#14 GSM850_GPRS10_Front face_1.0cm_Ch189

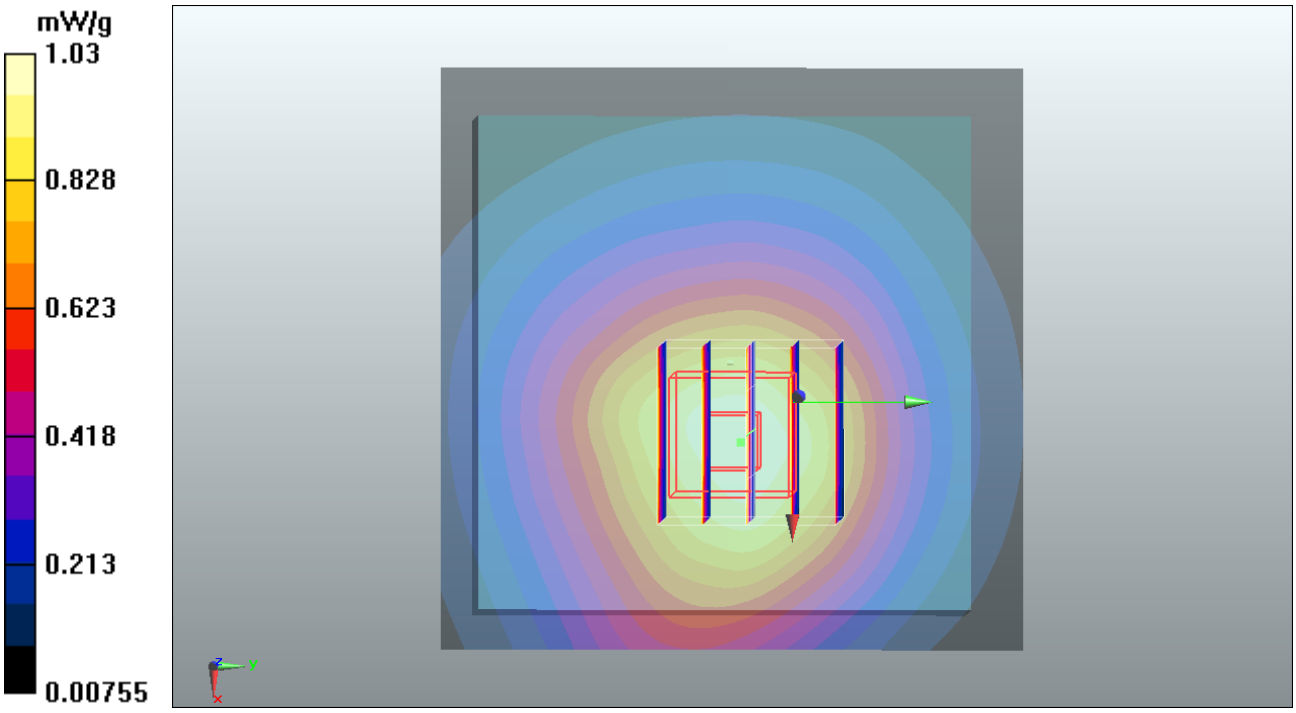
DUT: 0D2801

Communication System: GPRS/EDGE 10; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_835_110509 Medium parameters used: f = 836.4 MHz; σ = 0.978 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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

Ch189/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.03 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.1 V/m; Power Drift = -0.100 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.971 mW/g; SAR(10 g) = 0.691 mW/g
Maximum value of SAR (measured) = 1.03 mW/g


mW/g
1.03
0.828
0.623
0.418
0.213
0.00755

#21 GSM850_GPRS10_Front face_1.0cm_Ch128

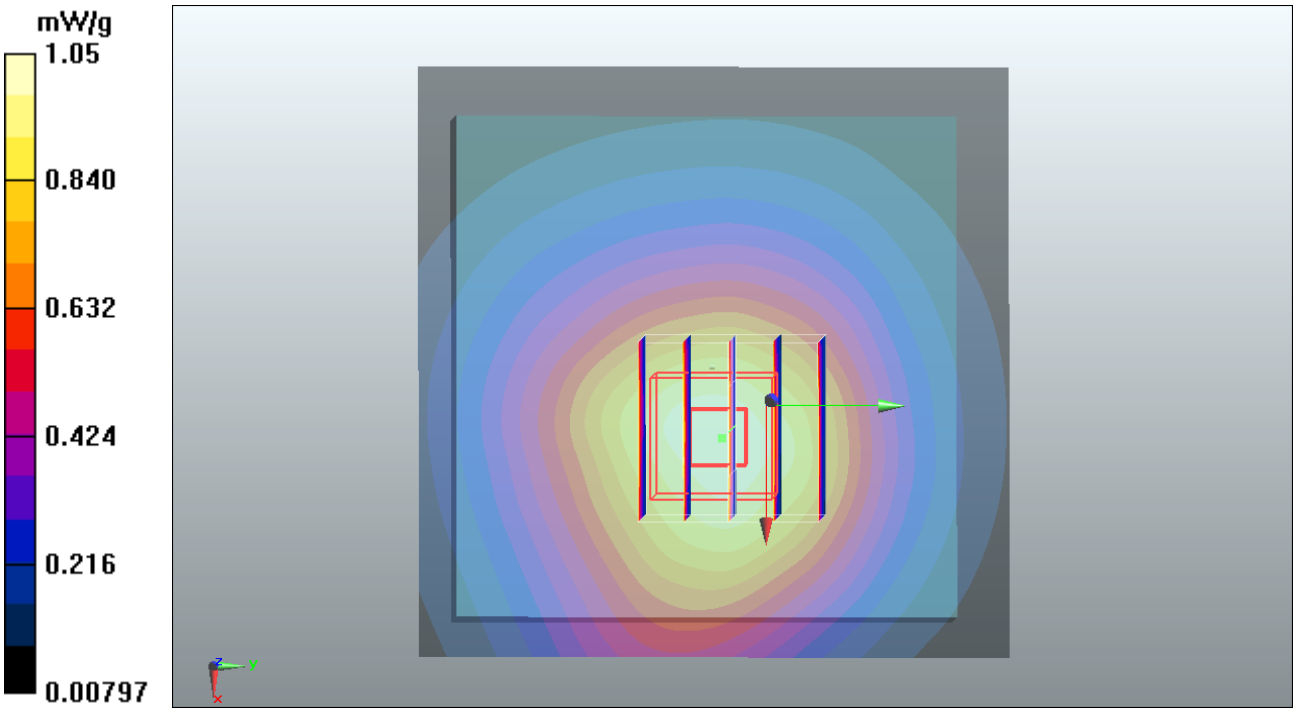
DUT: 0D2801

Communication System: GPRS/EDGE 10; Frequency: 824.2 MHz;Duty Cycle: 1:4
Medium: MSL_835_110509 Medium parameters used: f = 824.2 MHz; σ = 0.967 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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

Ch128/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.05 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.8 V/m; Power Drift = -0.058 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.972 mW/g; SAR(10 g) = 0.694 mW/g
Maximum value of SAR (measured) = 1.03 mW/g


mW/g
1.05
0.840
0.632
0.424
0.216
0.00797

#22 GSM850_GPRS10_Front face_1.0cm_Ch251

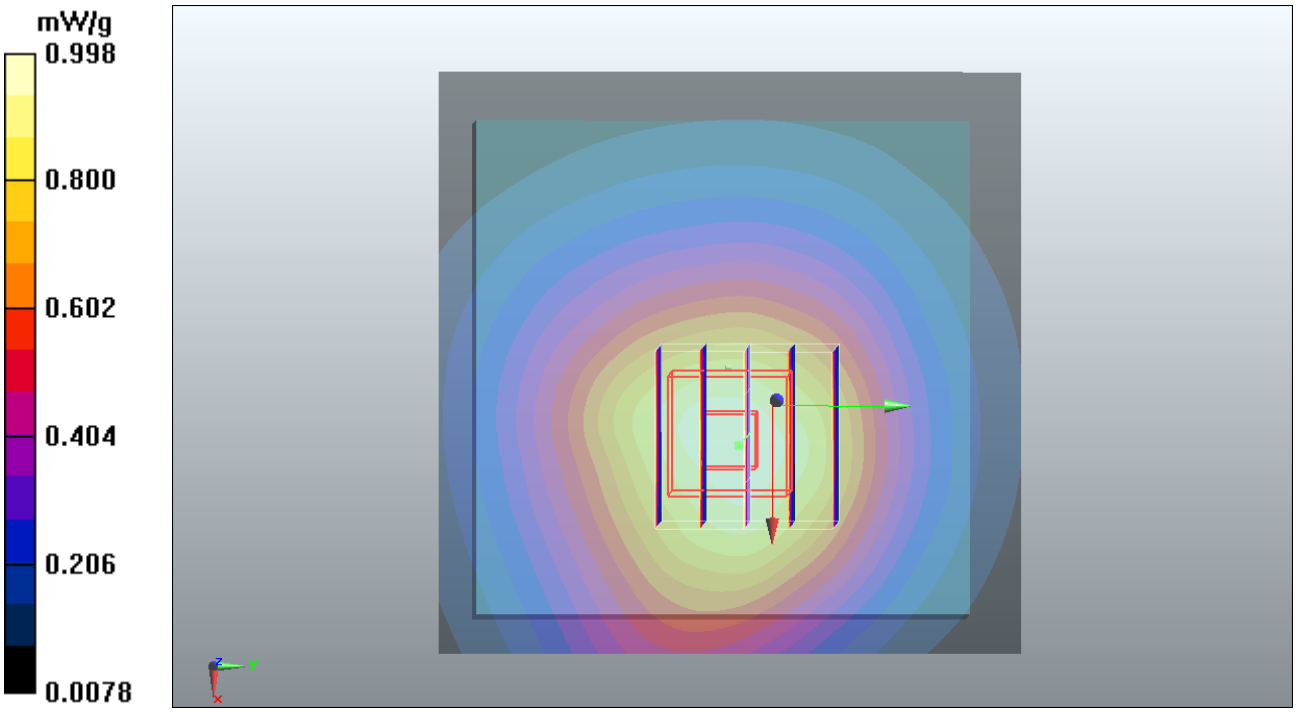
DUT: 0D2801

Communication System: GPRS/EDGE 10; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_835_110509 Medium parameters used: f = 849 MHz; σ = 0.99 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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

Ch251/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.998 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.1 V/m; Power Drift = -0.074 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.925 mW/g; SAR(10 g) = 0.657 mW/g
Maximum value of SAR (measured) = 0.976 mW/g


mW/g
0.998
0.800
0.602
0.404
0.206
0.0078

#54 GSM850_EDGE10 MCS1_Front Face_1.0cm_Ch189

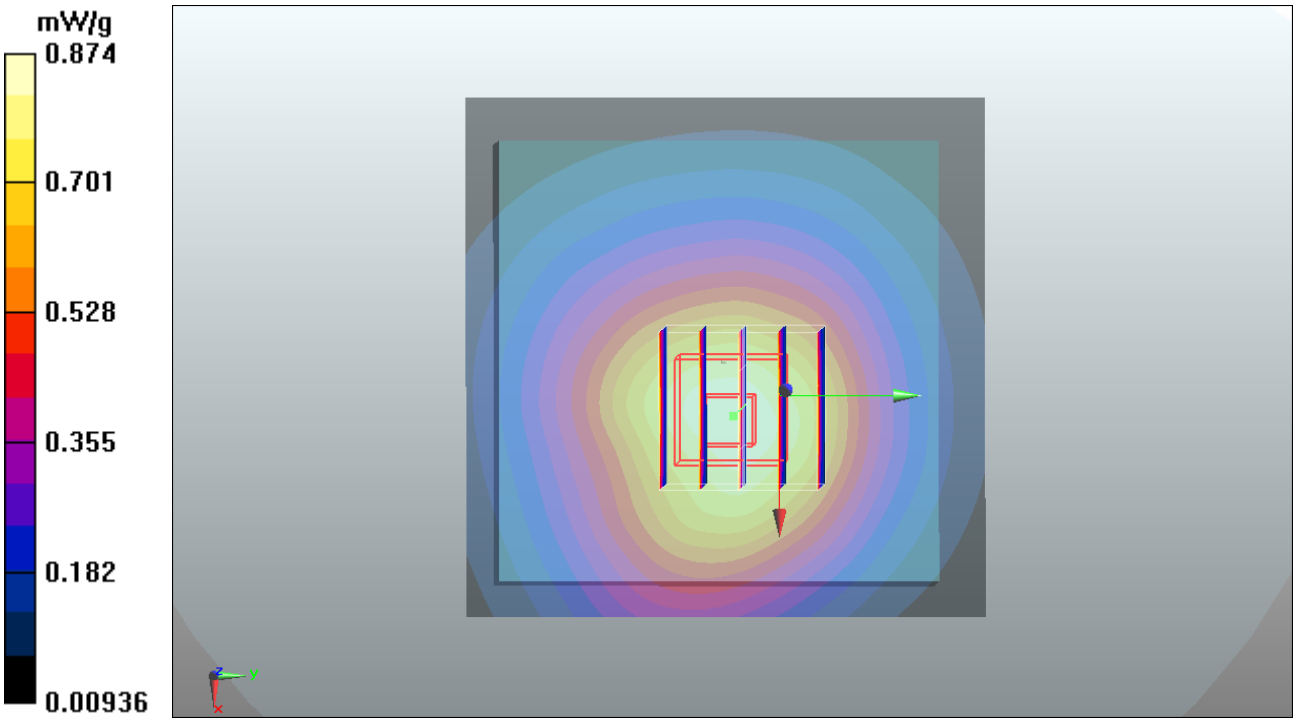
DUT: 0D2801

Communication System: GPRS/EDGE 10; Frequency: 824.2 MHz;Duty Cycle: 1:4
Medium: MSL_835_110614 Medium parameters used: f = 824.2 MHz; σ = 0.965 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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 59

Ch128/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.874 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.2 V/m; Power Drift = -0.115 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.815 mW/g; SAR(10 g) = 0.583 mW/g
Maximum value of SAR (measured) = 0.867 mW/g


mW/g
0.874
0.701
0.528
0.355
0.182
0.00936

#08 GSM1900_GPRS10_Front face_1.0cm_Ch661

DUT: 0D2801

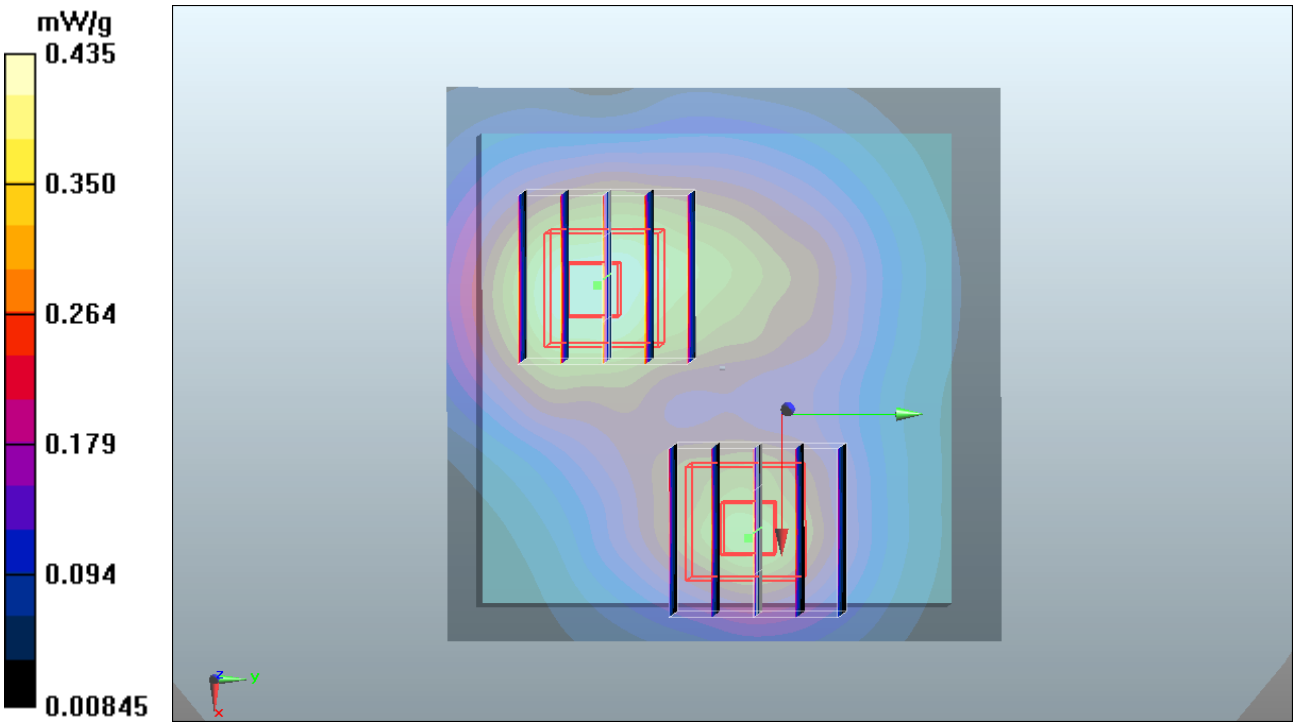
Communication System: GPRS/EDGE 10; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110503 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.435 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.6 V/m; Power Drift = -0.124 dB
Peak SAR (extrapolated) = 0.527 W/kg
SAR(1 g) = 0.396 mW/g; SAR(10 g) = 0.263 mW/g
Maximum value of SAR (measured) = 0.425 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.6 V/m; Power Drift = -0.124 dB
Peak SAR (extrapolated) = 0.483 W/kg
SAR(1 g) = 0.328 mW/g; SAR(10 g) = 0.195 mW/g
Maximum value of SAR (measured) = 0.362 mW/g


mW/g
0.435
0.350
0.264
0.179
0.094
0.00845

#34 WCDMA V_RMC 12.2K_Front face_1.0cm_Ch4233

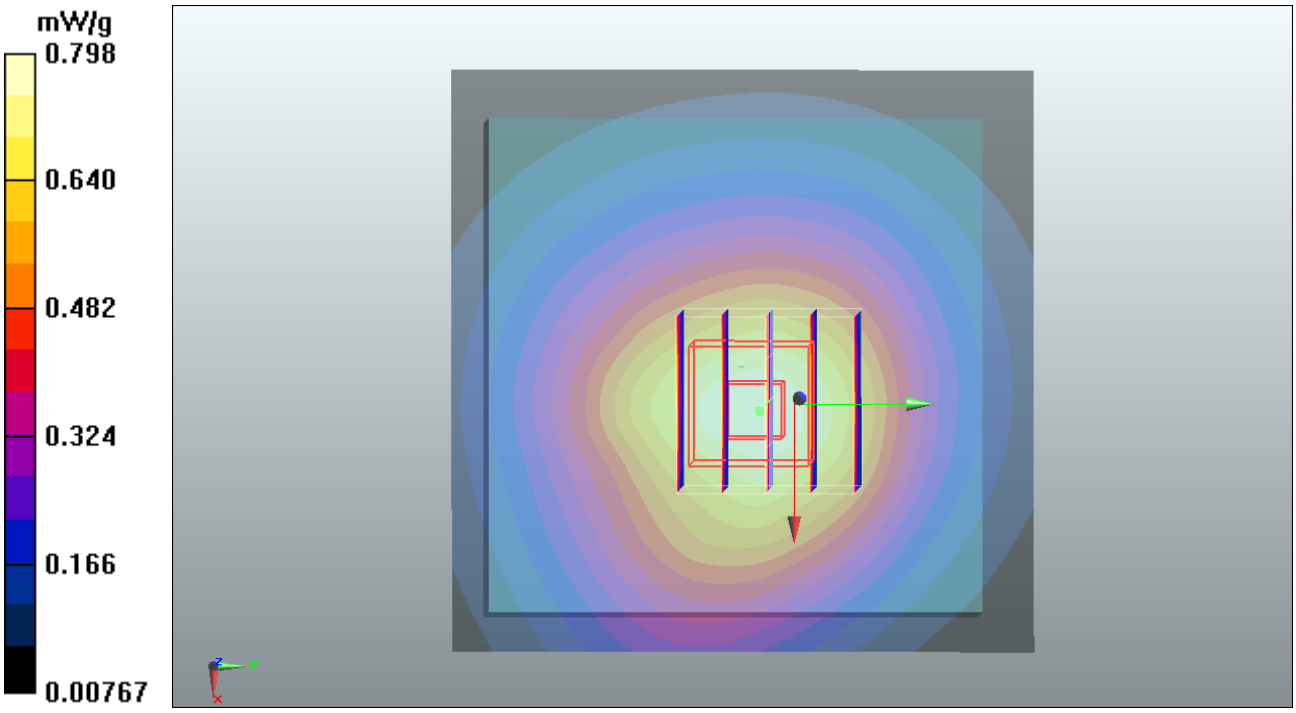
DUT: 0D2801

Communication System: UMTS; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_110509 Medium parameters used: f = 847 MHz; σ = 0.988 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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

Ch4233/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.798 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.8 V/m; Power Drift = 0.058 dB
Peak SAR (extrapolated) = 0.985 W/kg
SAR(1 g) = 0.764 mW/g; SAR(10 g) = 0.551 mW/g
Maximum value of SAR (measured) = 0.810 mW/g


mW/g
0.798
0.640
0.482
0.324
0.166
0.00767

#42 WCDMA II_RMC 12.2K_Front face_1.0cm_Ch9538_2D

DUT: 0D2801

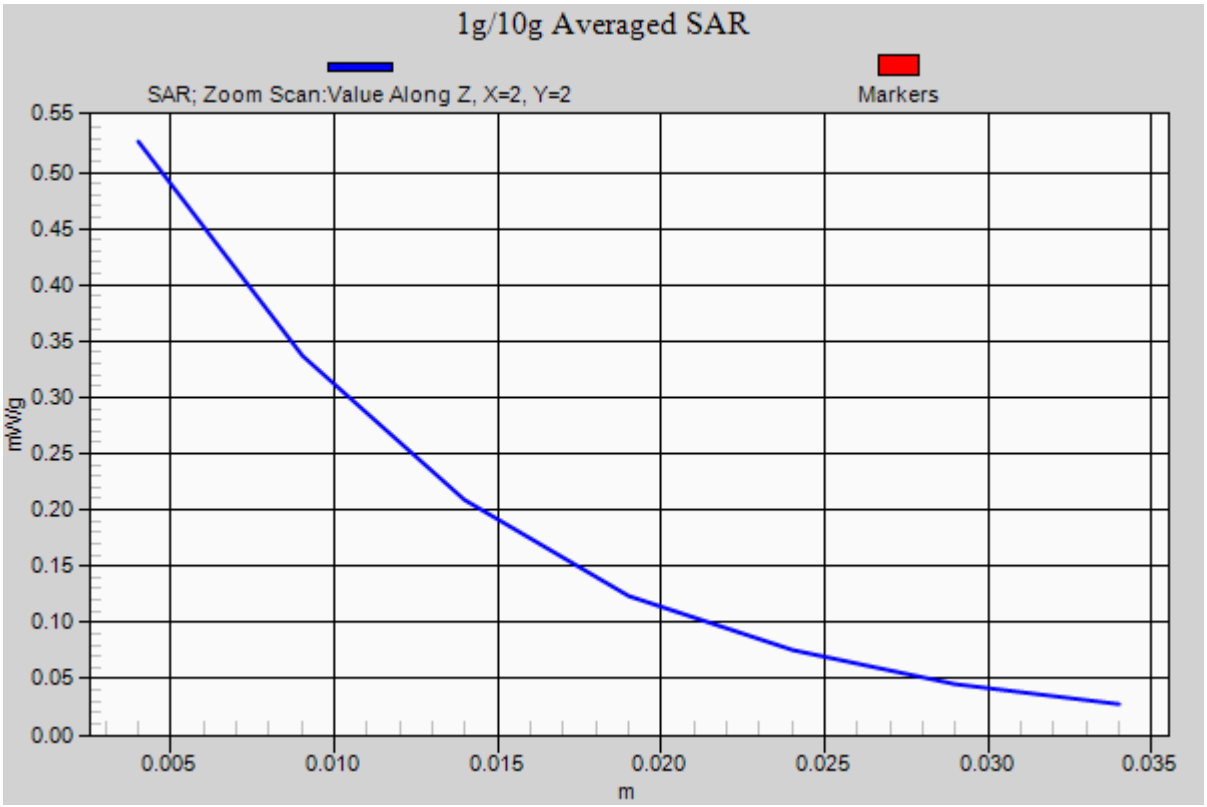
Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110509 Medium parameters used: f = 1908 MHz; σ = 1.54 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch9538/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.576 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.7 V/m; Power Drift = 0.106 dB
Peak SAR (extrapolated) = 0.719 W/kg
SAR(1 g) = 0.533 mW/g; SAR(10 g) = 0.349 mW/g
Maximum value of SAR (measured) = 0.567 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.7 V/m; Power Drift = 0.106 dB
Peak SAR (extrapolated) = 0.715 W/kg
SAR(1 g) = 0.474 mW/g; SAR(10 g) = 0.278 mW/g
Maximum value of SAR (measured) = 0.527 mW/g


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

#24 CDMA2000 BC0_RTAP 153.6_Front face_1.0cm_Ch777

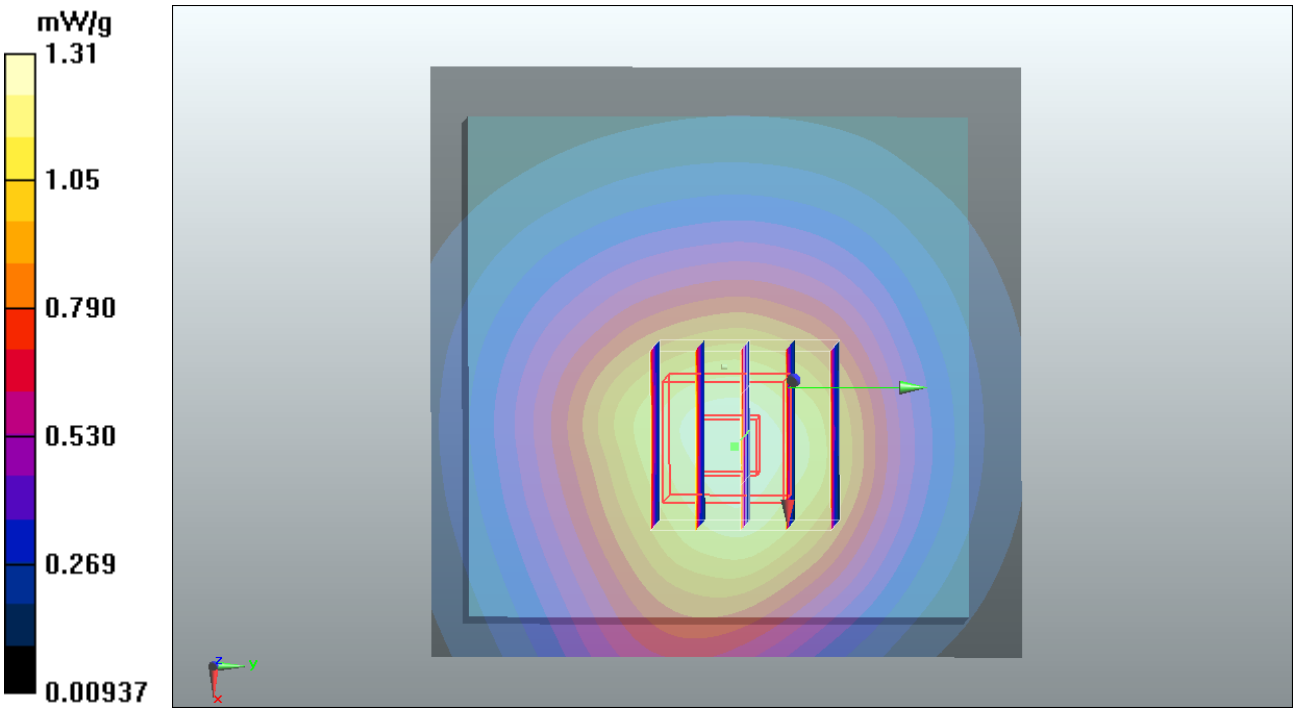
DUT: 0D2801

Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: MSL_835_110509 Medium parameters used: f = 848.31 MHz; σ = 0.989 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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 (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.31 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.5 V/m; Power Drift = -0.055 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.822 mW/g
Maximum value of SAR (measured) = 1.23 mW/g


mW/g
1.31
1.05
0.790
0.530
0.269
0.00937

#31 CDMA2000 BC0_RTAP 153.6_Front face_1.0cm_Ch1013

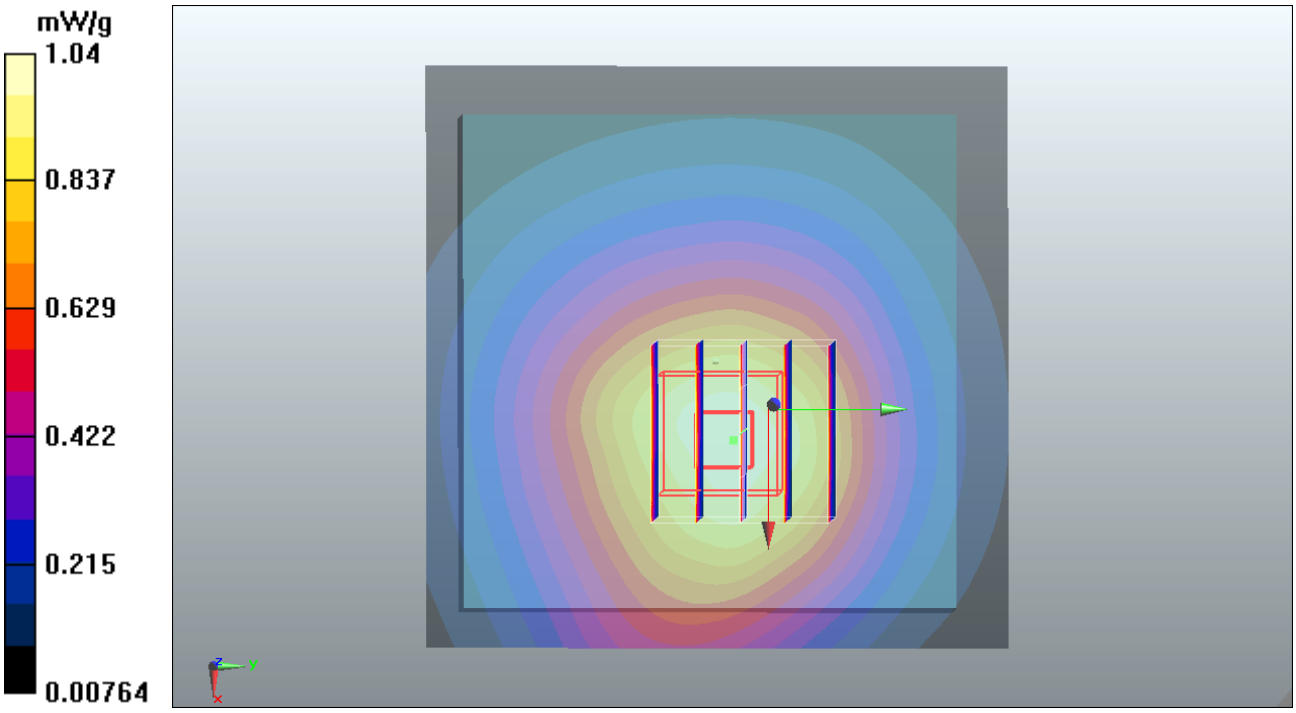
DUT: 0D2801

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_110509 Medium parameters used: f = 825 MHz; σ = 0.968 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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 (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.04 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.7 V/m; Power Drift = -0.030 dB
Peak SAR (extrapolated) = 1.3 W/kg
SAR(1 g) = 0.984 mW/g; SAR(10 g) = 0.702 mW/g
Maximum value of SAR (measured) = 1.04 mW/g


mW/g
1.04
0.837
0.629
0.422
0.215
0.00764

#32 CDMA2000 BC0_RTAP 153.6_Front face_1.0cm_Ch384

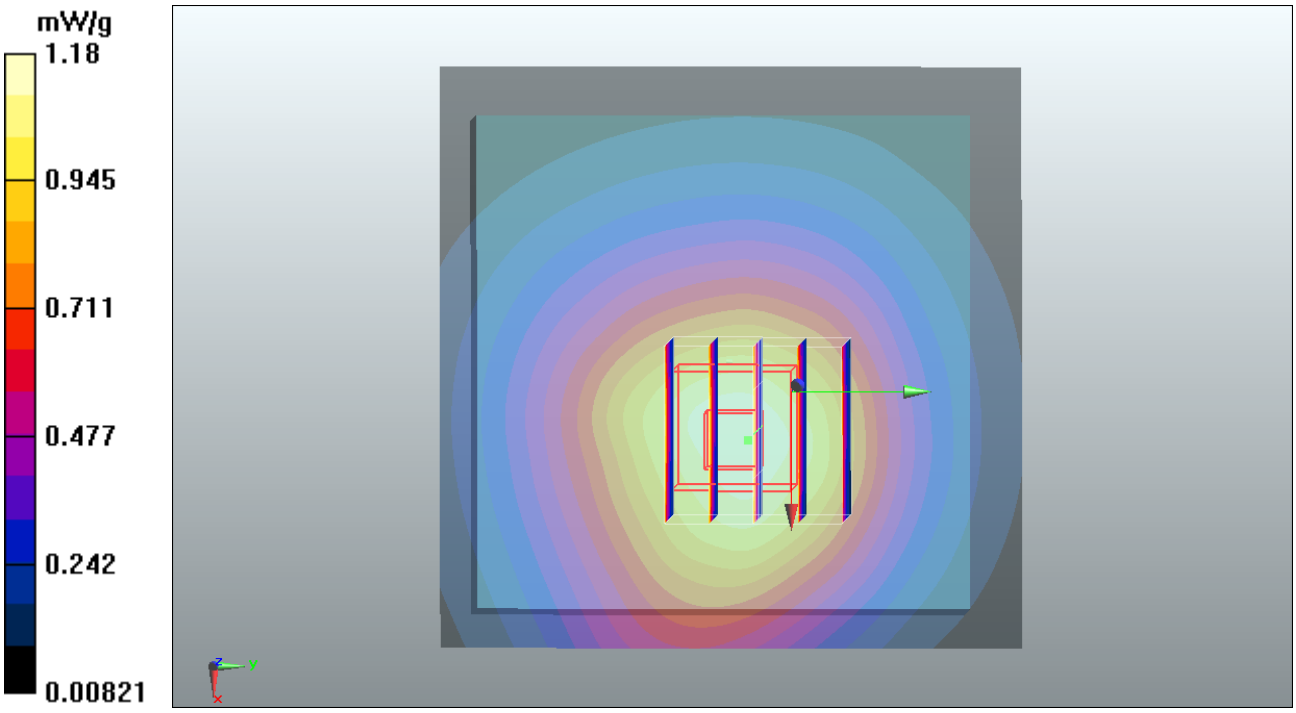
DUT: 0D2801

Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: MSL_835_110509 Medium parameters used: f = 837 MHz; σ = 0.979 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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 (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.18 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.9 V/m; Power Drift = -0.086 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.784 mW/g
Maximum value of SAR (measured) = 1.16 mW/g


mW/g
1.18
0.945
0.711
0.477
0.242
0.00821

#02 CDMA2000 BC1_RTAP 153.6_Front face_1.0cm_Ch25

DUT: 0D2801

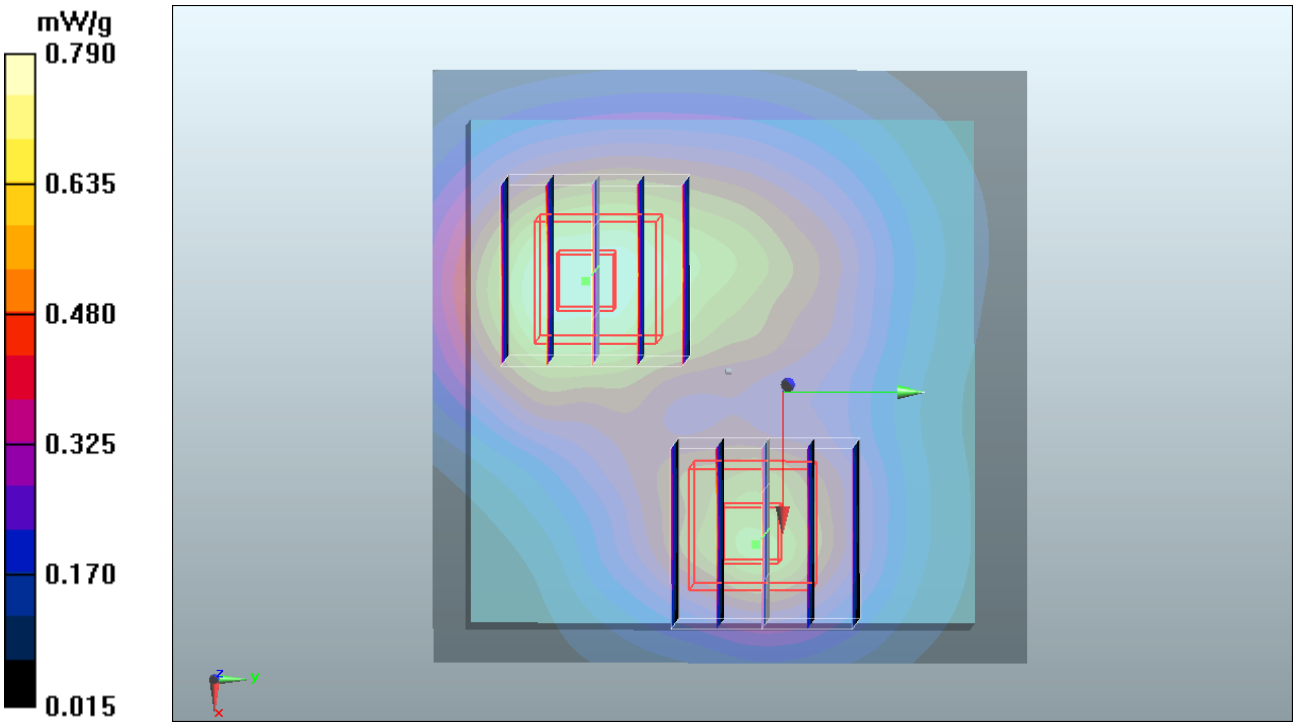
Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110503 Medium parameters used: f = 1851.25 MHz; σ = 1.48 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch25/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.790 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.3 V/m; Power Drift = 0.00184 dB
Peak SAR (extrapolated) = 0.955 W/kg
SAR(1 g) = 0.729 mW/g; SAR(10 g) = 0.489 mW/g
Maximum value of SAR (measured) = 0.778 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.3 V/m; Power Drift = 0.00184 dB
Peak SAR (extrapolated) = 0.906 W/kg
SAR(1 g) = 0.623 mW/g; SAR(10 g) = 0.373 mW/g
Maximum value of SAR (measured) = 0.681 mW/g


mW/g
0.790
0.635
0.480
0.325
0.170
0.015

#02 CDMA2000 BC1_RTAP 153.6_Front face_1.0cm_Ch25_2D

DUT: 0D2801

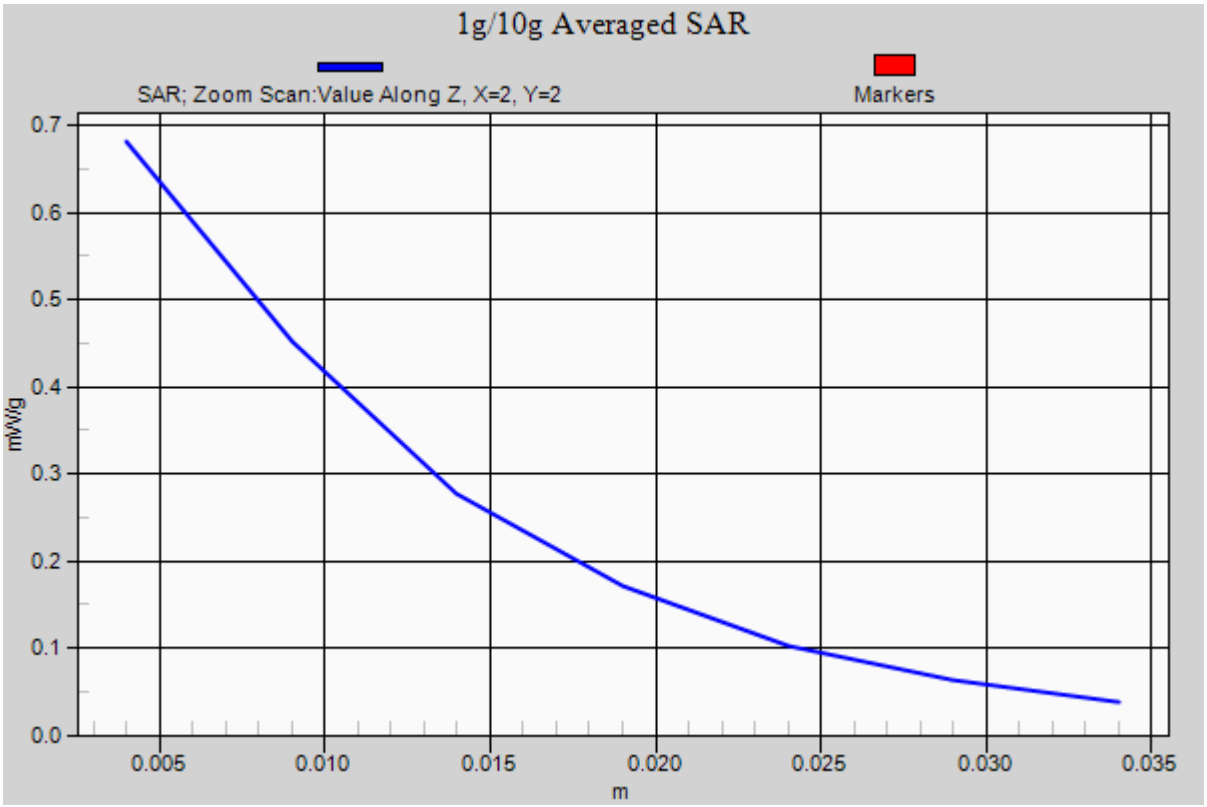
Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110503 Medium parameters used: f = 1851.25 MHz; σ = 1.48 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch25/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.790 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.3 V/m; Power Drift = 0.00184 dB
Peak SAR (extrapolated) = 0.955 W/kg
SAR(1 g) = 0.729 mW/g; SAR(10 g) = 0.489 mW/g
Maximum value of SAR (measured) = 0.778 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.3 V/m; Power Drift = 0.00184 dB
Peak SAR (extrapolated) = 0.906 W/kg
SAR(1 g) = 0.623 mW/g; SAR(10 g) = 0.373 mW/g
Maximum value of SAR (measured) = 0.681 mW/g


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

#13 LTE750_10M_QPSK(25-13)_Front face_1cm_Ch23230

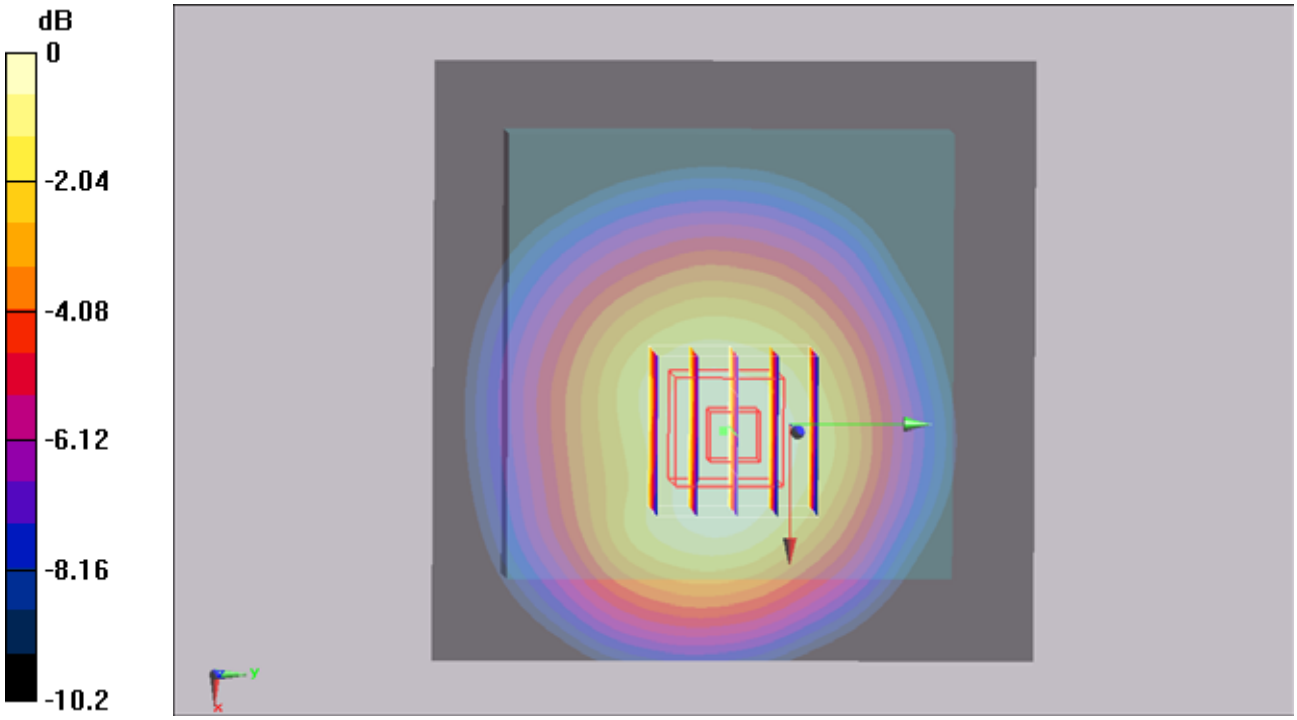
DUT: 0D2830

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_110514 Medium parameters used: f = 782.237 MHz; σ = 0.935 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch23230/Area Scan (61x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.715 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25 V/m; Power Drift = -0.096 dB
Peak SAR (extrapolated) = 0.919 W/kg
SAR(1 g) = 0.660 mW/g; SAR(10 g) = 0.465 mW/g
Maximum value of SAR (measured) = 0.702 mW/g



0 dB = 0.702mW/g

#02 LTE750_10M_QPSK(1-49)_Front face_1cm_Ch23230

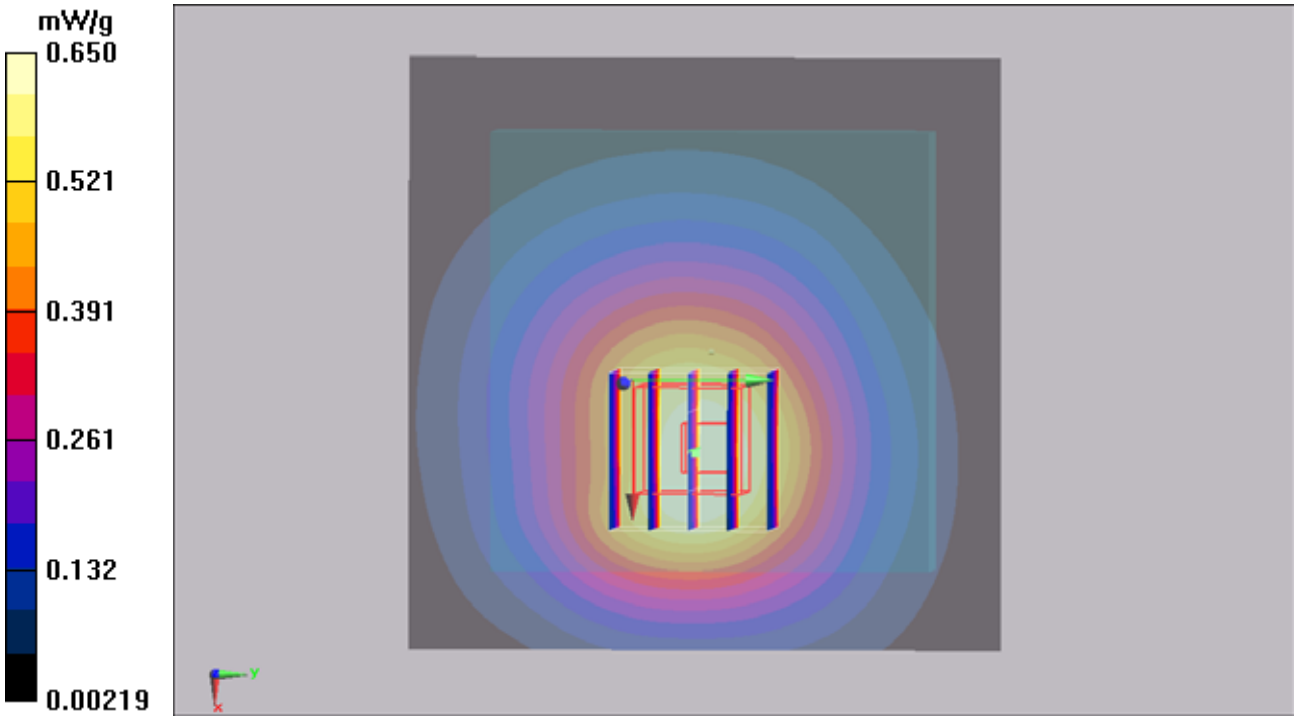
DUT: 0D2830

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_110513 Medium parameters used: f = 782.237 MHz; σ = 0.922 mho/m; ε_r = 53.8; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch23230/Area Scan (61x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.650 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.1 V/m; Power Drift = -0.058 dB
Peak SAR (extrapolated) = 0.847 W/kg
SAR(1 g) = 0.608 mW/g; SAR(10 g) = 0.430 mW/g
Maximum value of SAR (measured) = 0.641 mW/g


mW/g
0.650
0.521
0.391
0.261
0.132
0.00219

#17 LTE750_10M_QPSK(1-0)_Front face_1cm_Ch23230

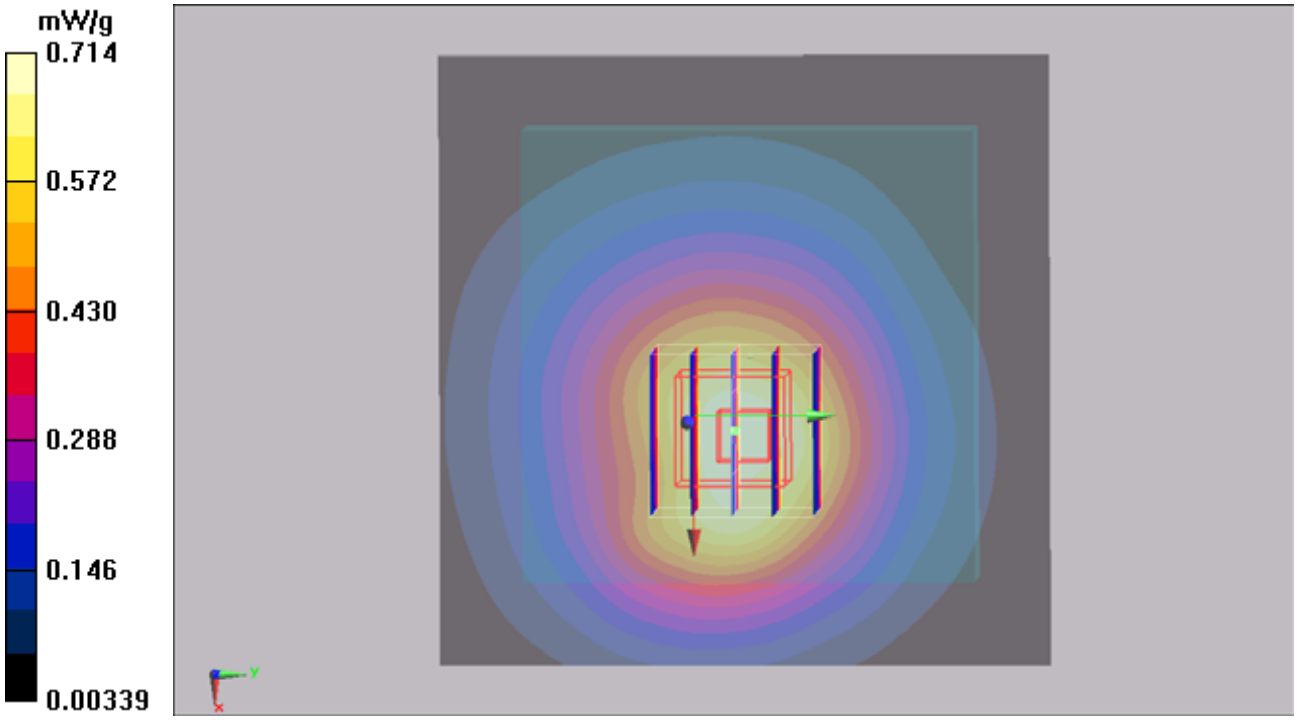
DUT: 0D2830

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_110514 Medium parameters used: f = 782.237 MHz; σ = 0.935 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch23230/Area Scan (61x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.714 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.8 V/m; Power Drift = -0.129 dB
Peak SAR (extrapolated) = 0.911 W/kg
SAR(1 g) = 0.660 mW/g; SAR(10 g) = 0.465 mW/g
Maximum value of SAR (measured) = 0.700 mW/g


mW/g
0.714
0.572
0.430
0.288
0.146
0.00339

#21 LTE750_10M_16QAM(25-13)_Front face_1cm_Ch23230

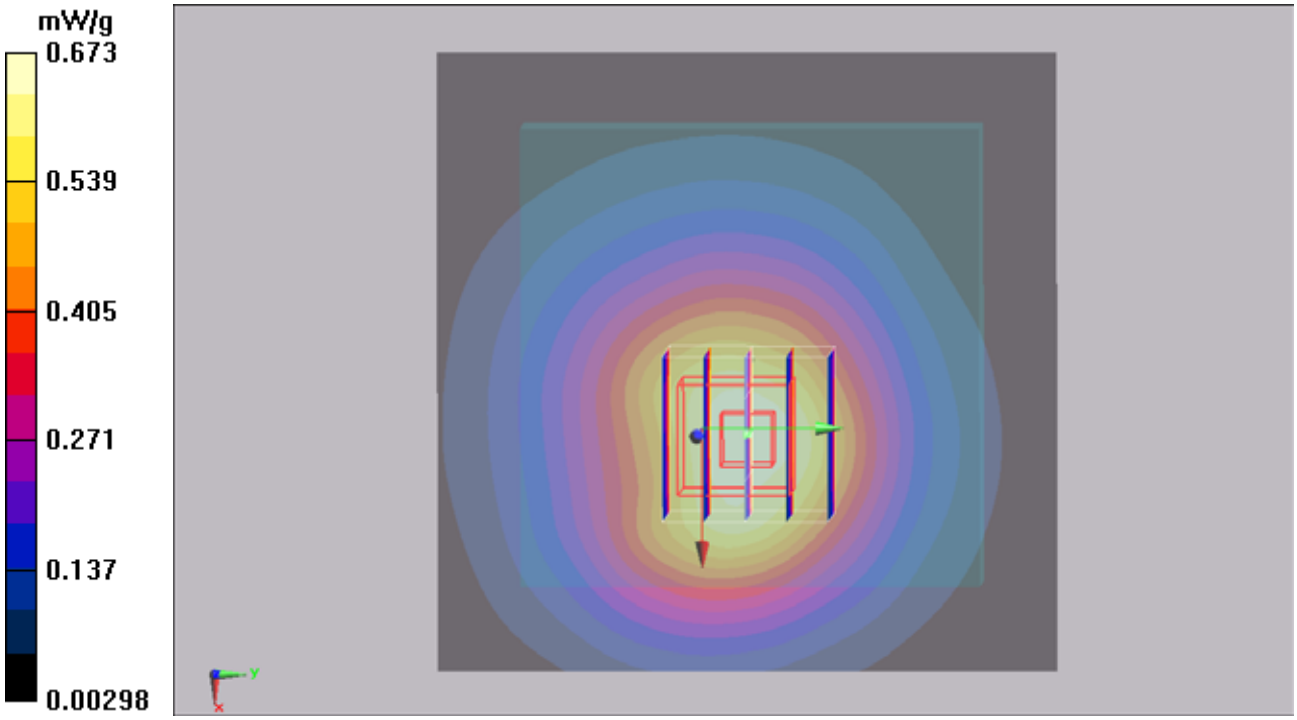
DUT: 0D2830

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_110514 Medium parameters used: f = 782.237 MHz; σ = 0.935 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch23230/Area Scan (61x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.673 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.1 V/m; Power Drift = -0.143 dB
Peak SAR (extrapolated) = 0.853 W/kg
SAR(1 g) = 0.617 mW/g; SAR(10 g) = 0.436 mW/g
Maximum value of SAR (measured) = 0.657 mW/g


mW/g
0.673
0.539
0.405
0.271
0.137
0.00298

#30 LTE750_10M_16QAM(1-49)_Front face_1cm_Ch23230

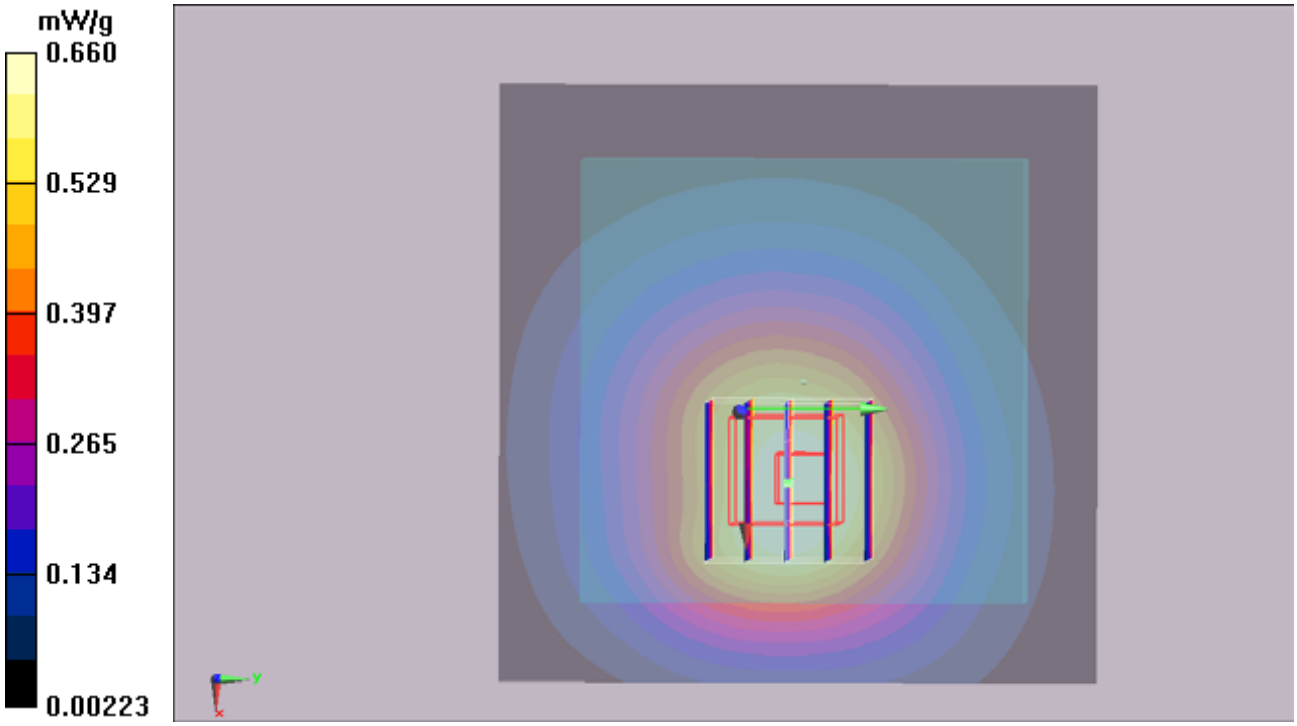
DUT: 0D2830

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_110514 Medium parameters used: f = 782.237 MHz; σ = 0.935 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch23230/Area Scan (61x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.660 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.1 V/m; Power Drift = -0.058 dB
Peak SAR (extrapolated) = 0.860 W/kg
SAR(1 g) = 0.618 mW/g; SAR(10 g) = 0.437 mW/g
Maximum value of SAR (measured) = 0.651 mW/g


mW/g
0.660
0.529
0.397
0.265
0.134
0.00223

#25 LTE750_10M_16QAM(1-0)_Front face_1cm_Ch23230

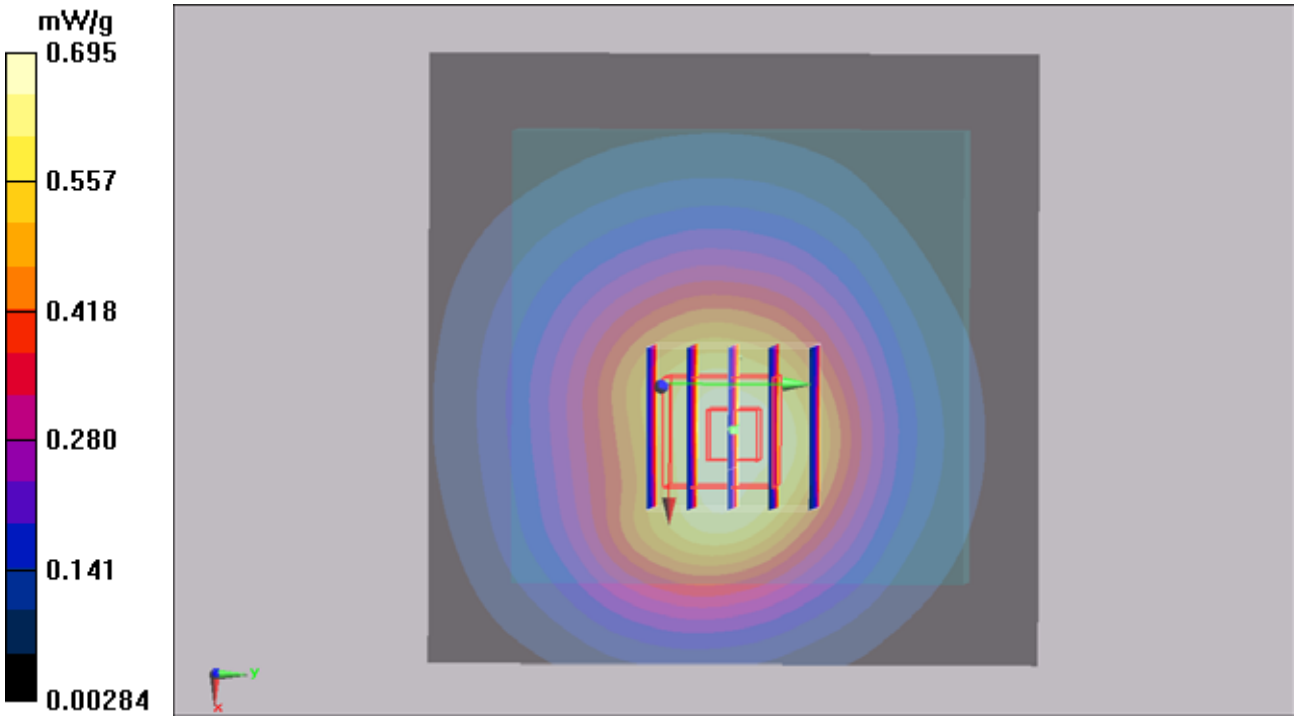
DUT: 0D2830

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_110514 Medium parameters used: f = 782.237 MHz; σ = 0.935 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch23230/Area Scan (61x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.695 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.6 V/m; Power Drift = -0.099 dB
Peak SAR (extrapolated) = 0.914 W/kg
SAR(1 g) = 0.655 mW/g; SAR(10 g) = 0.461 mW/g
Maximum value of SAR (measured) = 0.695 mW/g


mW/g
0.695
0.557
0.418
0.280
0.141
0.00284

#48 802.11b_Front Face_Ch1_5.5M_13

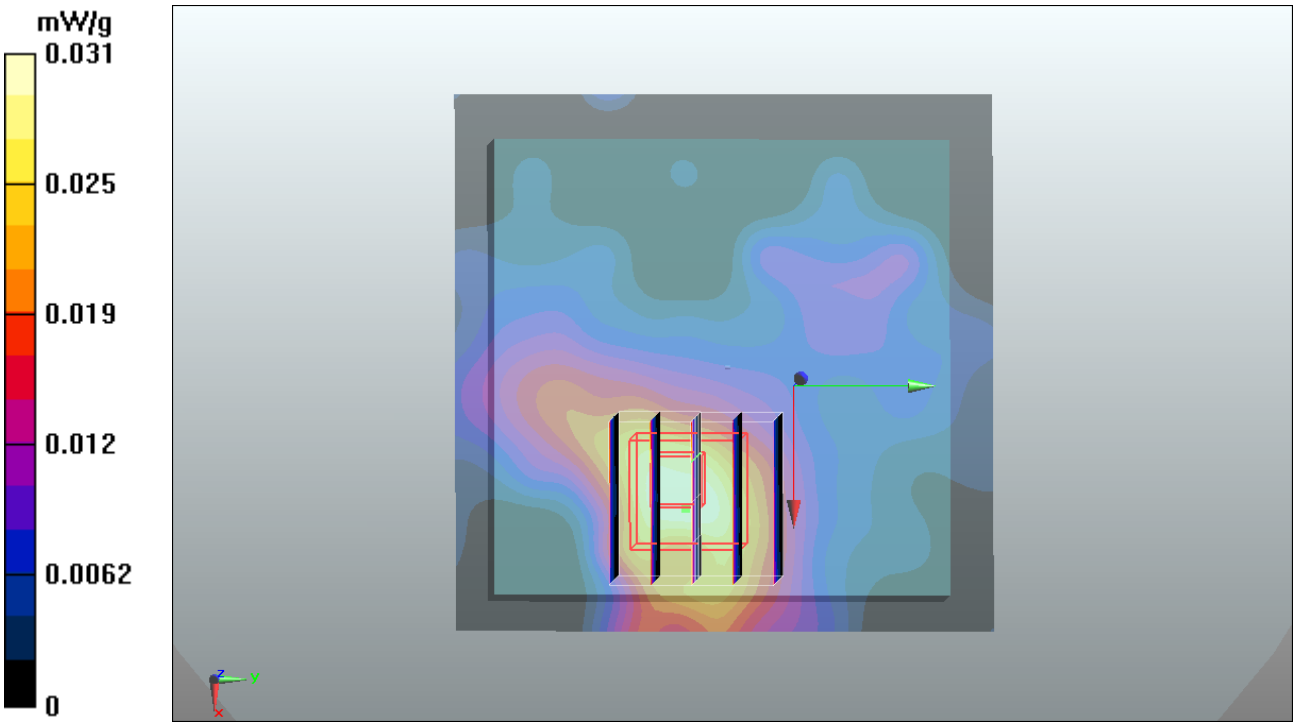
DUT: 0D2801

Communication System: Wifi; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110505 Medium parameters used: f = 2412 MHz; σ = 1.92 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.04, 4.04, 4.04); 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

Ch1/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.031 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.98 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.059 W/kg
SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.015 mW/g
Maximum value of SAR (measured) = 0.028 mW/g


mW/g
0.031
0.025
0.019
0.012
0.0062
0

#13 GSM850_GPRS10_Rear Face_1.0cm_Ch189

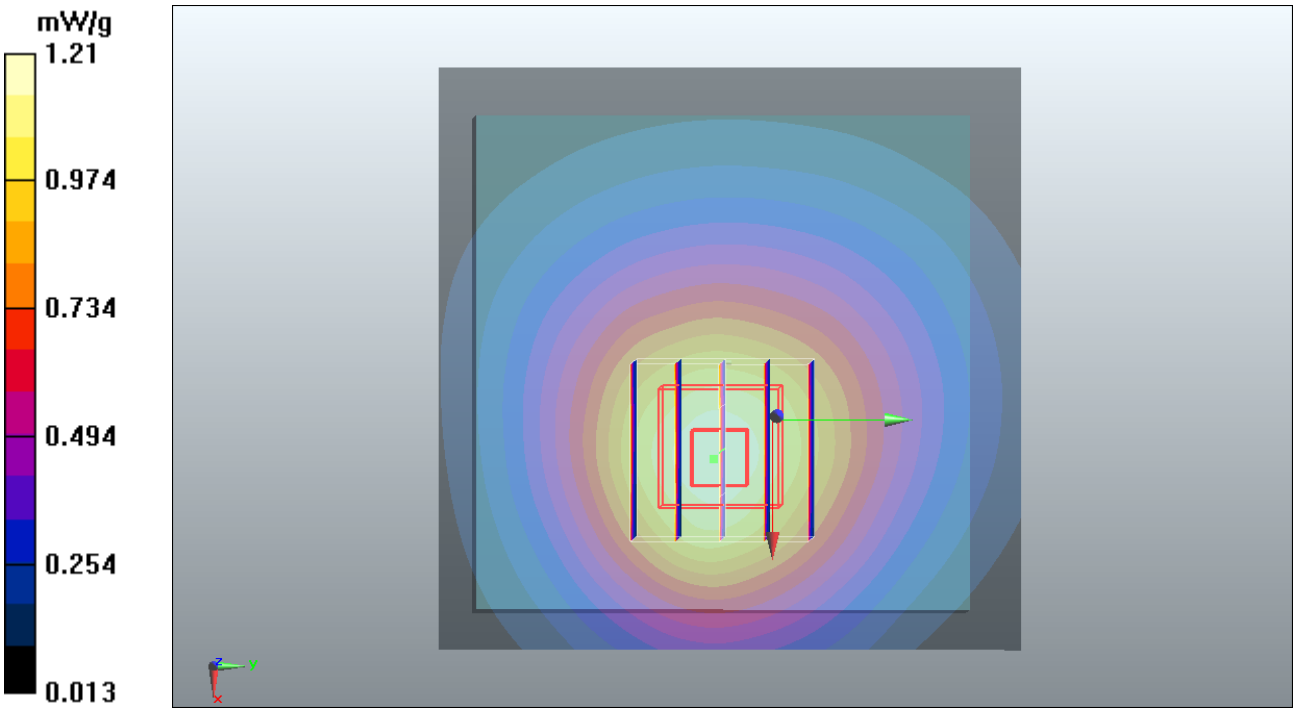
DUT: 0D2801

Communication System: GPRS/EDGE 10; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_835_110509 Medium parameters used: f = 836.4 MHz; σ = 0.978 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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

Ch189/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.21 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.4 V/m; Power Drift = -0.089 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.782 mW/g
Maximum value of SAR (measured) = 1.16 mW/g


mW/g
1.21
0.974
0.734
0.494
0.254
0.013

#13 GSM850_GPRS10_Rear Face_1.0cm_Ch189_2D

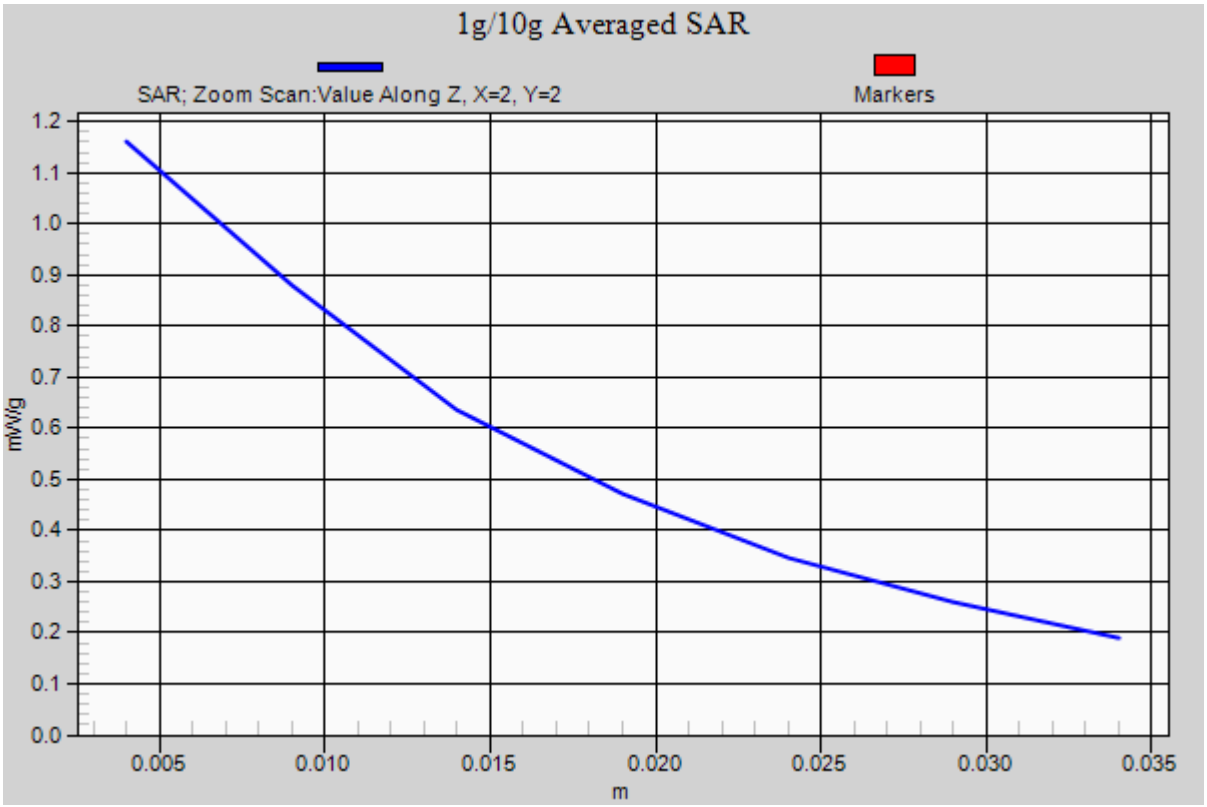
DUT: 0D2801

Communication System: GPRS/EDGE 10; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_835_110509 Medium parameters used: f = 836.4 MHz; σ = 0.978 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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

Ch189/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.21 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.4 V/m; Power Drift = -0.089 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.782 mW/g
Maximum value of SAR (measured) = 1.16 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
Markers
1.2
1.1
1.0
0.9
0.8
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

#19 GSM850_GPRS10_Rear Face_1.0cm_Ch128

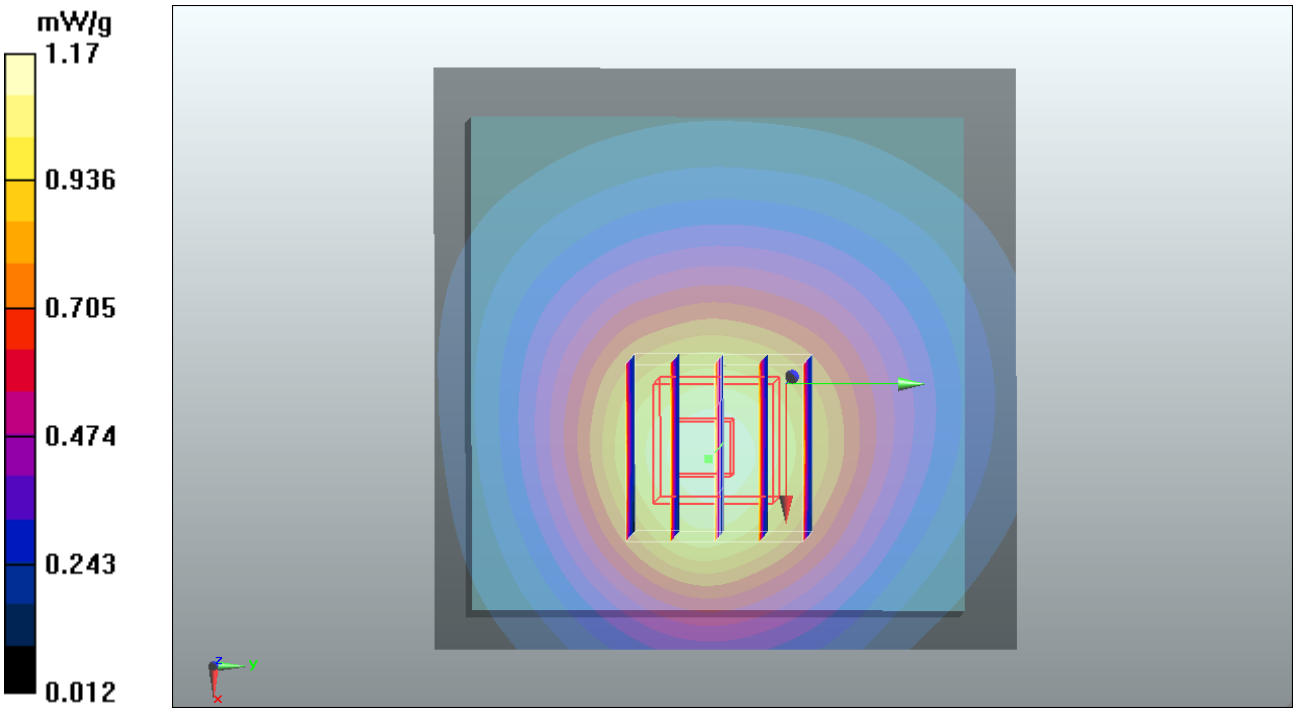
DUT: 0D2801

Communication System: GPRS/EDGE 10; Frequency: 824.2 MHz;Duty Cycle: 1:4
Medium: MSL_835_110509 Medium parameters used: f = 824.2 MHz; σ = 0.967 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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

Ch128/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.17 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.8 V/m; Power Drift = -0.156 dB
Peak SAR (extrapolated) = 1.4 W/kg
SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.773 mW/g
Maximum value of SAR (measured) = 1.15 mW/g


mW/g
1.17
0.936
0.705
0.474
0.243
0.012

#20 GSM850_GPRS10_Rear Face_1.0cm_Ch251

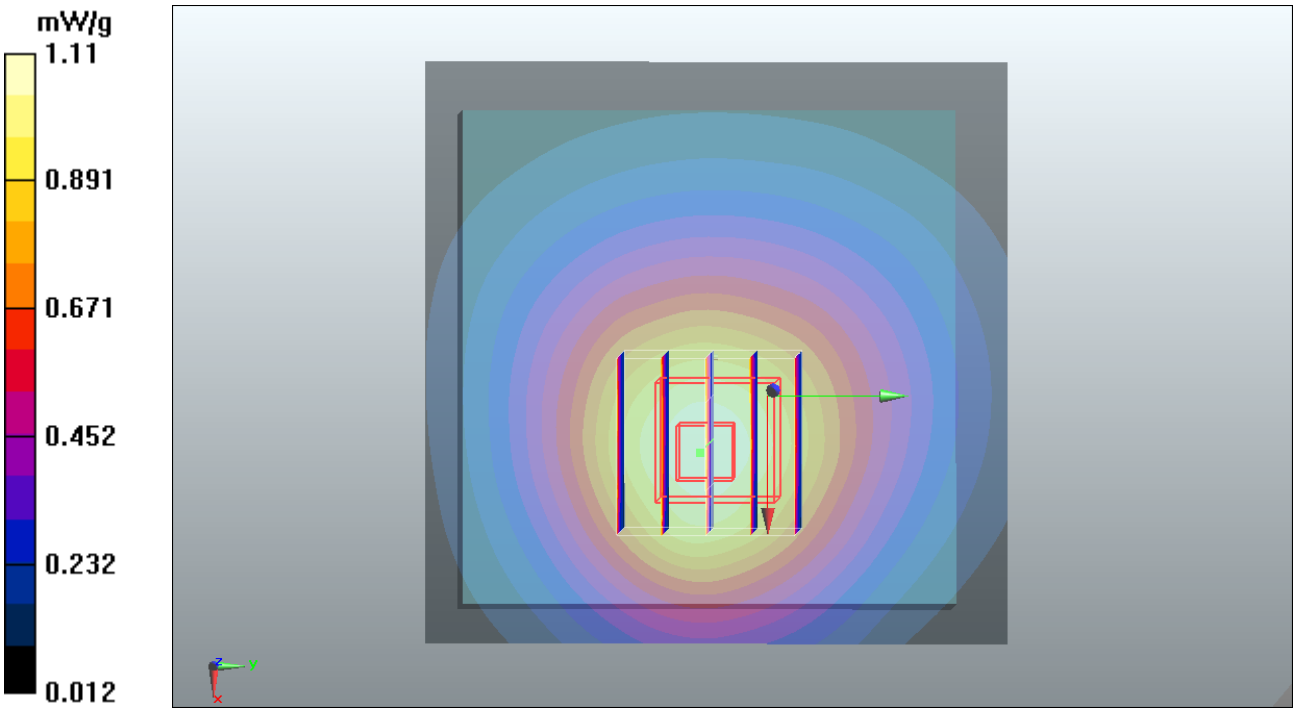
DUT: 0D2801

Communication System: GPRS/EDGE 10; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_835_110509 Medium parameters used: f = 849 MHz; σ = 0.99 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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

Ch251/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.11 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.1 V/m; Power Drift = -0.079 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.726 mW/g
Maximum value of SAR (measured) = 1.09 mW/g


mW/g
1.11
0.891
0.671
0.452
0.232
0.012

#53 GSM850_EDGE10 MCS1_Rear Face_1.0cm_Ch189

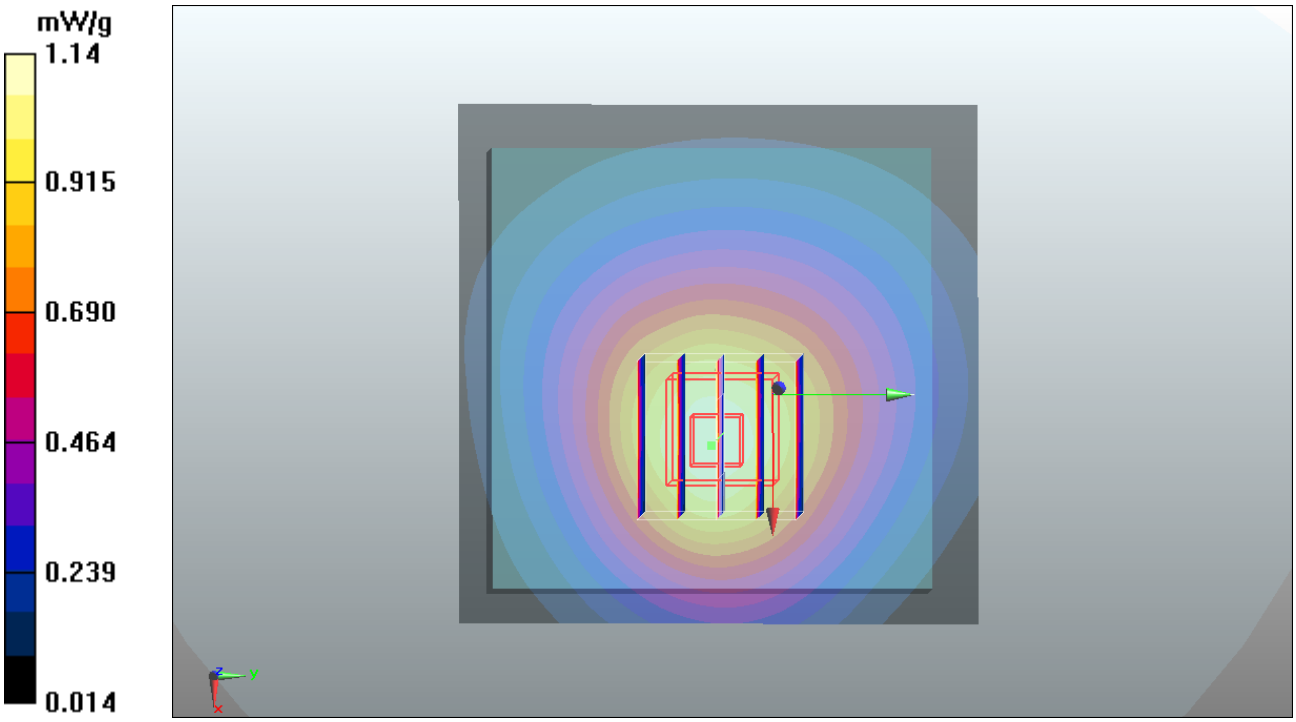
DUT: 0D2801

Communication System: GPRS/EDGE 10; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_835_110614 Medium parameters used: f = 836.4 MHz; σ = 0.976 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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 59

Ch189/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.14 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.5 V/m; Power Drift = -0.085 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.724 mW/g
Maximum value of SAR (measured) = 1.08 mW/g


mW/g
1.14
0.915
0.690
0.464
0.239
0.014

#07 GSM1900_GPRS10_Rear Face_1.0cm_Ch661

DUT: 0D2801

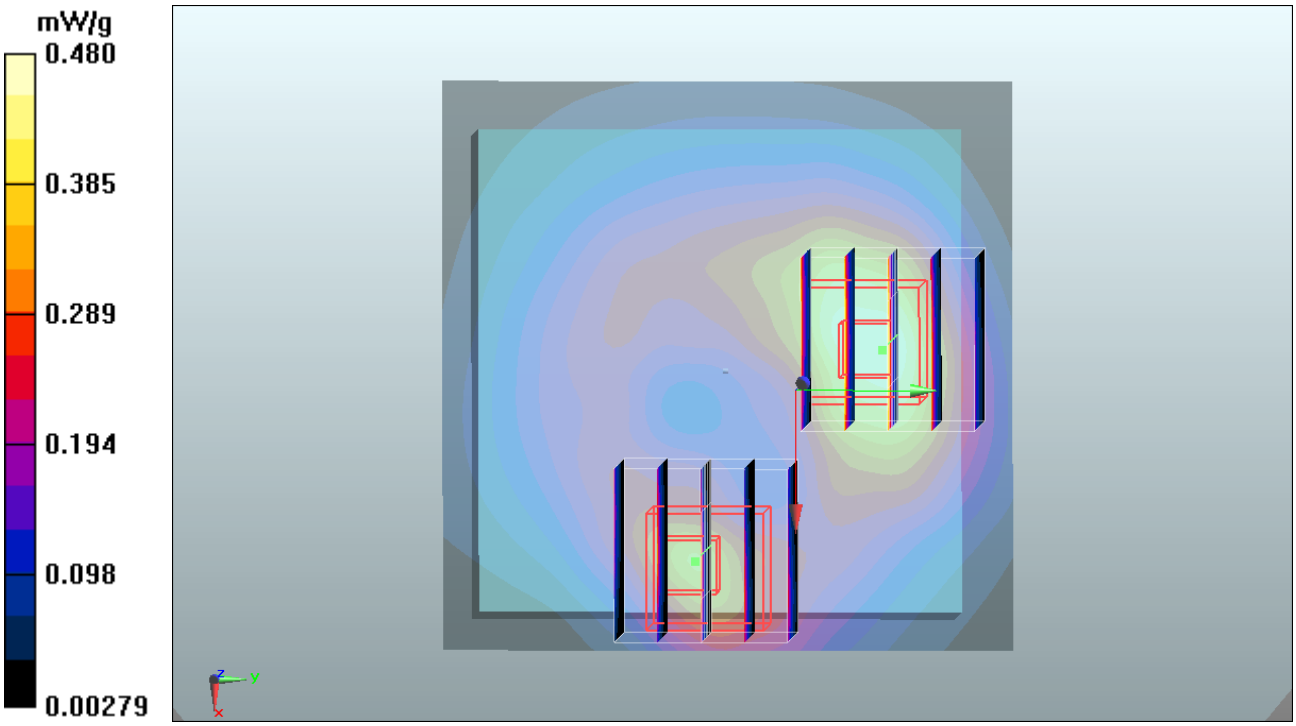
Communication System: GPRS/EDGE 10; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110503 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.480 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.5 V/m; Power Drift = -0.098 dB
Peak SAR (extrapolated) = 0.576 W/kg
SAR(1 g) = 0.442 mW/g; SAR(10 g) = 0.286 mW/g
Maximum value of SAR (measured) = 0.469 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.5 V/m; Power Drift = -0.098 dB
Peak SAR (extrapolated) = 0.521 W/kg
SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.175 mW/g
Maximum value of SAR (measured) = 0.346 mW/g


mW/g
0.480
0.385
0.289
0.194
0.098
0.00279

#07 GSM1900_GPRS10_Rear Face_1.0cm_Ch661_2D

DUT: 0D2801

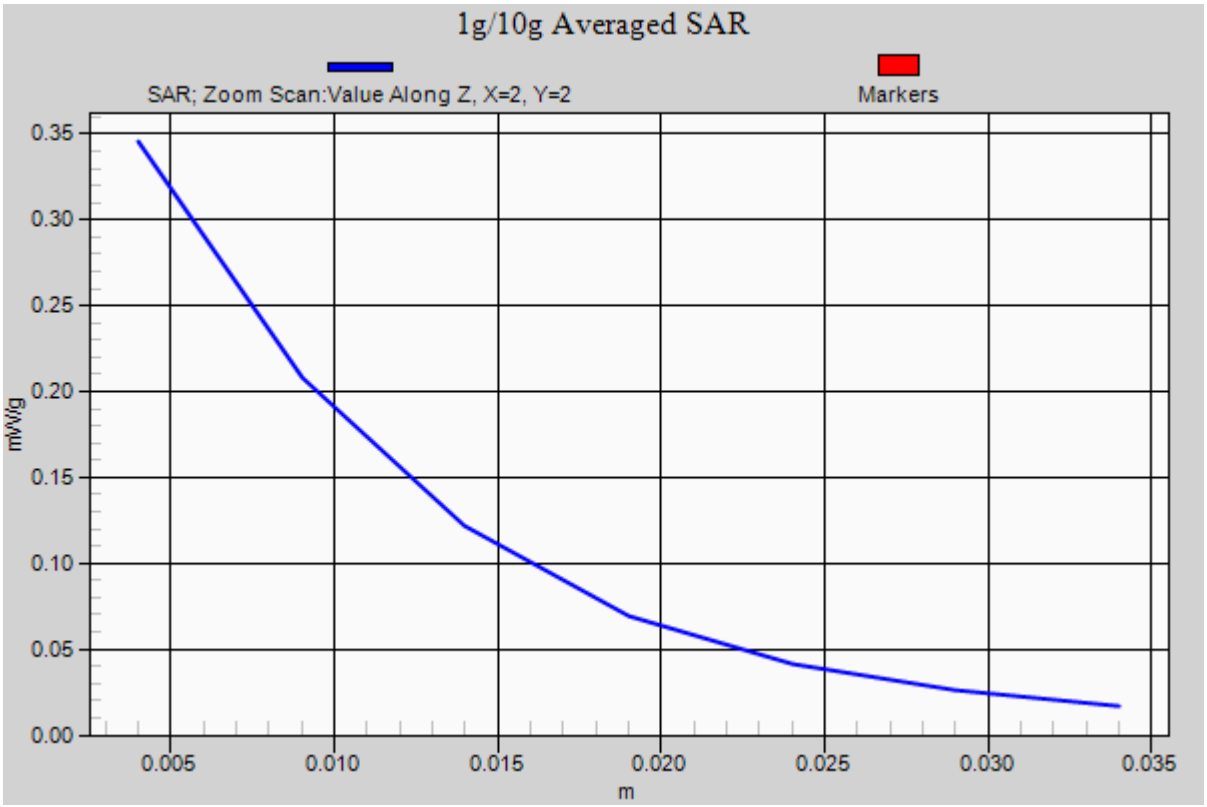
Communication System: GPRS/EDGE 10; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110503 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.480 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.5 V/m; Power Drift = -0.098 dB
Peak SAR (extrapolated) = 0.576 W/kg
SAR(1 g) = 0.442 mW/g; SAR(10 g) = 0.286 mW/g
Maximum value of SAR (measured) = 0.469 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.5 V/m; Power Drift = -0.098 dB
Peak SAR (extrapolated) = 0.521 W/kg
SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.175 mW/g
Maximum value of SAR (measured) = 0.346 mW/g


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

#33 WCDMA V_RMC 12.2K_Rear Face_1.0cm_Ch4233

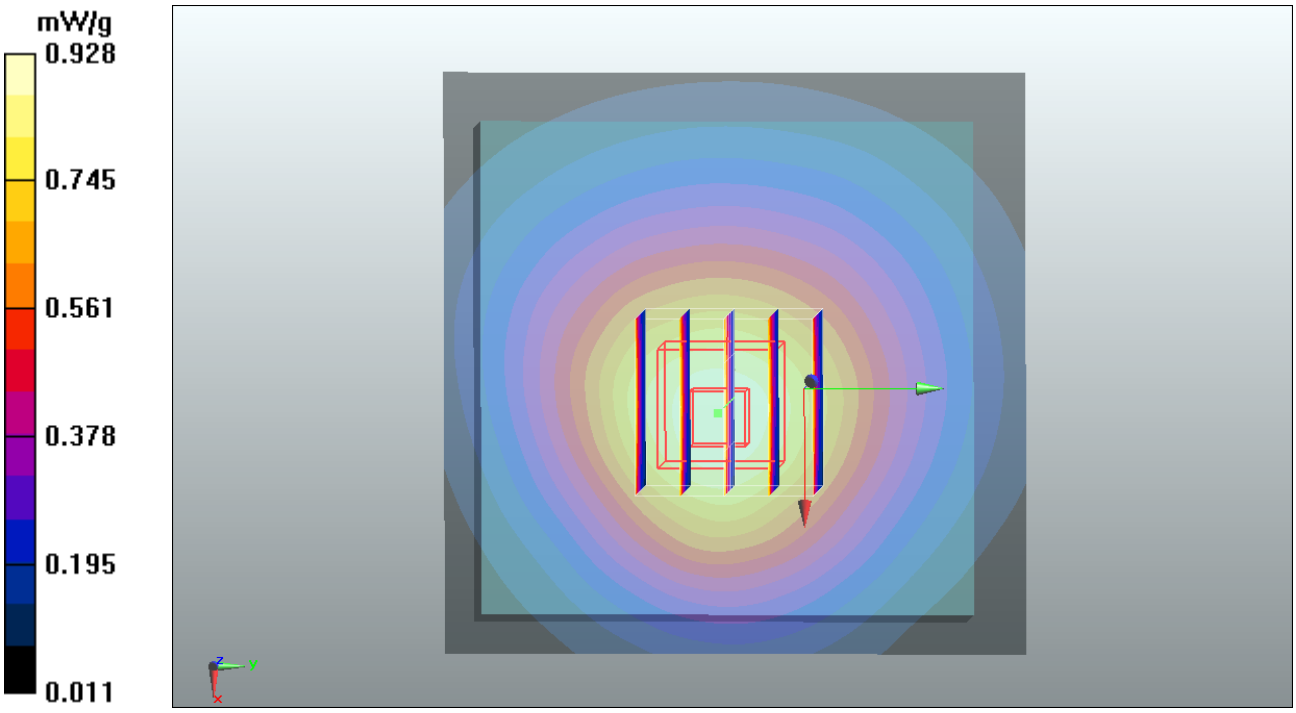
DUT: 0D2801

Communication System: UMTS; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_110509 Medium parameters used: f = 847 MHz; σ = 0.988 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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

Ch4233/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.928 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.3 V/m; Power Drift = 0.113 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.902 mW/g; SAR(10 g) = 0.647 mW/g
Maximum value of SAR (measured) = 0.955 mW/g


mW/g
0.928
0.745
0.561
0.378
0.195
0.011

#39 WCDMA V_RMC 12.2K_Rear Face_1.0cm_Ch4132

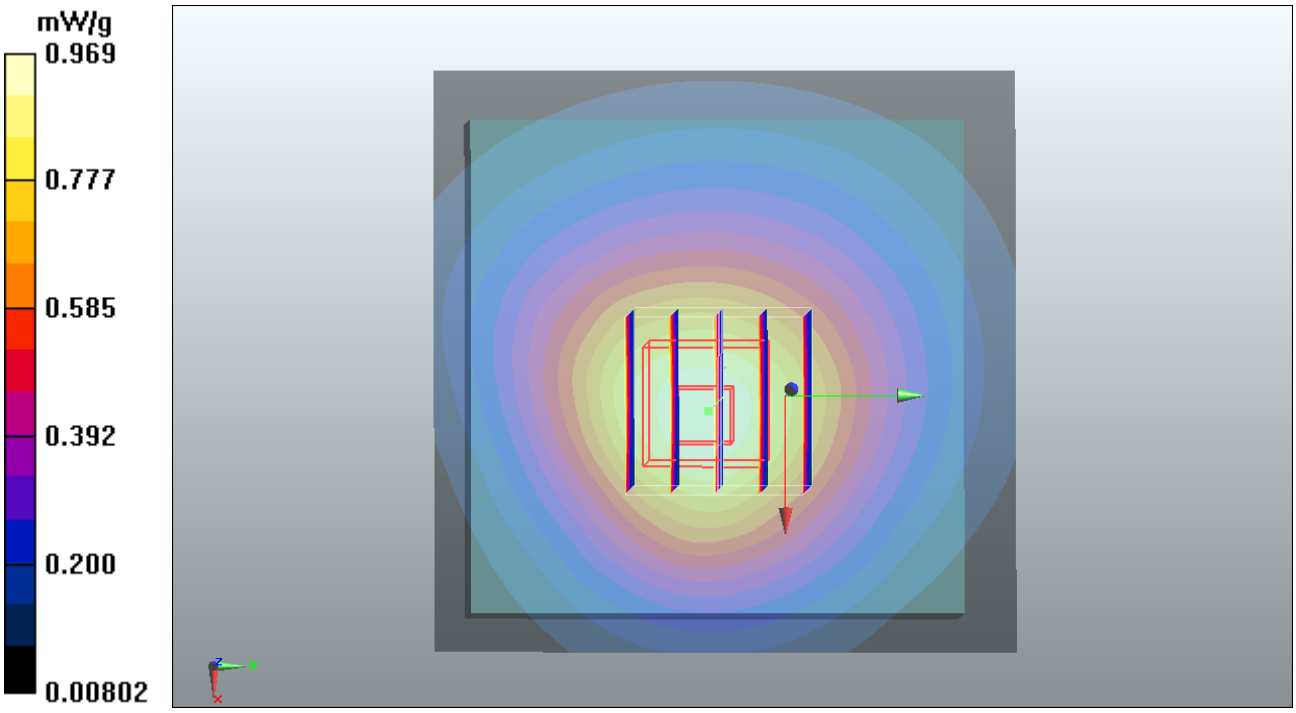
DUT: 0D2801

Communication System: UMTS; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_110509 Medium parameters used: f = 826.4 MHz; σ = 0.969 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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

Ch4132/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.969 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.1 V/m; Power Drift = 0.120 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.914 mW/g; SAR(10 g) = 0.659 mW/g
Maximum value of SAR (measured) = 0.970 mW/g


mW/g
0.969
0.777
0.585
0.392
0.200
0.00802

#40 WCDMA V_RMC 12.2K_Rear Face_1.0cm_Ch4182

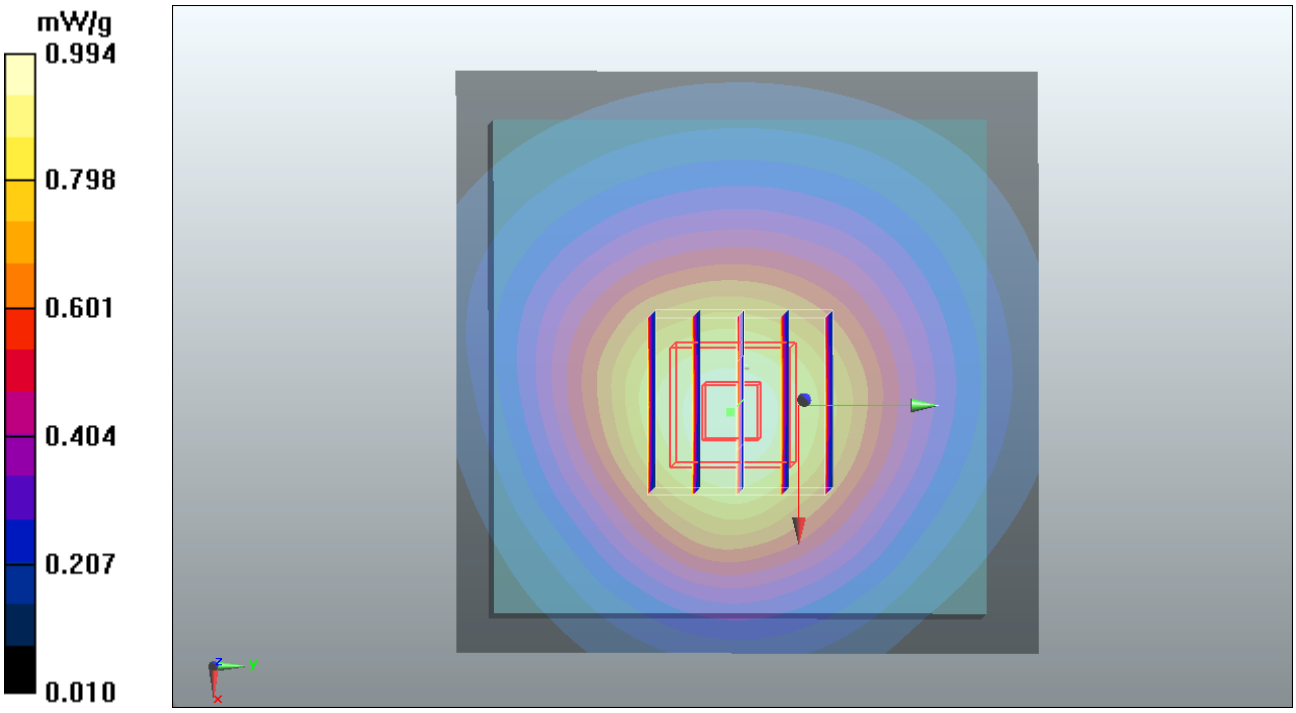
DUT: 0D2801

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_110509 Medium parameters used: f = 836.4 MHz; σ = 0.978 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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

Ch4182/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.994 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32 V/m; Power Drift = -0.103 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.917 mW/g; SAR(10 g) = 0.661 mW/g
Maximum value of SAR (measured) = 0.976 mW/g


mW/g
0.994
0.798
0.601
0.404
0.207
0.010

#40 WCDMA V_RMC 12.2K_Rear Face_1.0cm_Ch4182_2D

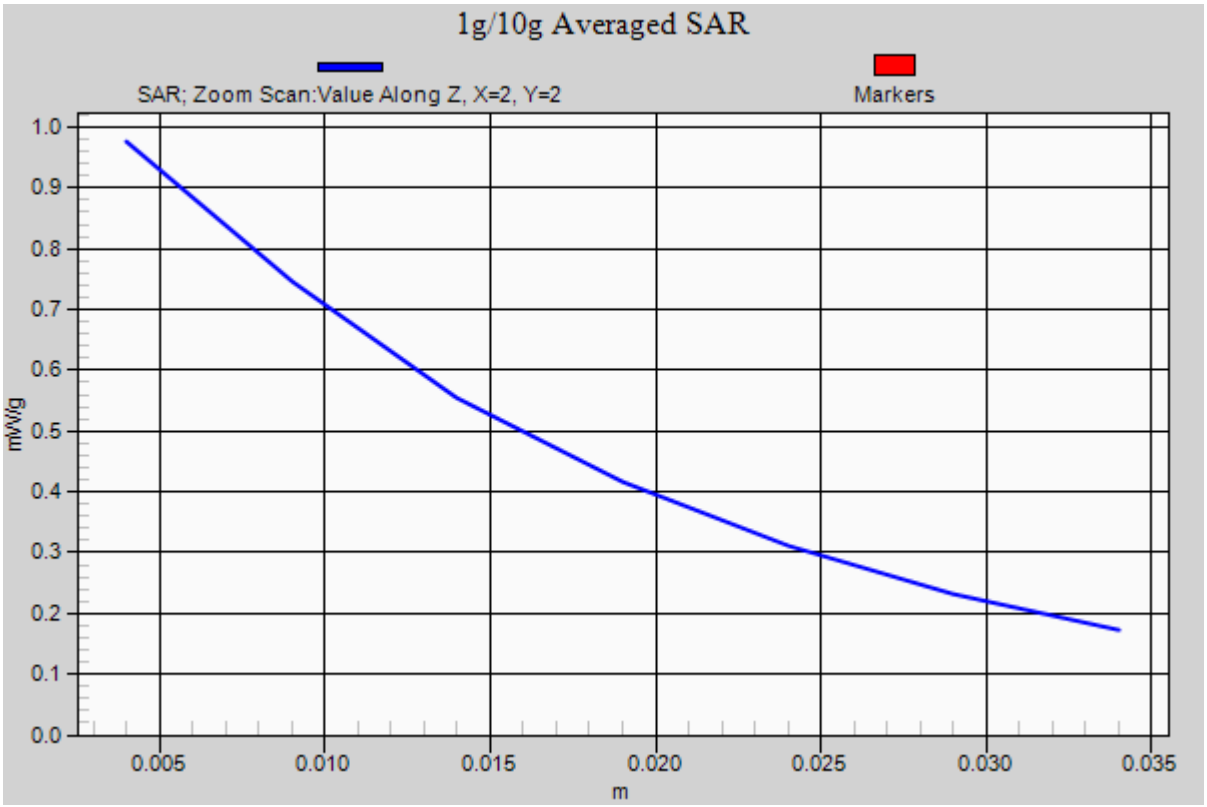
DUT: 0D2801

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_110509 Medium parameters used: f = 836.4 MHz; σ = 0.978 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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

Ch4182/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.994 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32 V/m; Power Drift = -0.103 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.917 mW/g; SAR(10 g) = 0.661 mW/g
Maximum value of SAR (measured) = 0.976 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
Markers
1.0
0.9
0.8
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

#41 WCDMA II_RMC 12.2K_Rear Face_1.0cm_Ch9538

DUT: 0D2801

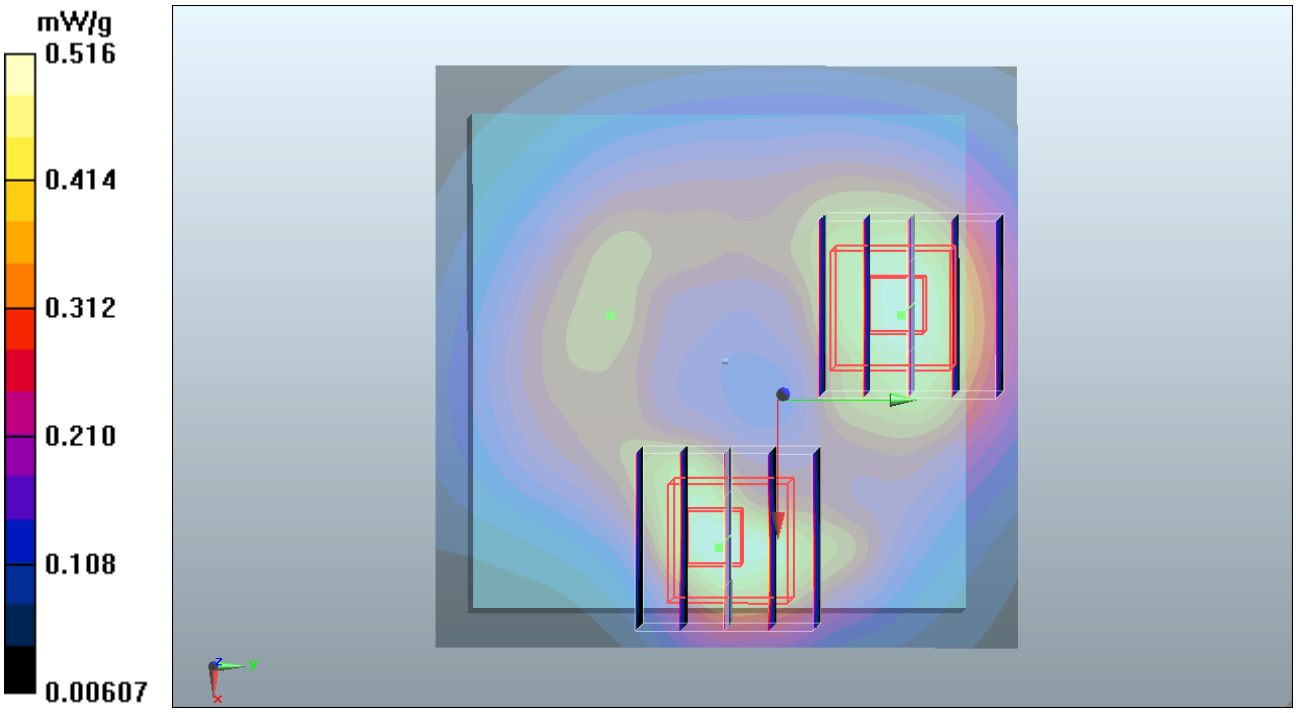
Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110509 Medium parameters used: f = 1908 MHz; σ = 1.54 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch9538/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.516 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = 0.078 dB
Peak SAR (extrapolated) = 0.790 W/kg
SAR(1 g) = 0.478 mW/g; SAR(10 g) = 0.274 mW/g
Maximum value of SAR (measured) = 0.530 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = 0.078 dB
Peak SAR (extrapolated) = 0.634 W/kg
SAR(1 g) = 0.472 mW/g; SAR(10 g) = 0.306 mW/g
Maximum value of SAR (measured) = 0.514 mW/g


mW/g
0.516
0.414
0.312
0.210
0.108
0.00607

#41 WCDMA II_RMC 12.2K_Rear Face_1.0cm_Ch9538_2D

DUT: 0D2801

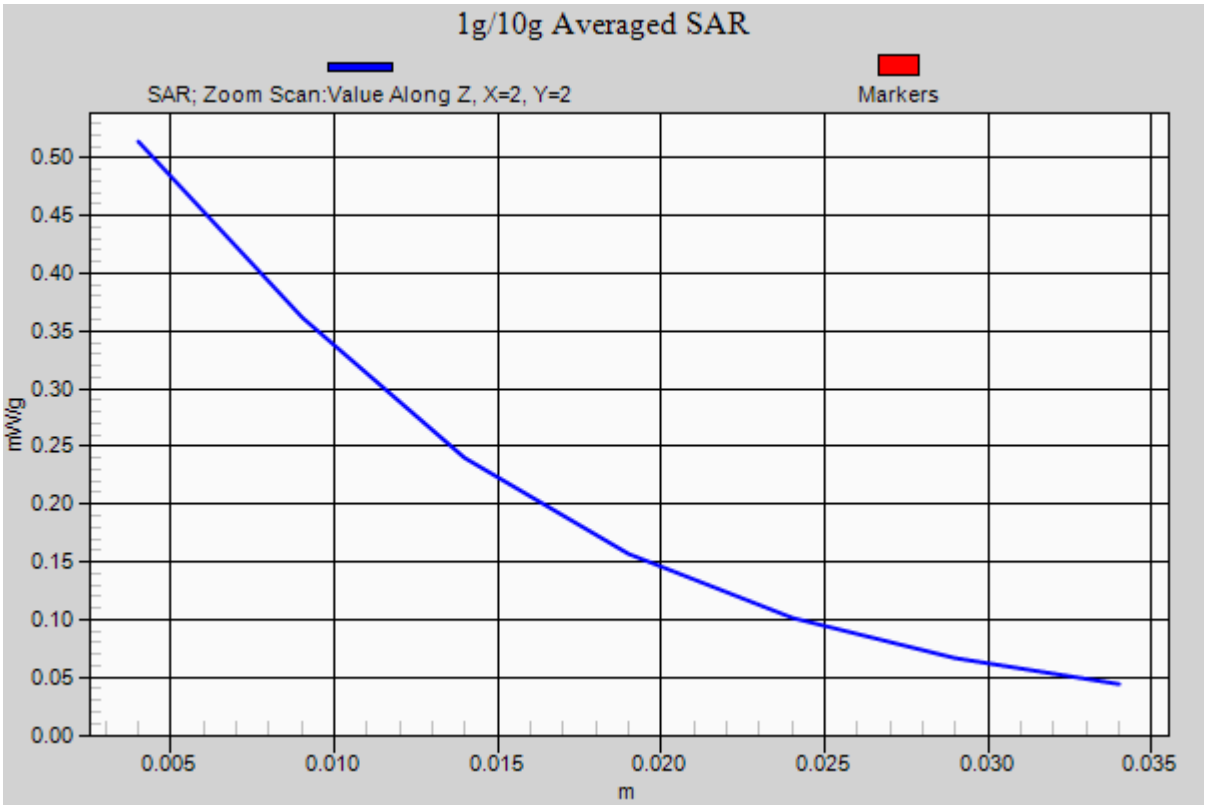
Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110509 Medium parameters used: f = 1908 MHz; σ = 1.54 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch9538/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.516 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = 0.078 dB
Peak SAR (extrapolated) = 0.790 W/kg
SAR(1 g) = 0.478 mW/g; SAR(10 g) = 0.274 mW/g
Maximum value of SAR (measured) = 0.530 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = 0.078 dB
Peak SAR (extrapolated) = 0.634 W/kg
SAR(1 g) = 0.472 mW/g; SAR(10 g) = 0.306 mW/g
Maximum value of SAR (measured) = 0.514 mW/g


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

#23 CDMA2000 BC0_RTAP 153.6_Rear Face_1.0cm_Ch777

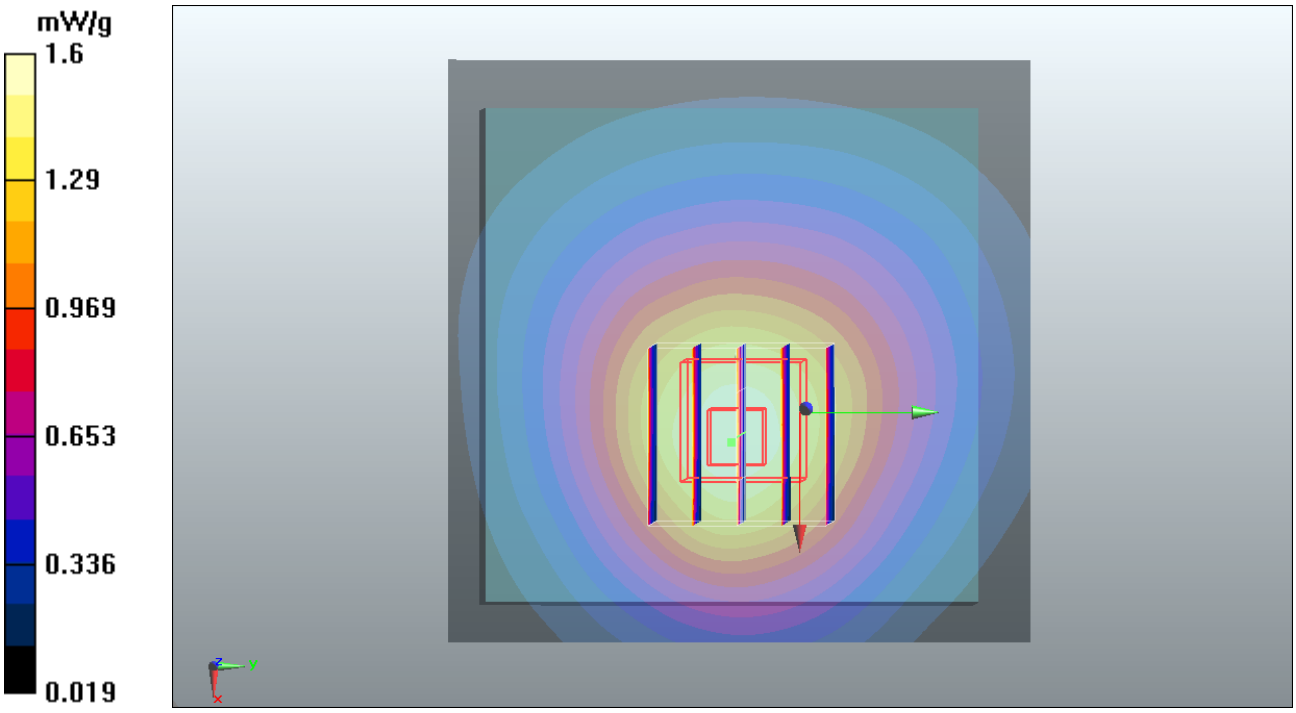
DUT: 0D2801

Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: MSL_835_110509 Medium parameters used: f = 848.31 MHz; σ = 0.989 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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 (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.6 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 39.2 V/m; Power Drift = -0.024 dB
Peak SAR (extrapolated) = 1.84 W/kg
SAR(1 g) = 1.39 mW/g; SAR(10 g) = 0.983 mW/g
Maximum value of SAR (measured) = 1.49 mW/g


mW/g
1.6
1.29
0.969
0.653
0.336
0.019

#23 CDMA2000 BC0_RTAP 153.6_Rear Face_1.0cm_Ch777_2D

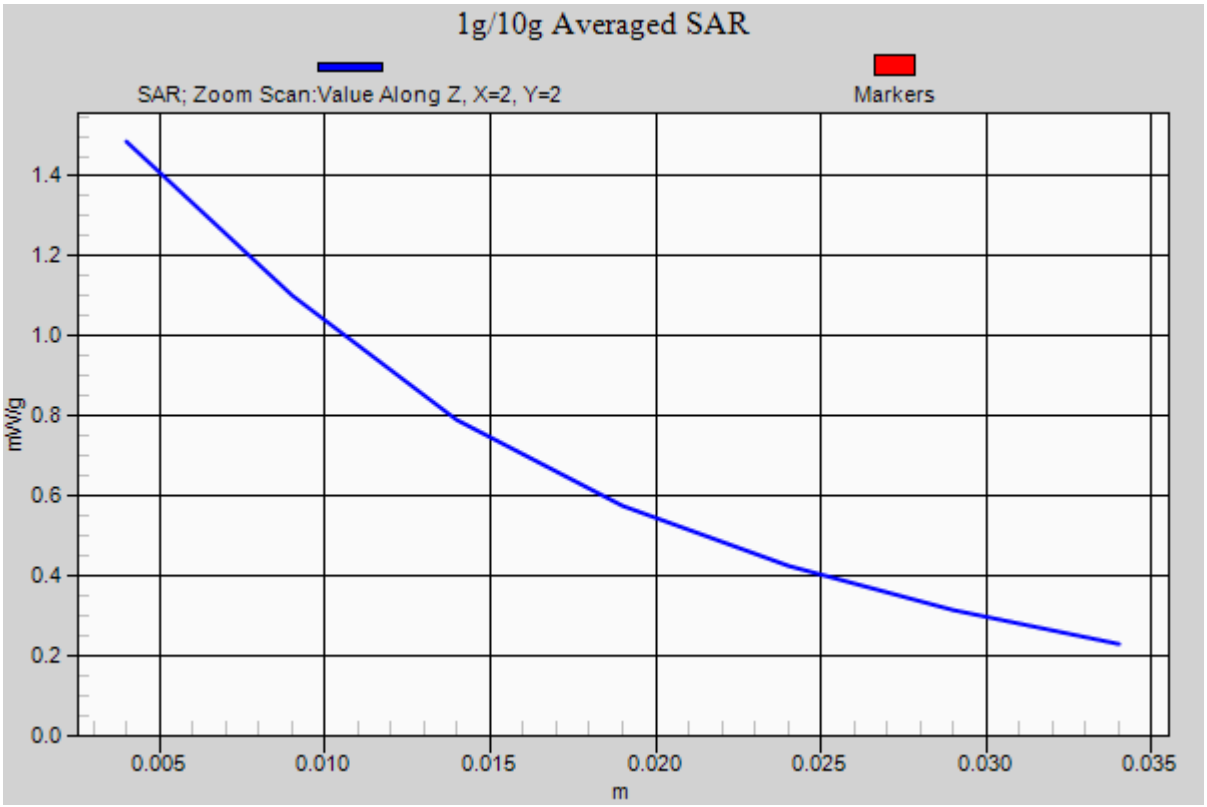
DUT: 0D2801

Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: MSL_835_110509 Medium parameters used: f = 848.31 MHz; σ = 0.989 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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 (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.6 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 39.2 V/m; Power Drift = -0.024 dB
Peak SAR (extrapolated) = 1.84 W/kg
SAR(1 g) = 1.39 mW/g; SAR(10 g) = 0.983 mW/g
Maximum value of SAR (measured) = 1.49 mW/g


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

#29 CDMA2000 BC0_RTAP 153.6_Rear Face_1.0cm_Ch1013

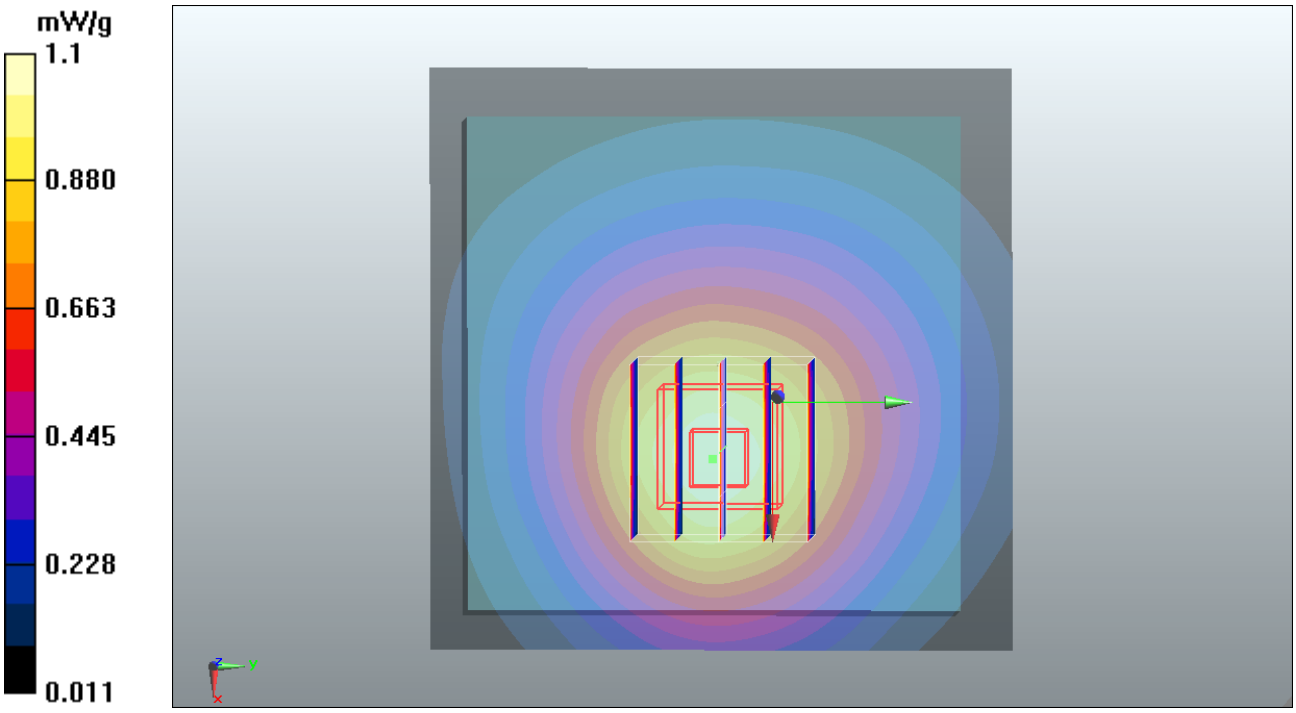
DUT: 0D2801

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_110509 Medium parameters used: f = 825 MHz; σ = 0.968 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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 (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.1 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.7 V/m; Power Drift = 0.110 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.745 mW/g
Maximum value of SAR (measured) = 1.11 mW/g


mW/g
1.1
0.880
0.663
0.445
0.228
0.011

#30 CDMA2000 BC0_RTAP 153.6_Rear Face_1.0cm_Ch384

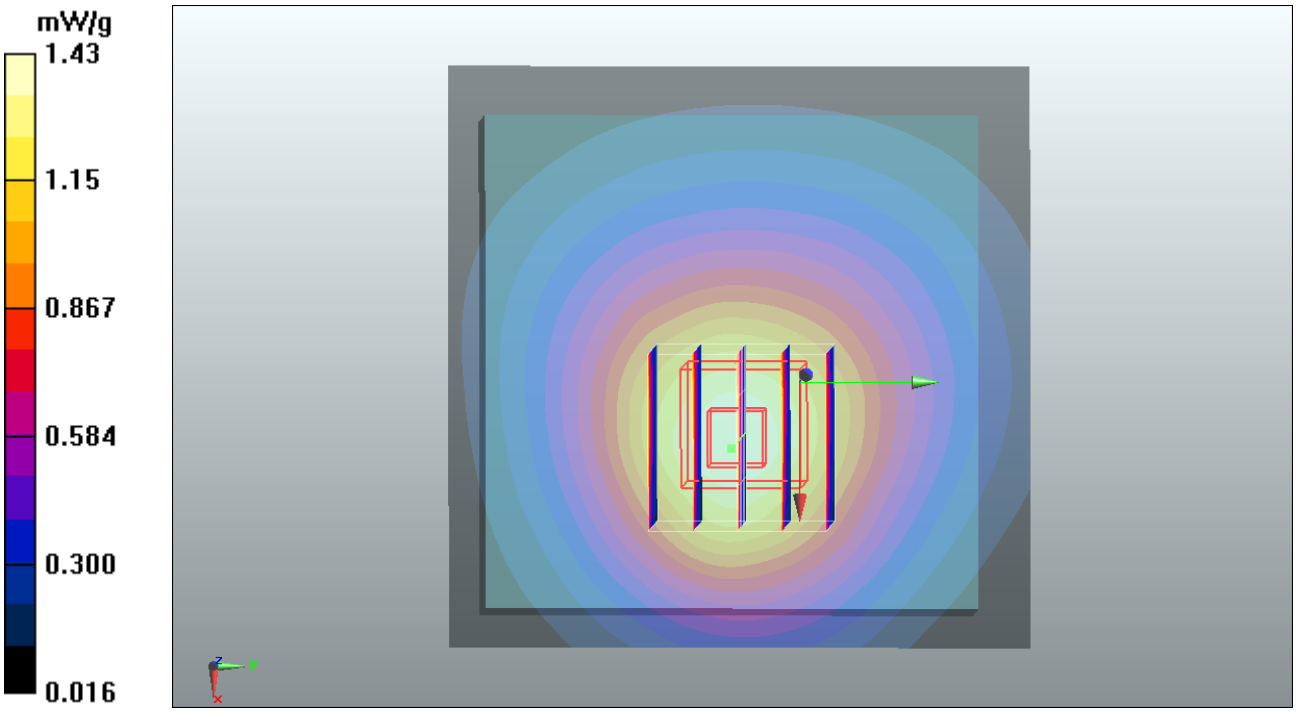
DUT: 0D2801

Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: MSL_835_110509 Medium parameters used: f = 837 MHz; σ = 0.979 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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 (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.43 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 36.4 V/m; Power Drift = -0.100 dB
Peak SAR (extrapolated) = 1.71 W/kg
SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.919 mW/g
Maximum value of SAR (measured) = 1.39 mW/g


mW/g
1.43
1.15
0.867
0.584
0.300
0.016

#01 CDMA2000 BC1_RTAP 153.6_Rear Face_1.0cm_Ch25

DUT: 0D2801

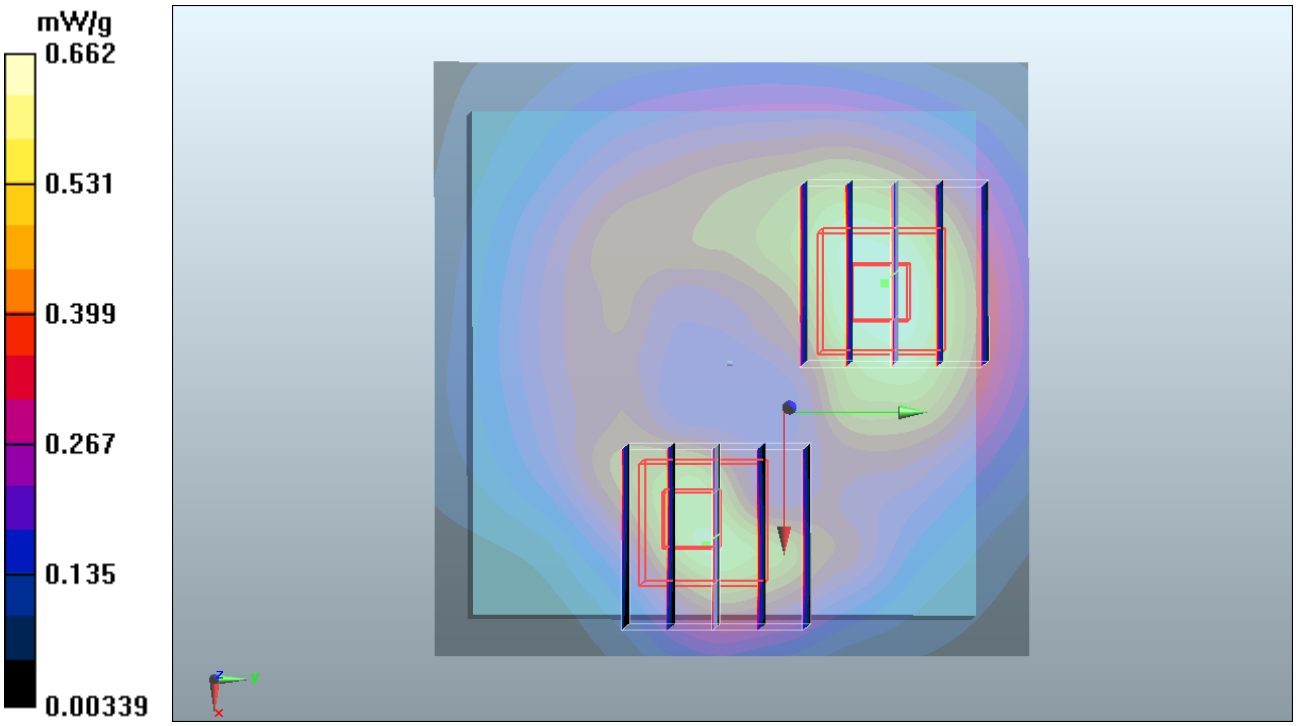
Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110503 Medium parameters used: f = 1851.25 MHz; σ = 1.48 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch25/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.662 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.2 V/m; Power Drift = 0.00165 dB
Peak SAR (extrapolated) = 0.819 W/kg
SAR(1 g) = 0.632 mW/g; SAR(10 g) = 0.420 mW/g
Maximum value of SAR (measured) = 0.679 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.2 V/m; Power Drift = 0.00165 dB
Peak SAR (extrapolated) = 0.907 W/kg
SAR(1 g) = 0.568 mW/g; SAR(10 g) = 0.324 mW/g
Maximum value of SAR (measured) = 0.611 mW/g


mW/g
0.662
0.531
0.399
0.267
0.135
0.00339

#07 LTE750_10M_QPSK(25-13)_Rear Face_1cm_Ch23230

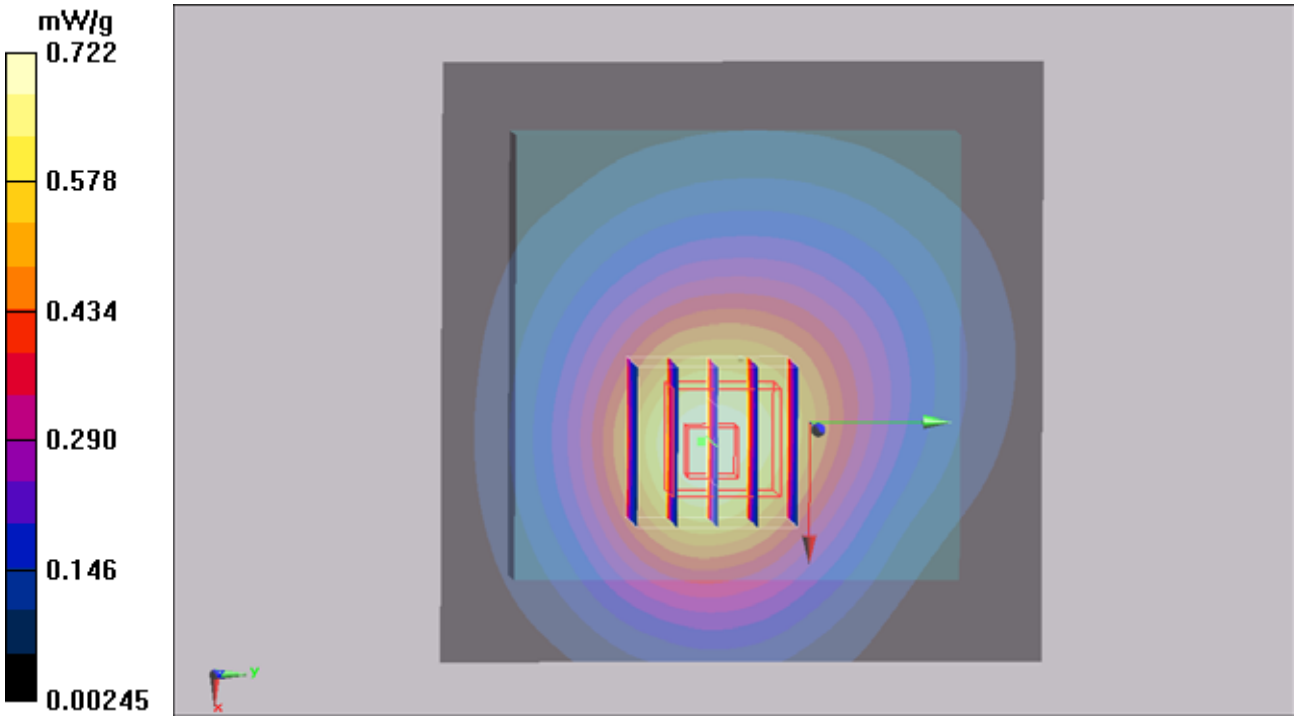
DUT: 0D2830

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_110513 Medium parameters used: f = 782.237 MHz; σ = 0.922 mho/m; ε_r = 53.8; ρ = 1000 kg/m^3
Ambient Temperature：22.7 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch23230/Area Scan (61x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.722 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.5 V/m; Power Drift = -0.071 dB
Peak SAR (extrapolated) = 0.944 W/kg
SAR(1 g) = 0.678 mW/g; SAR(10 g) = 0.475 mW/g
Maximum value of SAR (measured) = 0.721 mW/g


mW/g
0.722
0.578
0.434
0.290
0.146
0.00245

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/5/6

#01 LTE750_10M_QPSK(1-49)_Rear Face_1cm_Ch23230

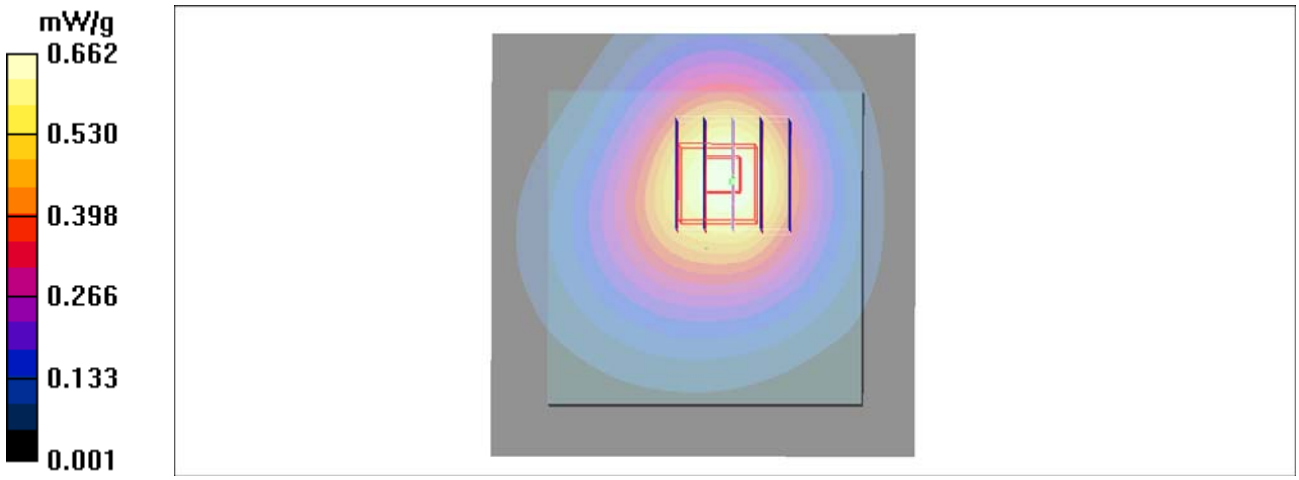
DUT: 0D2830

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750 Medium parameters used: f = 782.237 MHz; σ = 0.95 mho/m; ε_r = 53.8; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23230/Area Scan (61x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.662 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.2 V/m; Power Drift = 0.054 dB
Peak SAR (extrapolated) = 0.851 W/kg
SAR(1 g) = 0.616 mW/g; SAR(10 g) = 0.432 mW/g
Maximum value of SAR (measured) = 0.647 mW/g



#06 LTE750_10M_QPSK(1-0)_Rear Face_1cm_Ch23230

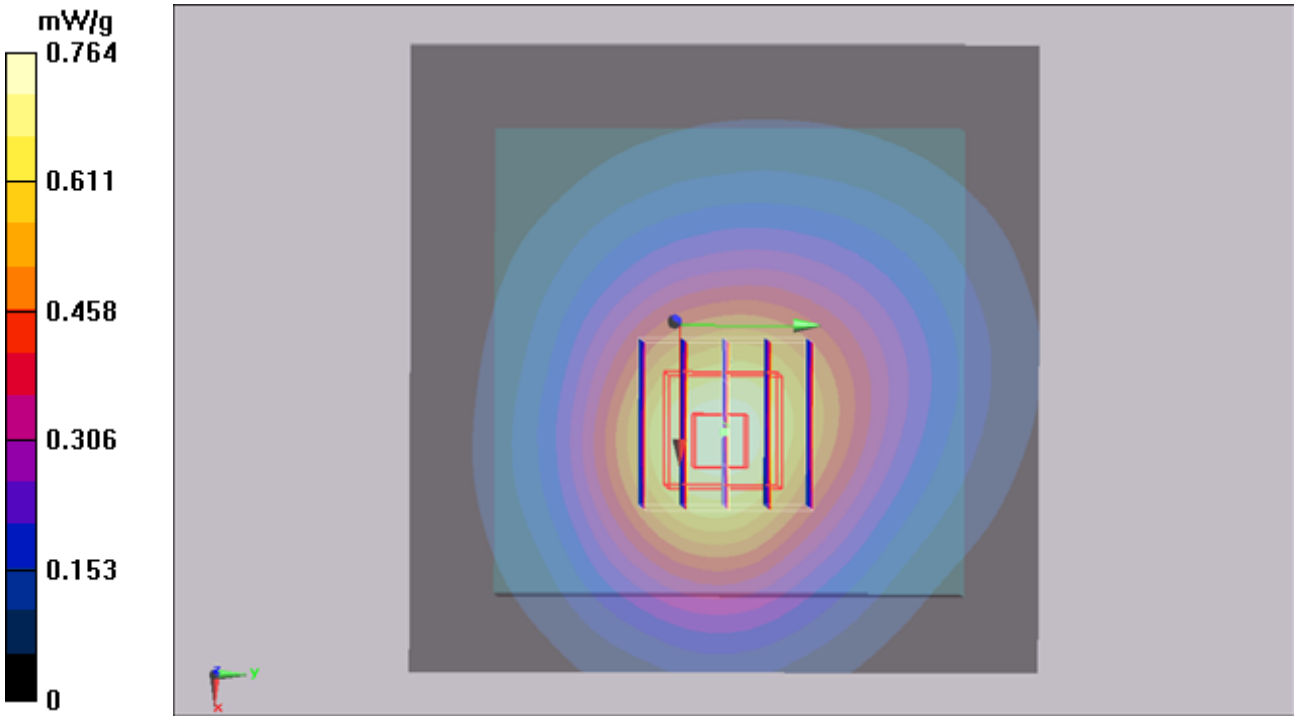
DUT: 0D2830

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_110513 Medium parameters used: f = 782.237 MHz; σ = 0.922 mho/m; ε_r = 53.8; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch23230/Area Scan (61x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.764 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.5 V/m; Power Drift = 0.102 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.717 mW/g; SAR(10 g) = 0.502 mW/g
Maximum value of SAR (measured) = 0.752 mW/g


mW/g
0.764
0.611
0.458
0.306
0.153
0

#11 LTE750_10M_16QAM(25-13)_Rear Face_1cm_Ch23230

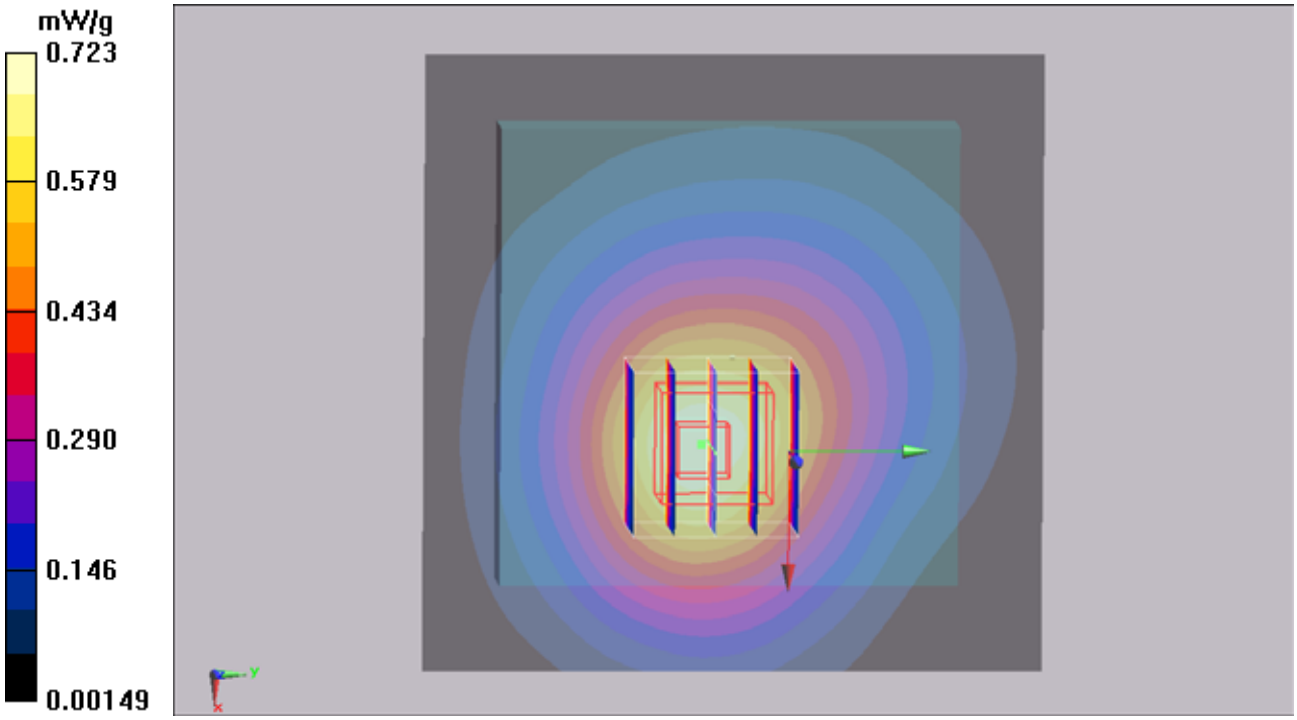
DUT: 0D2830

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_110513 Medium parameters used: f = 782.237 MHz; σ = 0.922 mho/m; ε_r = 53.8; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch23230/Area Scan (61x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.723 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.3 V/m; Power Drift = -0.105 dB
Peak SAR (extrapolated) = 0.912 W/kg
SAR(1 g) = 0.667 mW/g; SAR(10 g) = 0.469 mW/g
Maximum value of SAR (measured) = 0.703 mW/g


mW/g
0.723
0.579
0.434
0.290
0.146
0.00149

#10 LTE750_10M_16QAM(1-0)_Rear Face_1cm_Ch23230

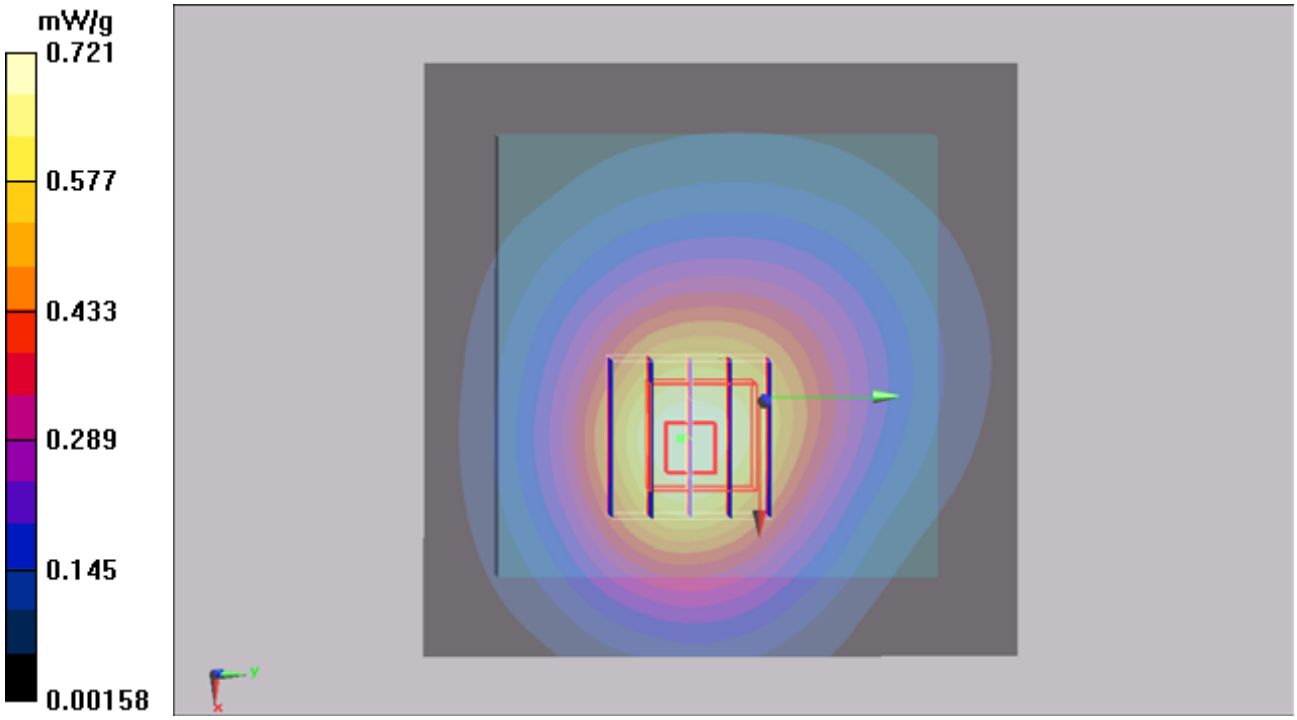
DUT: 0D2830

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_110513 Medium parameters used: f = 782.237 MHz; σ = 0.922 mho/m; ε_r = 53.8; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch23230/Area Scan (61x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.721 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.5 V/m; Power Drift = -0.151 dB
Peak SAR (extrapolated) = 0.931 W/kg
SAR(1 g) = 0.670 mW/g; SAR(10 g) = 0.470 mW/g
Maximum value of SAR (measured) = 0.708 mW/g


mW/g
0.721
0.577
0.433
0.289
0.145
0.00158

#09 LTE750_10M_16QAM(1-49)_Rear Face_1cm_Ch23230

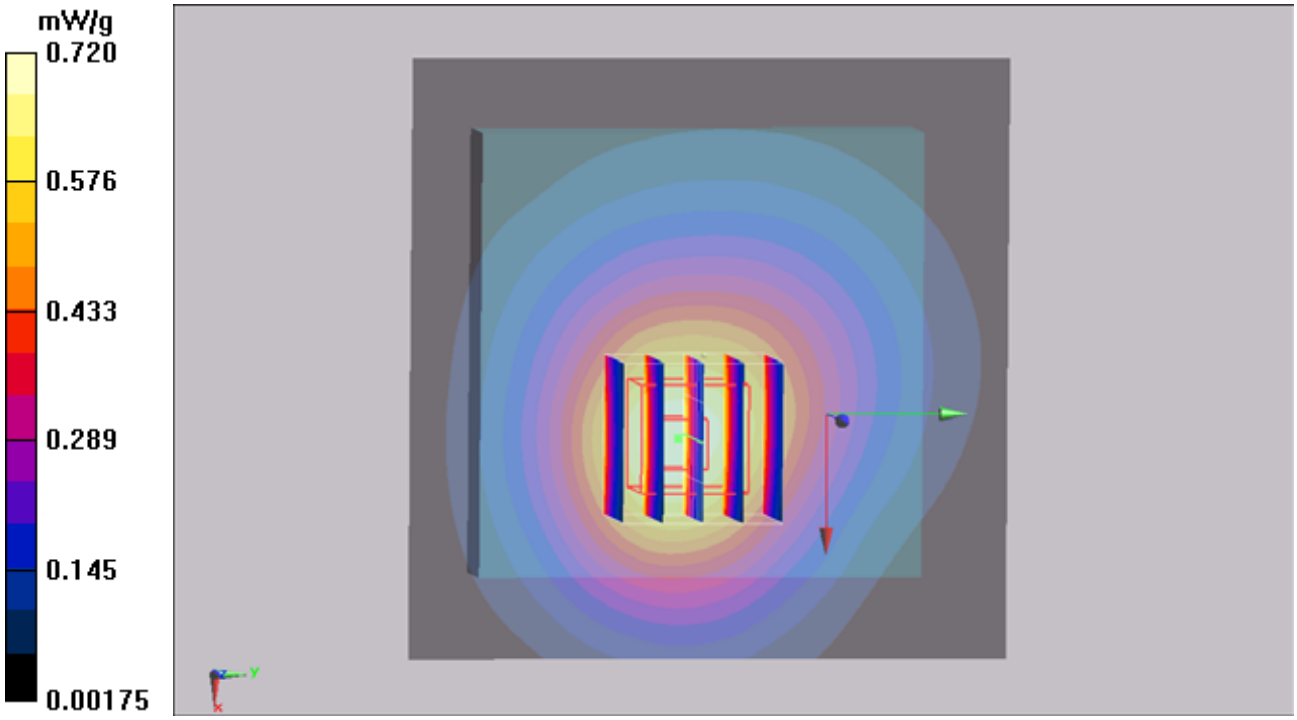
DUT: 0D2830

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_110513 Medium parameters used: f = 782.237 MHz; σ = 0.922 mho/m; ε_r = 53.8; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch23230/Area Scan (61x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.720 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.4 V/m; Power Drift = -0.127 dB
Peak SAR (extrapolated) = 0.927 W/kg
SAR(1 g) = 0.667 mW/g; SAR(10 g) = 0.469 mW/g
Maximum value of SAR (measured) = 0.707 mW/g


mW/g
0.720
0.576
0.433
0.289
0.145
0.00175

#47 802.11b_Rear Face_Ch1_5.5M_13

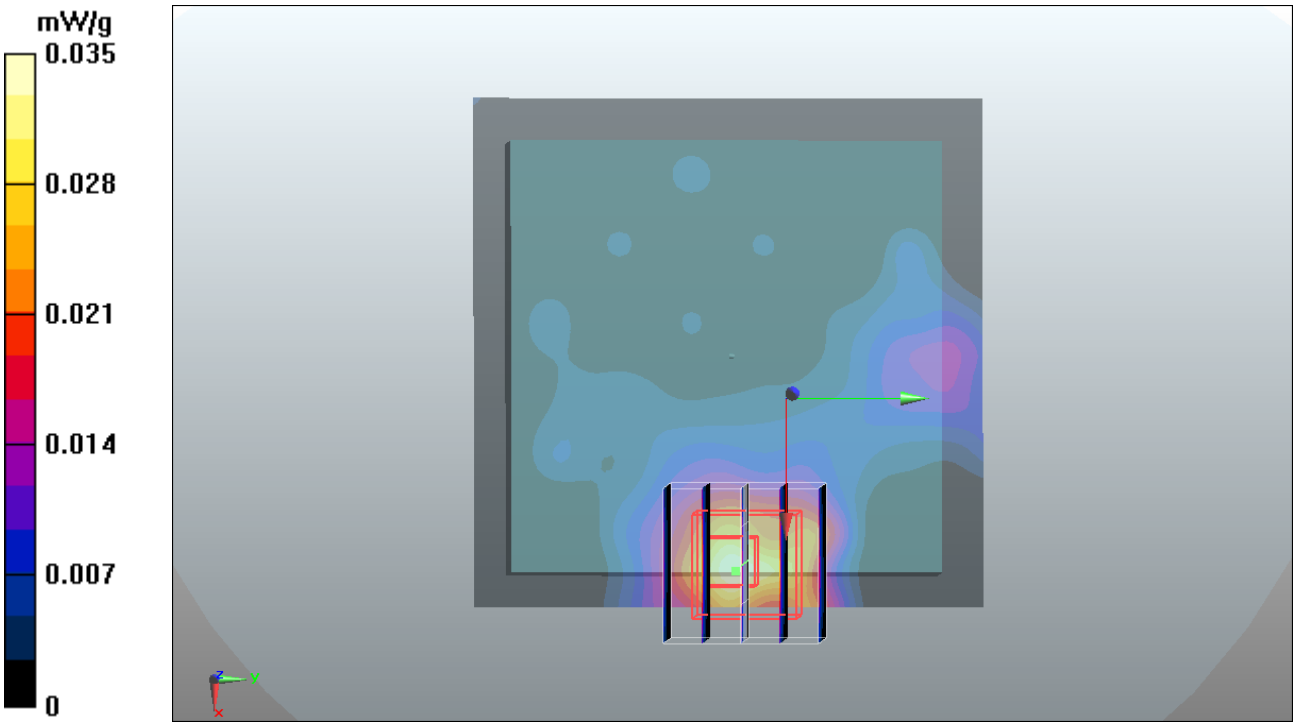
DUT: 0D2801

Communication System: Wifi; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110505 Medium parameters used: f = 2412 MHz; σ = 1.92 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.04, 4.04, 4.04); 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

Ch1/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.035 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.781 V/m; Power Drift = 0.045 dB
Peak SAR (extrapolated) = 0.052 W/kg
SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.014 mW/g
Maximum value of SAR (measured) = 0.028 mW/g


mW/g
0.035
0.028
0.021
0.014
0.007
0

#18 GSM850_GPRS10_Bottom Side_1.0cm_Ch189

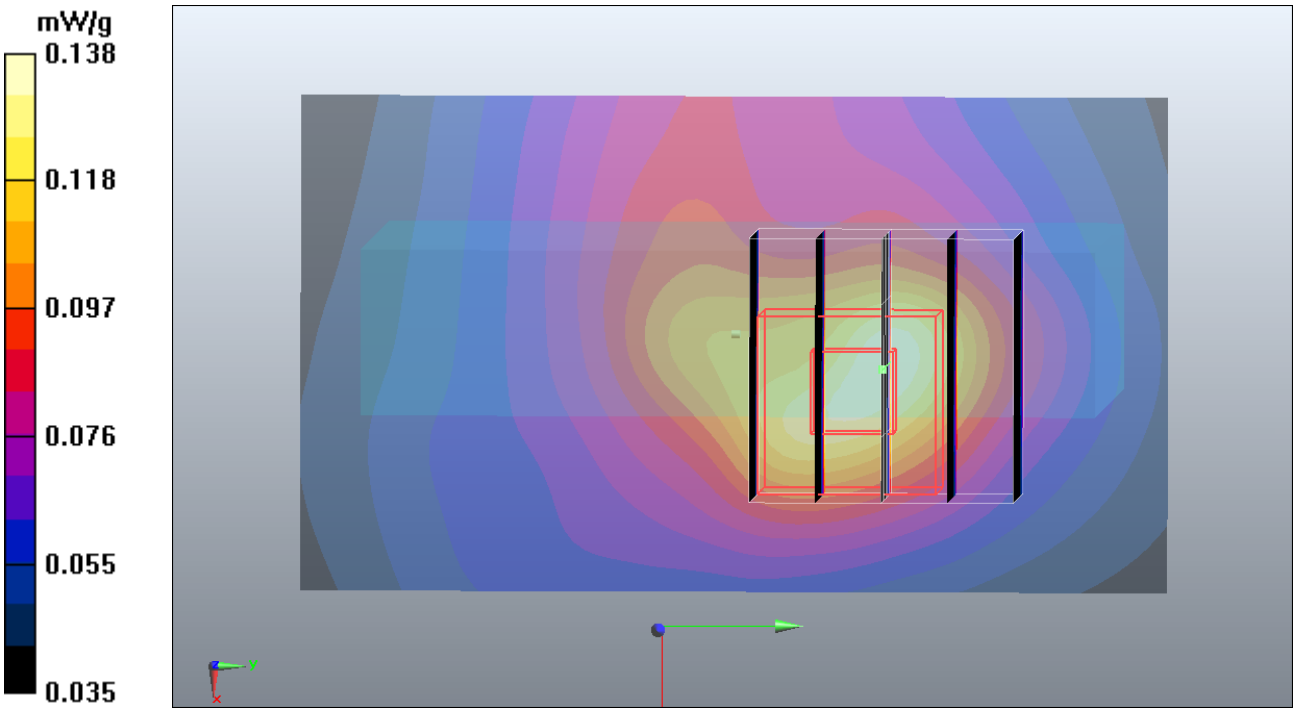
DUT: 0D2801

Communication System: GPRS/EDGE 10; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_835_110509 Medium parameters used: f = 836.4 MHz; σ = 0.978 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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

Ch189/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.138 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.4 V/m; Power Drift = -0.029 dB
Peak SAR (extrapolated) = 0.269 W/kg
SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.077 mW/g
Maximum value of SAR (measured) = 0.140 mW/g


mW/g
0.138
0.118
0.097
0.076
0.055
0.035

#12 GSM1900_GPRS10_Bottom Side_1.0cm_Ch661

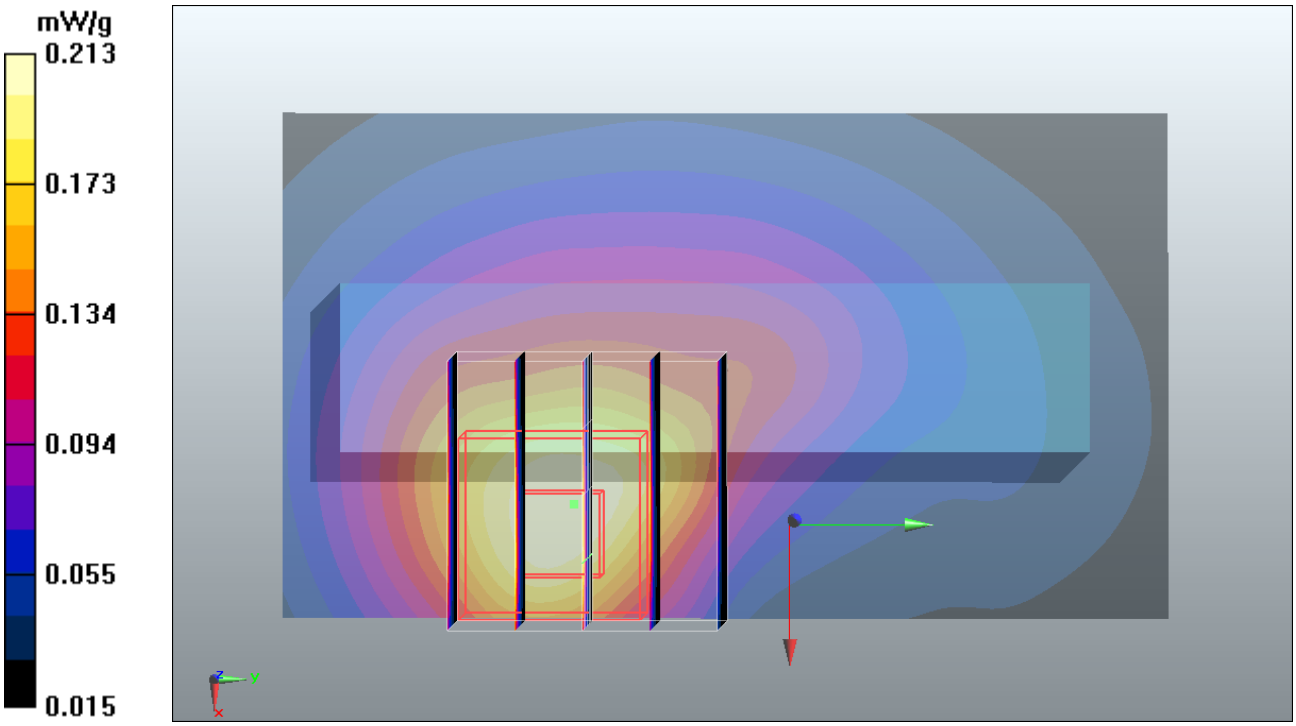
DUT: 0D2801

Communication System: GPRS/EDGE 10; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110503 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.213 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.1 V/m; Power Drift = -0.072 dB
Peak SAR (extrapolated) = 0.297 W/kg
SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.125 mW/g
Maximum value of SAR (measured) = 0.218 mW/g


mW/g
0.213
0.173
0.134
0.094
0.055
0.015

#38 WCDMA V_RMC 12.2K_Bottom Side_1.0cm_Ch4233

DUT: 0D2801

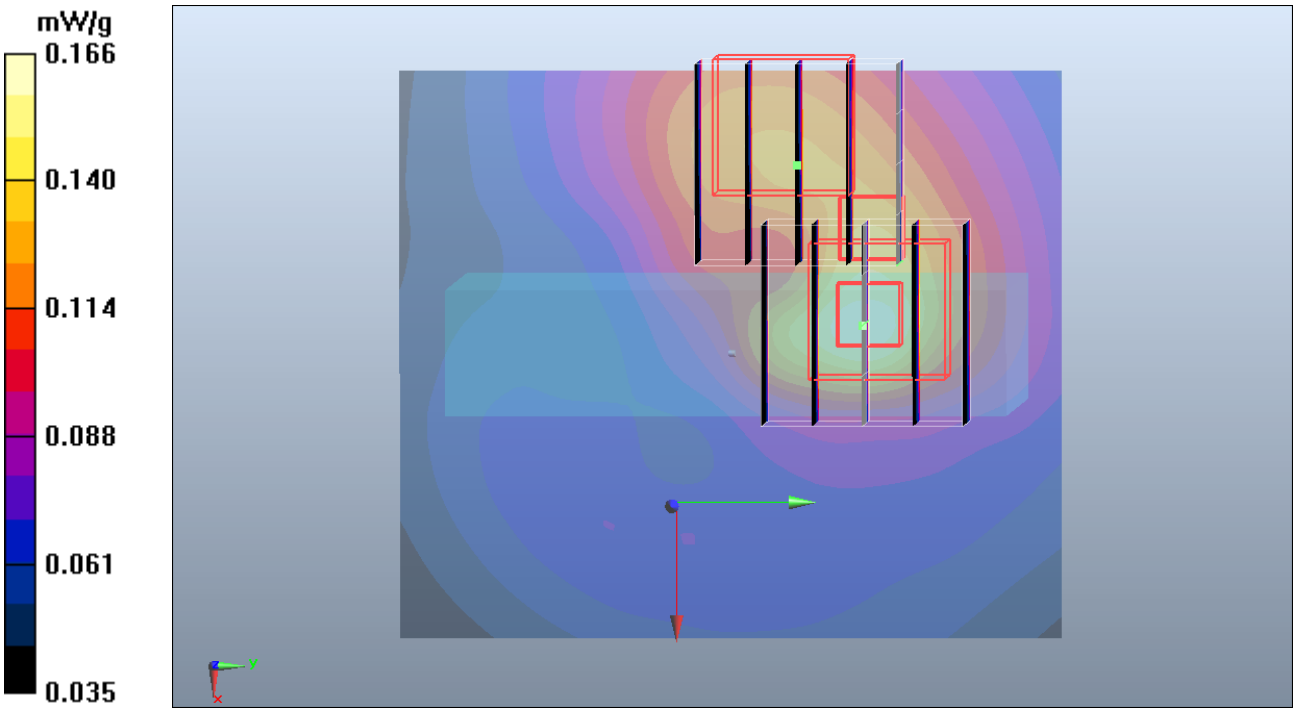
Communication System: UMTS; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_110509 Medium parameters used: f = 847 MHz; σ = 0.988 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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

Ch4233/Area Scan (61x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.166 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = 0.110 dB
Peak SAR (extrapolated) = 0.295 W/kg
SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.095 mW/g
Maximum value of SAR (measured) = 0.173 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = 0.110 dB
Peak SAR (extrapolated) = 0.229 W/kg
SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.090 mW/g
Maximum value of SAR (measured) = 0.146 mW/g


mW/g
0.166
0.140
0.114
0.088
0.061
0.035

#46 WCDMA II_RMC 12.2K_Bottom Side_1.0cm_Ch9538

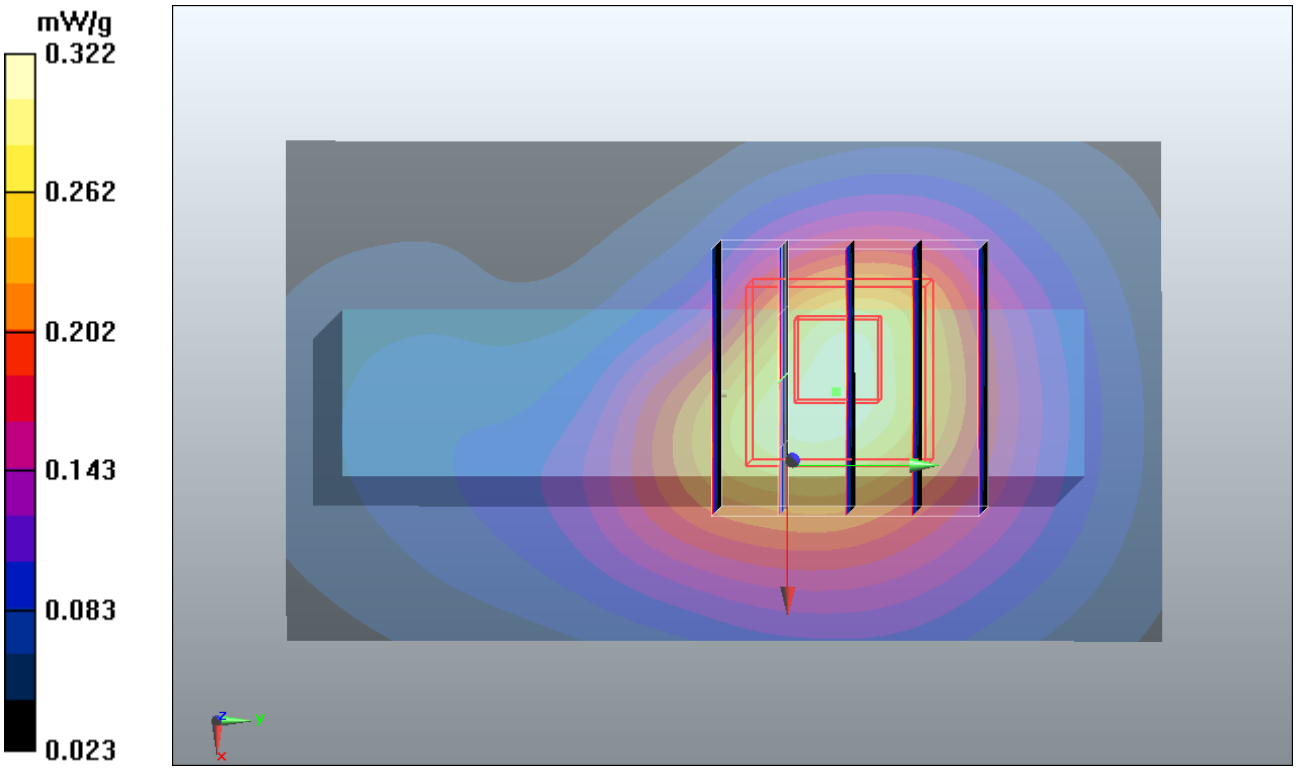
DUT: 0D2801

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110509 Medium parameters used: f = 1908 MHz; σ = 1.54 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch9538/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.322 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.1 V/m; Power Drift = -0.029 dB
Peak SAR (extrapolated) = 0.411 W/kg
SAR(1 g) = 0.289 mW/g; SAR(10 g) = 0.178 mW/g
Maximum value of SAR (measured) = 0.304 mW/g


mW/g
0.322
0.262
0.202
0.143
0.083
0.023

#28 CDMA2000 BC0_RTAP 153.6_Bottom Side_1.0cm_Ch777

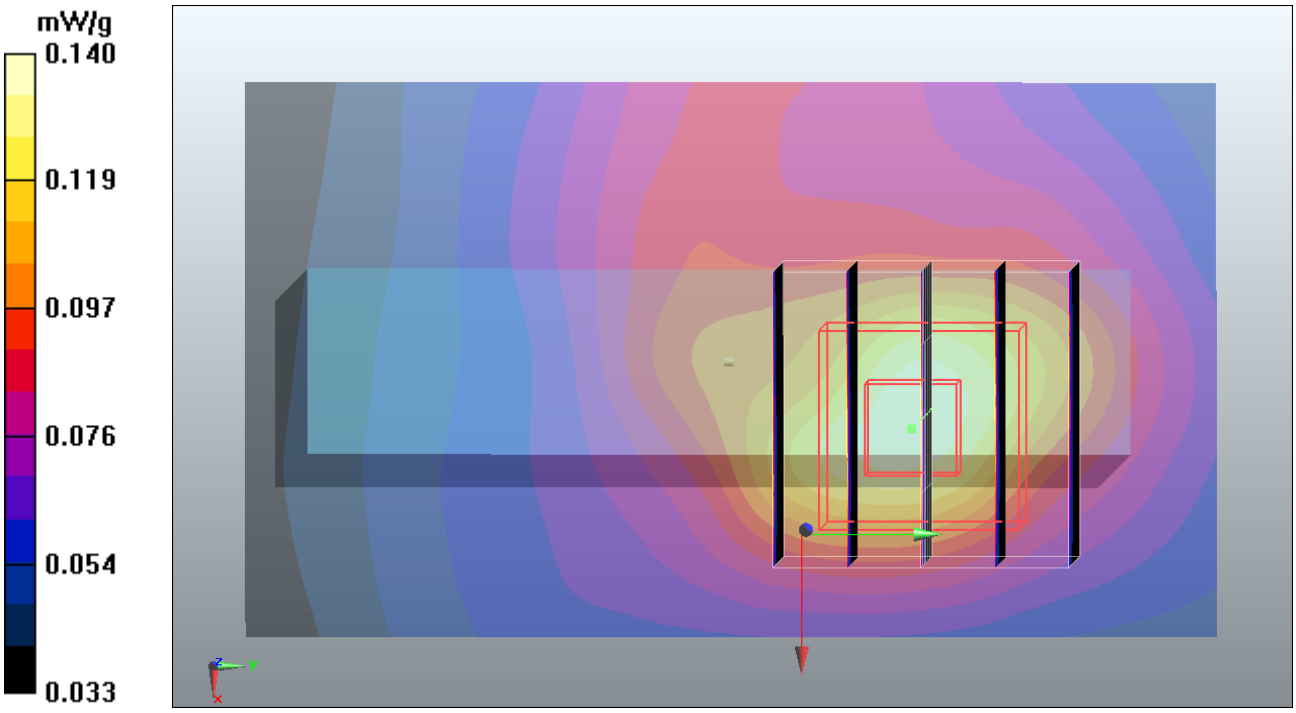
DUT: 0D2801

Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: MSL_835_110509 Medium parameters used: f = 848.31 MHz; σ = 0.989 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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 (41x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.140 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.7 V/m; Power Drift = -0.00181 dB
Peak SAR (extrapolated) = 0.249 W/kg
SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.080 mW/g
Maximum value of SAR (measured) = 0.147 mW/g


mW/g
0.140
0.119
0.097
0.076
0.054
0.033

#06 CDMA2000 BC1_RTAP 153.6_Bottom Side_1.0cm_Ch25

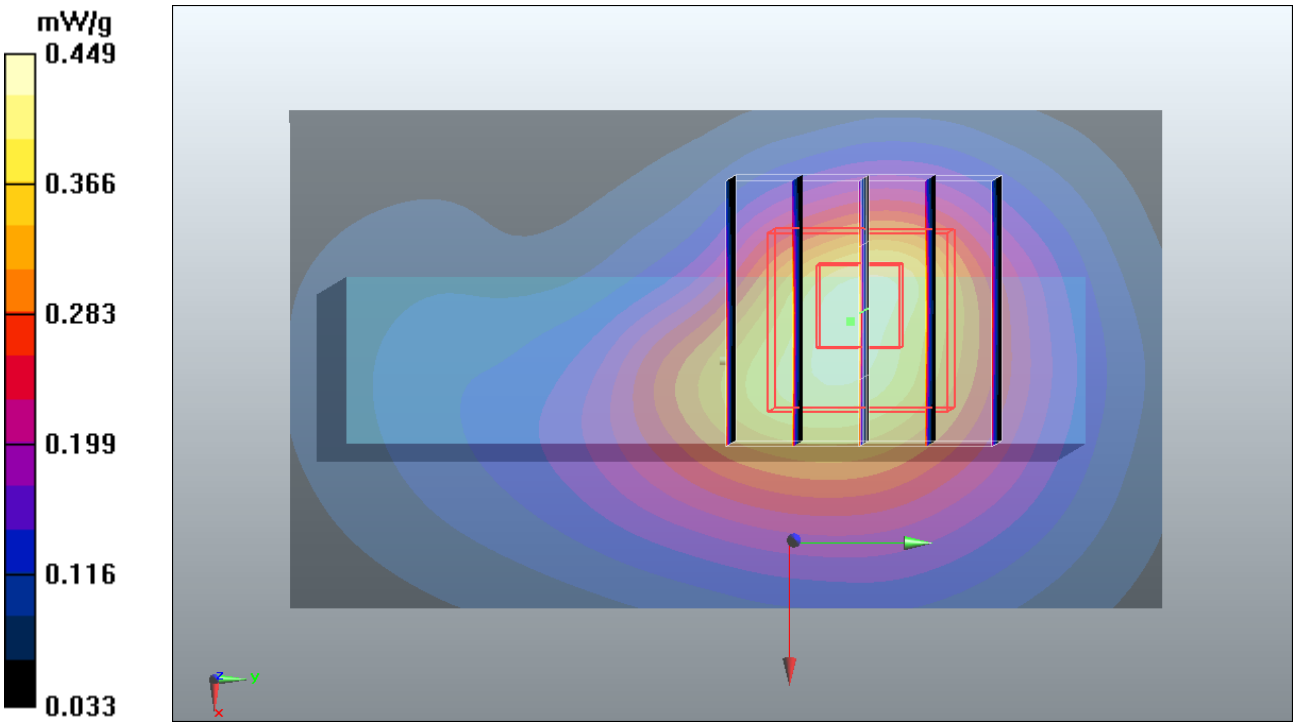
DUT: 0D2801

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110503 Medium parameters used: f = 1851.25 MHz; σ = 1.48 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch25/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.449 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.9 V/m; Power Drift = 0.126 dB
Peak SAR (extrapolated) = 0.563 W/kg
SAR(1 g) = 0.406 mW/g; SAR(10 g) = 0.251 mW/g
Maximum value of SAR (measured) = 0.449 mW/g


mW/g
0.449
0.366
0.283
0.199
0.116
0.033

#16 LTE750_10M_QPSK(25-13)_Bottom Side_1cm_Ch23230

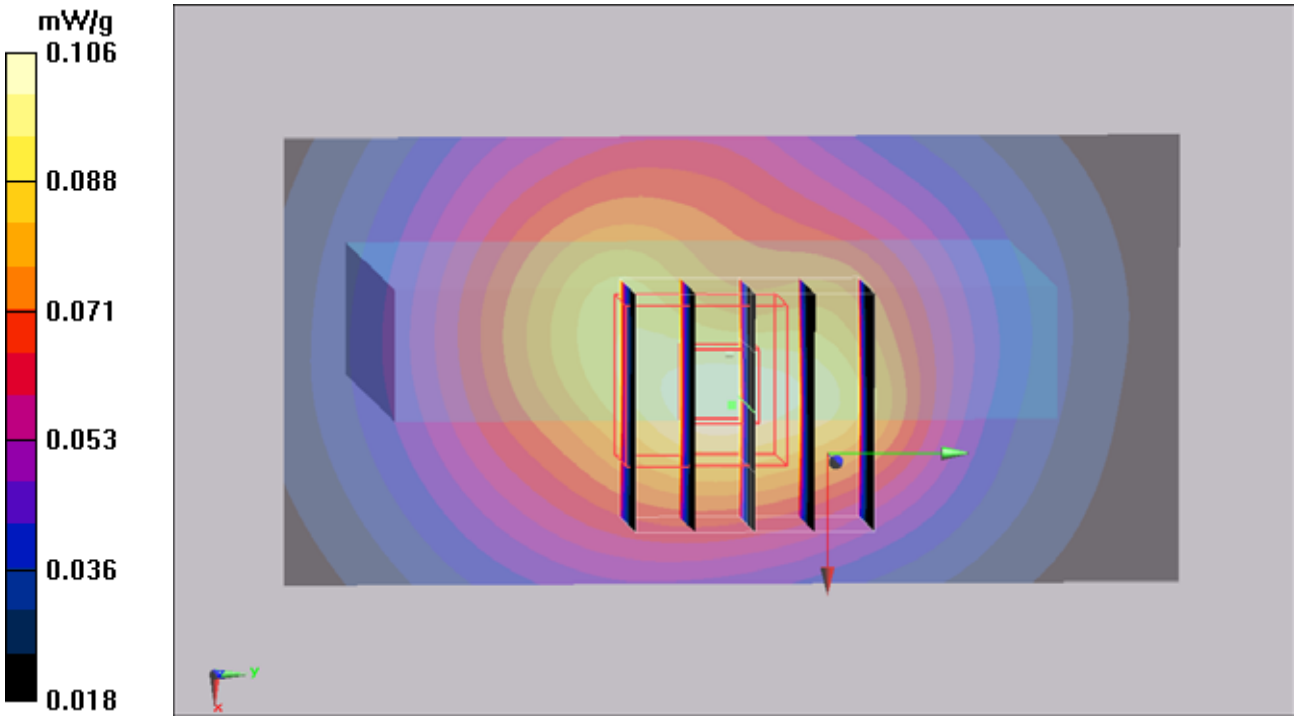
DUT: 0D2830

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_110514 Medium parameters used: f = 782.237 MHz; σ = 0.935 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch23230/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.106 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = 0.178 dB
Peak SAR (extrapolated) = 0.168 W/kg
SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.067 mW/g
Maximum value of SAR (measured) = 0.113 mW/g


mW/g
0.106
0.088
0.071
0.053
0.036
0.018

#05 LTE750_10M_QPSK(1-49)_Bottom Side_1cm_Ch23230

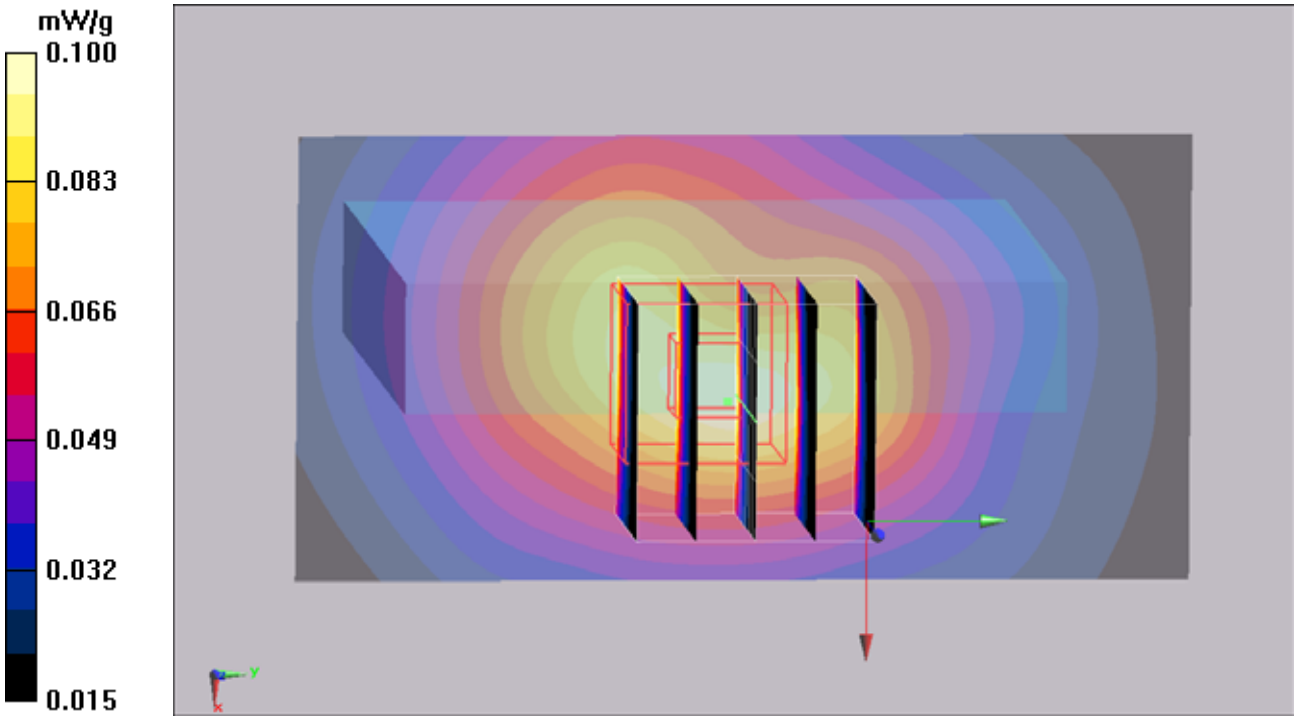
DUT: 0D2830

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_110513 Medium parameters used: f = 782.237 MHz; σ = 0.922 mho/m; ε_r = 53.8; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch23230/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.100 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.5 V/m; Power Drift = -0.058 dB
Peak SAR (extrapolated) = 0.159 W/kg
SAR(1 g) = 0.099 mW/g; SAR(10 g) = 0.063 mW/g
Maximum value of SAR (measured) = 0.107 mW/g


mW/g
0.100
0.083
0.066
0.049
0.032
0.015

#20 LTE750_10M_QPSK(1-0)_Bottom Side_1cm_Ch23230

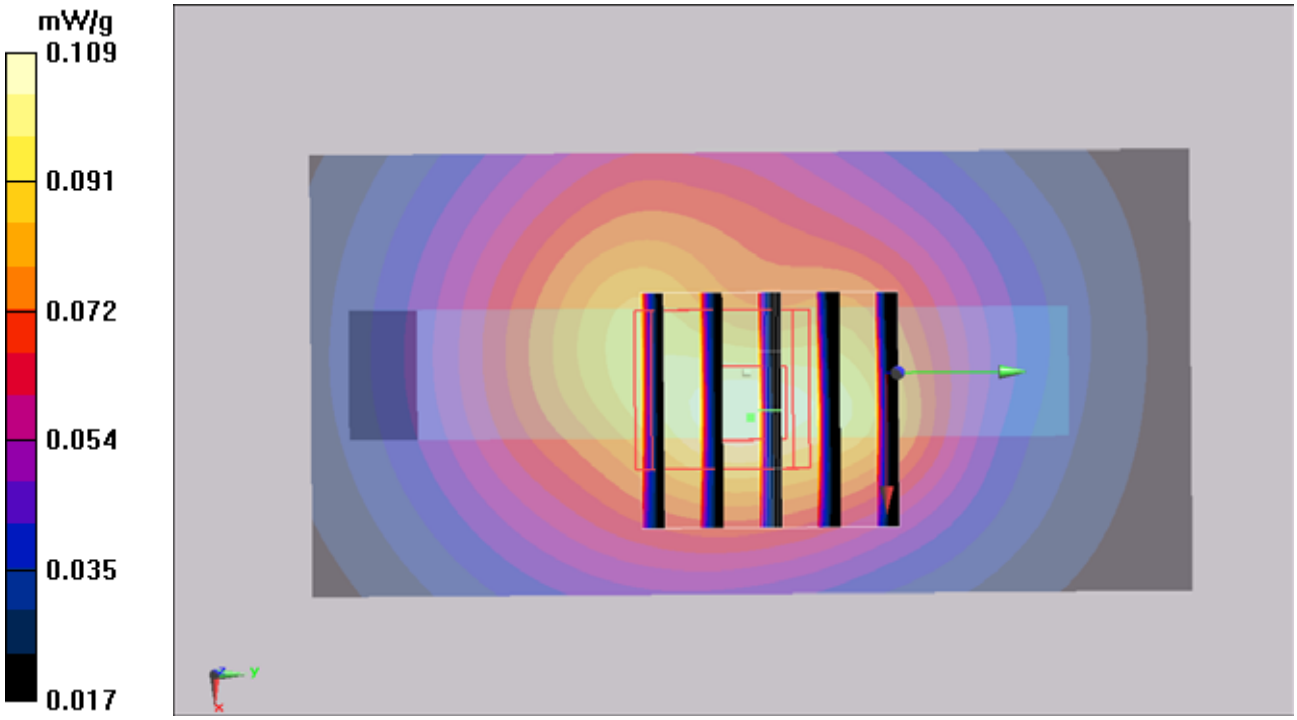
DUT: 0D2830

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_110514 Medium parameters used: f = 782.237 MHz; σ = 0.935 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch23230/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.109 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.8 V/m; Power Drift = -0.175 dB
Peak SAR (extrapolated) = 0.170 W/kg
SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.067 mW/g
Maximum value of SAR (measured) = 0.115 mW/g


mW/g
0.109
0.091
0.072
0.054
0.035
0.017

#24 LTE750_10M_16QAM(25-13)_Bottom Side_1cm_Ch23230

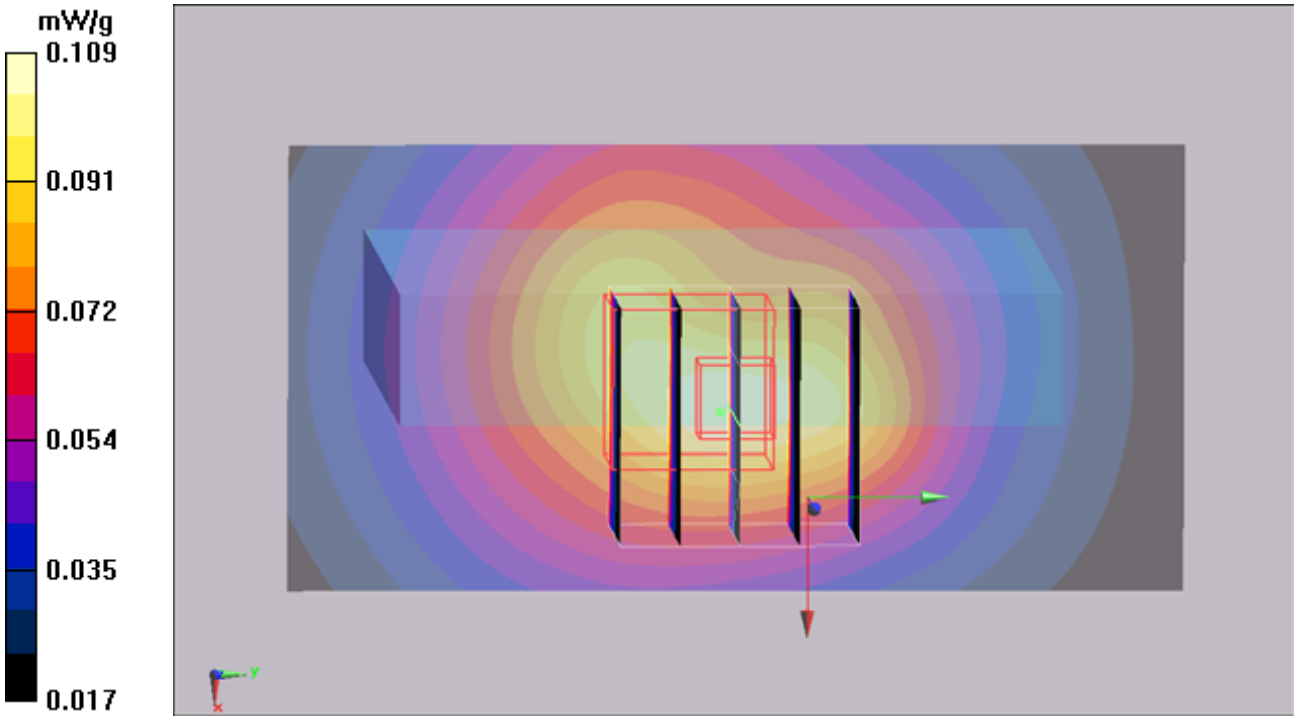
DUT: 0D2830

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_110514 Medium parameters used: f = 782.237 MHz; σ = 0.935 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch23230/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.109 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.8 V/m; Power Drift = -0.069 dB
Peak SAR (extrapolated) = 0.170 W/kg
SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.067 mW/g
Maximum value of SAR (measured) = 0.113 mW/g


mW/g
0.109
0.091
0.072
0.054
0.035
0.017

#33 LTE750_10M_16QAM(1-49)_Bottom Side_1cm_Ch23230

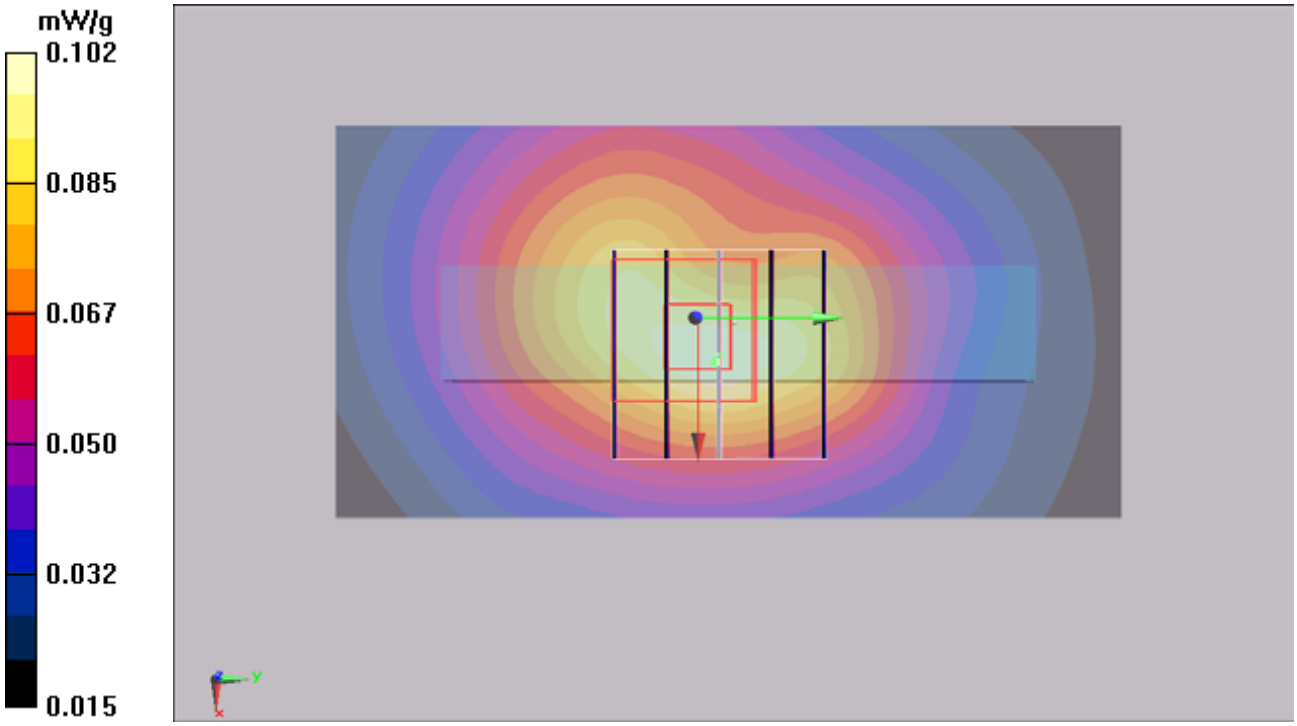
DUT: 0D2830

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_110514 Medium parameters used: f = 782.237 MHz; σ = 0.935 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch23230/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.102 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.5 V/m; Power Drift = -0.058 dB
Peak SAR (extrapolated) = 0.163 W/kg
SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.065 mW/g
Maximum value of SAR (measured) = 0.109 mW/g


mW/g
0.102
0.085
0.067
0.050
0.032
0.015

#28 LTE750_10M_16QAM(1-0)_Bottom Side_1cm_Ch23230

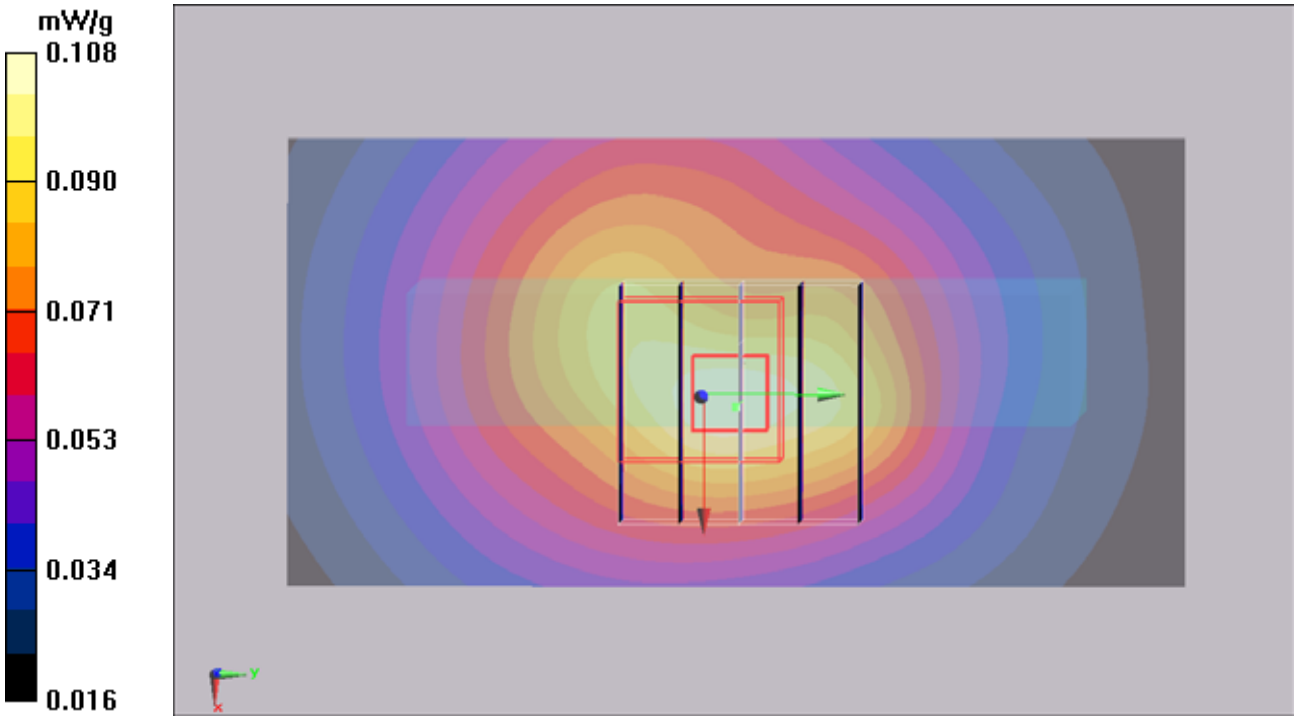
DUT: 0D2830

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_110514 Medium parameters used: f = 782.237 MHz; σ = 0.935 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Ambient Temperature：22.7 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch23230/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.108 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.7 V/m; Power Drift = -0.138 dB
Peak SAR (extrapolated) = 0.170 W/kg
SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.066 mW/g
Maximum value of SAR (measured) = 0.113 mW/g


mW/g
0.108
0.090
0.071
0.053
0.034
0.016

#52 802.11b_Bottom Side_Ch1_5.5M_13

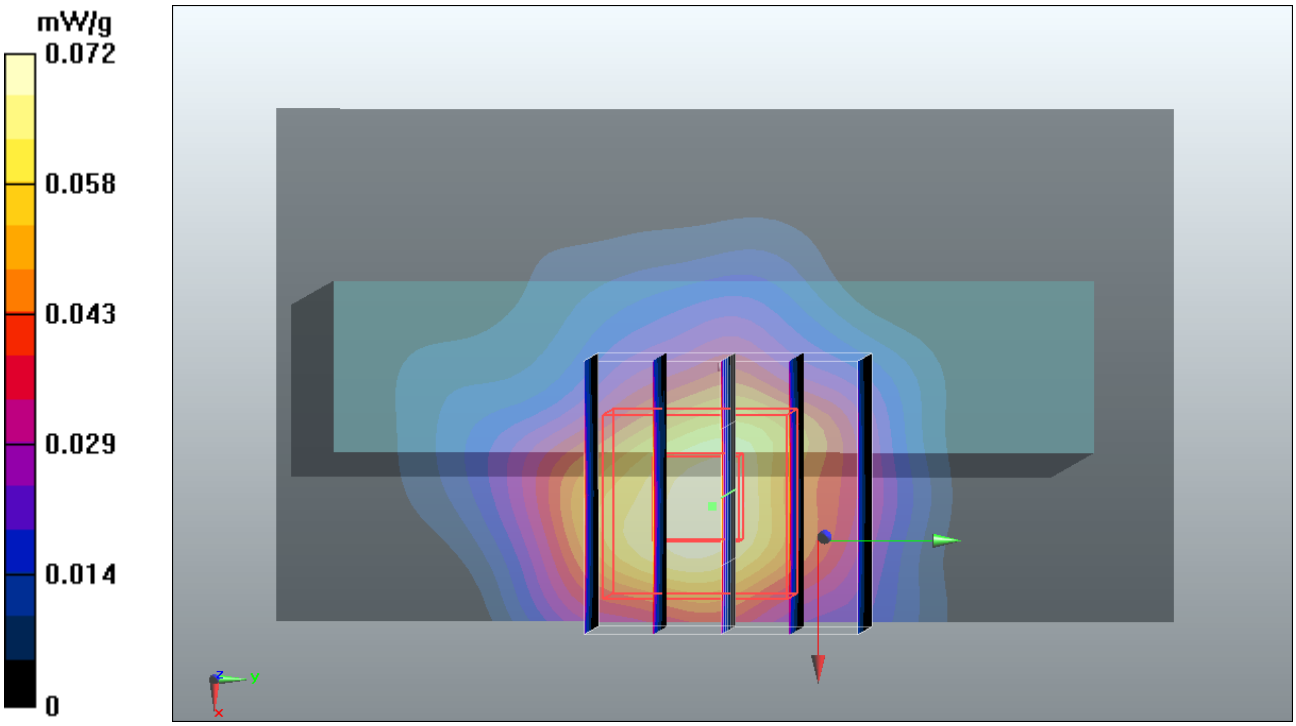
DUT: 0D2801

Communication System: Wifi; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110505 Medium parameters used: f = 2412 MHz; σ = 1.92 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.04, 4.04, 4.04); 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

Ch1/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.072 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.79 V/m; Power Drift = 0.110 dB
Peak SAR (extrapolated) = 0.133 W/kg
SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.068 mW/g


mW/g
0.072
0.058
0.043
0.029
0.014
0

#52 802.11b_Bottom Side_Ch1_5.5M_13_2D

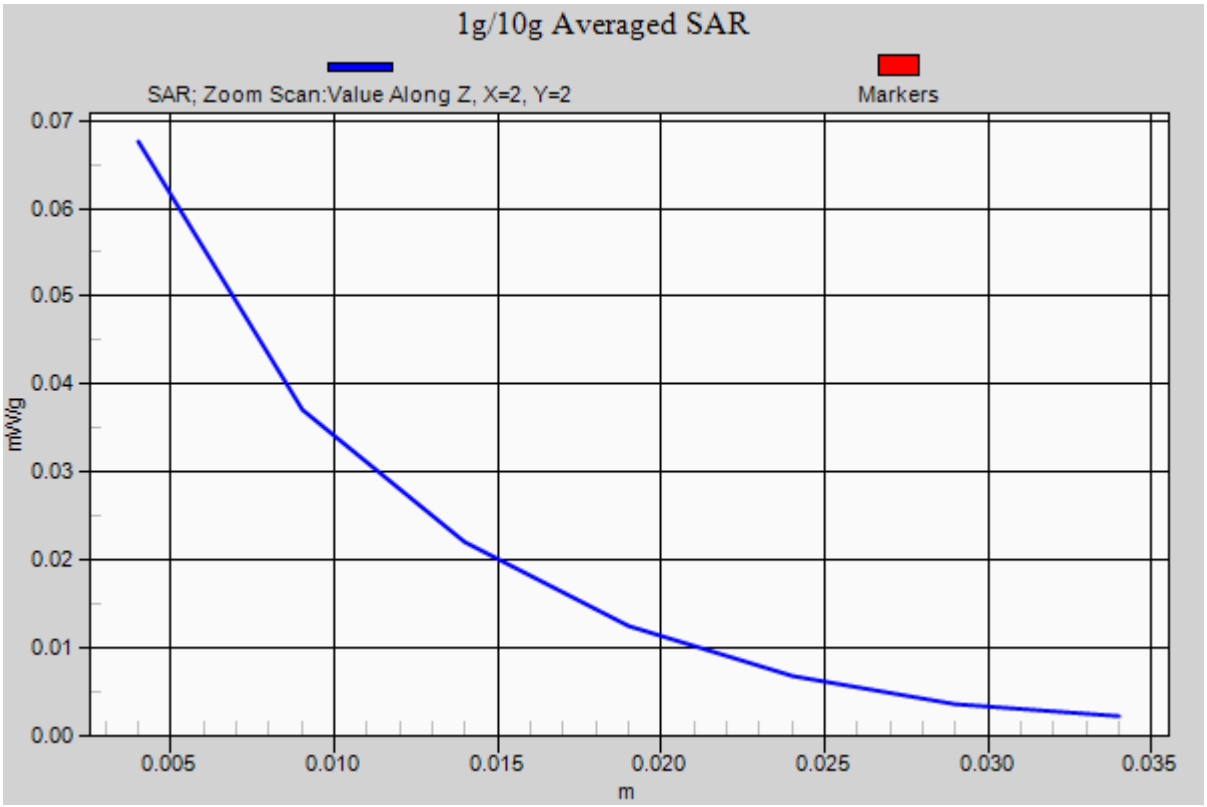
DUT: 0D2801

Communication System: Wifi; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110505 Medium parameters used: f = 2412 MHz; σ = 1.92 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.04, 4.04, 4.04); 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

Ch1/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.072 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.79 V/m; Power Drift = 0.110 dB
Peak SAR (extrapolated) = 0.133 W/kg
SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.068 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
Markers
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#16 GSM850_GPRS10_Right Side_1.0cm_Ch189

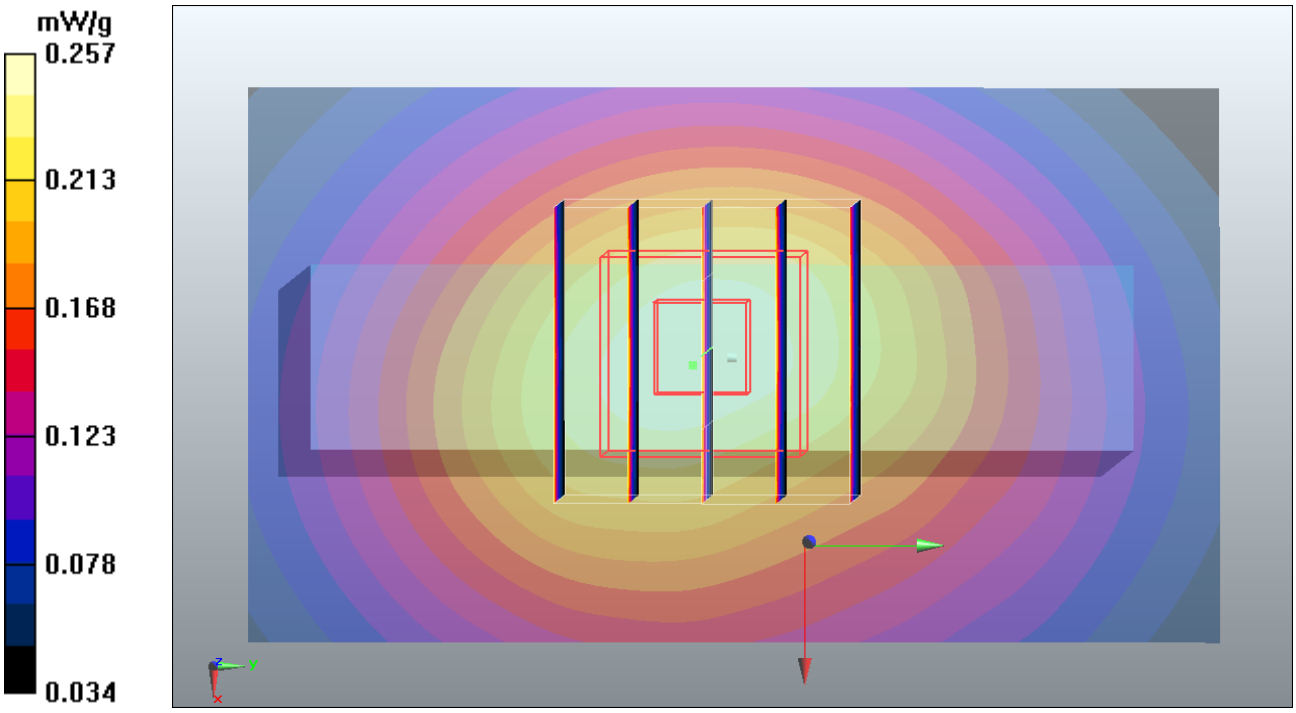
DUT: 0D2801

Communication System: GPRS/EDGE 10; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_835_110509 Medium parameters used: f = 836.4 MHz; σ = 0.978 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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

Ch189/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.257 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.8 V/m; Power Drift = -0.055 dB
Peak SAR (extrapolated) = 0.315 W/kg
SAR(1 g) = 0.237 mW/g; SAR(10 g) = 0.168 mW/g
Maximum value of SAR (measured) = 0.253 mW/g


mW/g
0.257
0.213
0.168
0.123
0.078
0.034

#10 GSM1900_GPRS10_Right Side_1.0cm_Ch661

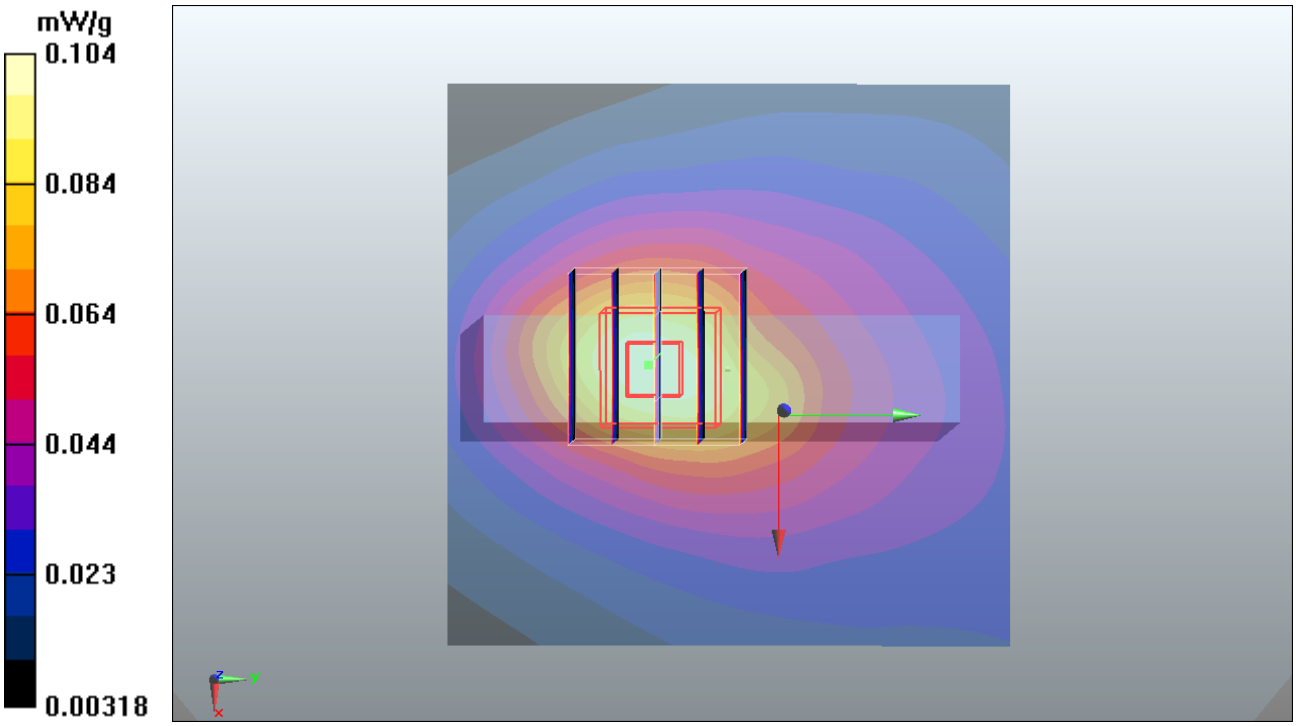
DUT: 0D2801

Communication System: GPRS/EDGE 10; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110503 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.104 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.55 V/m; Power Drift = -0.028 dB
Peak SAR (extrapolated) = 0.131 W/kg
SAR(1 g) = 0.094 mW/g; SAR(10 g) = 0.061 mW/g
Maximum value of SAR (measured) = 0.102 mW/g


mW/g
0.104
0.084
0.064
0.044
0.023
0.00318

#36 WCDMA V_RMC 12.2K_Right Side_1.0cm_Ch4233

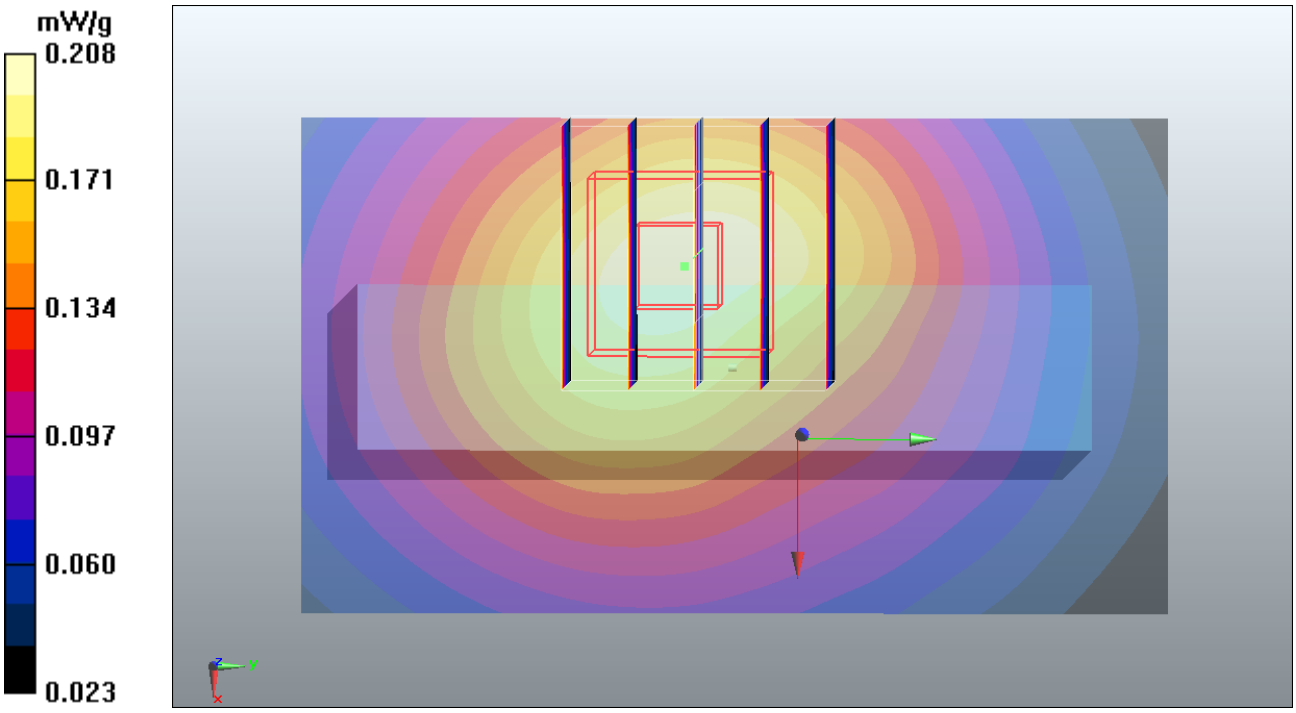
DUT: 0D2801

Communication System: UMTS; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_110509 Medium parameters used: f = 847 MHz; σ = 0.988 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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

Ch4233/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.208 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.8 V/m; Power Drift = -0.025 dB
Peak SAR (extrapolated) = 0.259 W/kg
SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.138 mW/g
Maximum value of SAR (measured) = 0.210 mW/g


mW/g
0.208
0.171
0.134
0.097
0.060
0.023

#44 WCDMA II_RMC 12.2K_Right Side_1.0cm_Ch9538

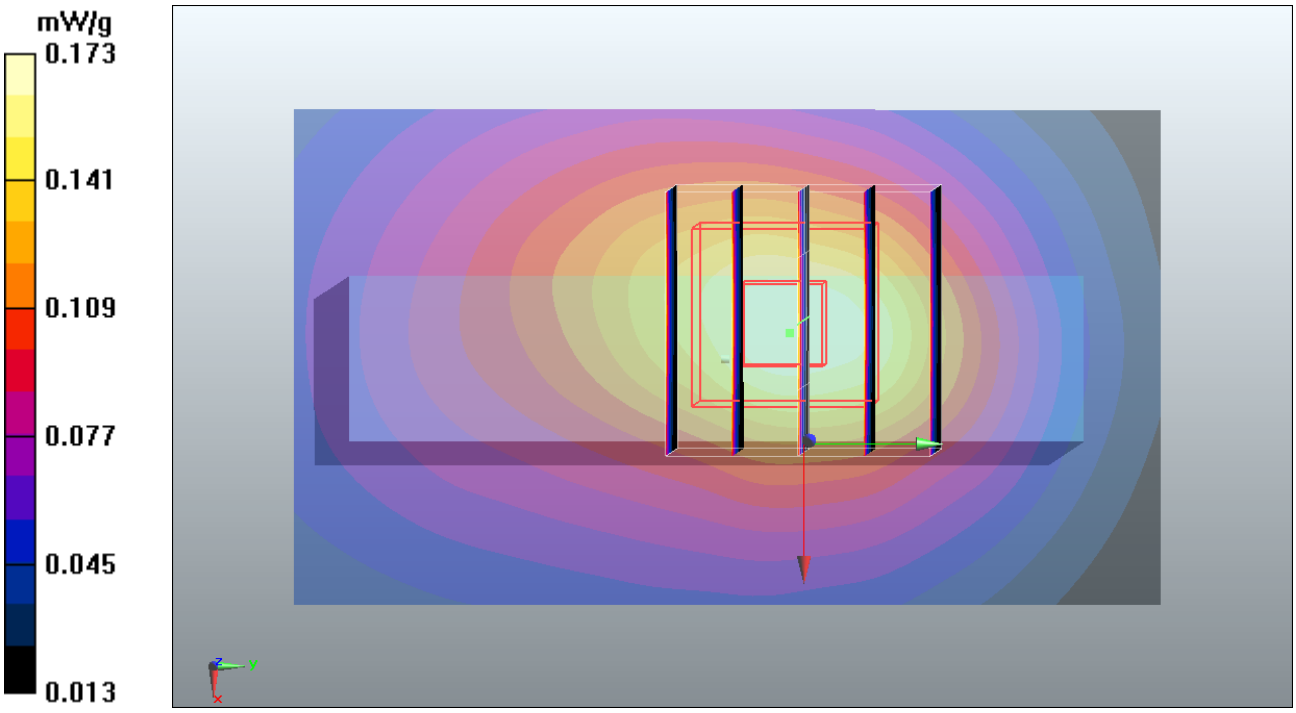
DUT: 0D2801

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110509 Medium parameters used: f = 1908 MHz; σ = 1.54 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch9538/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.173 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.1 V/m; Power Drift = 0.064 dB
Peak SAR (extrapolated) = 0.224 W/kg
SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.103 mW/g
Maximum value of SAR (measured) = 0.172 mW/g


mW/g
0.173
0.141
0.109
0.077
0.045
0.013

#26 CDMA2000 BC0_RTAP 153.6_Right Side_1.0cm_Ch777

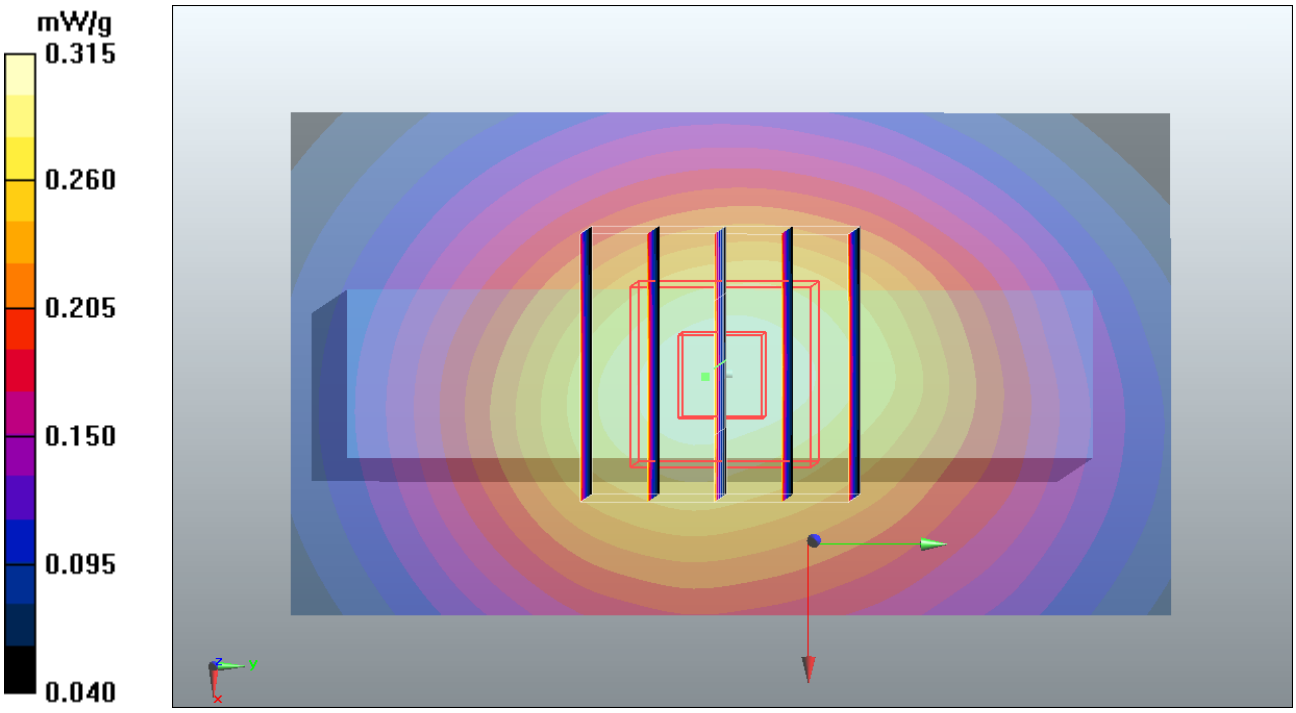
DUT: 0D2801

Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: MSL_835_110509 Medium parameters used: f = 848.31 MHz; σ = 0.989 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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 (41x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.315 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.8 V/m; Power Drift = -0.034 dB
Peak SAR (extrapolated) = 0.378 W/kg
SAR(1 g) = 0.287 mW/g; SAR(10 g) = 0.203 mW/g
Maximum value of SAR (measured) = 0.305 mW/g


mW/g
0.315
0.260
0.205
0.150
0.095
0.040

#04 CDMA2000 BC1_RTAP 153.6_Right Side_1.0cm_Ch25

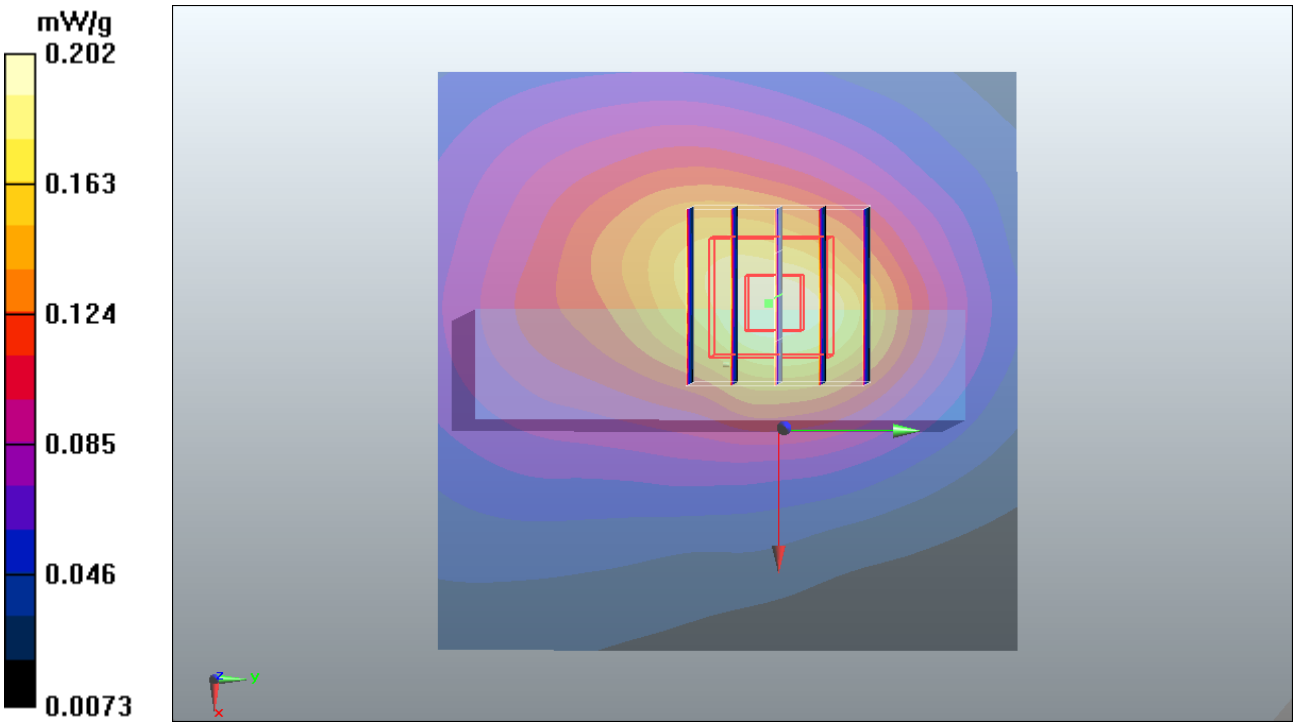
DUT: 0D2801

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110503 Medium parameters used: f = 1851.25 MHz; σ = 1.48 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch25/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.202 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11 V/m; Power Drift = 0.019 dB
Peak SAR (extrapolated) = 0.261 W/kg
SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.126 mW/g
Maximum value of SAR (measured) = 0.206 mW/g


mW/g
0.202
0.163
0.124
0.085
0.046
0.0073

#15 LTE750_10M_QPSK(25-13)_Right Side_1cm_Ch23230

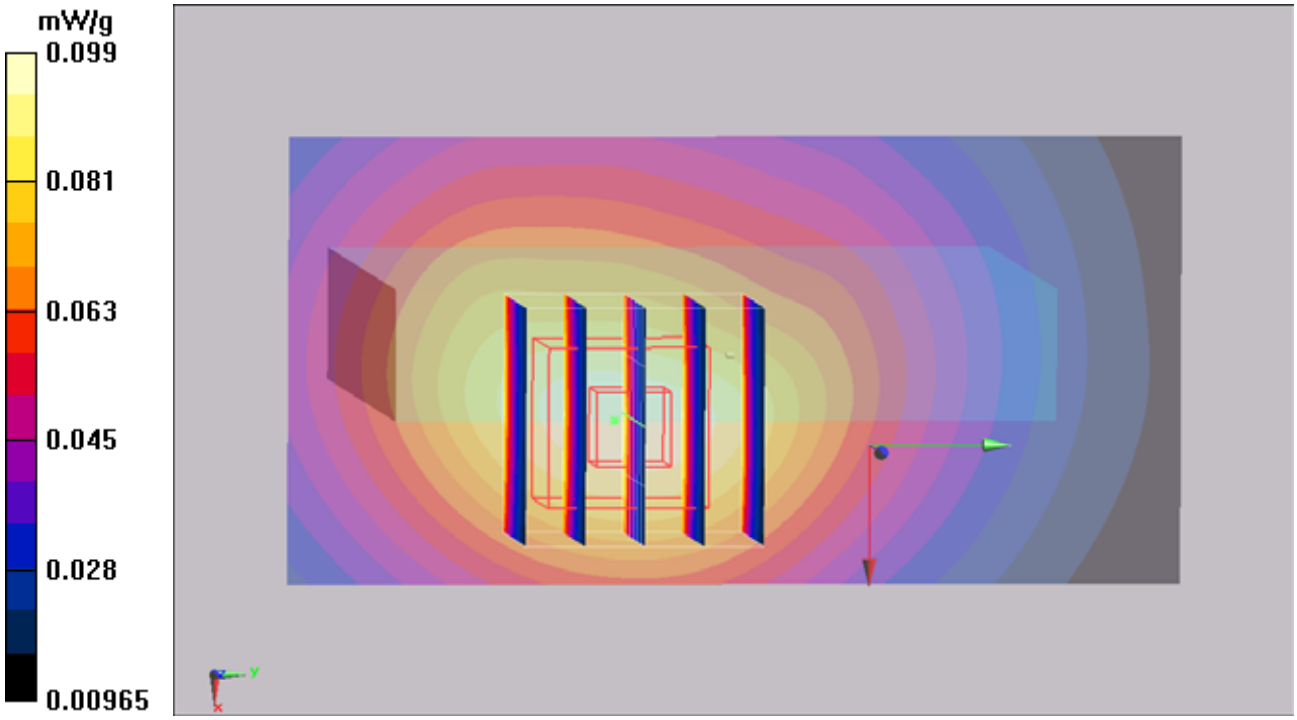
DUT: 0D2830

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_110514 Medium parameters used: f = 782.237 MHz; σ = 0.935 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch23230/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.099 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.34 V/m; Power Drift = -0.090 dB
Peak SAR (extrapolated) = 0.125 W/kg
SAR(1 g) = 0.092 mW/g; SAR(10 g) = 0.066 mW/g
Maximum value of SAR (measured) = 0.098 mW/g


mW/g
0.099
0.081
0.063
0.045
0.028
0.00965

#04 LTE750_10M_QPSK(1-49)_Right Side_1cm_Ch23230

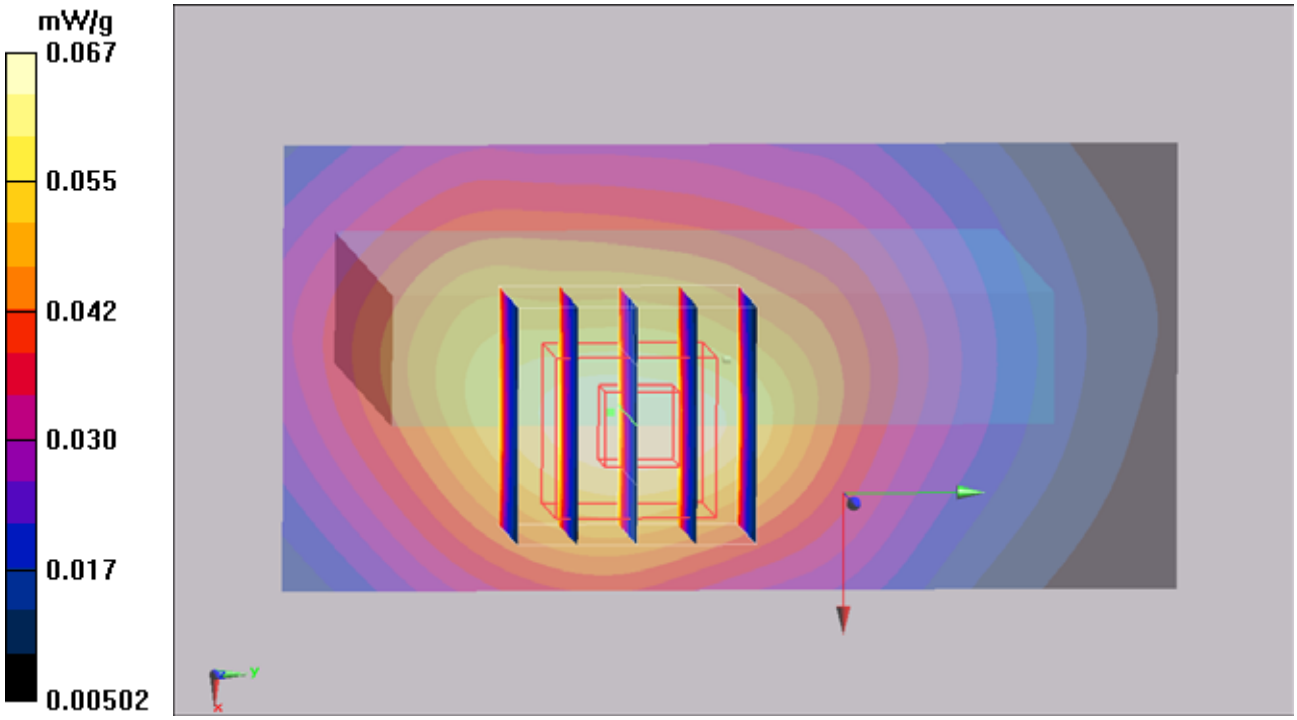
DUT: 0D2830

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_110513 Medium parameters used: f = 782.237 MHz; σ = 0.922 mho/m; ε_r = 53.8; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch23230/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.067 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.11 V/m; Power Drift = -0.184 dB
Peak SAR (extrapolated) = 0.083 W/kg
SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.044 mW/g
Maximum value of SAR (measured) = 0.067 mW/g


mW/g
0.067
0.055
0.042
0.030
0.017
0.00502

#19 LTE750_10M_QPSK(1-0)_Right Side_1cm_Ch23230

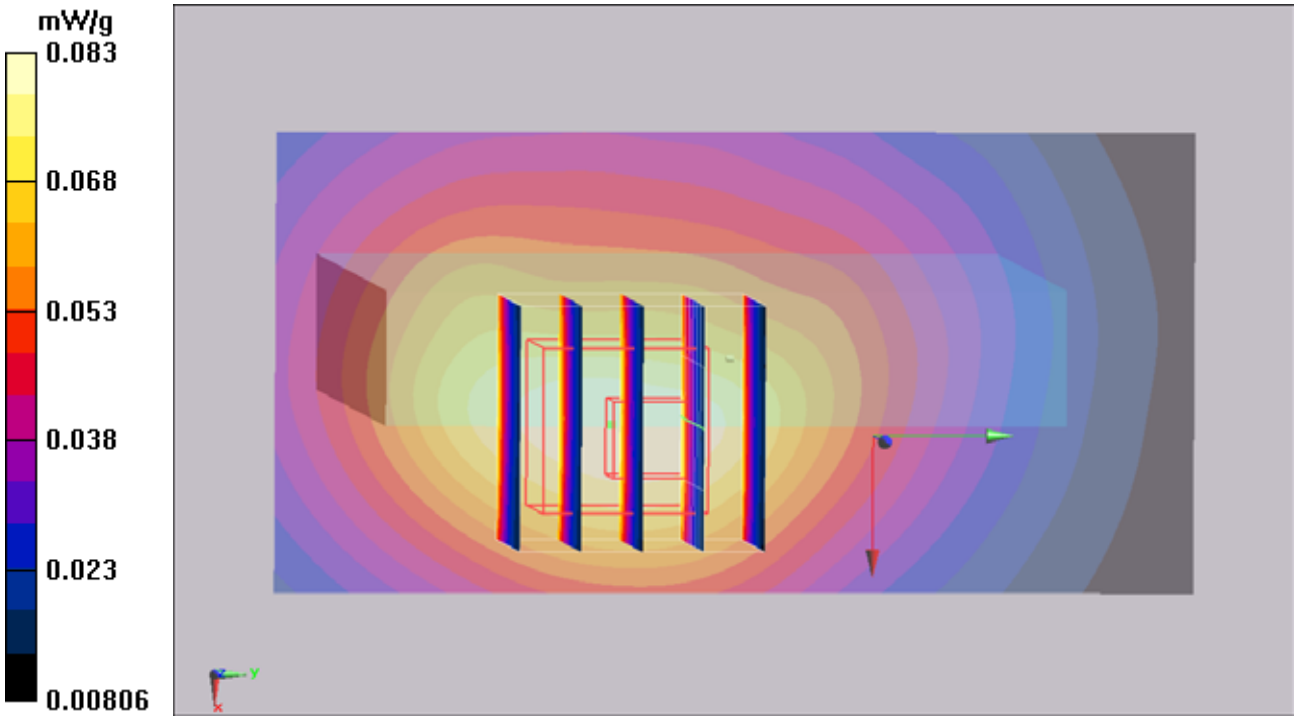
DUT: 0D2830

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_110514 Medium parameters used: f = 782.237 MHz; σ = 0.935 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Ambient Temperature：22.7 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch23230/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.083 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.63 V/m; Power Drift = -0.160 dB
Peak SAR (extrapolated) = 0.109 W/kg
SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.056 mW/g
Maximum value of SAR (measured) = 0.080 mW/g


mW/g
0.083
0.068
0.053
0.038
0.023
0.00806

#23 LTE750_10M_16QAM(25-13)_Right Side_1cm_Ch23230

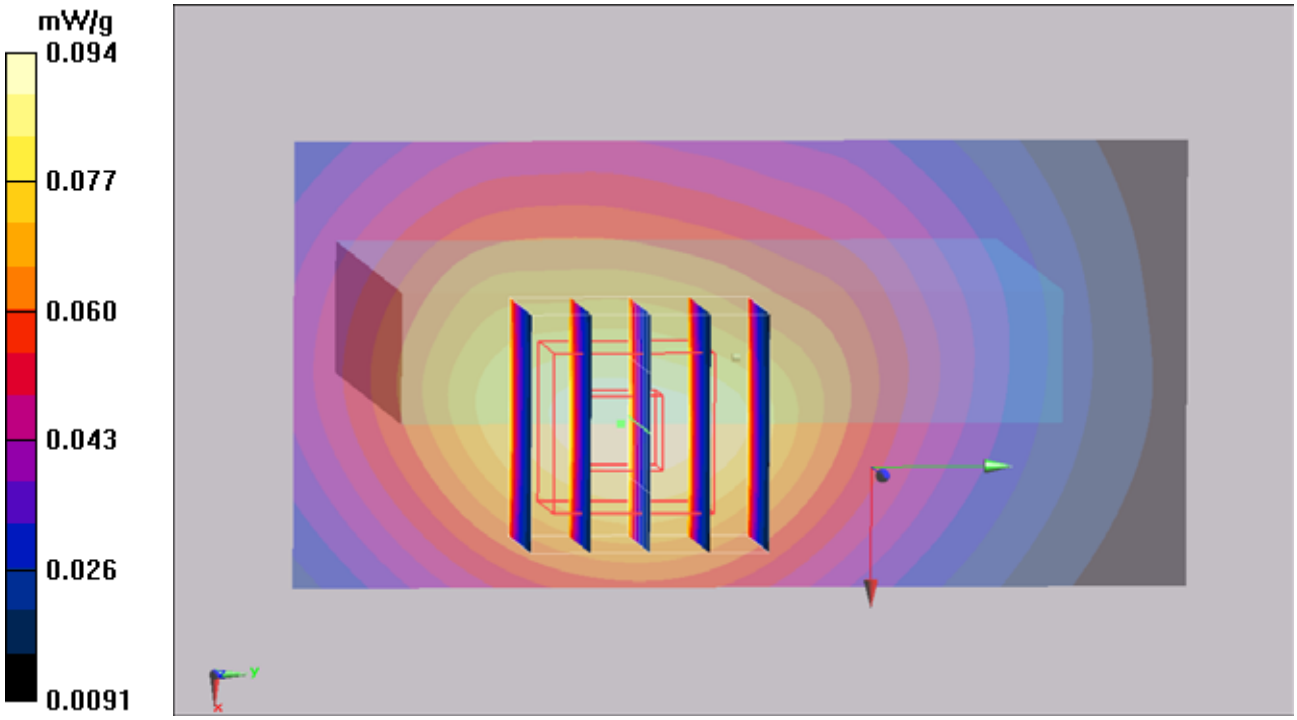
DUT: 0D2830

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_110514 Medium parameters used: f = 782.237 MHz; σ = 0.935 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch23230/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.094 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.16 V/m; Power Drift = -0.164 dB
Peak SAR (extrapolated) = 0.119 W/kg
SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.063 mW/g
Maximum value of SAR (measured) = 0.092 mW/g


mW/g
0.094
0.077
0.060
0.043
0.026
0.0091

#32 LTE750_10M_16QAM(1-49)_Right Side_1cm_Ch23230

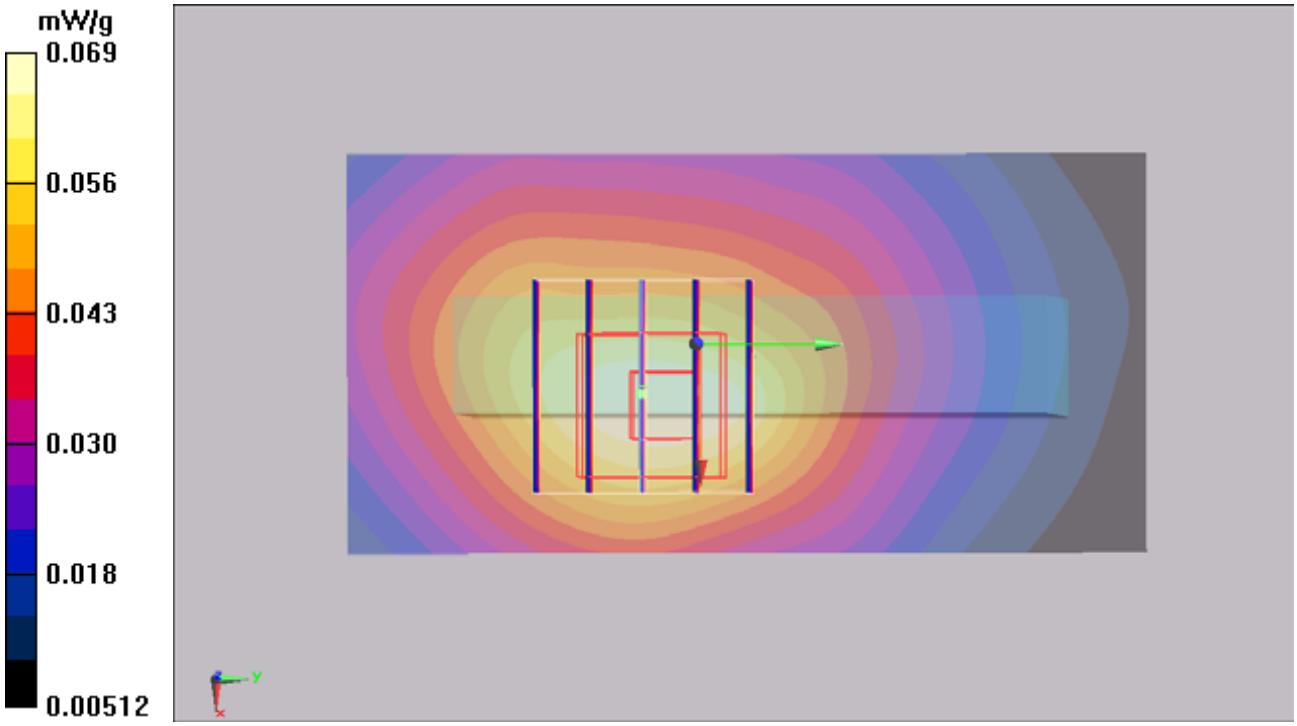
DUT: 0D2830

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_110514 Medium parameters used: f = 782.237 MHz; σ = 0.935 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch23230/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.069 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.15 V/m; Power Drift = -0.184 dB
Peak SAR (extrapolated) = 0.085 W/kg
SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.045 mW/g
Maximum value of SAR (measured) = 0.068 mW/g


mW/g
0.069
0.056
0.043
0.030
0.018
0.00512

#27 LTE750_10M_16QAM(1-0)_Right Side_1cm_Ch23230

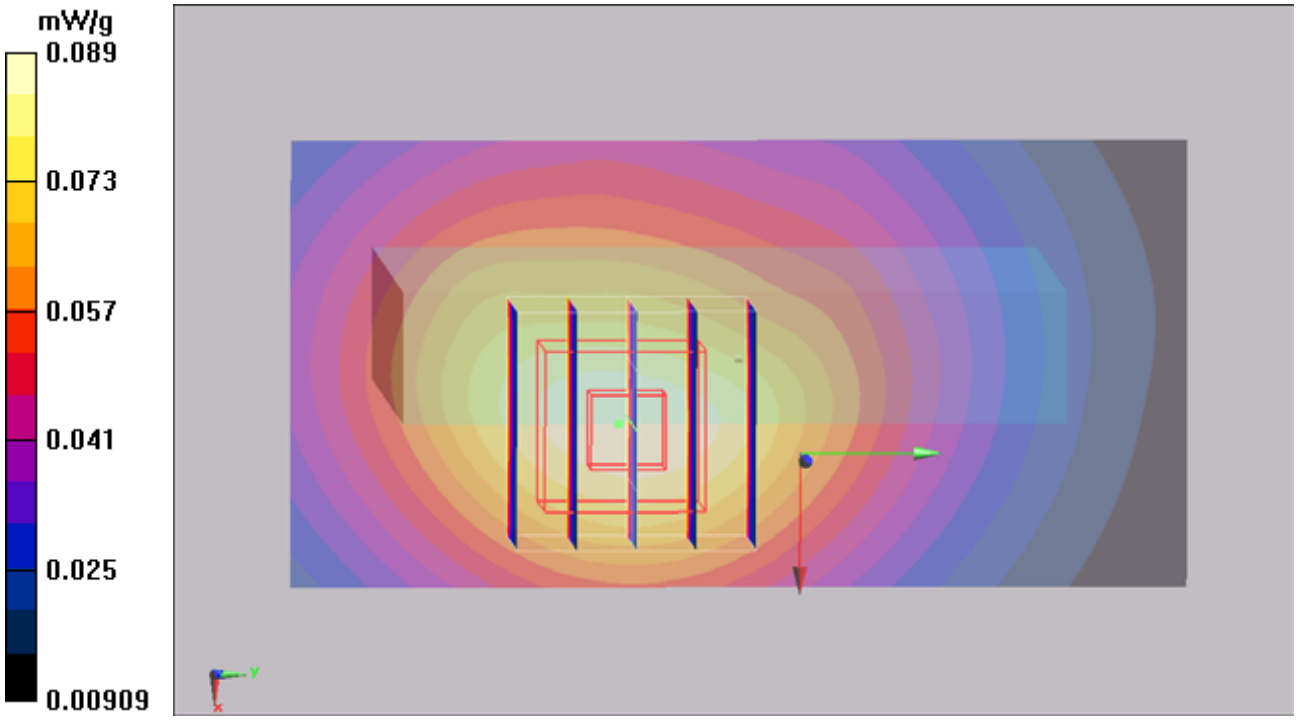
DUT: 0D2830

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_110514 Medium parameters used: f = 782.237 MHz; σ = 0.935 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch23230/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.089 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.92 V/m; Power Drift = -0.080 dB
Peak SAR (extrapolated) = 0.114 W/kg
SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.060 mW/g
Maximum value of SAR (measured) = 0.087 mW/g


mW/g
0.089
0.073
0.057
0.041
0.025
0.00909

#50 802.11b_Right Side_Ch1_5.5M_13

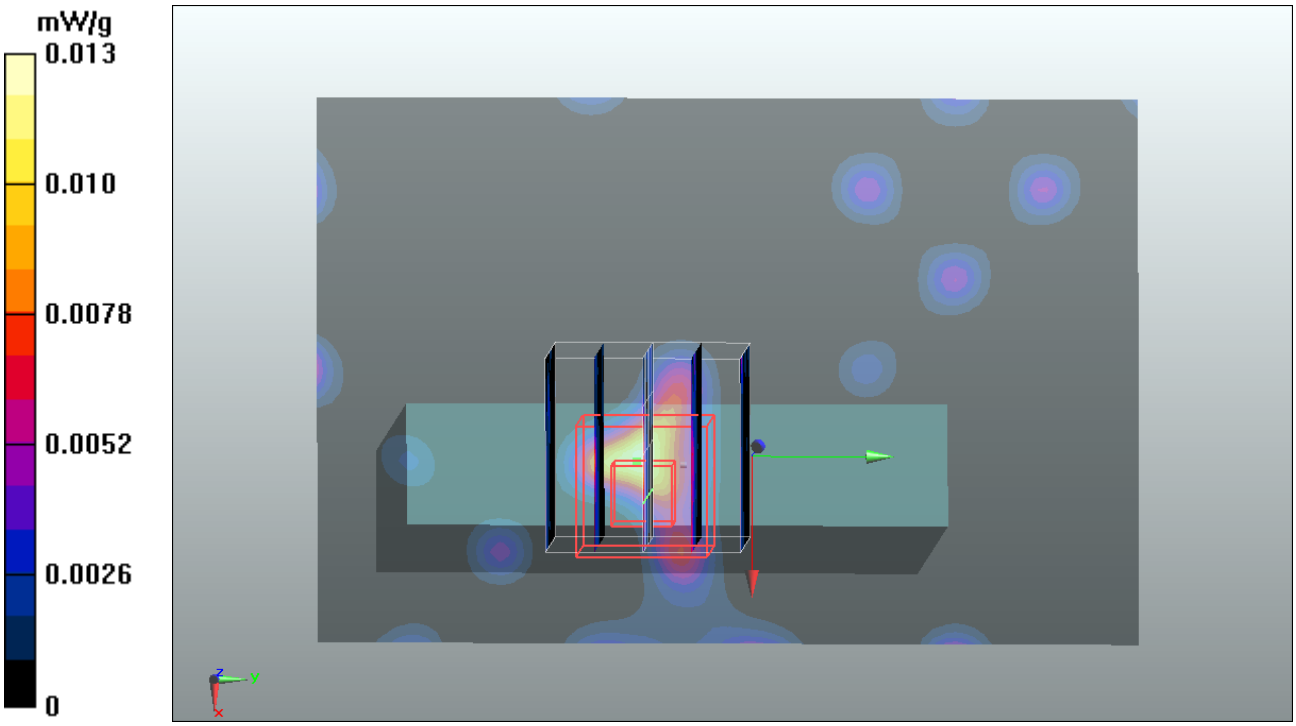
DUT: 0D2801

Communication System: Wifi; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110505 Medium parameters used: f = 2412 MHz; σ = 1.92 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.04, 4.04, 4.04); 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

Ch1/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.013 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.03 V/m; Power Drift = 0.113 dB
Peak SAR (extrapolated) = 0.019 W/kg
SAR(1 g) = 0.0096 mW/g; SAR(10 g) = 0.00391 mW/g
Maximum value of SAR (measured) = 0.011 mW/g


mW/g
0.013
0.010
0.0078
0.0052
0.0026
0

#15 GSM850_GPRS10_Left Side_1.0cm_Ch189

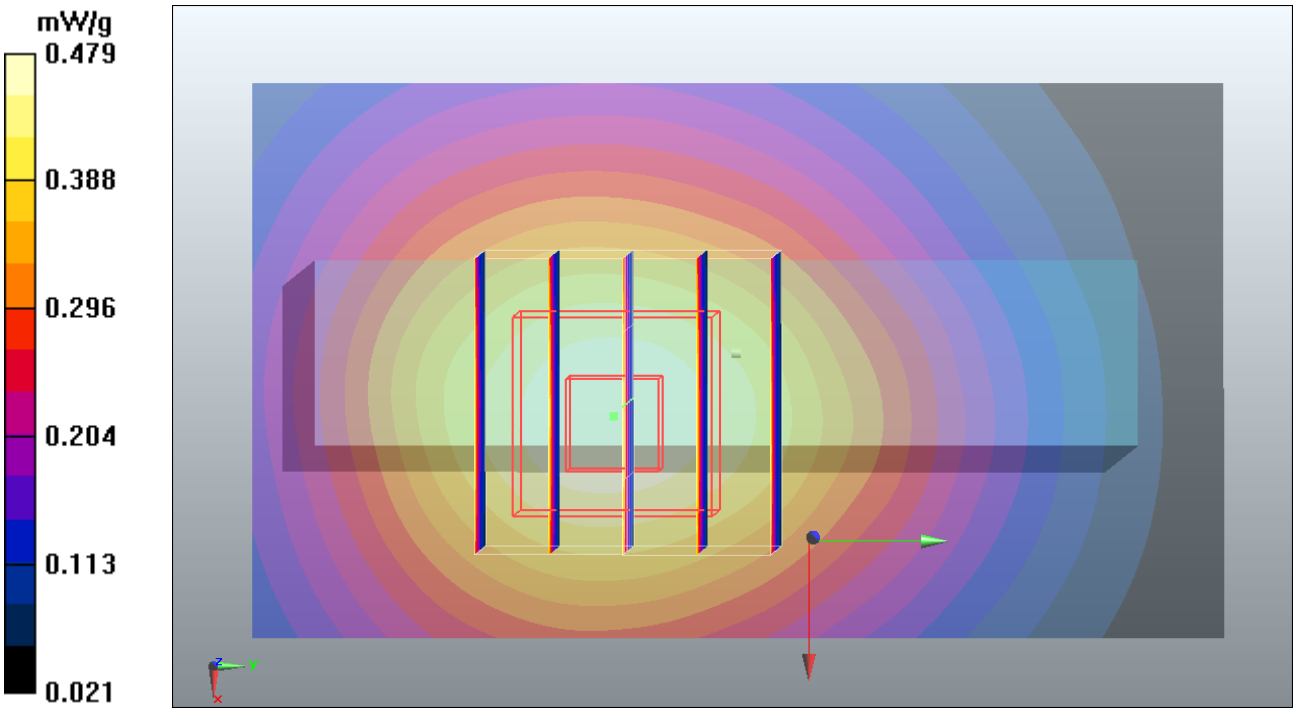
DUT: 0D2801

Communication System: GPRS/EDGE 10; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_835_110509 Medium parameters used: f = 836.4 MHz; σ = 0.978 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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

Ch189/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.479 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.5 V/m; Power Drift = -0.062 dB
Peak SAR (extrapolated) = 0.582 W/kg
SAR(1 g) = 0.452 mW/g; SAR(10 g) = 0.323 mW/g
Maximum value of SAR (measured) = 0.479 mW/g


mW/g
0.479
0.388
0.296
0.204
0.113
0.021

#09 GSM1900_GPRS10_Left Side_1.0cm_Ch661

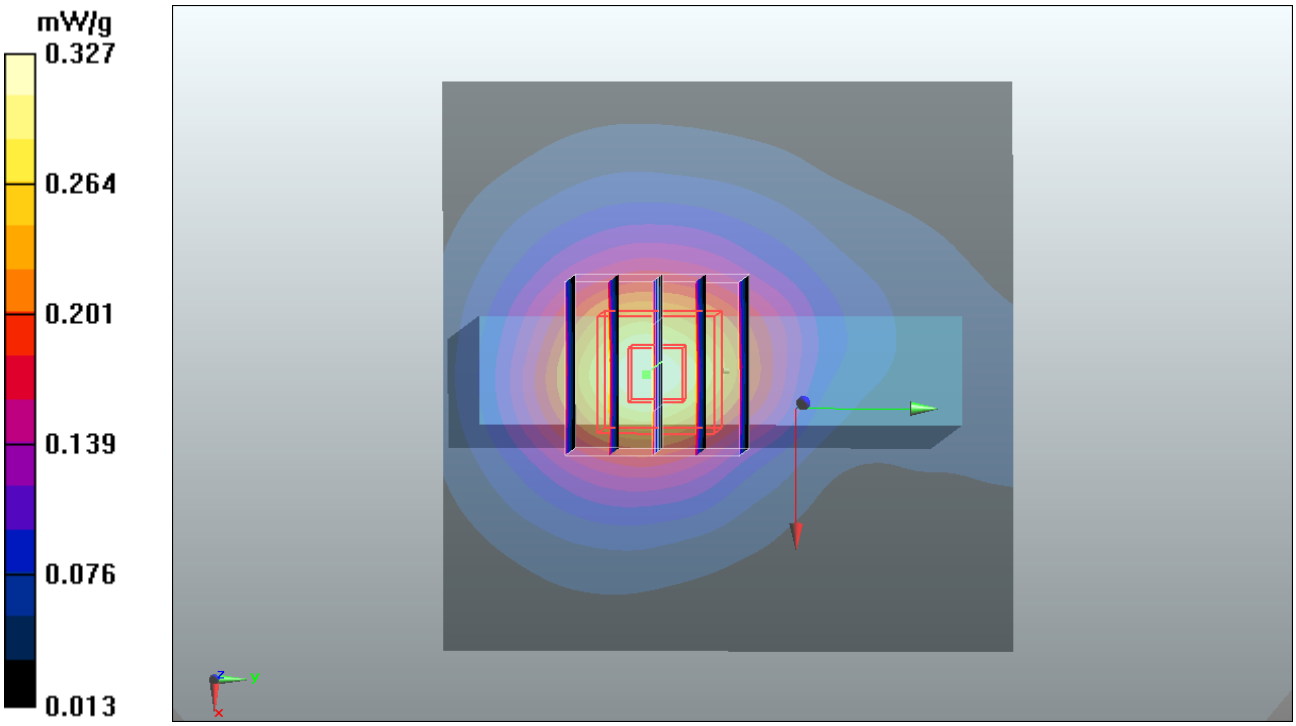
DUT: 0D2801

Communication System: GPRS/EDGE 10; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110503 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch661/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.327 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.7 V/m; Power Drift = -0.055 dB
Peak SAR (extrapolated) = 0.389 W/kg
SAR(1 g) = 0.285 mW/g; SAR(10 g) = 0.179 mW/g
Maximum value of SAR (measured) = 0.313 mW/g


mW/g
0.327
0.264
0.201
0.139
0.076
0.013

#35 WCDMA V_RMC 12.2K_Left Side_1.0cm_Ch4233

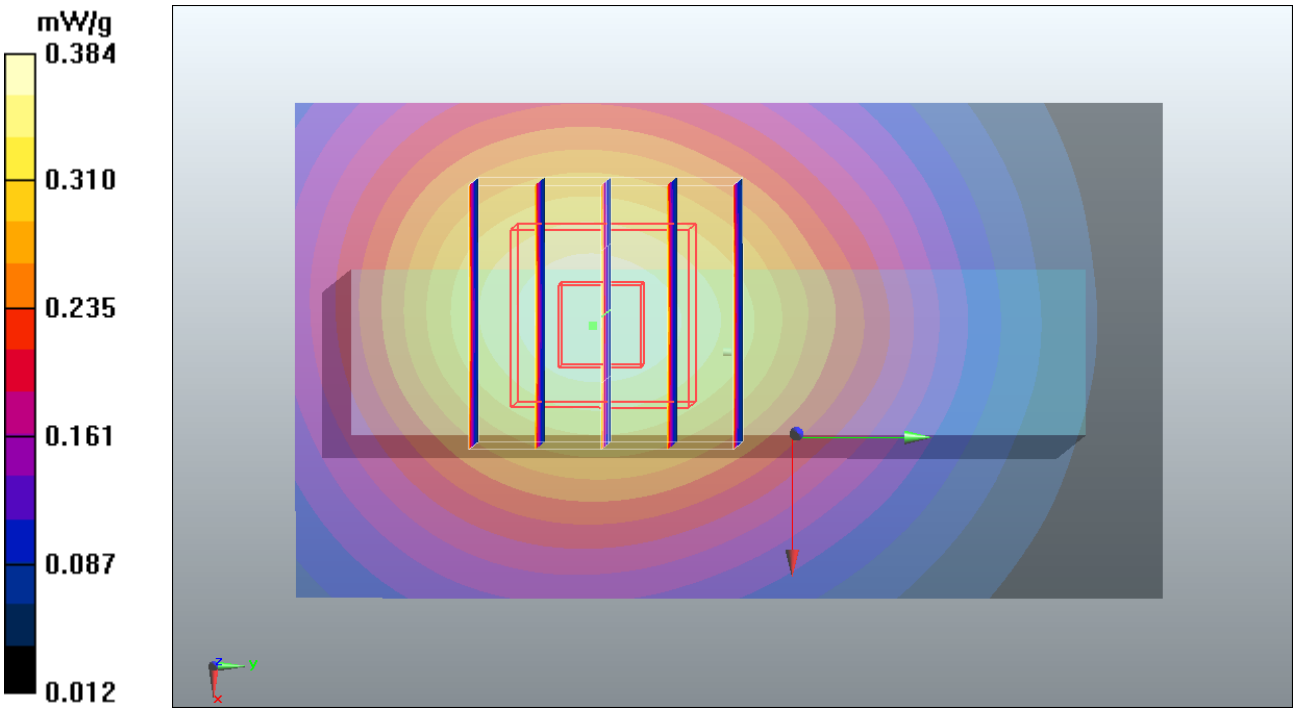
DUT: 0D2801

Communication System: UMTS; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_110509 Medium parameters used: f = 847 MHz; σ = 0.988 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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

Ch4233/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.384 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.9 V/m; Power Drift = 0.067 dB
Peak SAR (extrapolated) = 0.469 W/kg
SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.258 mW/g
Maximum value of SAR (measured) = 0.385 mW/g


mW/g
0.384
0.310
0.235
0.161
0.087
0.012

#43 WCDMA II_RMC 12.2K_Left Side_1.0cm_Ch9538

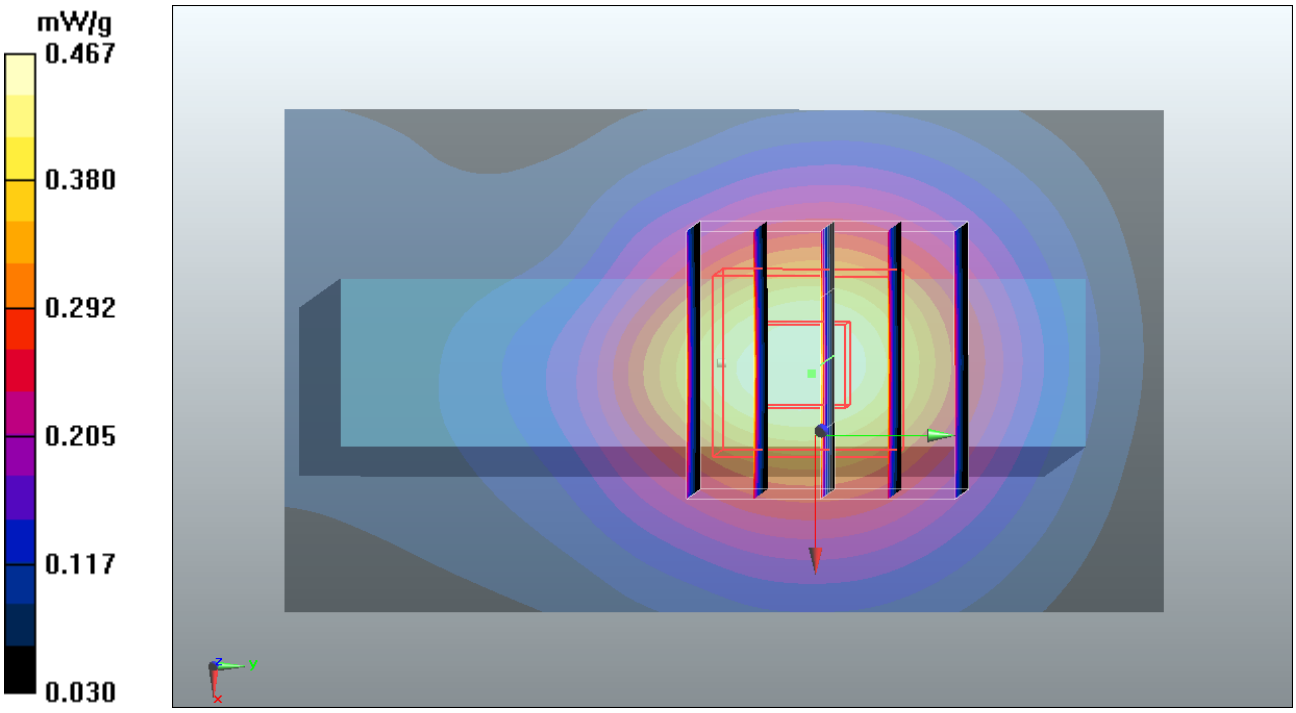
DUT: 0D2801

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110509 Medium parameters used: f = 1908 MHz; σ = 1.54 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch9538/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.467 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.9 V/m; Power Drift = 0.017 dB
Peak SAR (extrapolated) = 0.584 W/kg
SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.263 mW/g
Maximum value of SAR (measured) = 0.462 mW/g


mW/g
0.467
0.380
0.292
0.205
0.117
0.030

#25 CDMA2000 BC0_RTAP 153.6_Left Side_1.0cm_Ch777

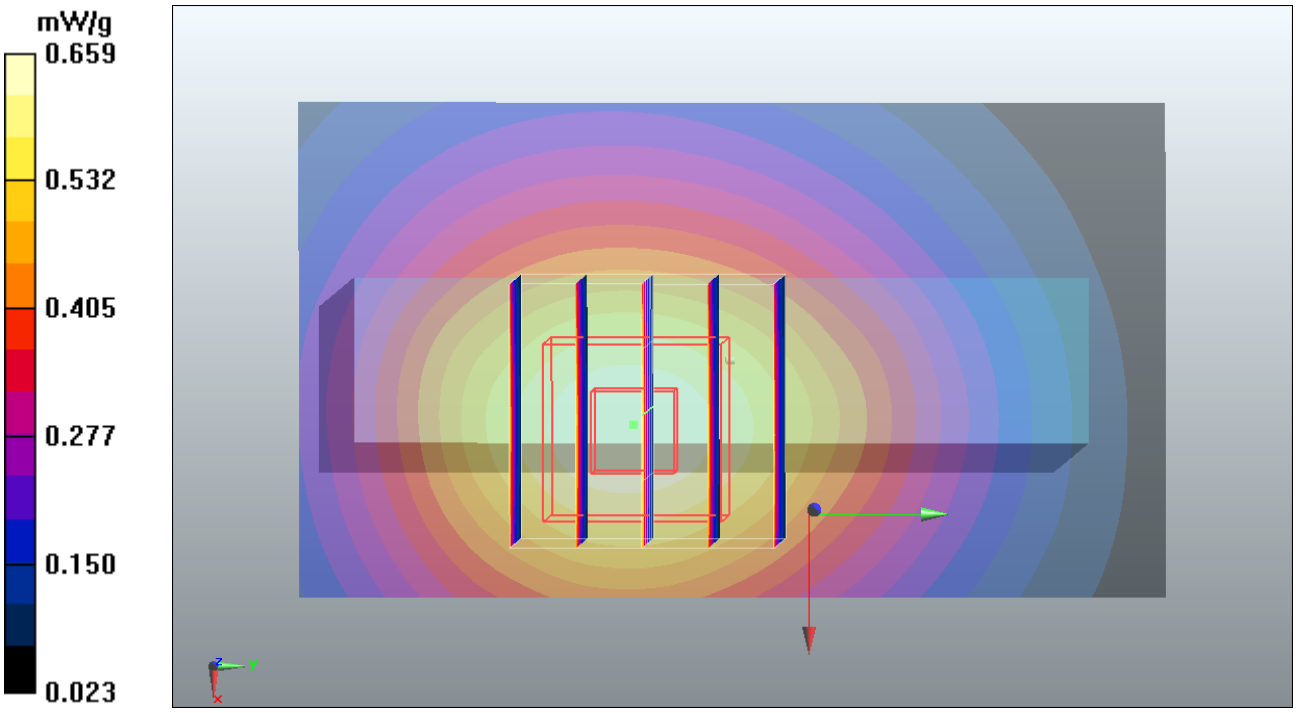
DUT: 0D2801

Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: MSL_835_110509 Medium parameters used: f = 848.31 MHz; σ = 0.989 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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 (41x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.659 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.8 V/m; Power Drift = -0.071 dB
Peak SAR (extrapolated) = 0.742 W/kg
SAR(1 g) = 0.571 mW/g; SAR(10 g) = 0.405 mW/g
Maximum value of SAR (measured) = 0.605 mW/g


mW/g
0.659
0.532
0.405
0.277
0.150
0.023

#03 CDMA2000 BC1_RTAP 153.6_Left Side_1.0cm_Ch25

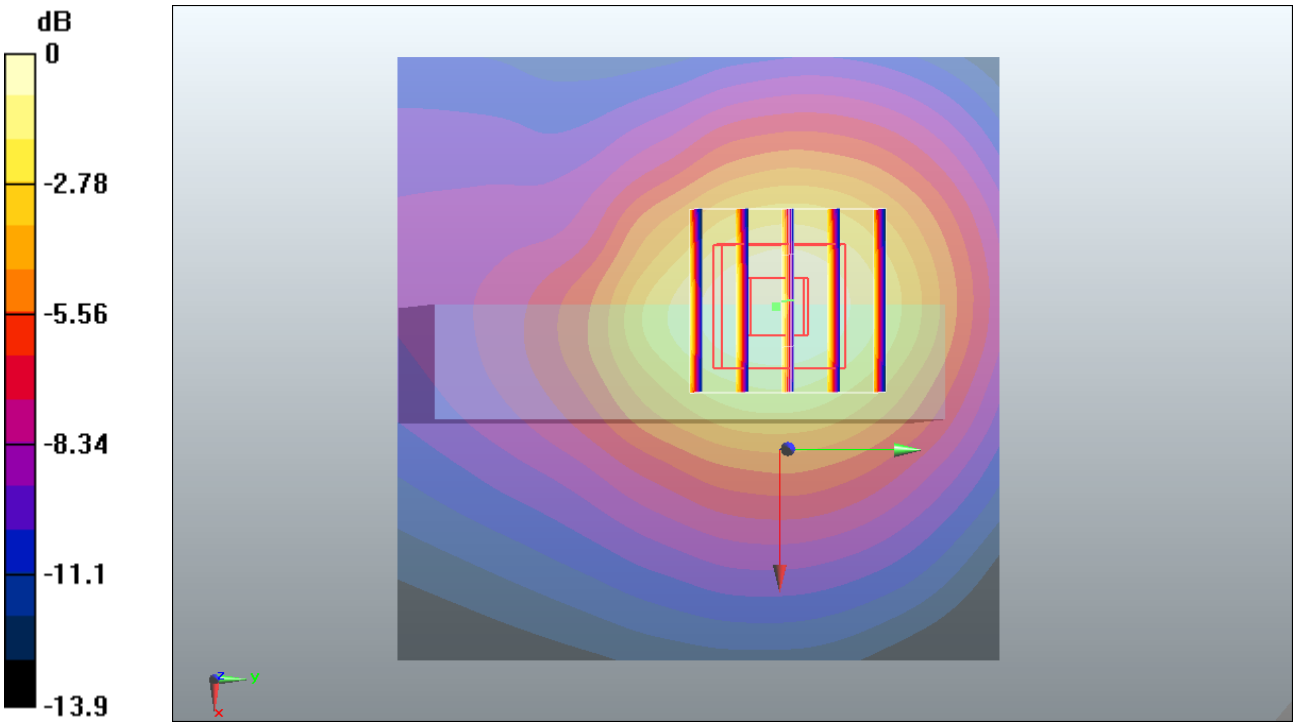
DUT: 0D2801

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110503 Medium parameters used: f = 1851.25 MHz; σ = 1.48 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010-9-21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Ch25/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.660 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.7 V/m; Power Drift = 0.033 dB
Peak SAR (extrapolated) = 0.781 W/kg
SAR(1 g) = 0.583 mW/g; SAR(10 g) = 0.373 mW/g
Maximum value of SAR (measured) = 0.635 mW/g



0 dB = 0.635mW/g

#14 LTE750_10M_QPSK(25-13)_Left Side_1cm_Ch23230

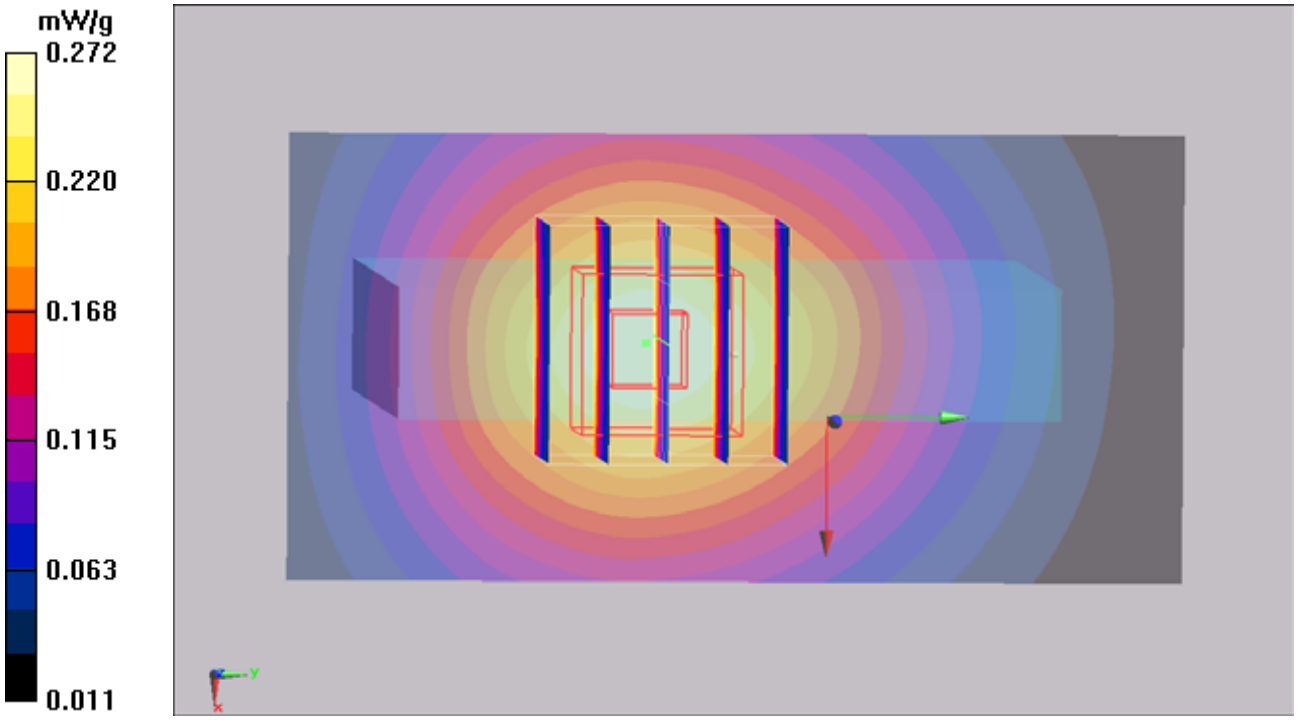
DUT: 0D2830

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_110514 Medium parameters used: f = 782.237 MHz; σ = 0.935 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch23230/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.272 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.2 V/m; Power Drift = -0.037 dB
Peak SAR (extrapolated) = 0.332 W/kg
SAR(1 g) = 0.251 mW/g; SAR(10 g) = 0.180 mW/g
Maximum value of SAR (measured) = 0.265 mW/g


mW/g
0.272
0.220
0.168
0.115
0.063
0.011

#03 LTE750_10M_QPSK(1-49)_Left Side_1cm_Ch23230

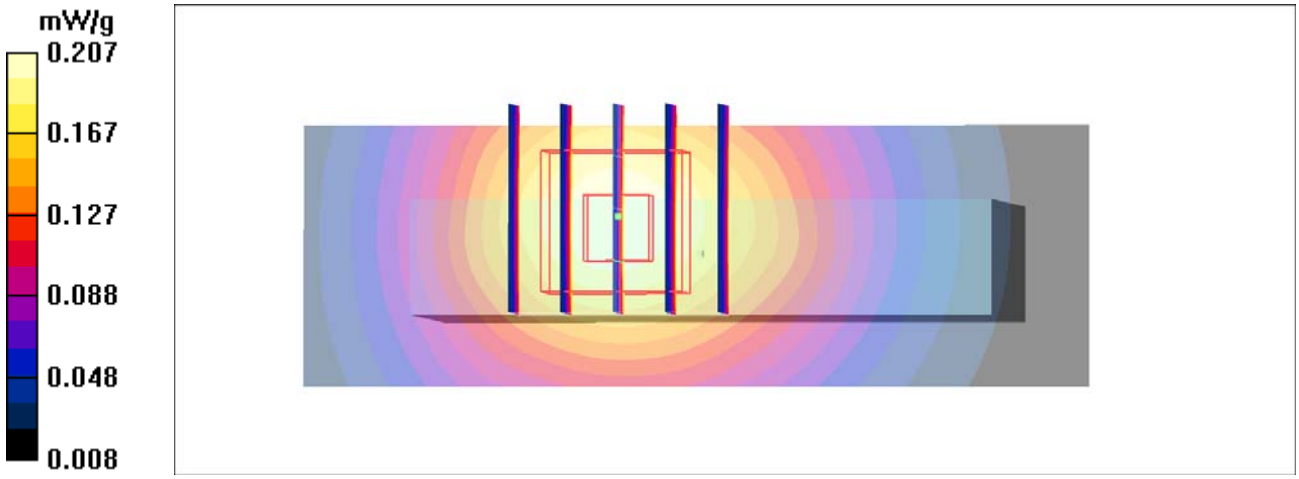
DUT: 0D2830

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750 Medium parameters used: f = 782.237 MHz; σ = 0.95 mho/m; ε_r = 53.8; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23230/Area Scan (21x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.207 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.8 V/m; Power Drift = -0.199 dB
Peak SAR (extrapolated) = 0.251 W/kg
SAR(1 g) = 0.185 mW/g; SAR(10 g) = 0.132 mW/g
Maximum value of SAR (measured) = 0.194 mW/g



#18 LTE750_10M_QPSK(1-0)_Left Side_1cm_Ch23230

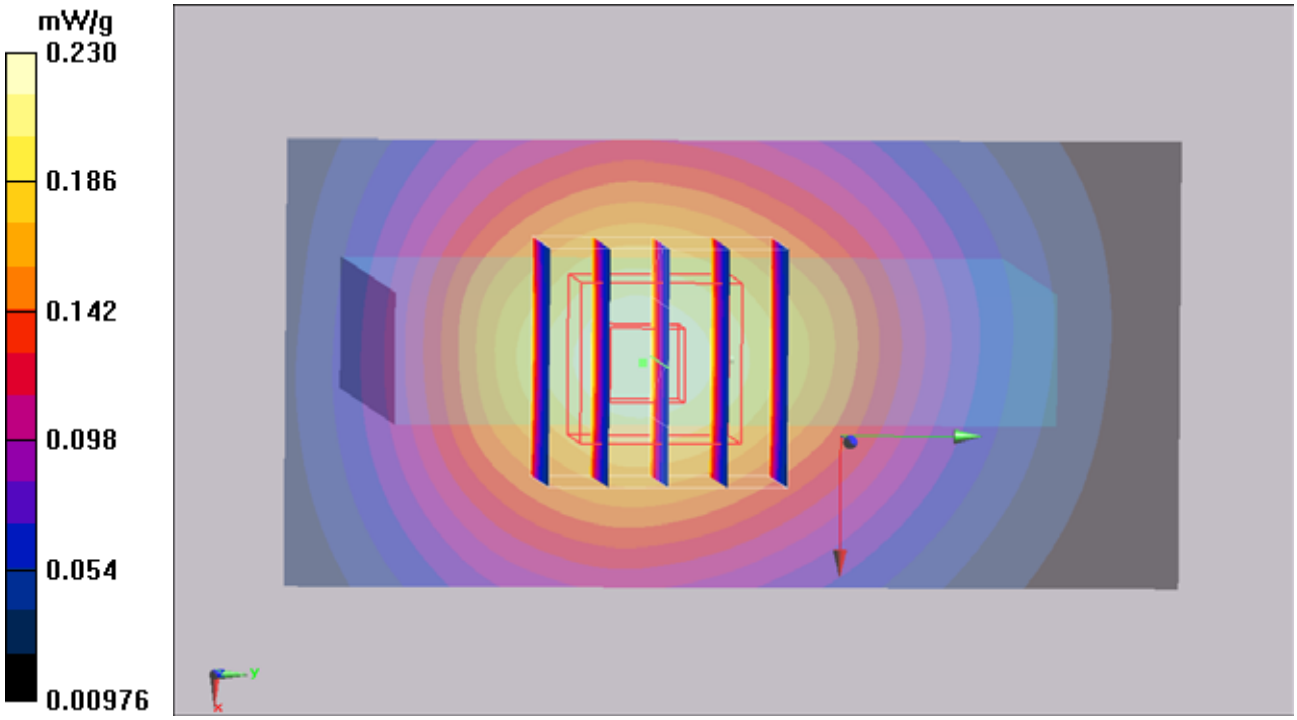
DUT: 0D2830

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_110514 Medium parameters used: f = 782.237 MHz; σ = 0.935 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch23230/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.230 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.9 V/m; Power Drift = 0.077 dB
Peak SAR (extrapolated) = 0.283 W/kg
SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.155 mW/g
Maximum value of SAR (measured) = 0.225 mW/g


mW/g
0.230
0.186
0.142
0.098
0.054
0.00976

#22 LTE750_10M_16QAM(25-13)_Left Side_1cm_Ch23230

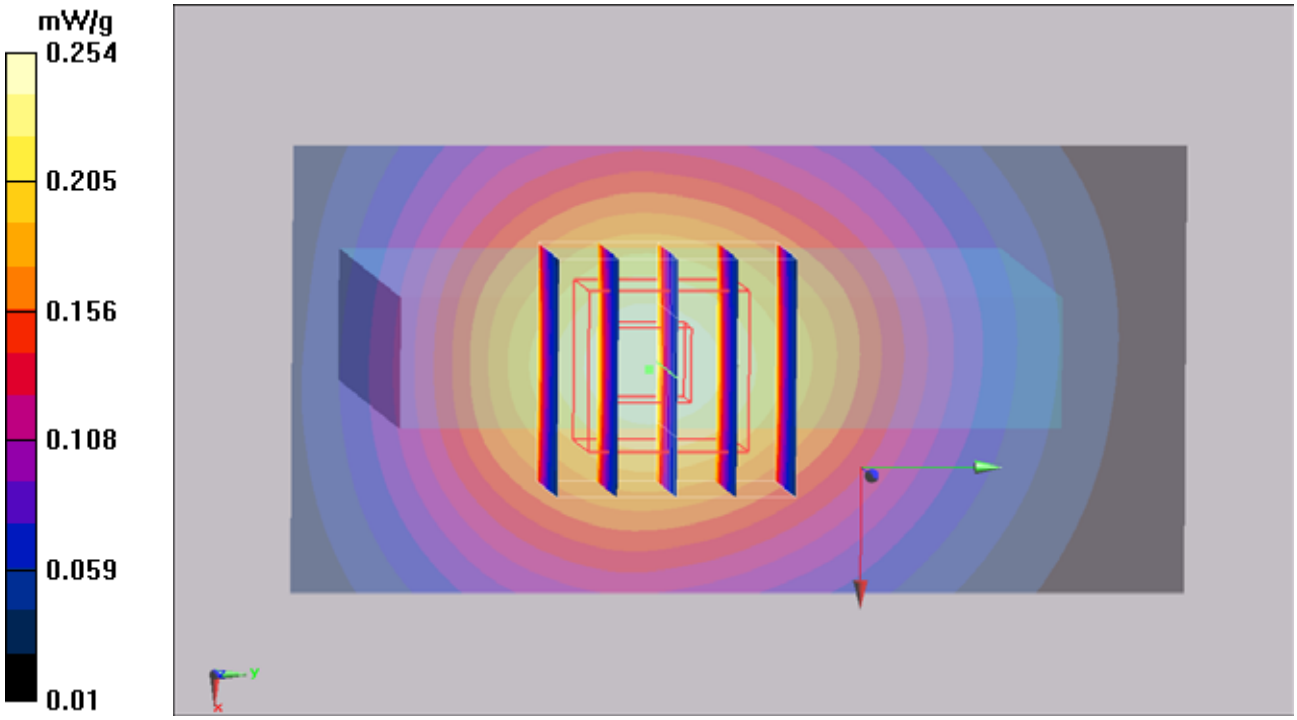
DUT: 0D2830

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_110514 Medium parameters used: f = 782.237 MHz; σ = 0.935 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch23230/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.254 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.7 V/m; Power Drift = 0.00853 dB
Peak SAR (extrapolated) = 0.310 W/kg
SAR(1 g) = 0.237 mW/g; SAR(10 g) = 0.170 mW/g
Maximum value of SAR (measured) = 0.251 mW/g


mW/g
0.254
0.205
0.156
0.108
0.059
0.01

#31 LTE750_10M_16QAM(1-49)_Left Side_1cm_Ch23230

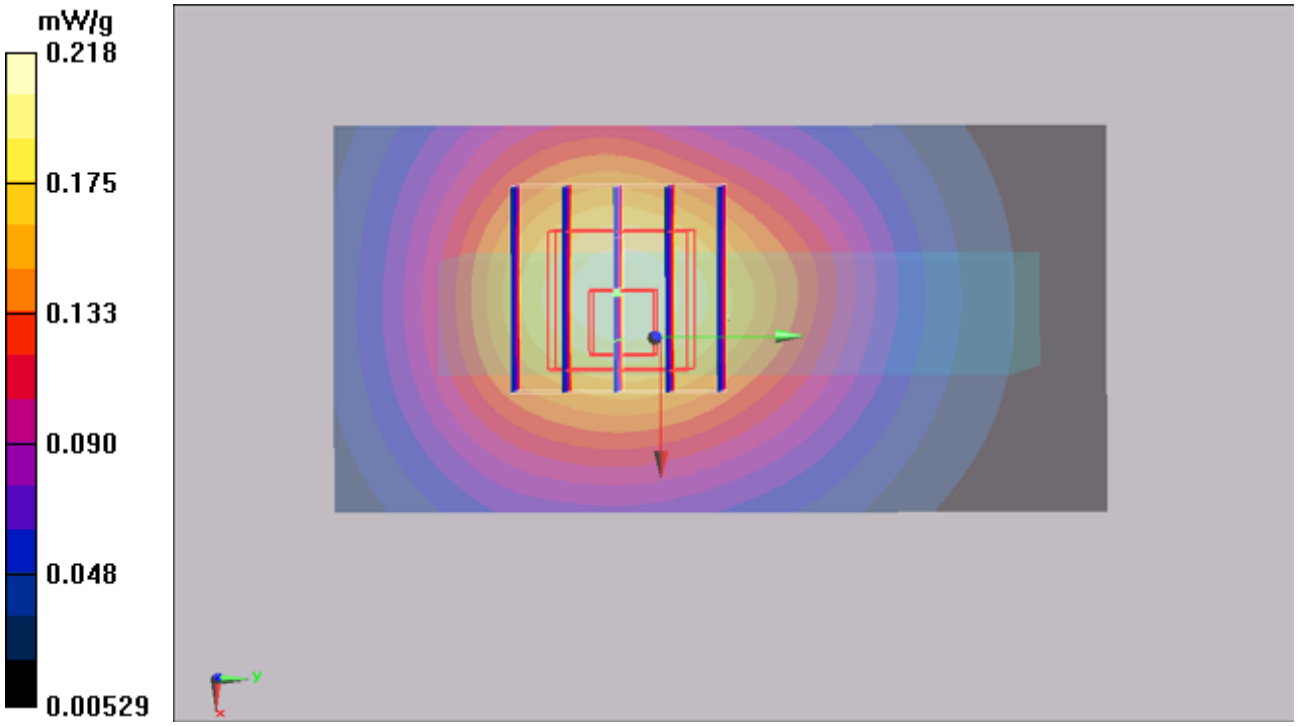
DUT: 0D2830

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_110514 Medium parameters used: f = 782.237 MHz; σ = 0.935 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch23230/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.218 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.9 V/m; Power Drift = -0.141 dB
Peak SAR (extrapolated) = 0.286 W/kg
SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.138 mW/g
Maximum value of SAR (measured) = 0.207 mW/g


mW/g
0.218
0.175
0.133
0.090
0.048
0.00529

#26 LTE750_10M_16QAM(1-0)_Left Side_1cm_Ch23230

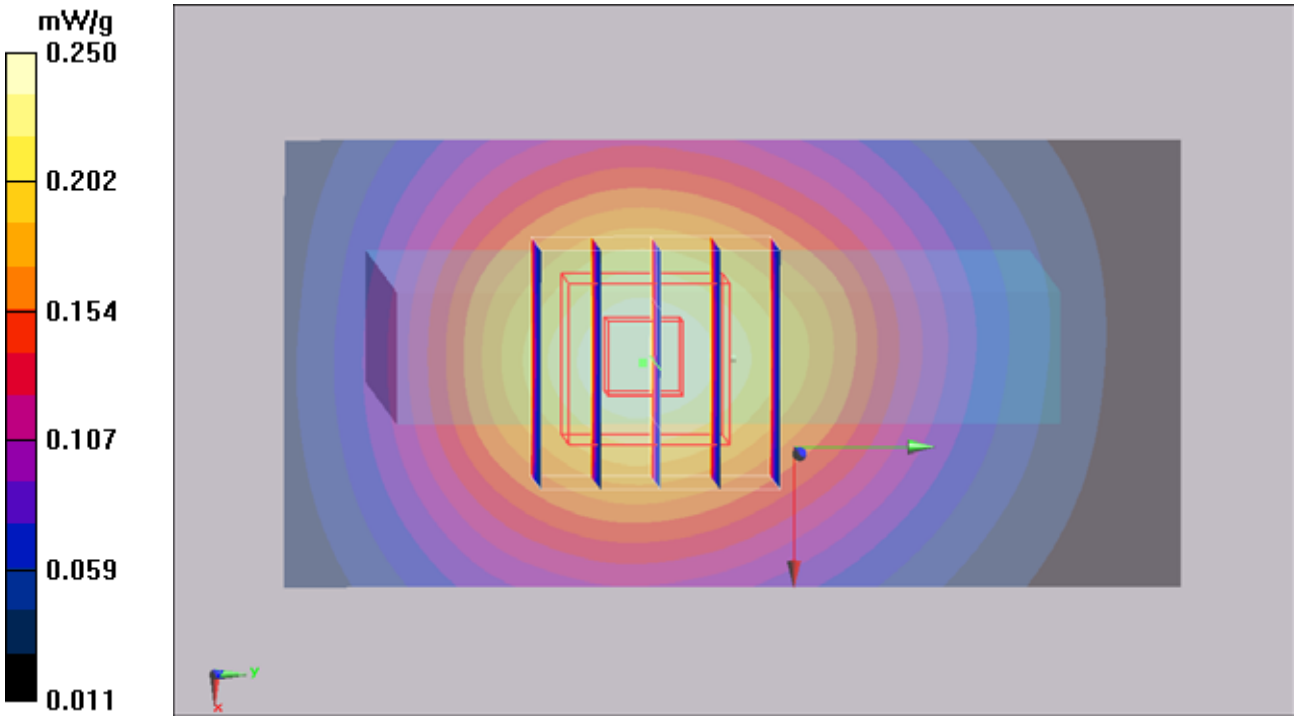
DUT: 0D2830

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_110514 Medium parameters used: f = 782.237 MHz; σ = 0.935 mho/m; ε_r = 55.8; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch23230/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.250 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.6 V/m; Power Drift = -0.018 dB
Peak SAR (extrapolated) = 0.304 W/kg
SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.166 mW/g
Maximum value of SAR (measured) = 0.246 mW/g


mW/g
0.250
0.202
0.154
0.107
0.059
0.011

#49 802.11b_Left Side_Ch1_5.5M_13

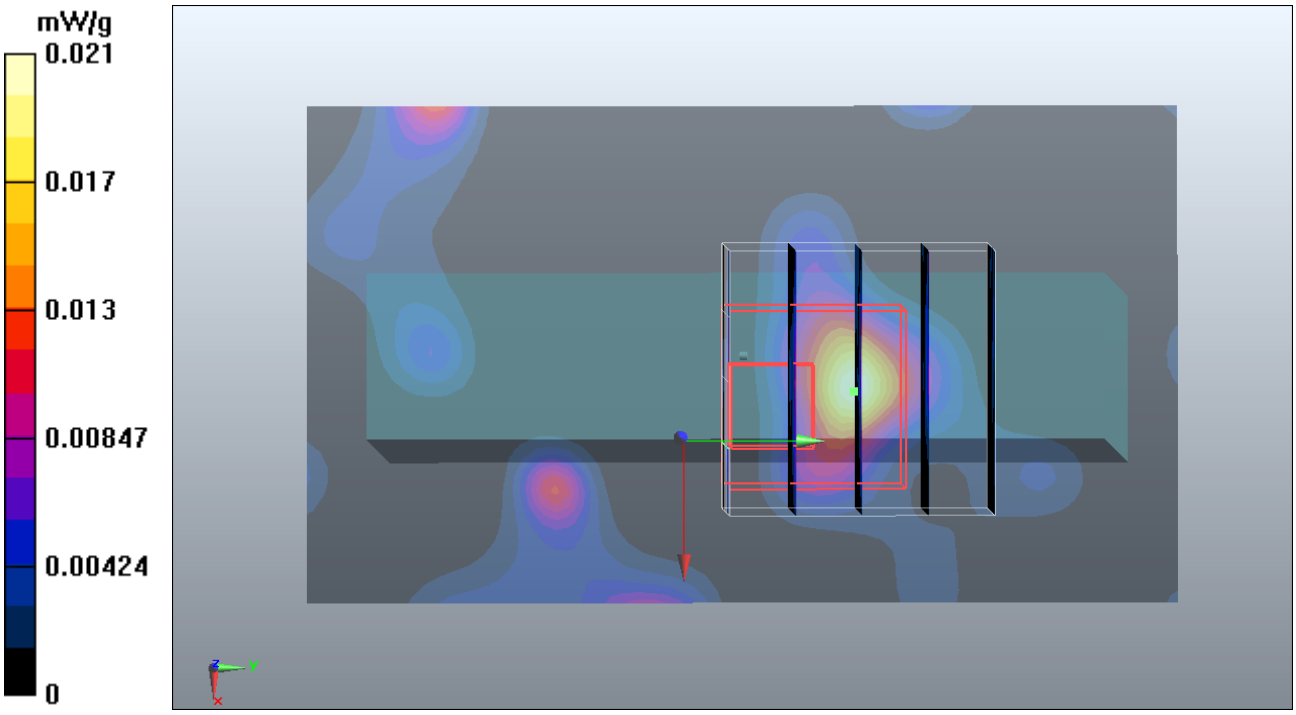
DUT: 0D2801

Communication System: Wifi; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110505 Medium parameters used: f = 2412 MHz; σ = 1.92 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.04, 4.04, 4.04); 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

Ch1/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.021 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.5 V/m; Power Drift = 0.076 dB
Peak SAR (extrapolated) = 0.020 W/kg
SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00422 mW/g
Maximum value of SAR (measured) = 0.014 mW/g


mW/g
0.021
0.017
0.013
0.00847
0.00424
0