#59 LTE Band II_QPSK_RB(1 0)_Front_1cm_Ch18900

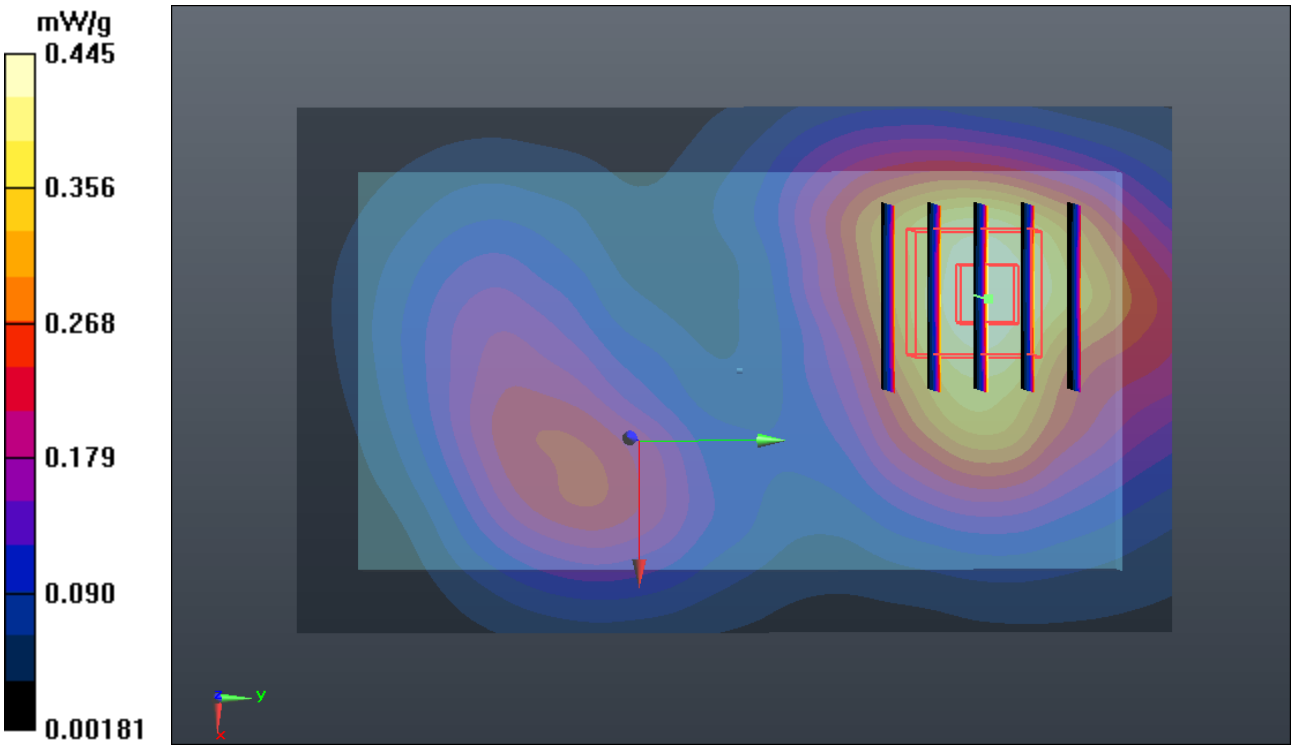
DUT: 1N0701

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1880 MHz; σ = 1.509 mho/m; ε_r = 52.468; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.445 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.125 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.632 W/kg
SAR(1 g) = 0.410 mW/g; SAR(10 g) = 0.258 mW/g
Maximum value of SAR (measured) = 0.441 mW/g


mW/g
0.445
0.356
0.268
0.179
0.090
0.00181
y

#60 LTE Band II_QPSK_RB(1 0)_Back_1cm_Ch18900

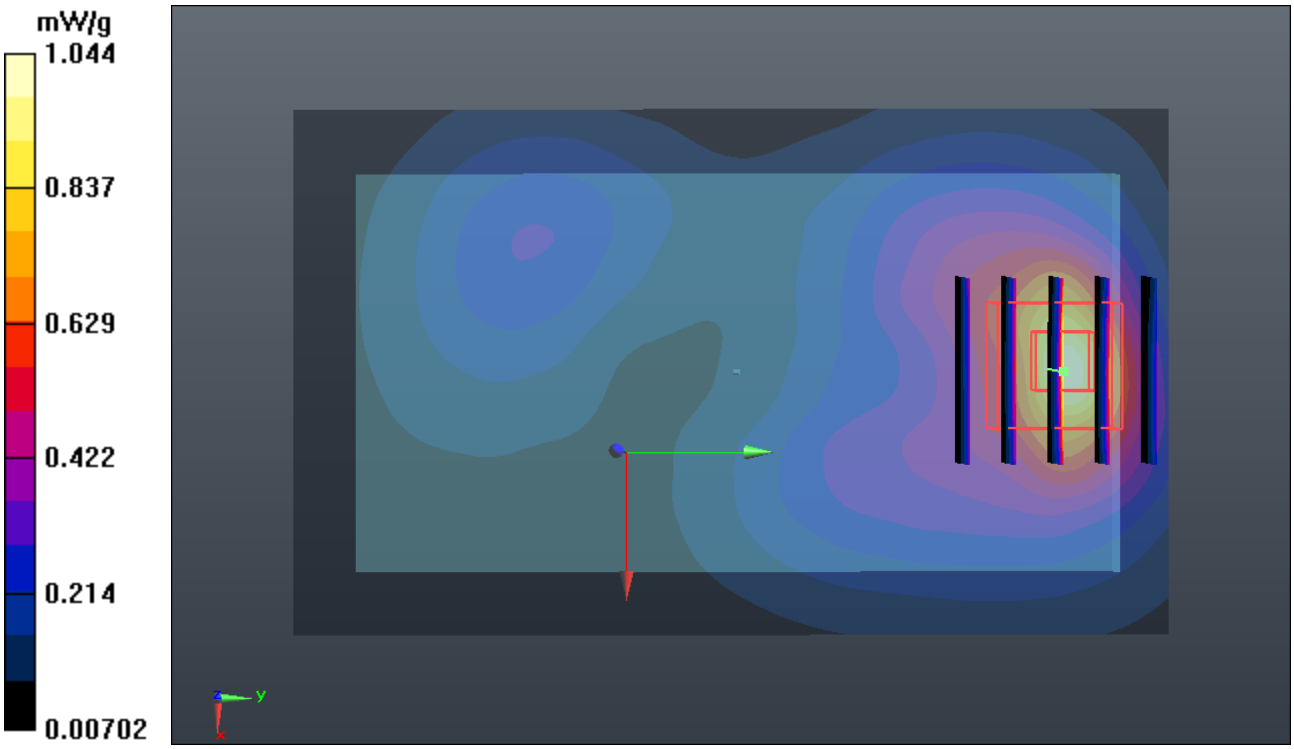
DUT: 1N0701

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1880 MHz; σ = 1.509 mho/m; ε_r = 52.468; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.044 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.662 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.596 W/kg
SAR(1 g) = 0.919 mW/g; SAR(10 g) = 0.496 mW/g
Maximum value of SAR (measured) = 1.038 mW/g


mW/g
1.044
0.837
0.629
0.422
0.214
0.00702
y

#60 LTE Band II_QPSK_RB(1 0)_Back_1cm_Ch18900_2D

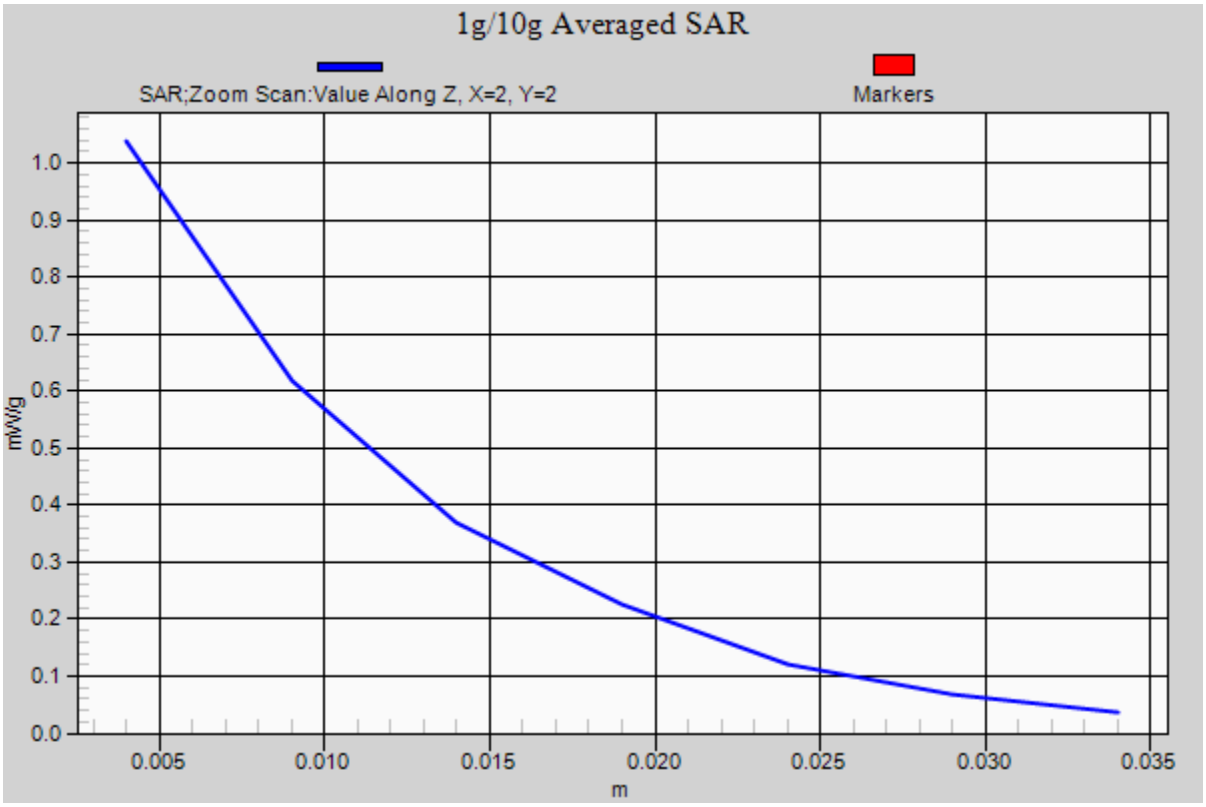
DUT: 1N0701

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1880 MHz; σ = 1.509 mho/m; ε_r = 52.468; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.044 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.662 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.596 W/kg
SAR(1 g) = 0.919 mW/g; SAR(10 g) = 0.496 mW/g
Maximum value of SAR (measured) = 1.038 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#61 LTE Band II_QPSK_RB(1 0)_Left Side_1cm_Ch18900

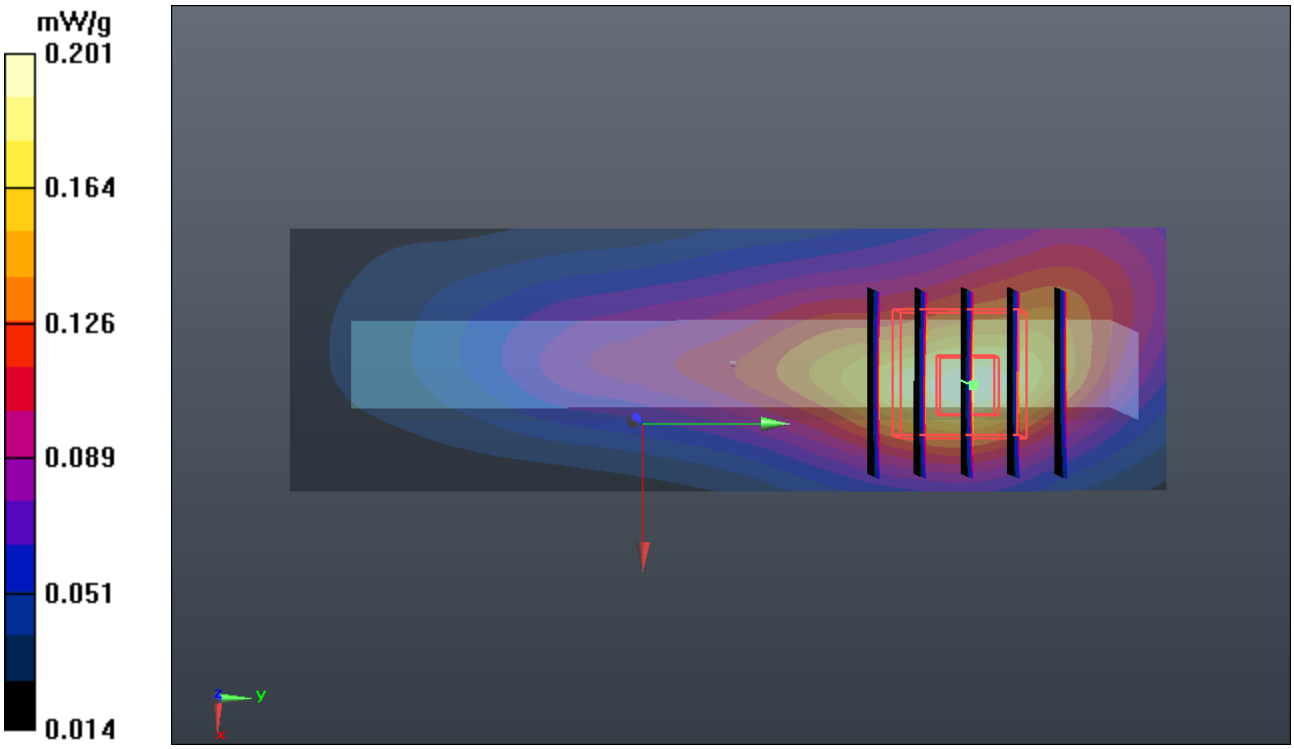
DUT: 1N0701

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1880 MHz; σ = 1.509 mho/m; ε_r = 52.468; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.201 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.371 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.306 W/kg
SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.101 mW/g
Maximum value of SAR (measured) = 0.196 mW/g


mW/g
0.201
0.164
0.126
0.089
0.051
0.014
y

#62 LTE Band II_QPSK_RB(1 0)_Right Side_1cm_Ch18900

DUT: 1N0701

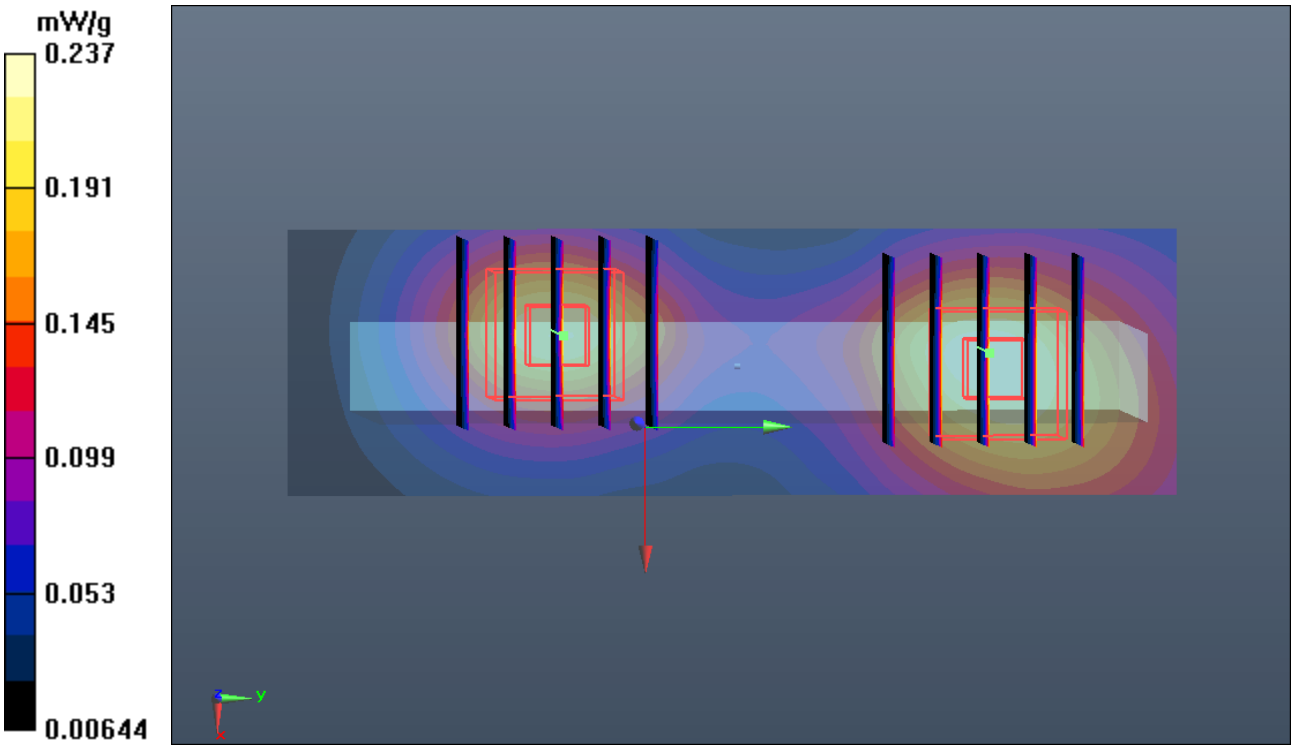
Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1880 MHz; σ = 1.509 mho/m; ε_r = 52.468; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.237 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.621 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.357 W/kg
SAR(1 g) = 0.218 mW/g; SAR(10 g) = 0.131 mW/g
Maximum value of SAR (measured) = 0.235 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.621 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.335 W/kg
SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.117 mW/g
Maximum value of SAR (measured) = 0.223 mW/g


mW/g
0.237
0.191
0.145
0.099
0.053
0.00644

#63 LTE Band II_QPSK_RB(1 0)_Top Side_1cm_Ch18900

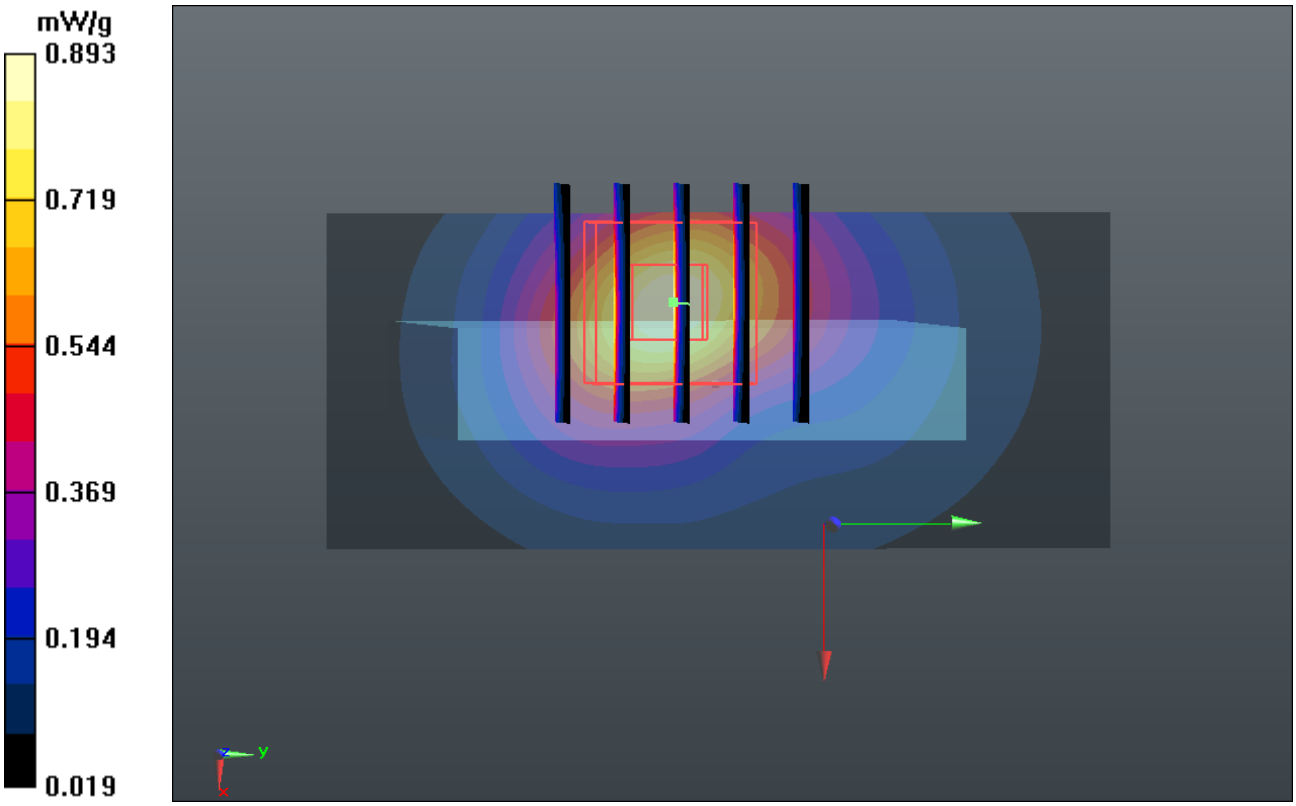
DUT: 1N0701

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1880 MHz; σ = 1.509 mho/m; ε_r = 52.468; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.893 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.338 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.379 W/kg
SAR(1 g) = 0.796 mW/g; SAR(10 g) = 0.430 mW/g
Maximum value of SAR (measured) = 0.892 mW/g


mW/g
0.893
0.719
0.544
0.369
0.194
0.019
y

#67 LTE Band II_QPSK_RB(1 99)_Front_1cm_Ch18900

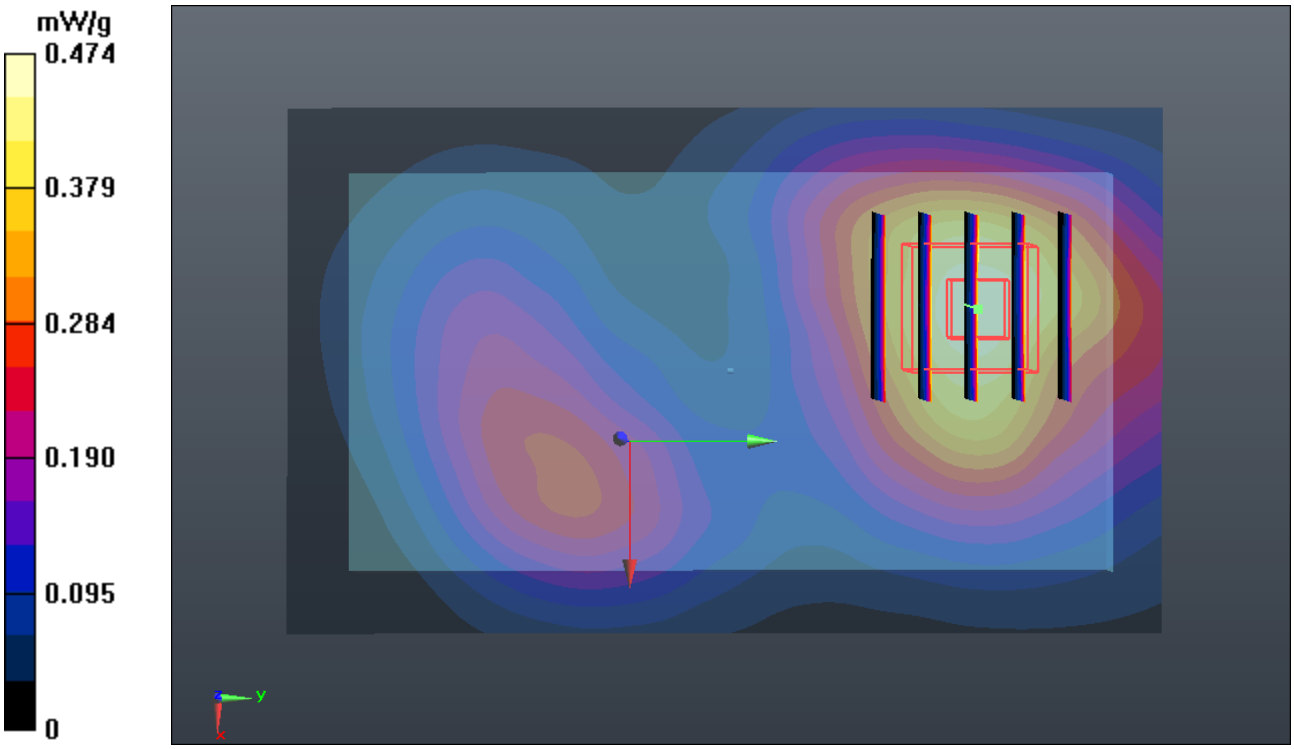
DUT: 1N0701

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1880 MHz; σ = 1.509 mho/m; ε_r = 52.468; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.474 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.603 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.682 W/kg
SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.269 mW/g
Maximum value of SAR (measured) = 0.464 mW/g


mW/g
0.474
0.379
0.284
0.190
0.095
0
y

#68 LTE Band II_QPSK_RB(1 99)_Back_1cm_Ch18900

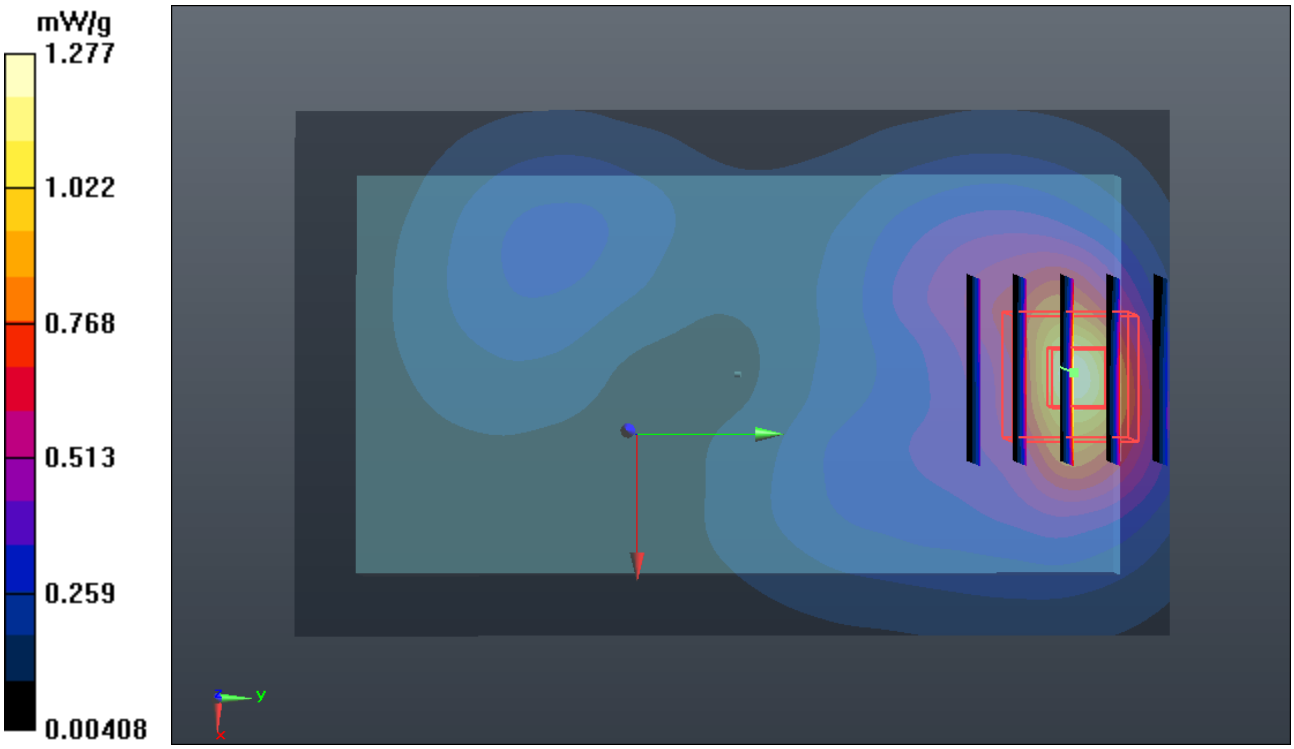
DUT: 1N0701

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1880 MHz; σ = 1.509 mho/m; ε_r = 52.468; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.277 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.981 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.976 W/kg
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.569 mW/g
Maximum value of SAR (measured) = 1.259 mW/g


mW/g
1.277
1.022
0.768
0.513
0.259
0.00408
y

#68 LTE Band II_QPSK_RB(1 99)_Back_1cm_Ch18900_2D

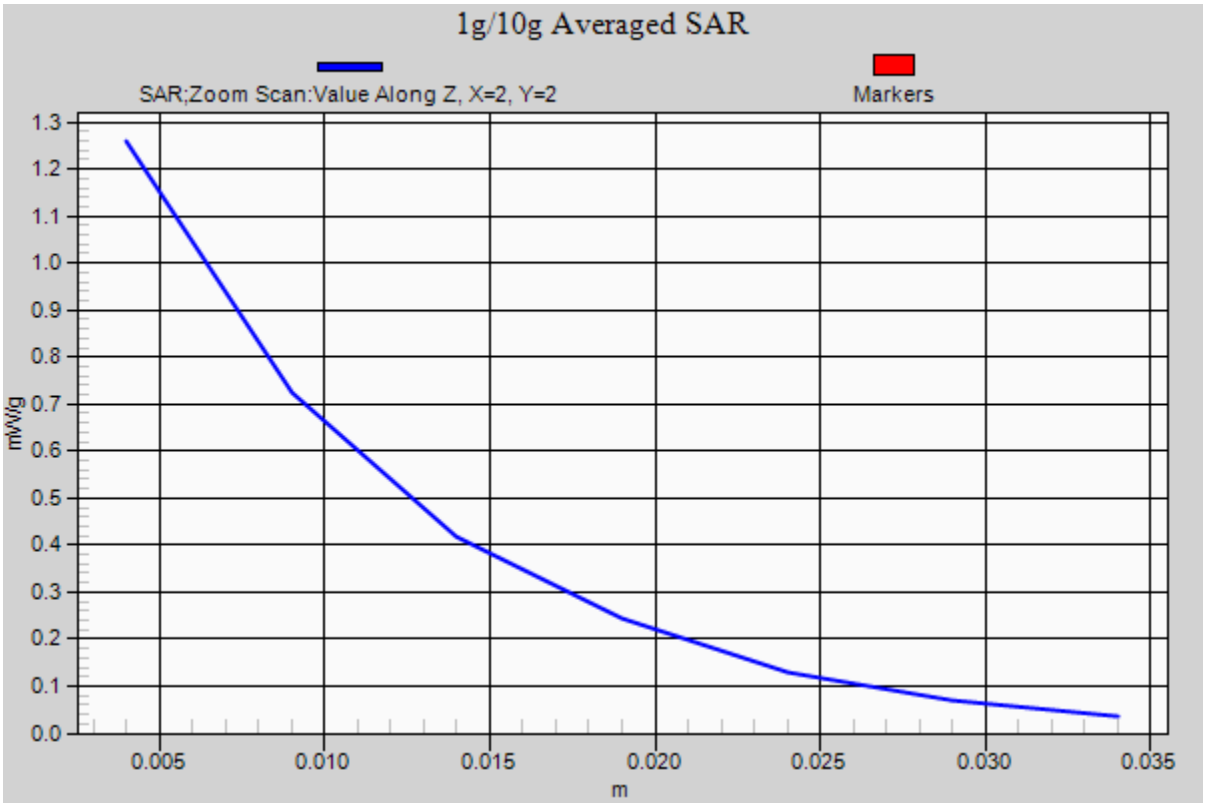
DUT: 1N0701

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1880 MHz; σ = 1.509 mho/m; ε_r = 52.468; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.277 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.981 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.976 W/kg
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.569 mW/g
Maximum value of SAR (measured) = 1.259 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
1.3
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
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#69 LTE Band II_QPSK_RB(1 99)_Left Side_1cm_Ch18900

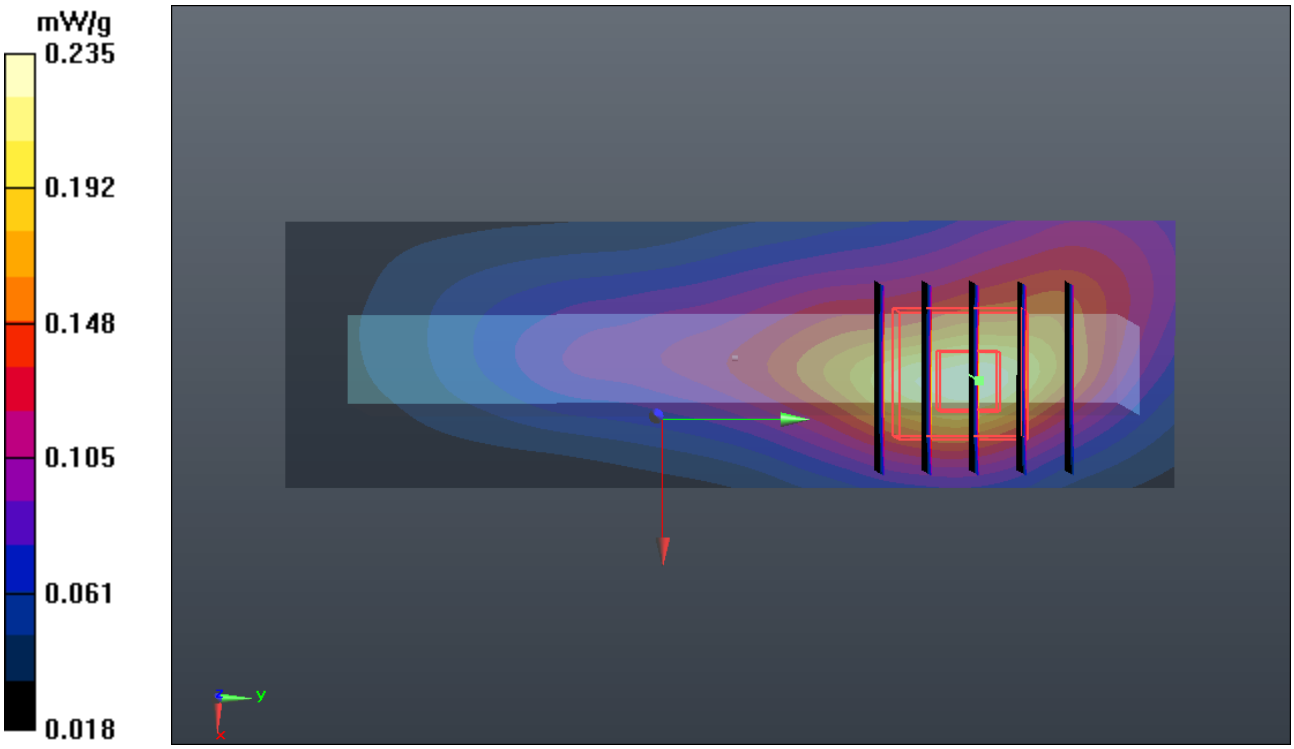
DUT: 1N0701

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1880 MHz; σ = 1.509 mho/m; ε_r = 52.468; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.235 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.018 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.370 W/kg
SAR(1 g) = 0.210 mW/g; SAR(10 g) = 0.119 mW/g
Maximum value of SAR (measured) = 0.233 mW/g


mW/g
0.235
0.192
0.148
0.105
0.061
0.018
y

#70 LTE Band II_QPSK_RB(1 99)_Right Side_1cm_Ch18900

DUT: 1N0701

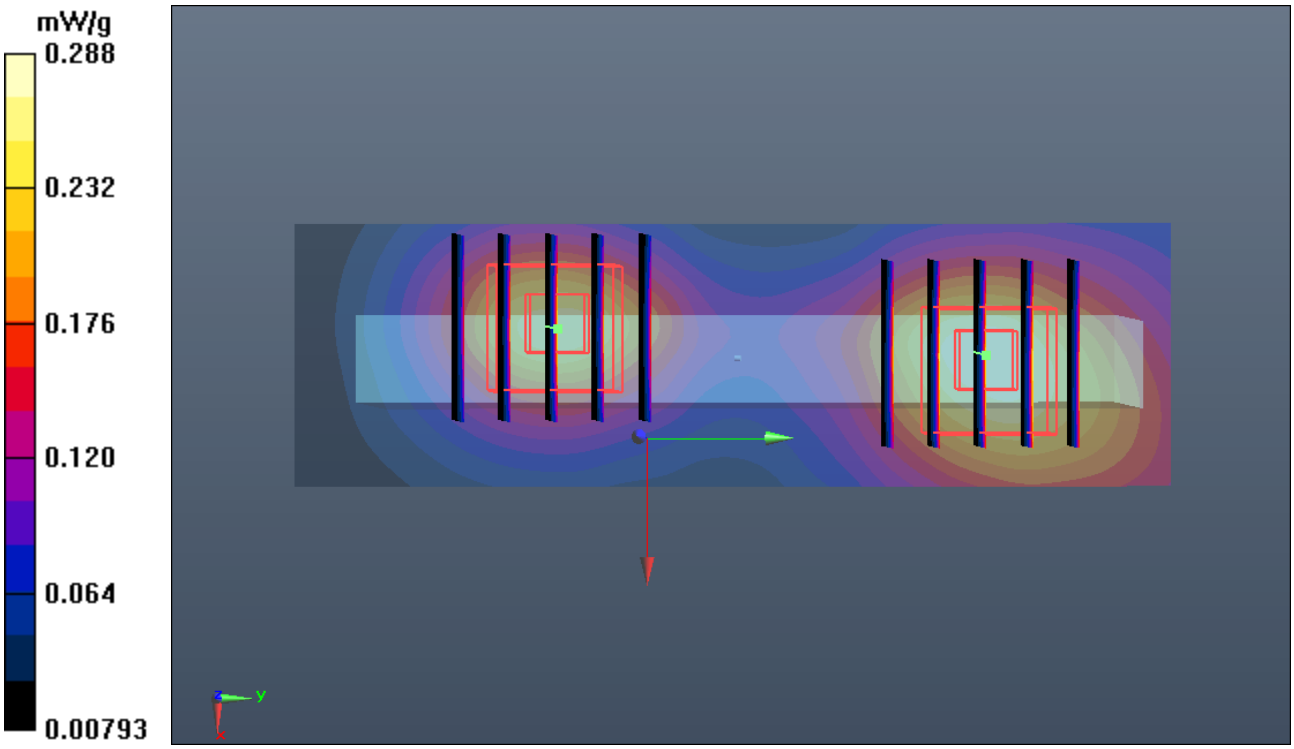
Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1880 MHz; σ = 1.509 mho/m; ε_r = 52.468; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.288 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.344 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.418 W/kg
SAR(1 g) = 0.255 mW/g; SAR(10 g) = 0.153 mW/g
Maximum value of SAR (measured) = 0.279 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.344 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.375 W/kg
SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.131 mW/g
Maximum value of SAR (measured) = 0.248 mW/g


mW/g
0.288
0.232
0.176
0.120
0.064
0.00793
y

#71 LTE Band II_QPSK_RB(1 99)_Top Side_1cm_Ch18900

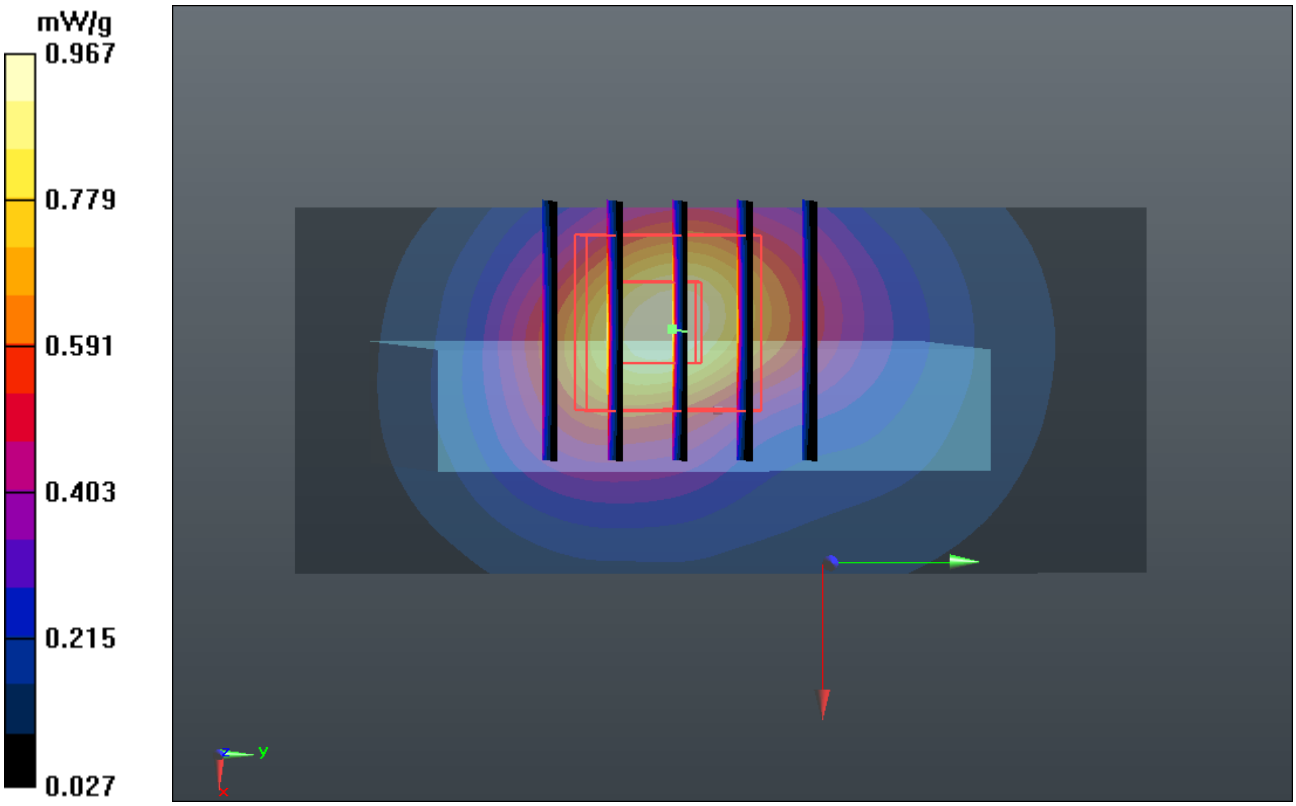
DUT: 1N0701

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1880 MHz; σ = 1.509 mho/m; ε_r = 52.468; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.967 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.970 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.500 W/kg
SAR(1 g) = 0.862 mW/g; SAR(10 g) = 0.464 mW/g
Maximum value of SAR (measured) = 0.959 mW/g


mW/g
0.967
0.779
0.591
0.403
0.215
0.027
y

#75 LTE Band II_16QAM_RB(50 25)_Front_1cm_Ch18900

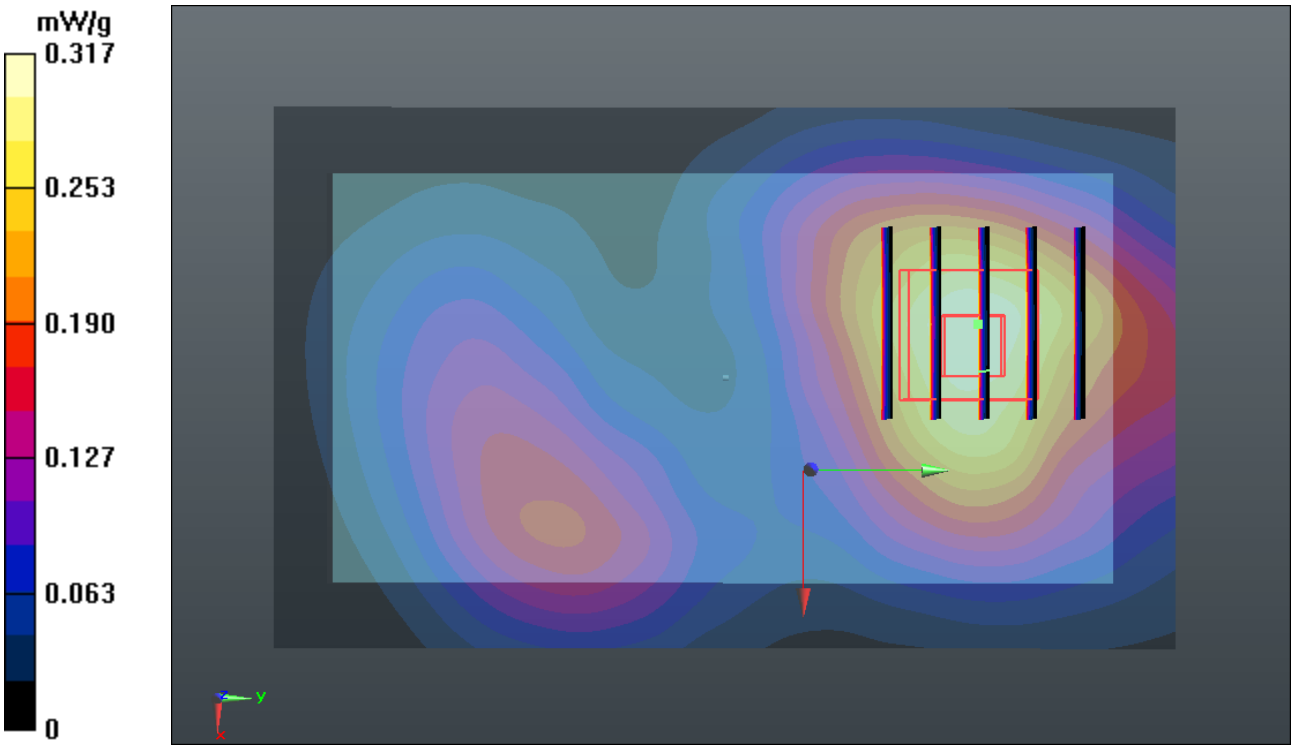
DUT: 1N0701

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120106 Medium parameters used: f = 1880 MHz; σ = 1.489 mho/m; ε_r = 53.955; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.317 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.300 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.458 W/kg
SAR(1 g) = 0.284 mW/g; SAR(10 g) = 0.175 mW/g
Maximum value of SAR (measured) = 0.304 mW/g


mW/g
0.317
0.253
0.190
0.127
0.063
0
y

#76 LTE Band II_16QAM_RB(50 25)_Back_1cm_Ch18900

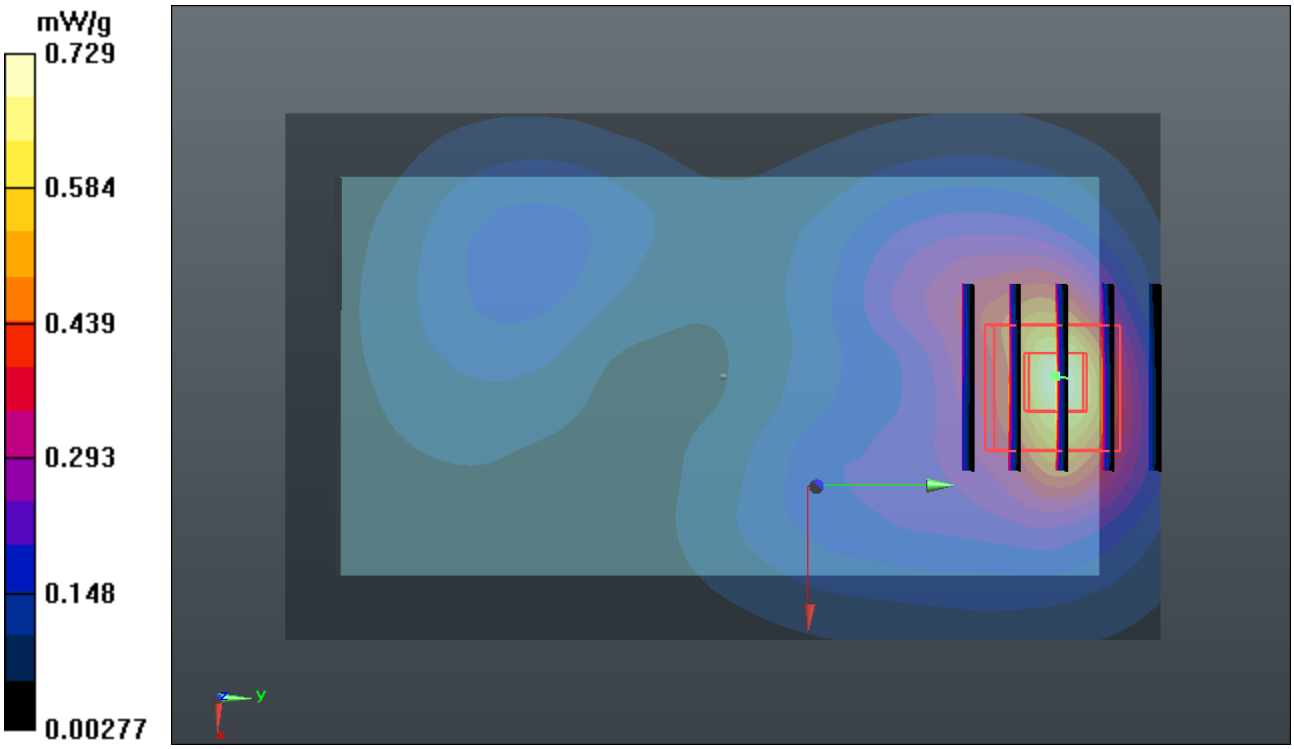
DUT: 1N0701

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120106 Medium parameters used: f = 1880 MHz; σ = 1.489 mho/m; ε_r = 53.955; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.729 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.078 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.156 W/kg
SAR(1 g) = 0.642 mW/g; SAR(10 g) = 0.334 mW/g
Maximum value of SAR (measured) = 0.732 mW/g


mW/g
0.729
0.584
0.439
0.293
0.148
0.00277
y

#76 LTE Band II_16QAM_RB(50 25)_Back_1cm_Ch18900_2D

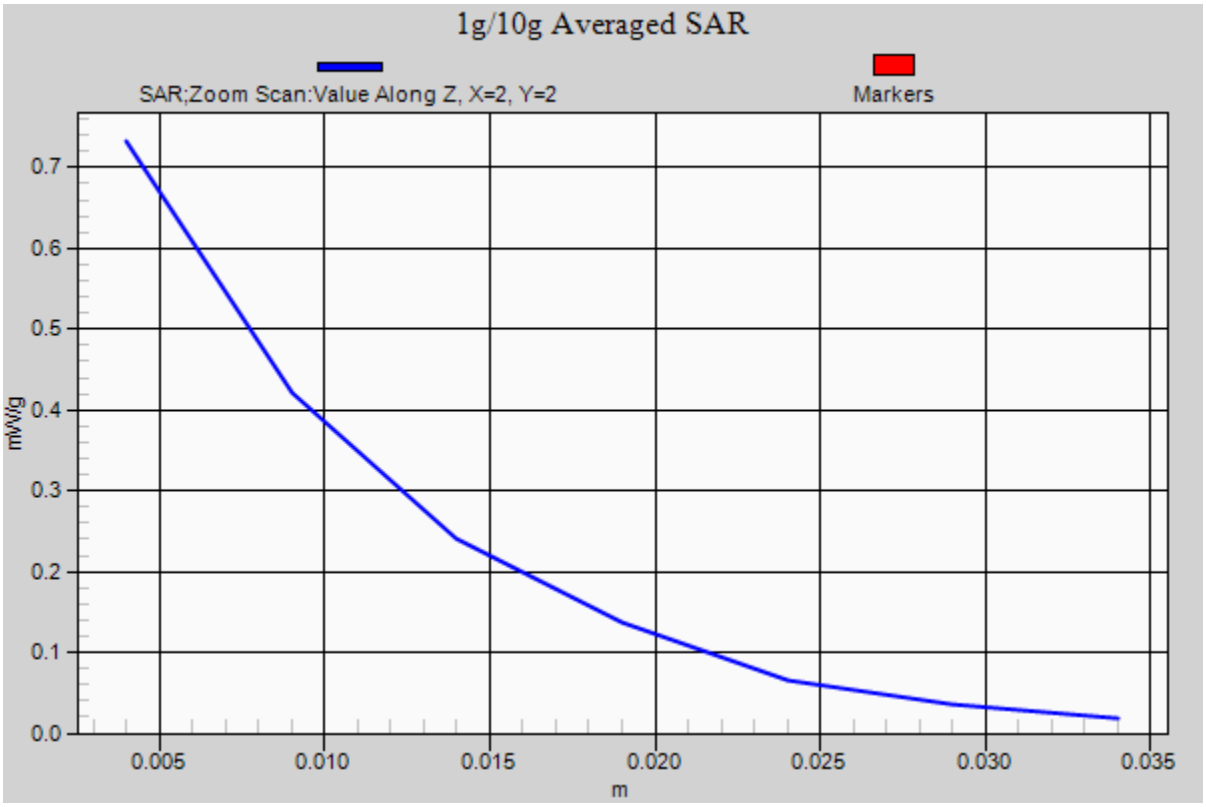
DUT: 1N0701

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120106 Medium parameters used: f = 1880 MHz; σ = 1.489 mho/m; ε_r = 53.955; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.729 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.078 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.156 W/kg
SAR(1 g) = 0.642 mW/g; SAR(10 g) = 0.334 mW/g
Maximum value of SAR (measured) = 0.732 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

#77 LTE Band II_16QAM_RB(50 25)_Left Side_1cm_Ch18900

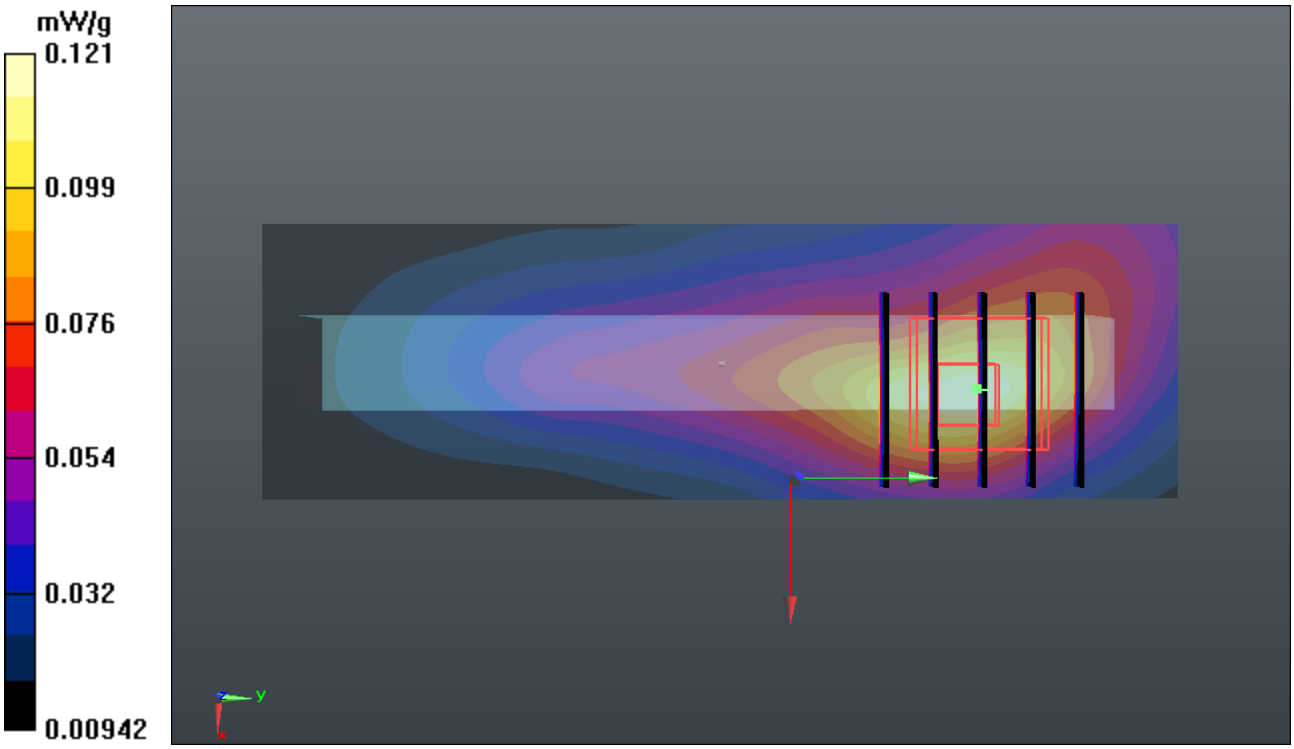
DUT: 1N0701

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120106 Medium parameters used: f = 1880 MHz; σ = 1.489 mho/m; ε_r = 53.955; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.121 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.946 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.177 W/kg
SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.057 mW/g
Maximum value of SAR (measured) = 0.113 mW/g


mW/g
0.121
0.099
0.076
0.054
0.032
0.00942
y

#78 LTE Band II_16QAM_RB(50 25)_Right Side_1cm_Ch18900

DUT: 1N0701

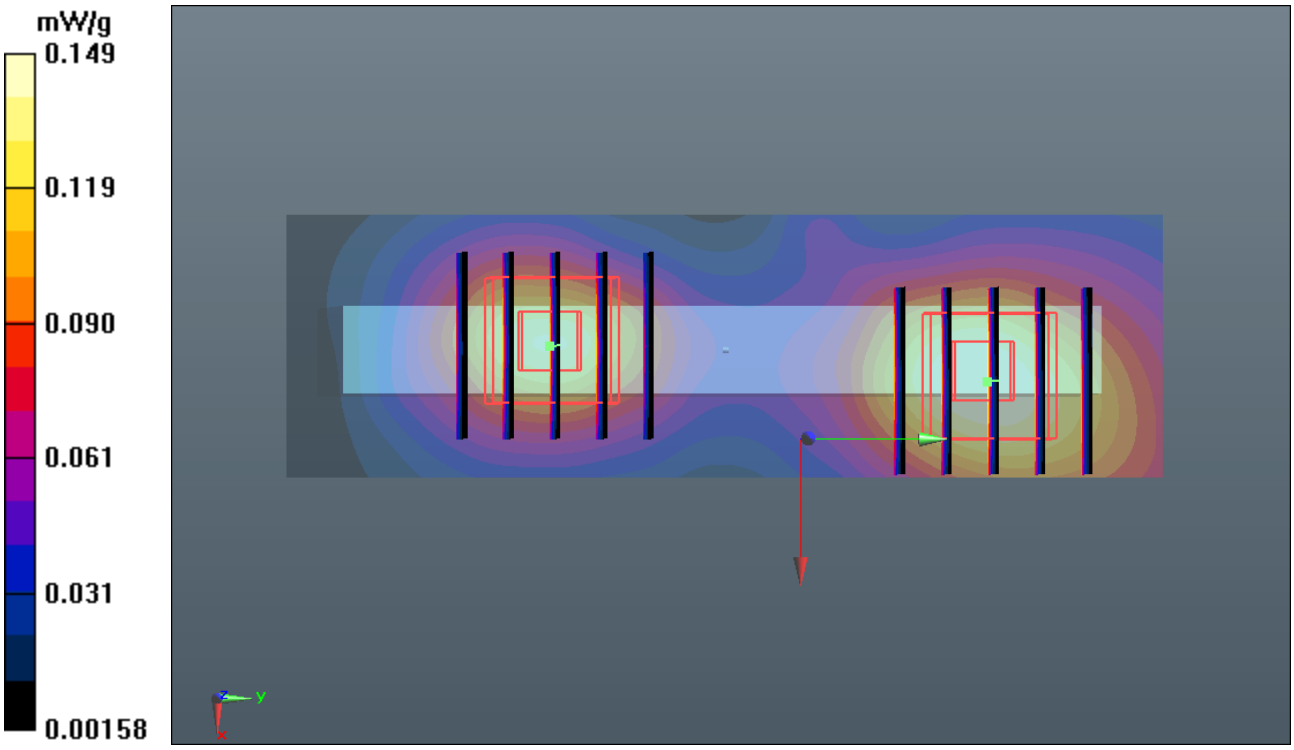
Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120106 Medium parameters used: f = 1880 MHz; σ = 1.489 mho/m; ε_r = 53.955; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.149 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.936 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.239 W/kg
SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.084 mW/g
Maximum value of SAR (measured) = 0.152 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.936 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.206 W/kg
SAR(1 g) = 0.123 mW/g; SAR(10 g) = 0.070 mW/g
Maximum value of SAR (measured) = 0.136 mW/g


mW/g
0.149
0.119
0.090
0.061
0.031
0.00158

#79 LTE Band II_16QAM_RB(50 25)_Top Side_1cm_Ch18900

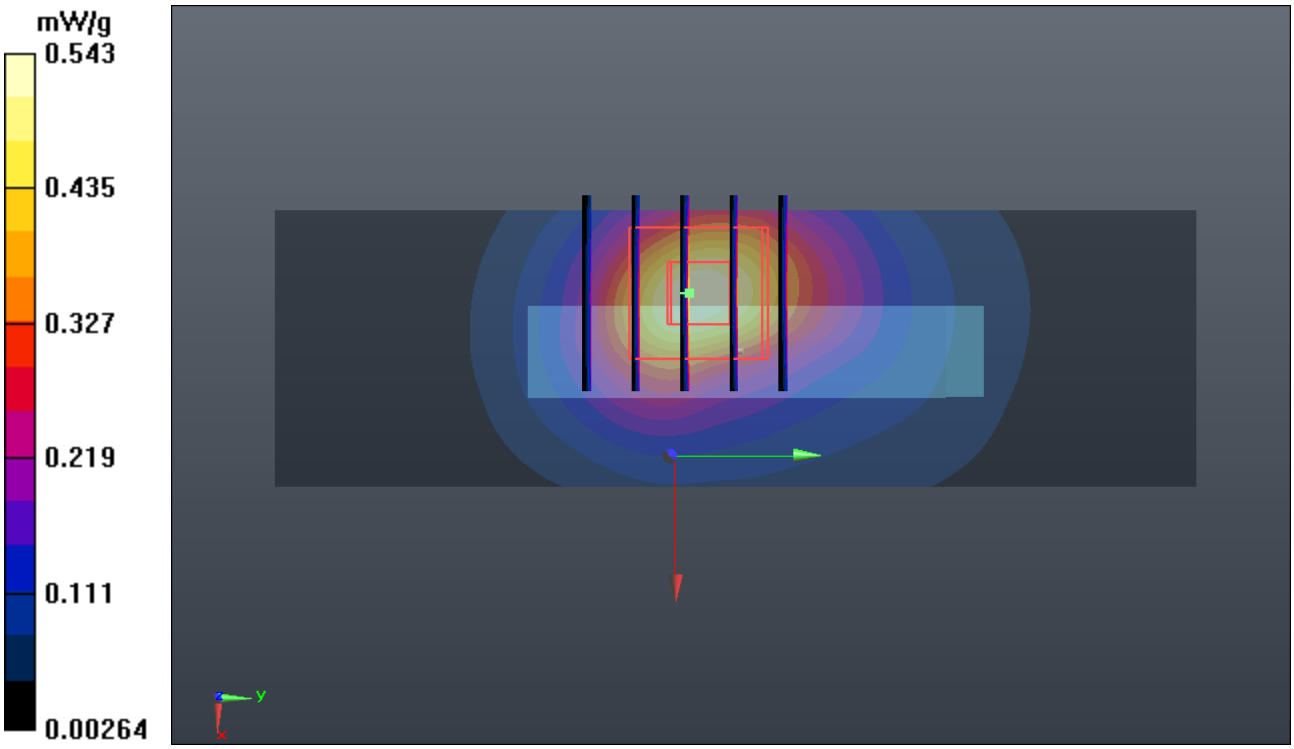
DUT: 1N0701

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120106 Medium parameters used: f = 1880 MHz; σ = 1.489 mho/m; ε_r = 53.955; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.543 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.075 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.890 W/kg
SAR(1 g) = 0.503 mW/g; SAR(10 g) = 0.268 mW/g
Maximum value of SAR (measured) = 0.562 mW/g


mW/g
0.543
0.435
0.327
0.219
0.111
0.00264
y

#81 LTE Band II_16QAM_RB(1 0)_Front_1cm_Ch19100

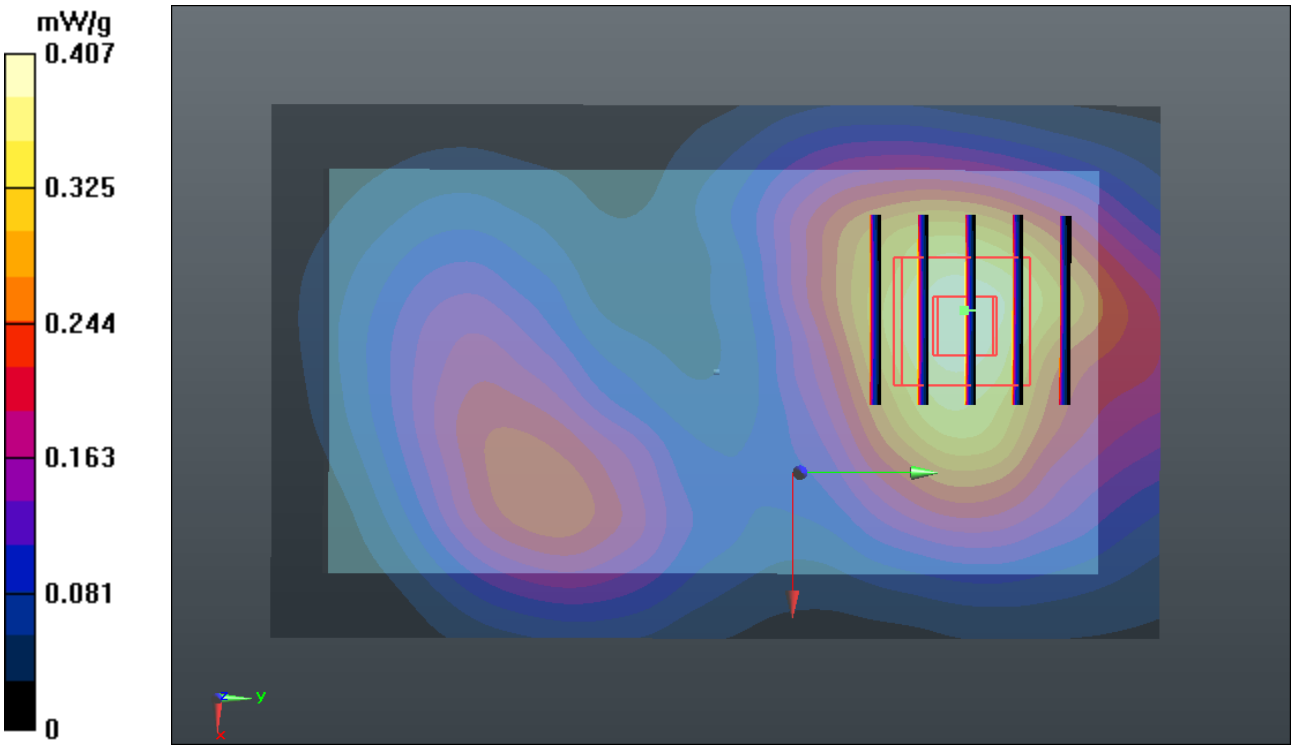
DUT: 1N0701

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120106 Medium parameters used: f = 1900 MHz; σ = 1.512 mho/m; ε_r = 53.903; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch19100/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.407 mW/g

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.244 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.576 W/kg
SAR(1 g) = 0.358 mW/g; SAR(10 g) = 0.221 mW/g
Maximum value of SAR (measured) = 0.382 mW/g


mW/g
0.407
0.325
0.244
0.163
0.081
0
y

#82 LTE Band II_16QAM_RB(1 0)_Back_1cm_Ch19100

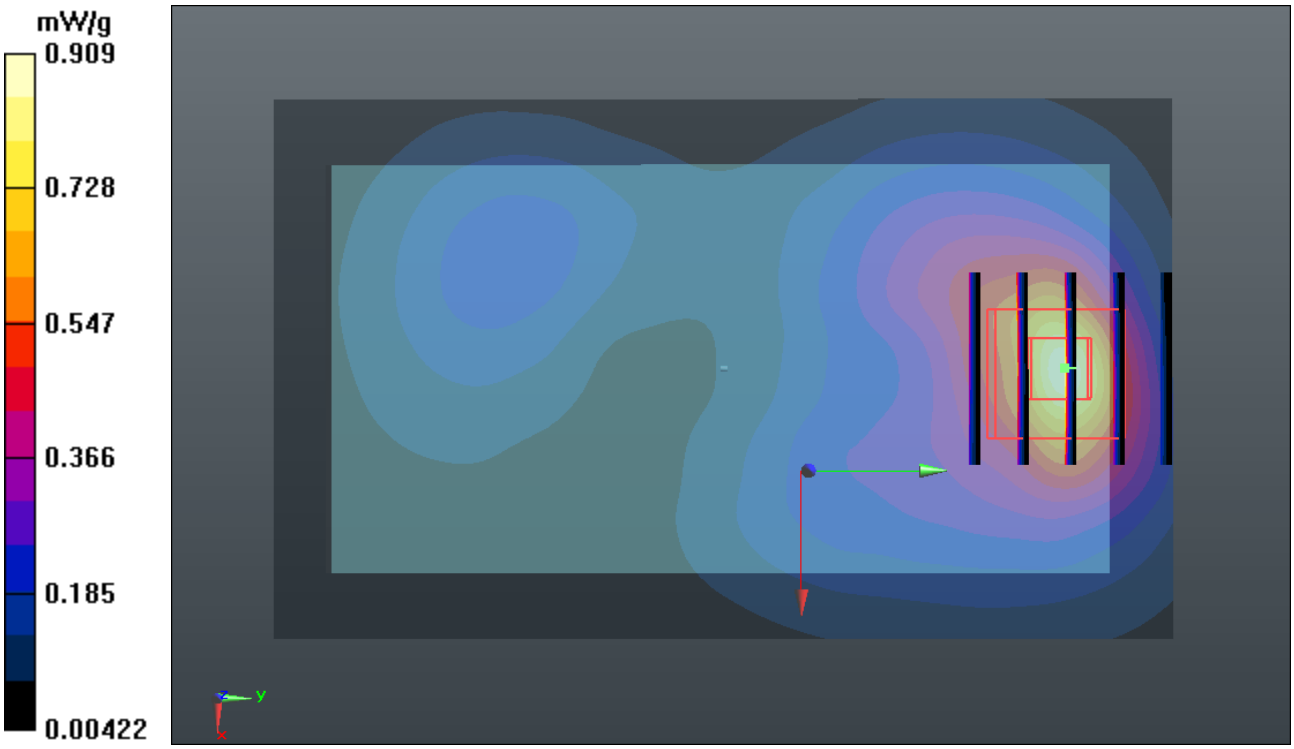
DUT: 1N0701

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120106 Medium parameters used: f = 1900 MHz; σ = 1.512 mho/m; ε_r = 53.903; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch19100/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.909 mW/g

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.938 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.468 W/kg
SAR(1 g) = 0.808 mW/g; SAR(10 g) = 0.422 mW/g
Maximum value of SAR (measured) = 0.916 mW/g


mW/g
0.909
0.728
0.547
0.366
0.185
0.00422
y

#82 LTE Band II_16QAM_RB(1 0)_Back_1cm_Ch19100_2D

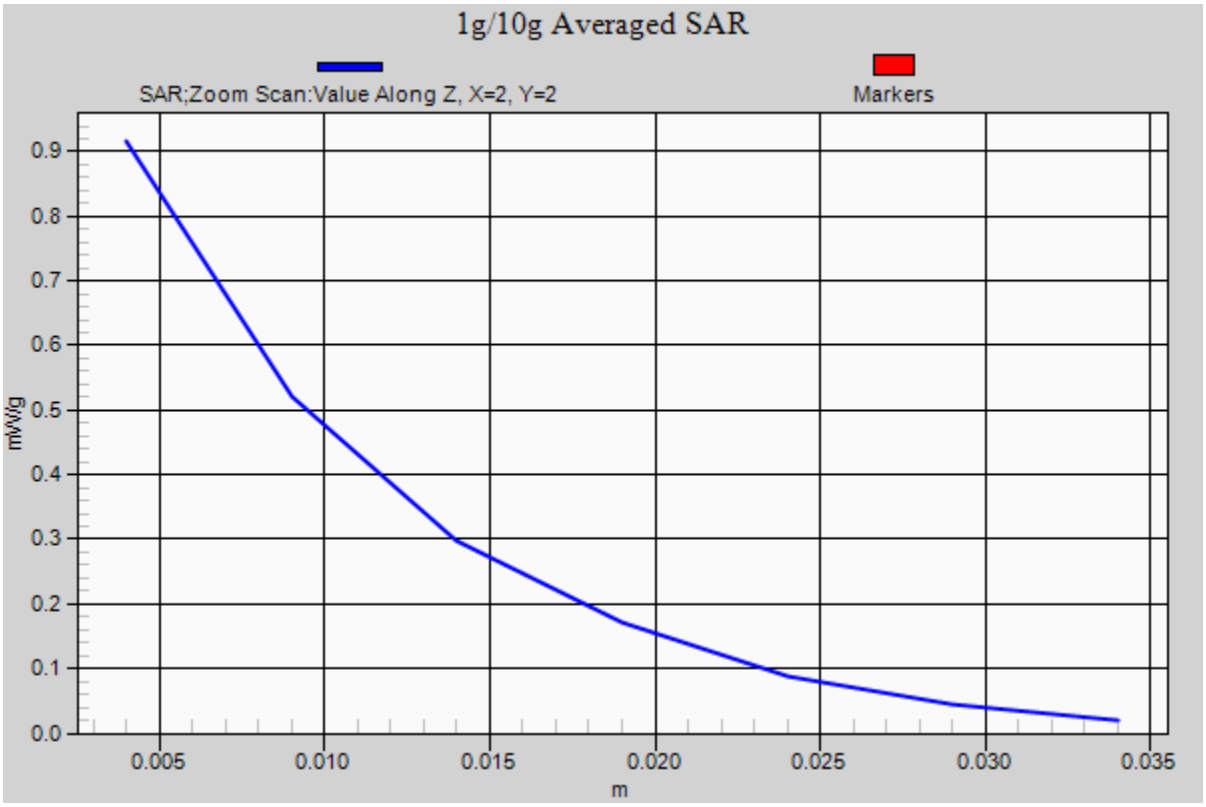
DUT: 1N0701

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120106 Medium parameters used: f = 1900 MHz; σ = 1.512 mho/m; ε_r = 53.903; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch19100/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.909 mW/g

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.938 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.468 W/kg
SAR(1 g) = 0.808 mW/g; SAR(10 g) = 0.422 mW/g
Maximum value of SAR (measured) = 0.916 mW/g


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

#83 LTE Band II_16QAM_RB(1 0)_Left Side_1cm_Ch19100

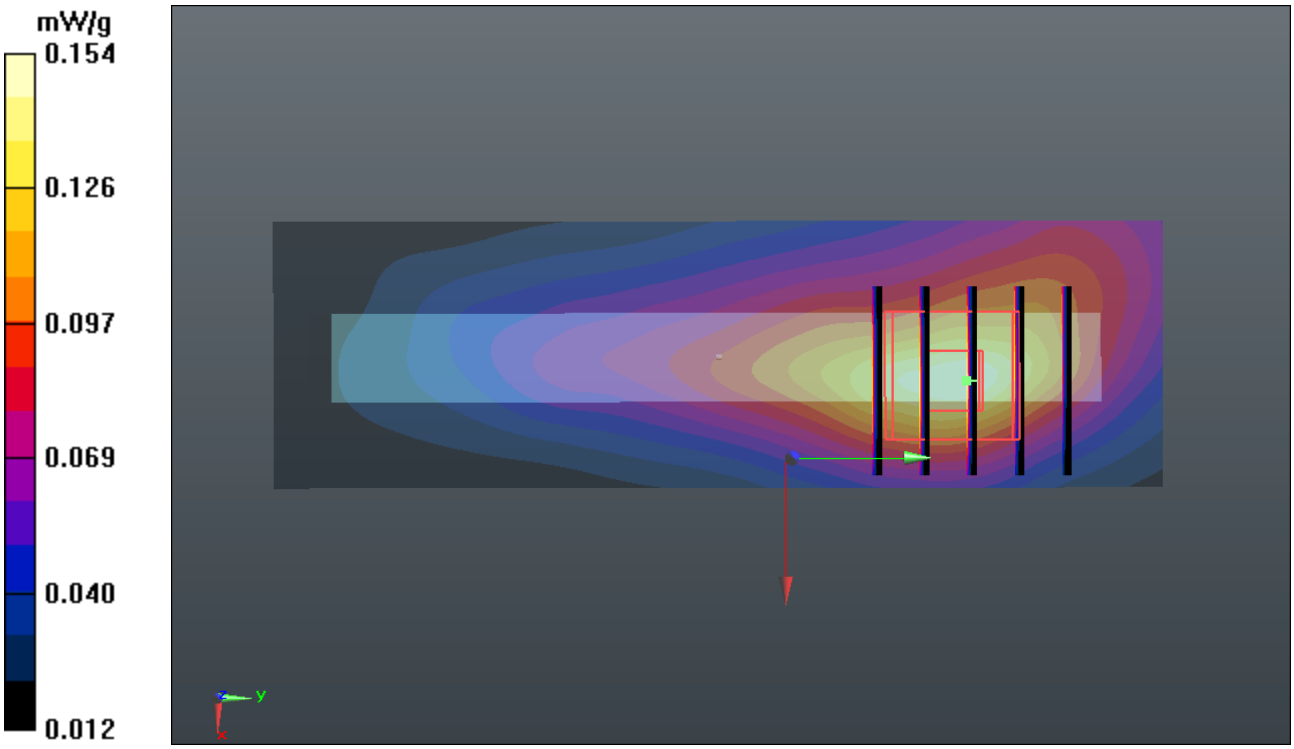
DUT: 1N0701

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120106 Medium parameters used: f = 1900 MHz; σ = 1.512 mho/m; ε_r = 53.903; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch19100/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.154 mW/g

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.640 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.249 W/kg
SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.078 mW/g
Maximum value of SAR (measured) = 0.156 mW/g


mW/g
0.154
0.126
0.097
0.069
0.040
0.012
y

#84 LTE Band II_16QAM_RB(1 0)_Right Side_1cm_Ch19100

DUT: 1N0701

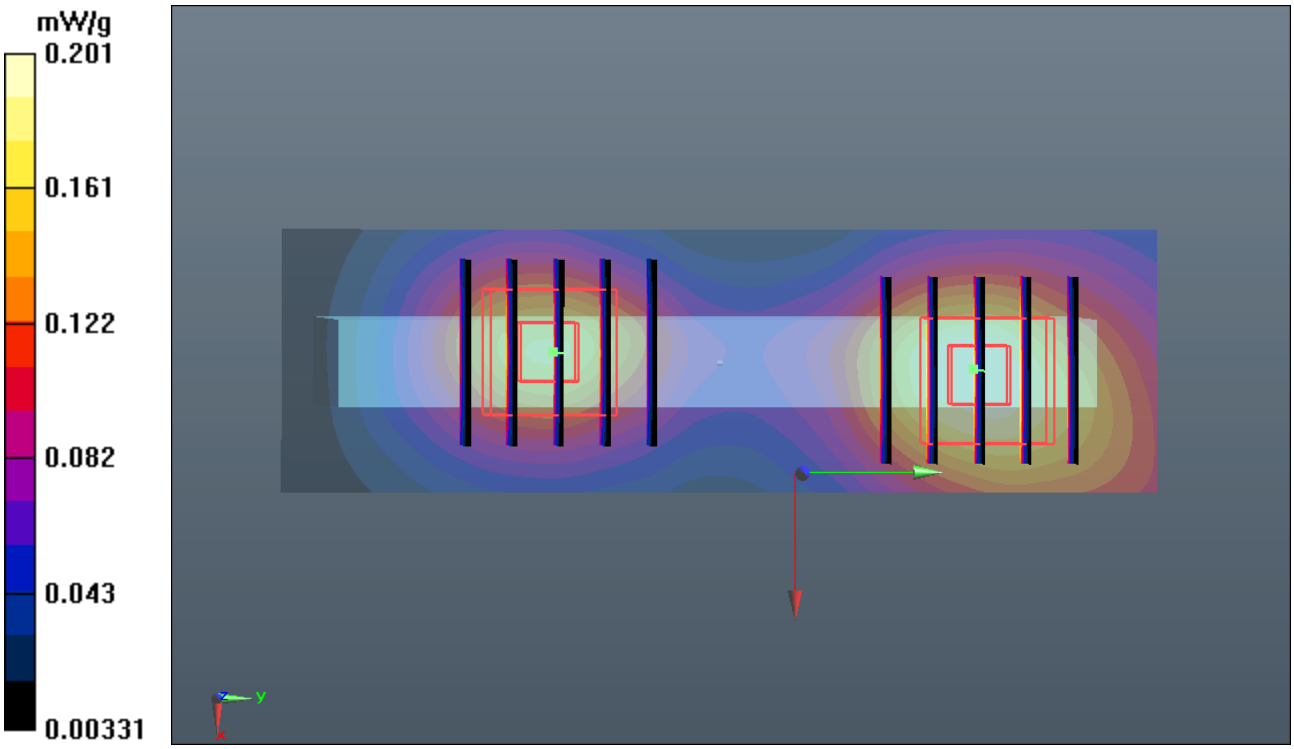
Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120106 Medium parameters used: f = 1900 MHz; σ = 1.512 mho/m; ε_r = 53.903; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch19100/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.201 mW/g

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.050 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.320 W/kg
SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.112 mW/g
Maximum value of SAR (measured) = 0.211 mW/g

Ch19100/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.050 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.270 W/kg
SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.092 mW/g
Maximum value of SAR (measured) = 0.177 mW/g


mW/g
0.201
0.161
0.122
0.082
0.043
0.00331
y

#85 LTE Band II_16QAM_RB(1 0)_Top Side_1cm_Ch19100

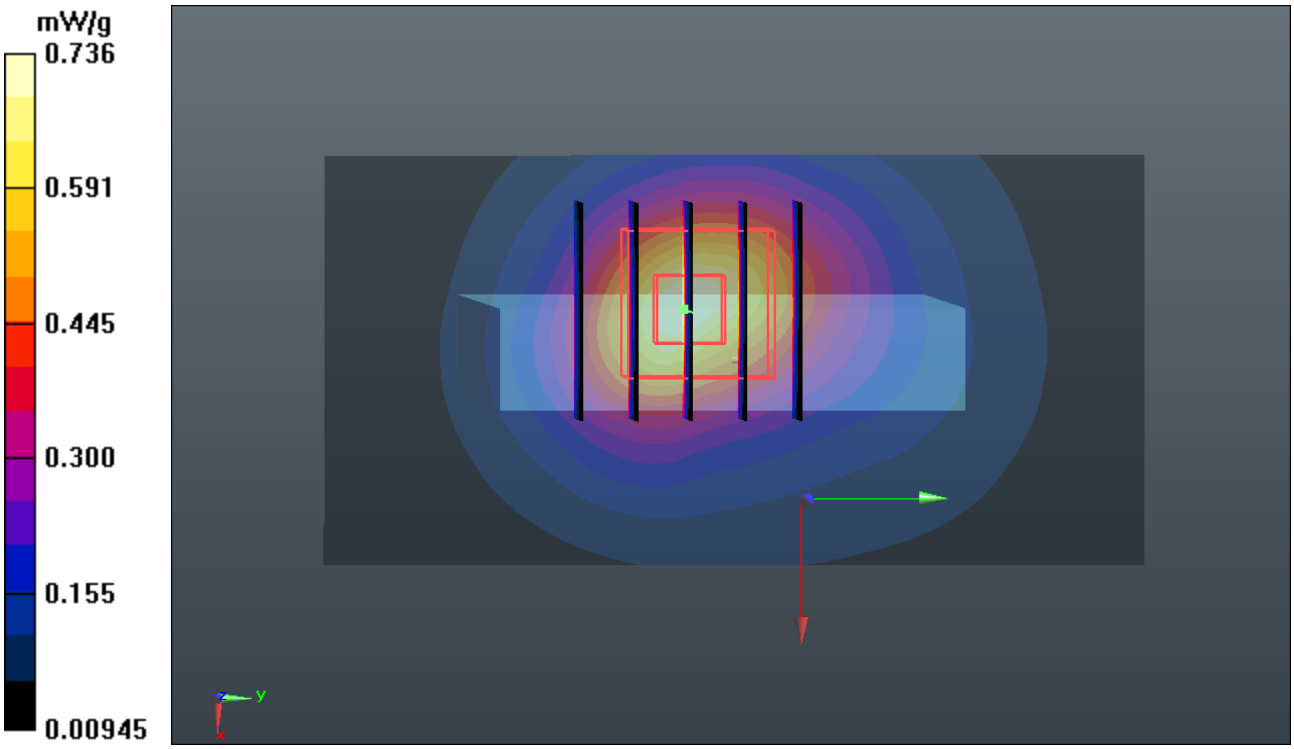
DUT: 1N0701

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120106 Medium parameters used: f = 1900 MHz; σ = 1.512 mho/m; ε_r = 53.903; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch19100/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.736 mW/g

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.071 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.196 W/kg
SAR(1 g) = 0.674 mW/g; SAR(10 g) = 0.361 mW/g
Maximum value of SAR (measured) = 0.757 mW/g


mW/g
0.736
0.591
0.445
0.300
0.155
0.00945
y

#87 LTE Band II_16QAM_RB(1 99)_Front_1cm_Ch19100

DUT: 1N0701

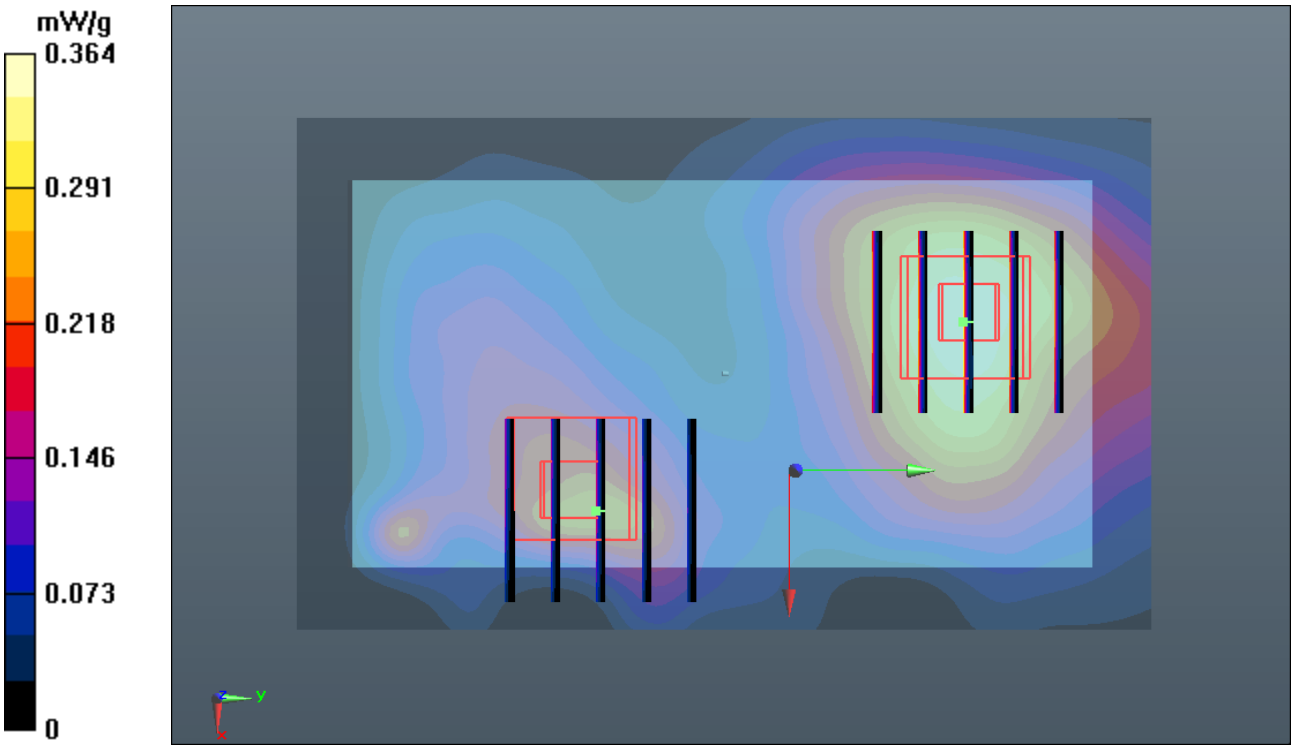
Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120106 Medium parameters used: f = 1900 MHz; σ = 1.512 mho/m; ε_r = 53.903; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch19100/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.364 mW/g

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.062 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.493 W/kg
SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.190 mW/g
Maximum value of SAR (measured) = 0.332 mW/g

Ch19100/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.062 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.285 W/kg
SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.104 mW/g
Maximum value of SAR (measured) = 0.184 mW/g


mW/g
0.364
0.291
0.218
0.146
0.073
0
y

#88 LTE Band II_16QAM_RB(1 99)_Back_1cm_Ch19100

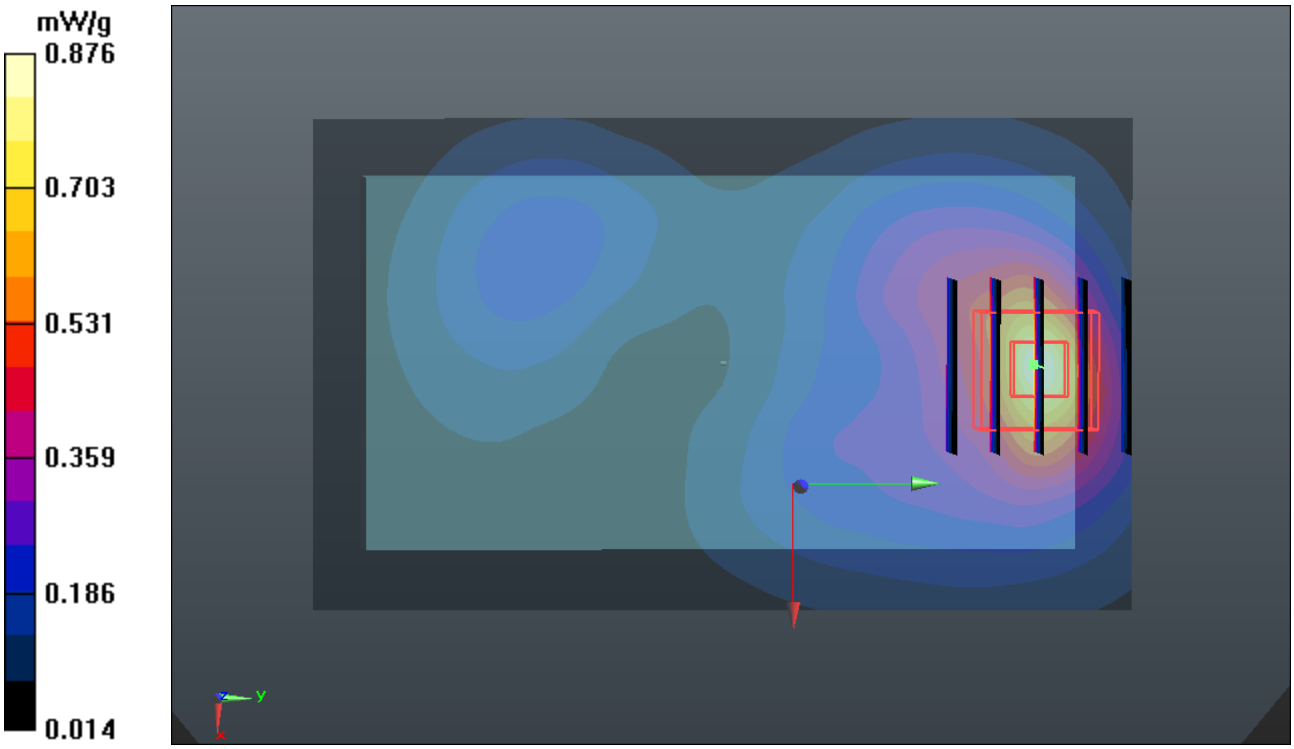
DUT: 1N0701

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120106 Medium parameters used: f = 1900 MHz; σ = 1.512 mho/m; ε_r = 53.903; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch19100/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.876 mW/g

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.248 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.319 W/kg
SAR(1 g) = 0.735 mW/g; SAR(10 g) = 0.388 mW/g
Maximum value of SAR (measured) = 0.833 mW/g


mW/g
0.876
0.703
0.531
0.359
0.186
0.014
y

#88 LTE Band II_16QAM_RB(1 99)_Back_1cm_Ch19100_2D

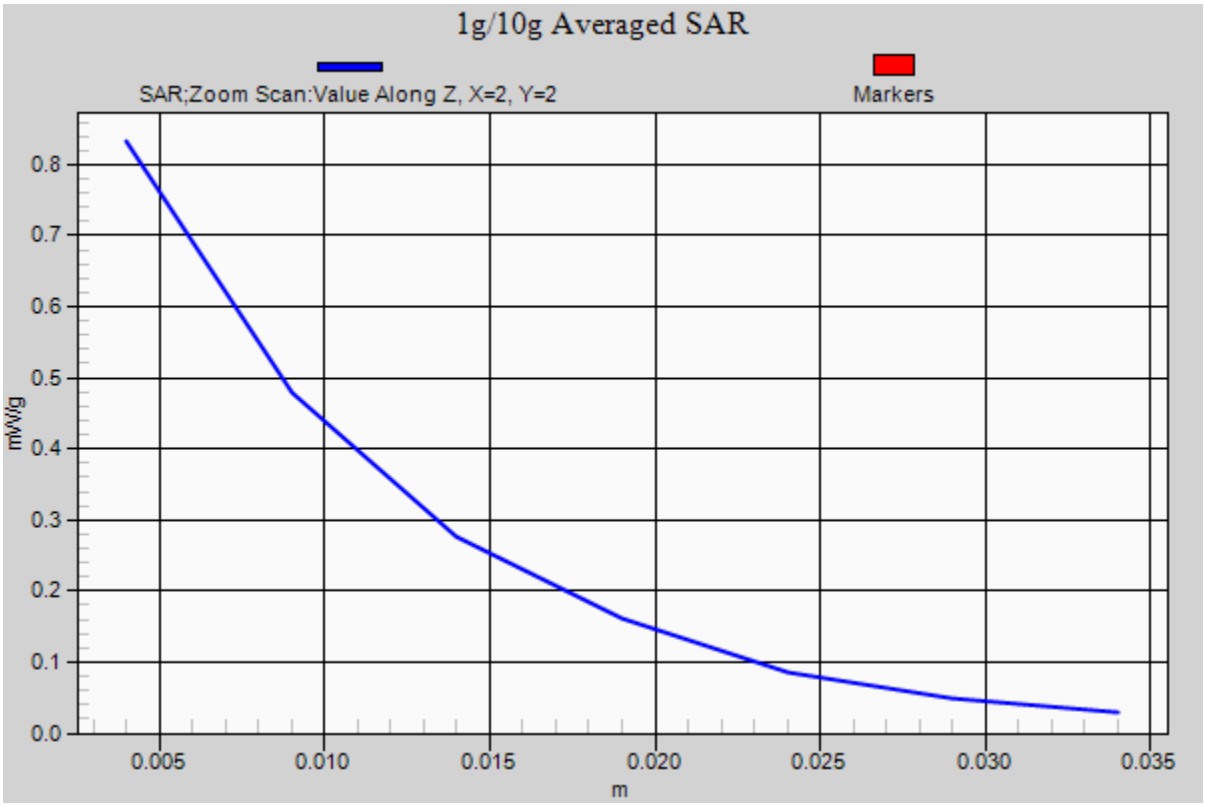
DUT: 1N0701

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120106 Medium parameters used: f = 1900 MHz; σ = 1.512 mho/m; ε_r = 53.903; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch19100/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.876 mW/g

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.248 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.319 W/kg
SAR(1 g) = 0.735 mW/g; SAR(10 g) = 0.388 mW/g
Maximum value of SAR (measured) = 0.833 mW/g


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

#89 LTE Band II_16QAM_RB(1 99)_Left Side_1cm_Ch19100

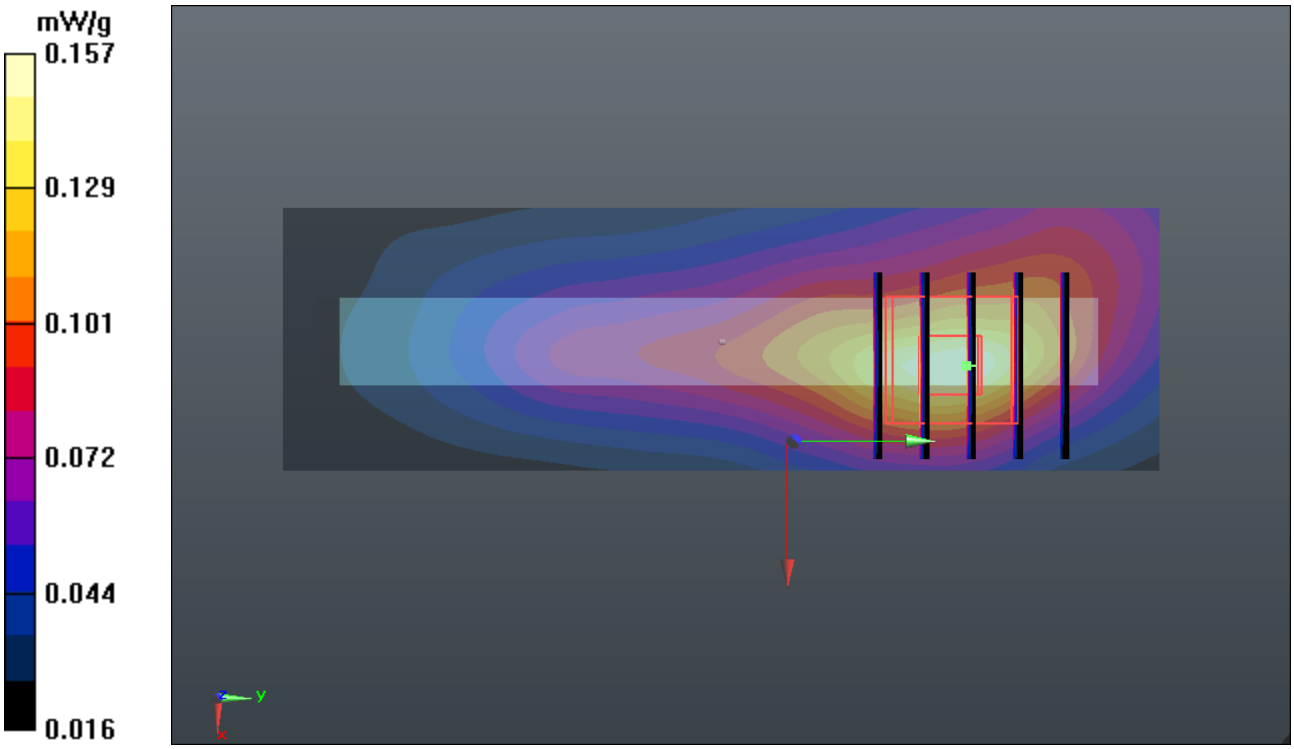
DUT: 1N0701

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120106 Medium parameters used: f = 1900 MHz; σ = 1.512 mho/m; ε_r = 53.903; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch19100/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.157 mW/g

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.700 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.240 W/kg
SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.082 mW/g
Maximum value of SAR (measured) = 0.152 mW/g


mW/g
0.157
0.129
0.101
0.072
0.044
0.016
y

#90 LTE Band II_16QAM_RB(1 99)_Right Side_1cm_Ch19100

DUT: 1N0701

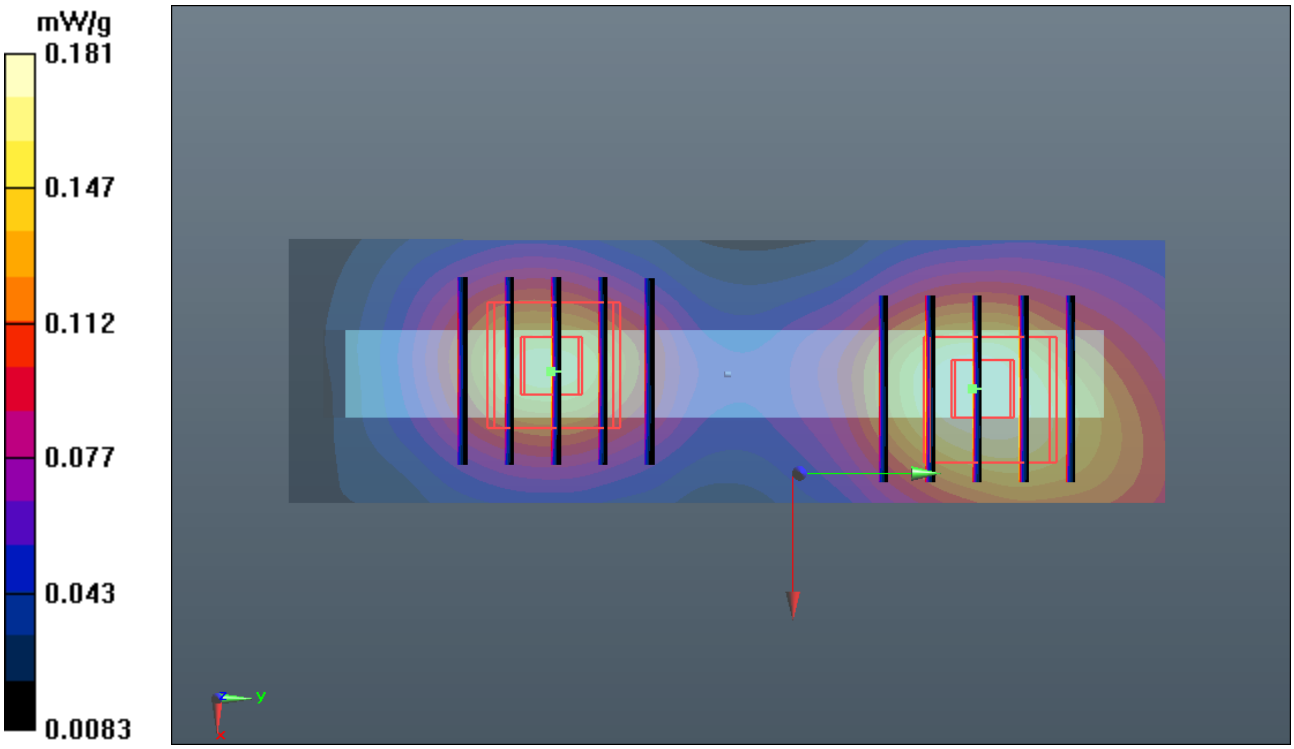
Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120106 Medium parameters used: f = 1900 MHz; σ = 1.512 mho/m; ε_r = 53.903; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch19100/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.181 mW/g

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.861 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.285 W/kg
SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.105 mW/g
Maximum value of SAR (measured) = 0.187 mW/g

Ch19100/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.861 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.242 W/kg
SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.087 mW/g
Maximum value of SAR (measured) = 0.164 mW/g


mW/g
0.181
0.147
0.112
0.077
0.043
0.0083

#91 LTE Band II_16QAM_RB(1 99)_Top Side_1cm_Ch19100

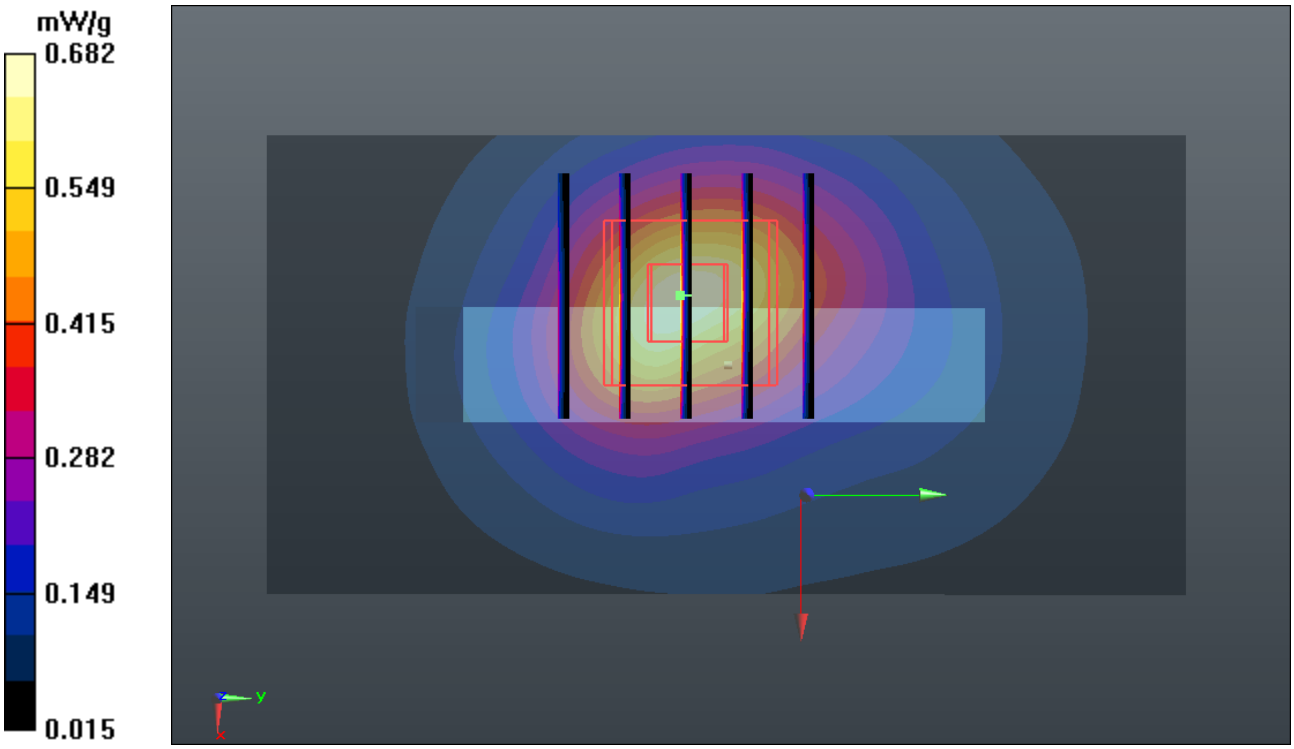
DUT: 1N0701

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120106 Medium parameters used: f = 1900 MHz; σ = 1.512 mho/m; ε_r = 53.903; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch19100/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.682 mW/g

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.463 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.081 W/kg
SAR(1 g) = 0.613 mW/g; SAR(10 g) = 0.332 mW/g
Maximum value of SAR (measured) = 0.682 mW/g


mW/g
0.682
0.549
0.415
0.282
0.149
0.015
y

#239 LTE Band II_QPSK_RB(1 99)_Back_1cm_Ch18900_19

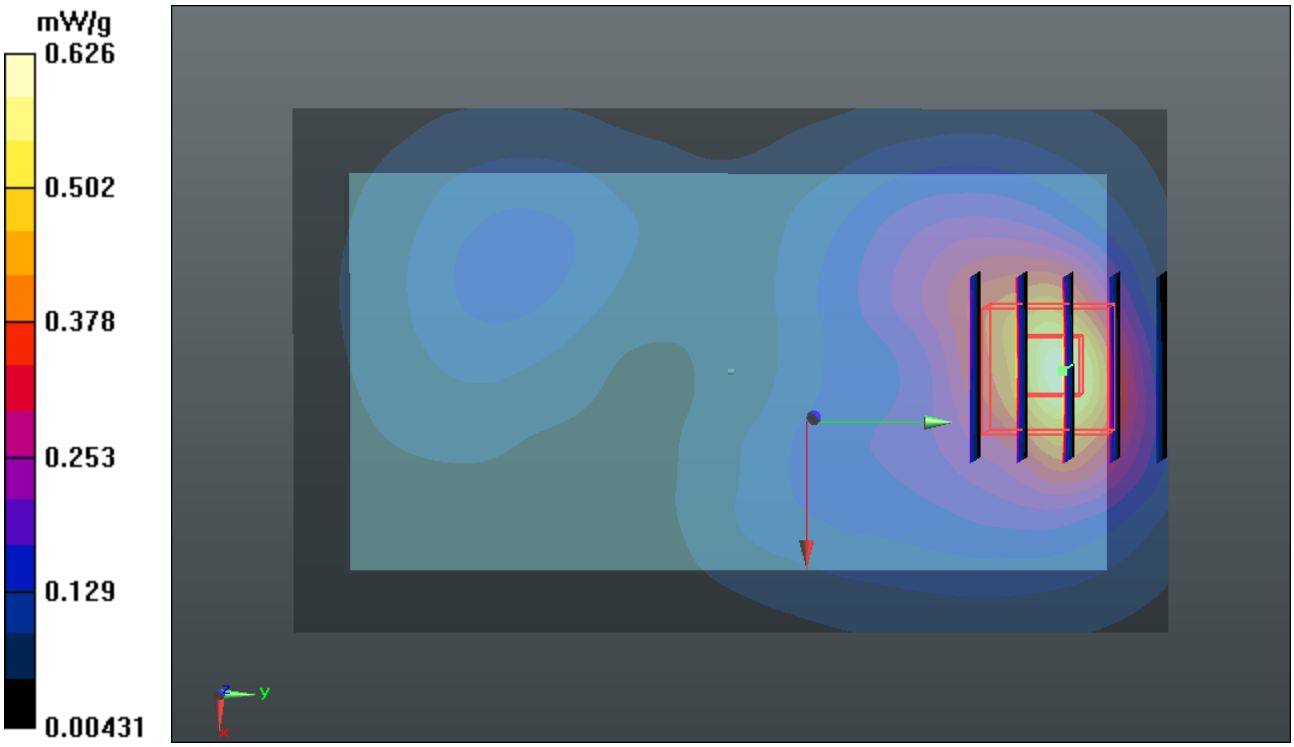
DUT: 1N0701

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120120 Medium parameters used: f = 1880 MHz; σ = 1.518 mho/m; ε_r = 52.569; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.626 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.962 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.021 W/kg
SAR(1 g) = 0.572 mW/g; SAR(10 g) = 0.302 mW/g
Maximum value of SAR (measured) = 0.640 mW/g


mW/g
0.626
0.502
0.378
0.253
0.129
0.00431
y

#219 802.11B_Front_1cm_1M_Ch11

DUT: 1N0701

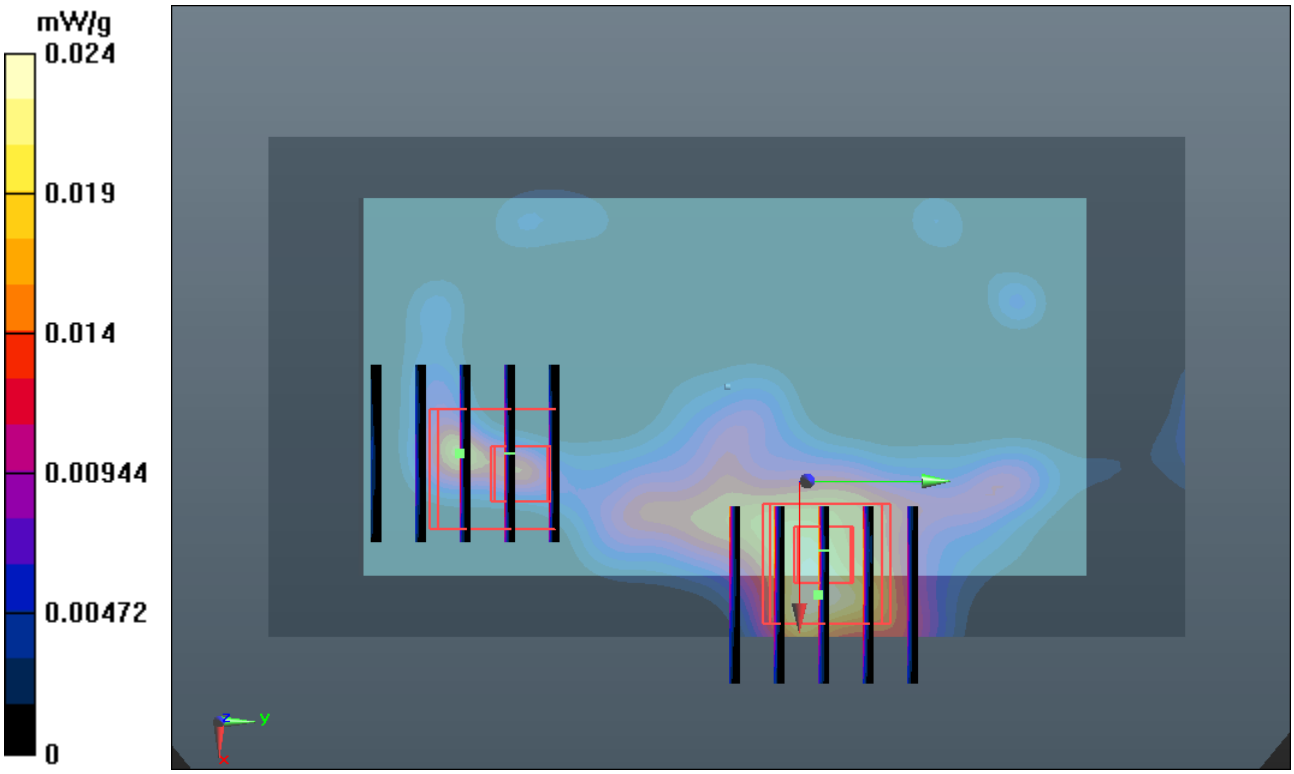
Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120116 Medium parameters used: f = 2462 MHz; σ = 2.027 mho/m; ε_r = 53.408; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.024 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.716 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.024 W/kg
SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00797 mW/g
Maximum value of SAR (measured) = 0.017 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.716 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.023 W/kg
SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00368 mW/g
Maximum value of SAR (measured) = 0.014 mW/g


mW/g
0.024
0.019
0.014
0.00944
0.00472
0
y

#220 802.11B_Back_1cm_1M_Ch11

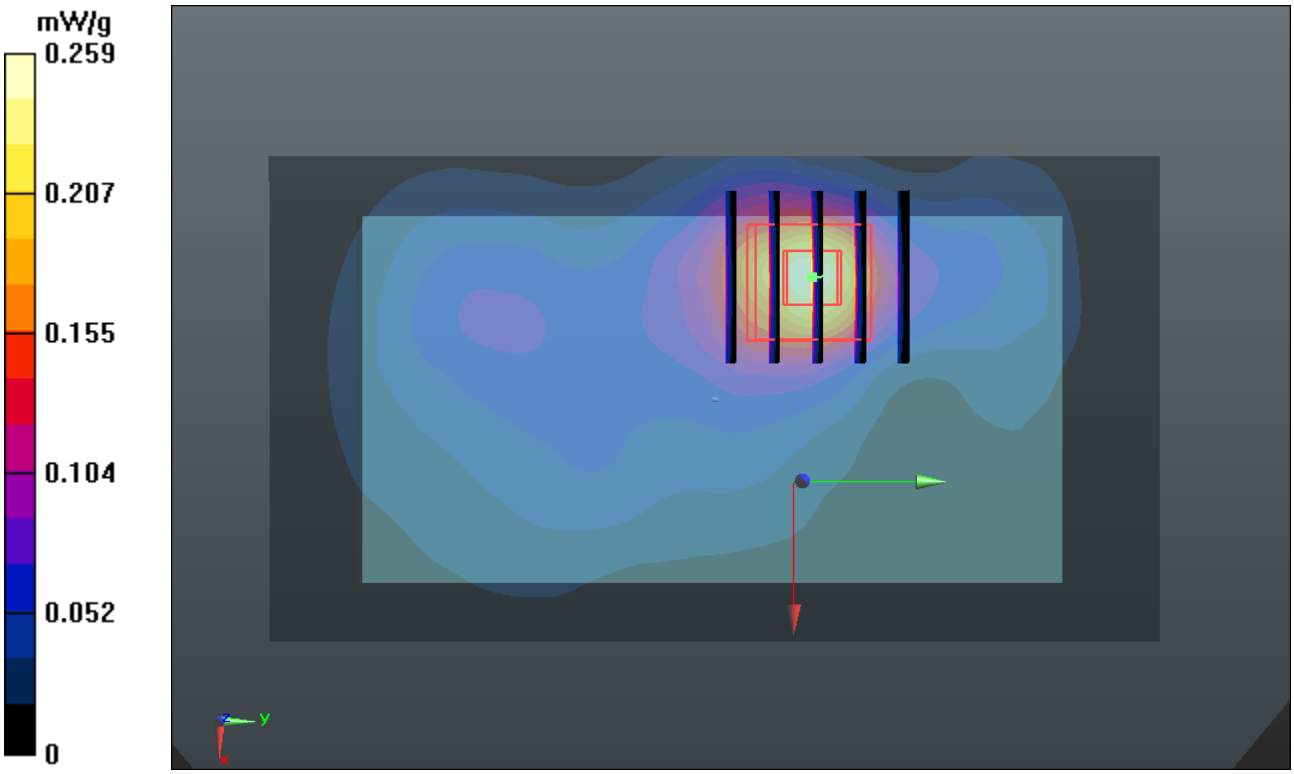
DUT: 1N0701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120116 Medium parameters used: f = 2462 MHz; σ = 2.027 mho/m; ε_r = 53.408; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.259 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.630 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.400 W/kg
SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.114 mW/g
Maximum value of SAR (measured) = 0.250 mW/g


mW/g
0.259
0.207
0.155
0.104
0.052
0
y

#220 802.11B_Back_1cm_1M_Ch11_2D

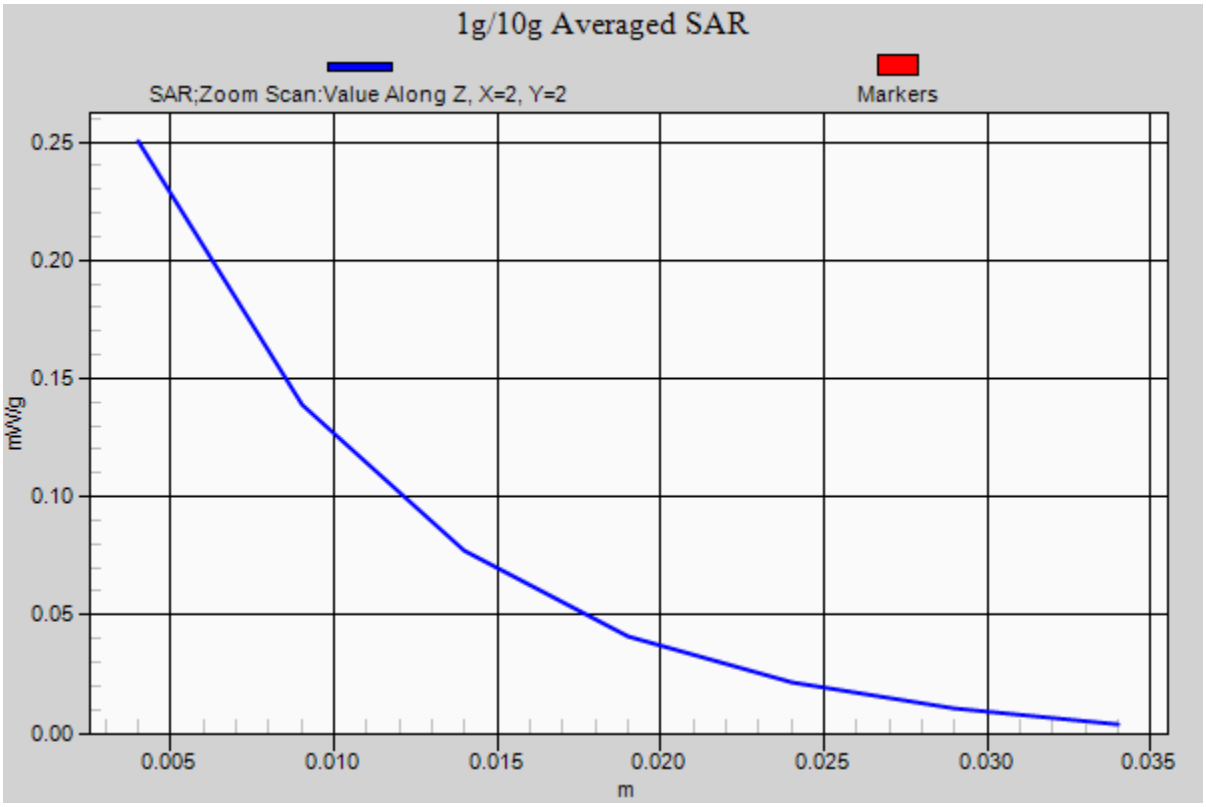
DUT: 1N0701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120116 Medium parameters used: f = 2462 MHz; σ = 2.027 mho/m; ε_r = 53.408; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.259 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.630 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.400 W/kg
SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.114 mW/g
Maximum value of SAR (measured) = 0.250 mW/g


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

#221 802.11B_Right Side_1cm_1M_Ch11

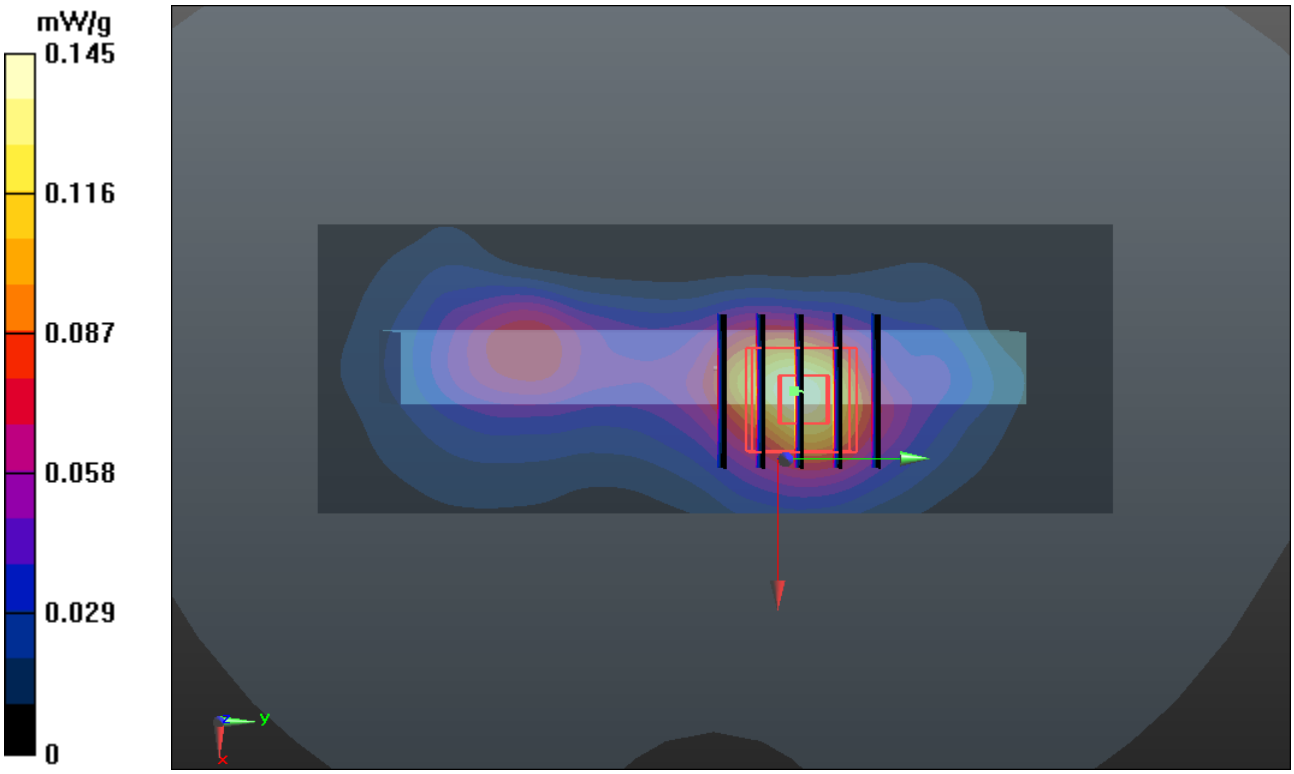
DUT: 1N0701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120116 Medium parameters used: f = 2462 MHz; σ = 2.027 mho/m; ε_r = 53.408; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (41x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.145 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.494 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.243 W/kg
SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.066 mW/g
Maximum value of SAR (measured) = 0.145 mW/g


mW/g
0.145
0.116
0.087
0.058
0.029
0
y

#222 802.11B_Top Side_1cm_1M_Ch11

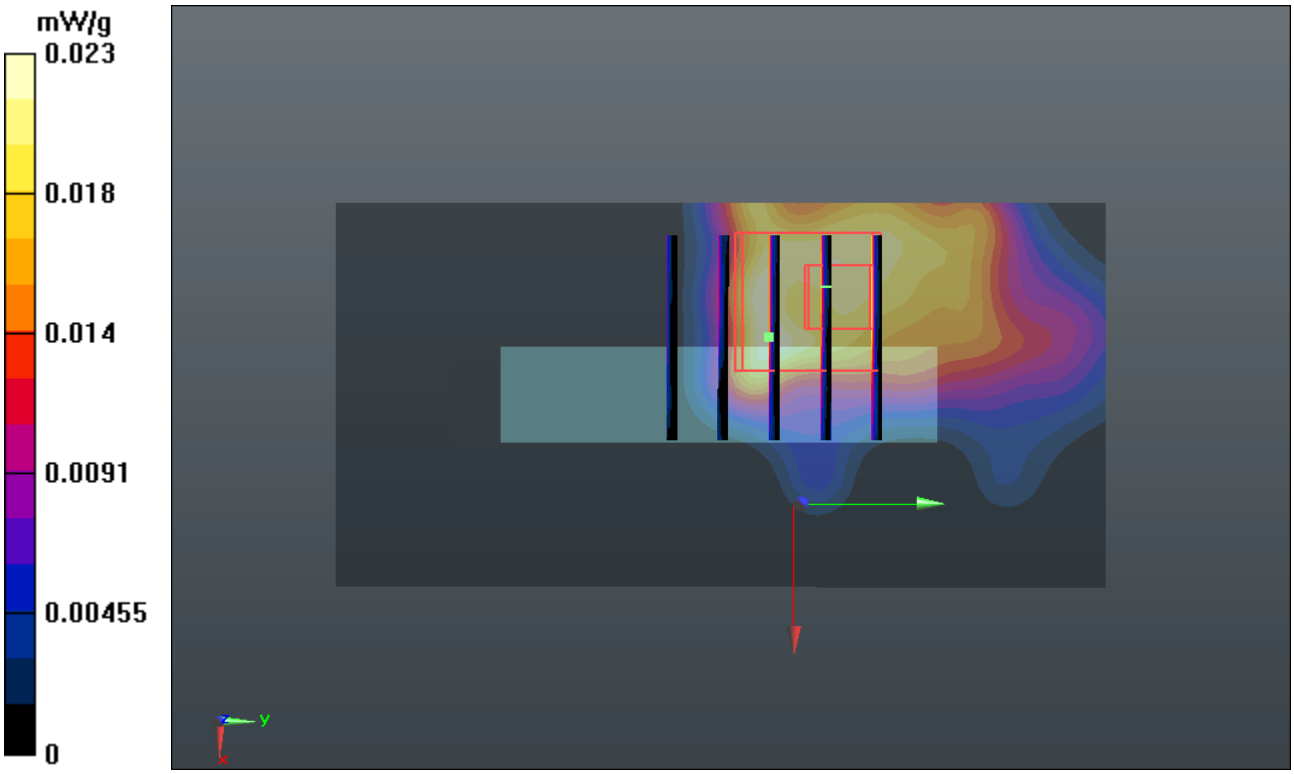
DUT: 1N0701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120116 Medium parameters used: f = 2462 MHz; σ = 2.027 mho/m; ε_r = 53.408; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.023 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.788 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.025 W/kg
SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00743 mW/g
Maximum value of SAR (measured) = 0.019 mW/g


mW/g
0.023
0.018
0.014
0.0091
0.00455
0
y

#31 CDMA2000 BC0_RC3 SO32_Front_1cm_Ch1013

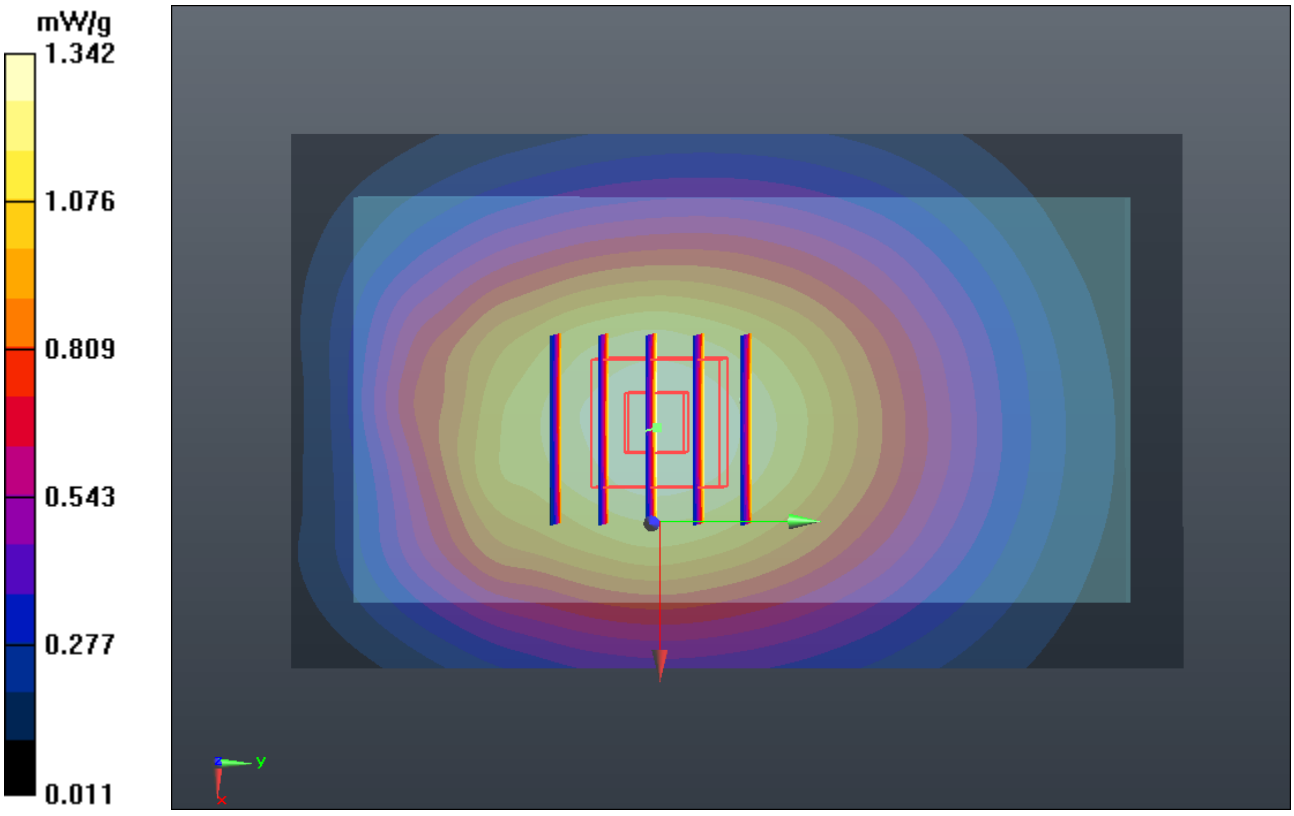
DUT: 1N0701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_120105 Medium parameters used: f = 825 MHz; σ = 0.967 mho/m; ε_r = 54.459; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1013/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.716 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.529 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.898 W/kg
SAR(1 g) = 0.680 mW/g; SAR(10 g) = 0.520 mW/g
Maximum value of SAR (measured) = 0.717 mW/g


mW/g
1.342
1.076
0.809
0.543
0.277
0.011
y

#32 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch1013

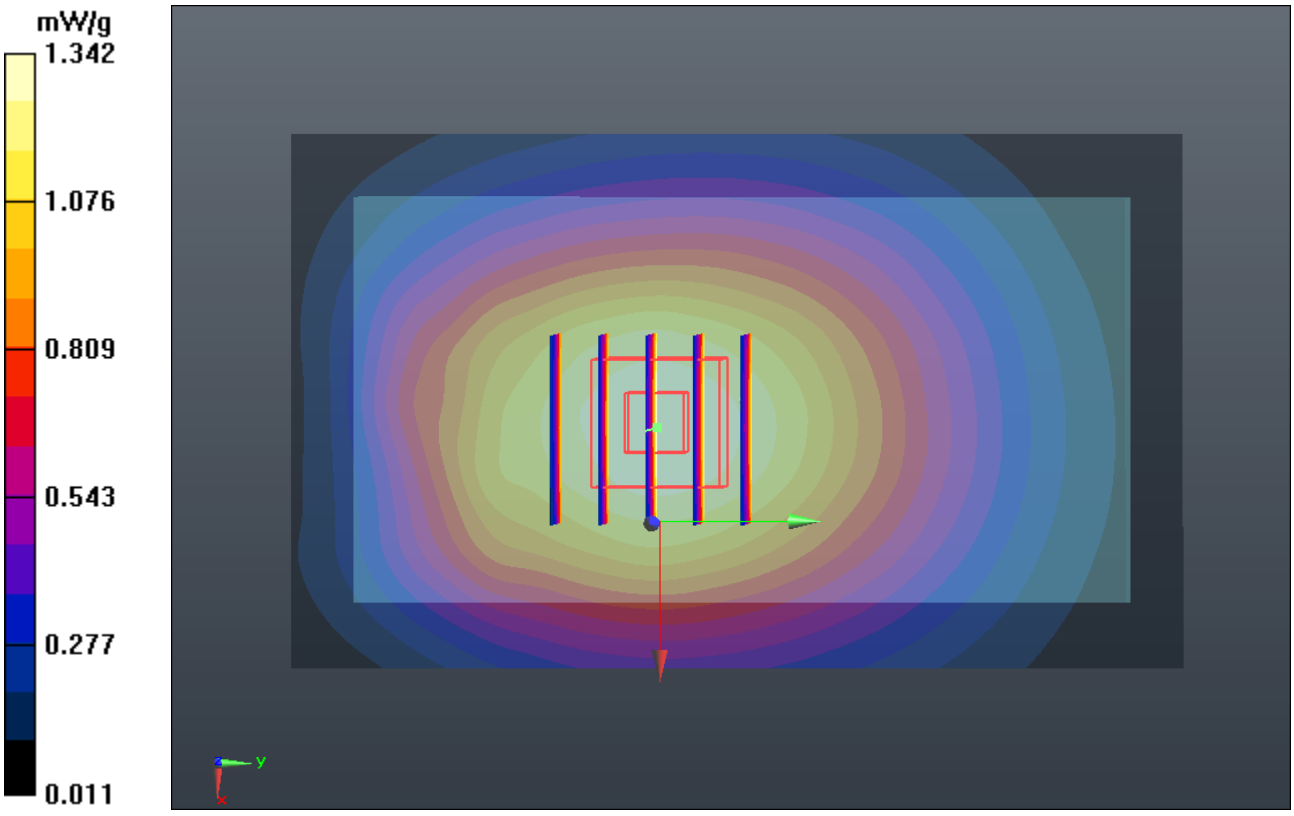
DUT: 1N0701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_120105 Medium parameters used: f = 825 MHz; σ = 0.967 mho/m; ε_r = 54.459; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1013/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.342 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.880 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.624 W/kg
SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.968 mW/g
Maximum value of SAR (measured) = 1.351 mW/g


mW/g
1.342
1.076
0.809
0.543
0.277
0.011
y

#32 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch1013_2D

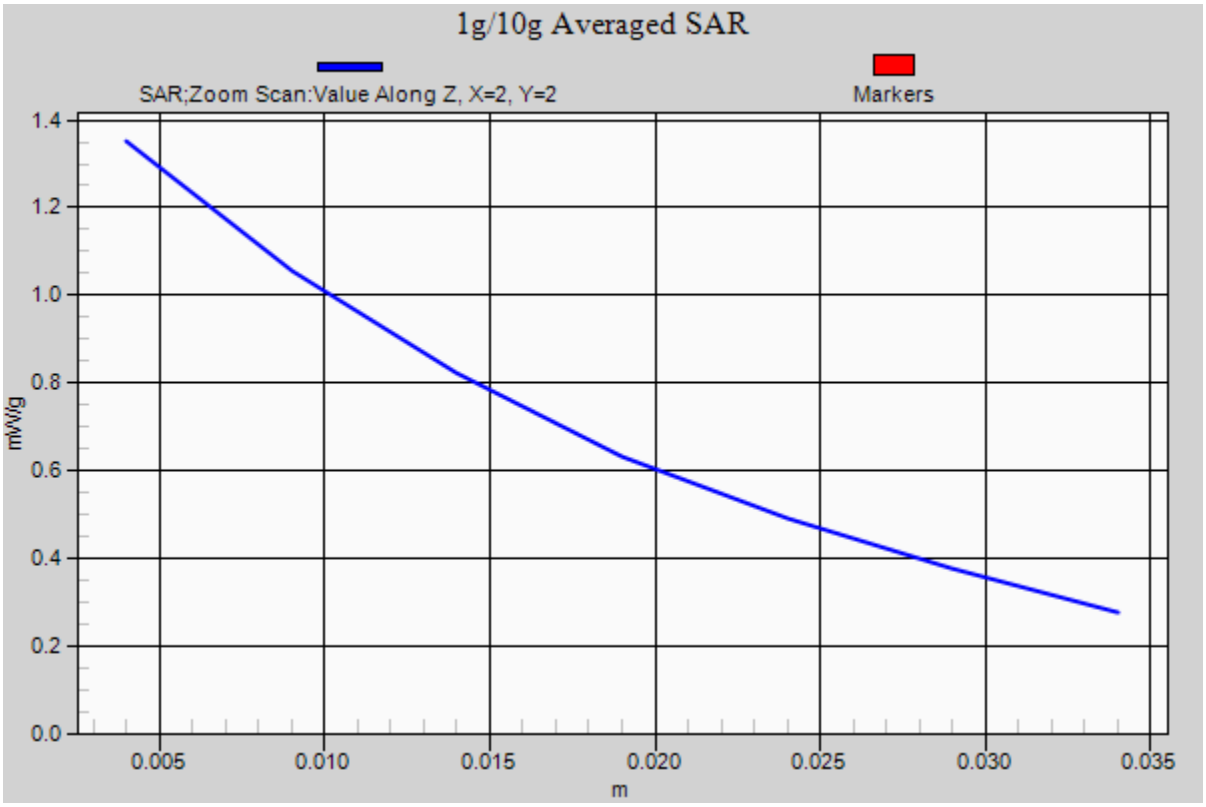
DUT: 1N0701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_120105 Medium parameters used: f = 825 MHz; σ = 0.967 mho/m; ε_r = 54.459; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1013/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.342 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.880 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.624 W/kg
SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.968 mW/g
Maximum value of SAR (measured) = 1.351 mW/g


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

#36 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch384

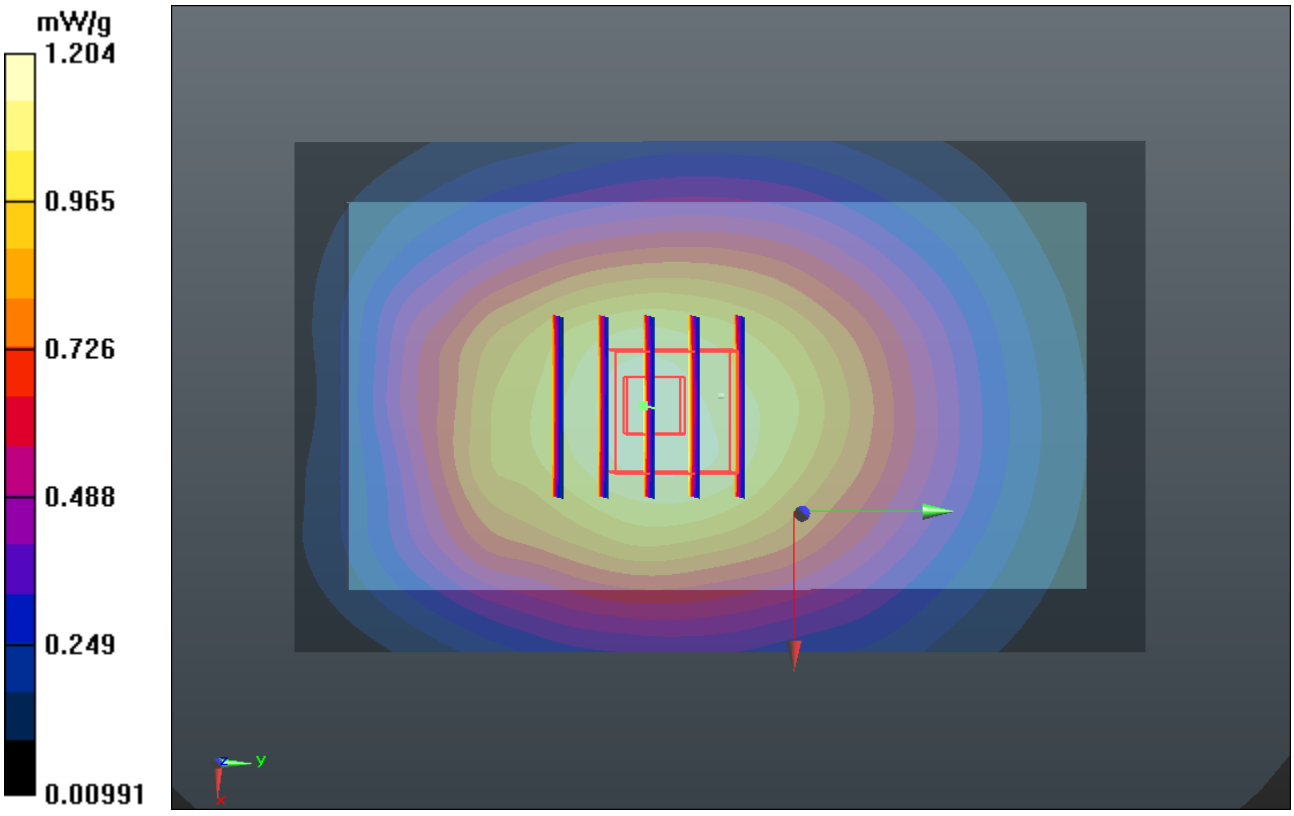
DUT: 1N0701

Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: MSL_835_120105 Medium parameters used: f = 837 MHz; σ = 0.978 mho/m; ε_r = 54.37; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch384/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.204 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.568 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.394 W/kg
SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.800 mW/g
Maximum value of SAR (measured) = 1.166 mW/g


mW/g
1.204
0.965
0.726
0.488
0.249
0.00991

#37 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch777

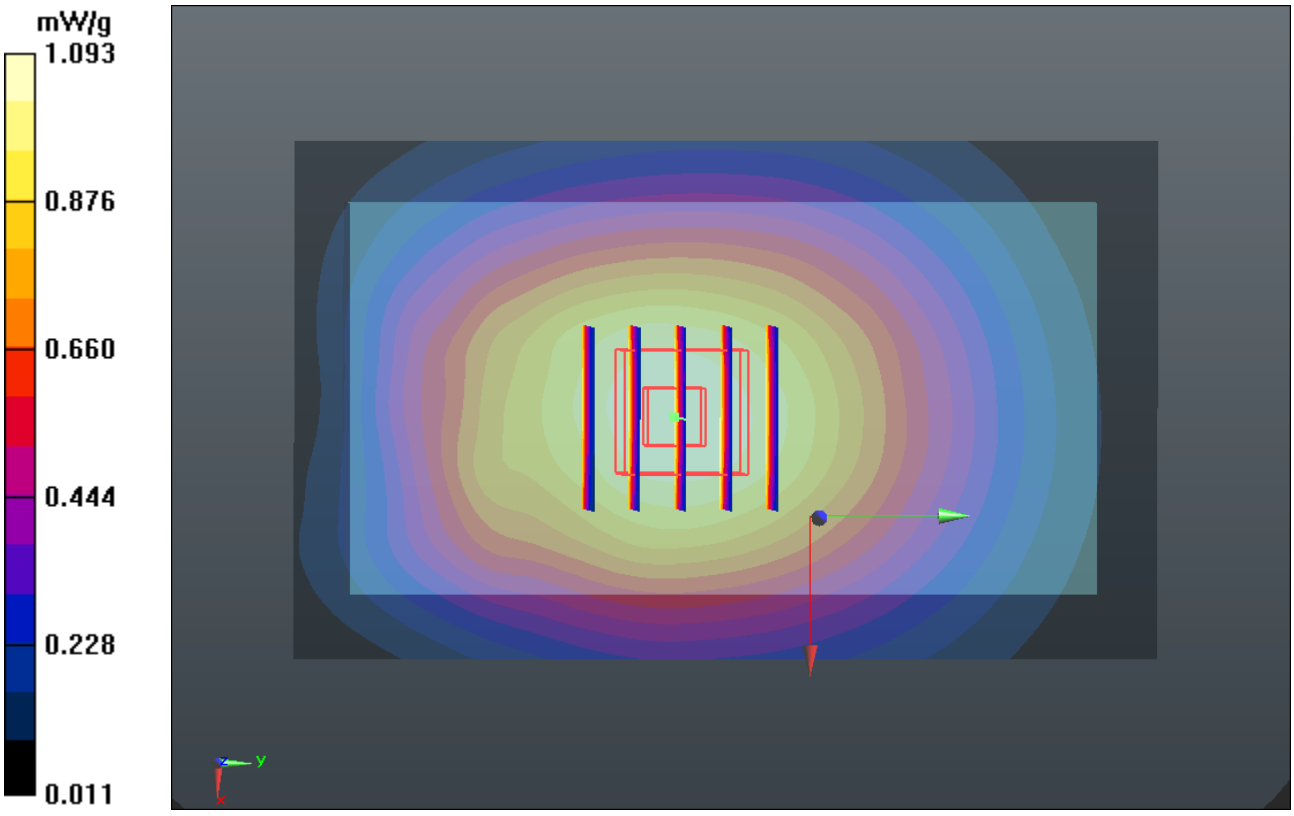
DUT: 1N0701

Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: MSL_835_120105 Medium parameters used: f = 848.31 MHz; σ = 0.988 mho/m; ε_r = 54.276; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch777/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.093 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.729 V/m; Power Drift = 0.0089 dB
Peak SAR (extrapolated) = 1.322 W/kg
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.784 mW/g
Maximum value of SAR (measured) = 1.099 mW/g


mW/g
1.093
0.876
0.660
0.444
0.228
0.011

#38 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch1013_Earphone

DUT: 1N0701

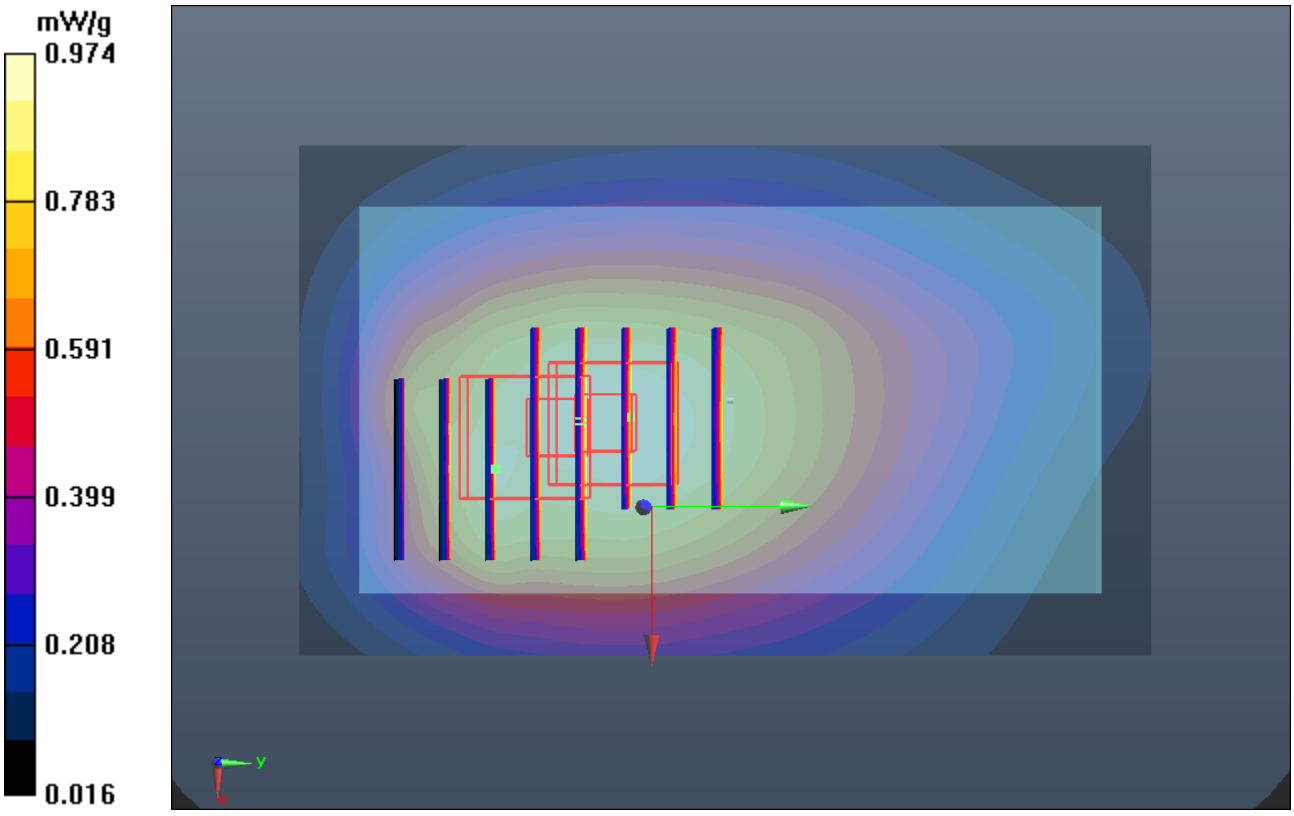
Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_120105 Medium parameters used: f = 825 MHz; σ = 0.967 mho/m; ε_r = 54.459; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1013/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.974 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.097 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.211 W/kg
SAR(1 g) = 0.944 mW/g; SAR(10 g) = 0.705 mW/g
Maximum value of SAR (measured) = 0.989 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.097 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.289 W/kg
SAR(1 g) = 0.915 mW/g; SAR(10 g) = 0.640 mW/g
Maximum value of SAR (measured) = 0.997 mW/g


mW/g
0.974
0.783
0.591
0.399
0.208
0.016
y

#39 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch384_Earphone

DUT: 1N0701

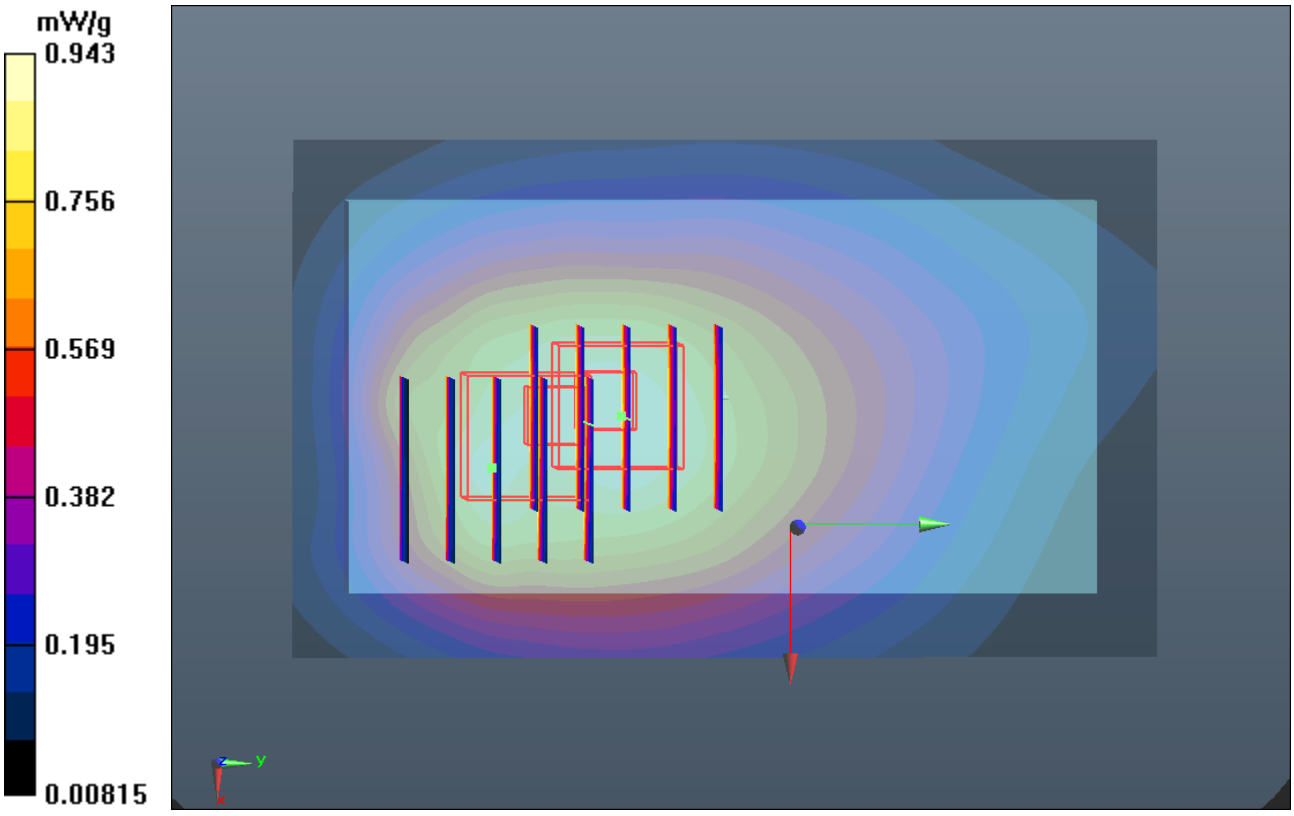
Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: MSL_835_120105 Medium parameters used: f = 837 MHz; σ = 0.978 mho/m; ε_r = 54.37; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch384/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.943 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.654 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.239 W/kg
SAR(1 g) = 0.884 mW/g; SAR(10 g) = 0.606 mW/g
Maximum value of SAR (measured) = 0.951 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.654 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.065 W/kg
SAR(1 g) = 0.867 mW/g; SAR(10 g) = 0.644 mW/g
Maximum value of SAR (measured) = 0.909 mW/g


mW/g
0.943
0.756
0.569
0.382
0.195
0.00815

#40 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch777_Earphone

DUT: 1N0701

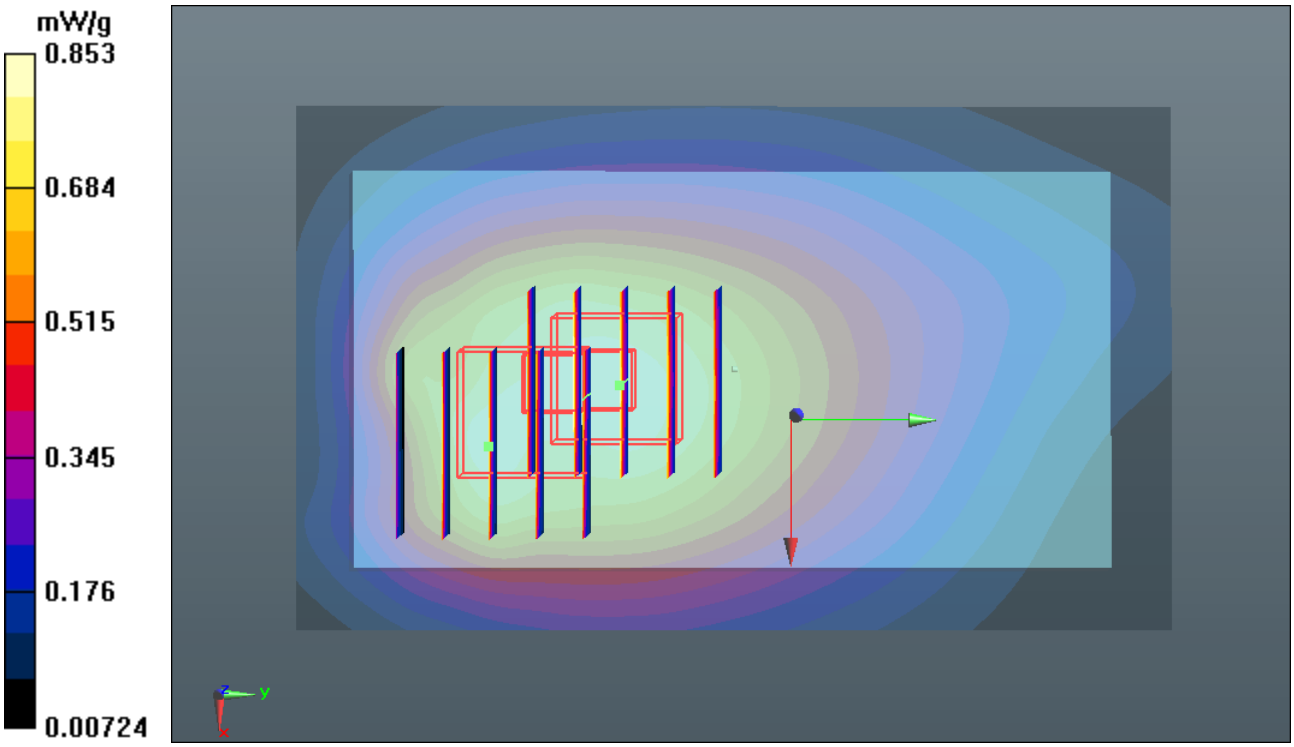
Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: MSL_835_120105 Medium parameters used: f = 848.31 MHz; σ = 0.988 mho/m; ε_r = 54.276; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch777/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.853 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.332 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.029 W/kg
SAR(1 g) = 0.802 mW/g; SAR(10 g) = 0.592 mW/g
Maximum value of SAR (measured) = 0.845 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.332 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.193 W/kg
SAR(1 g) = 0.766 mW/g; SAR(10 g) = 0.533 mW/g
Maximum value of SAR (measured) = 0.833 mW/g


mW/g
0.853
0.684
0.515
0.345
0.176
0.00724

#232 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch1013_15.5

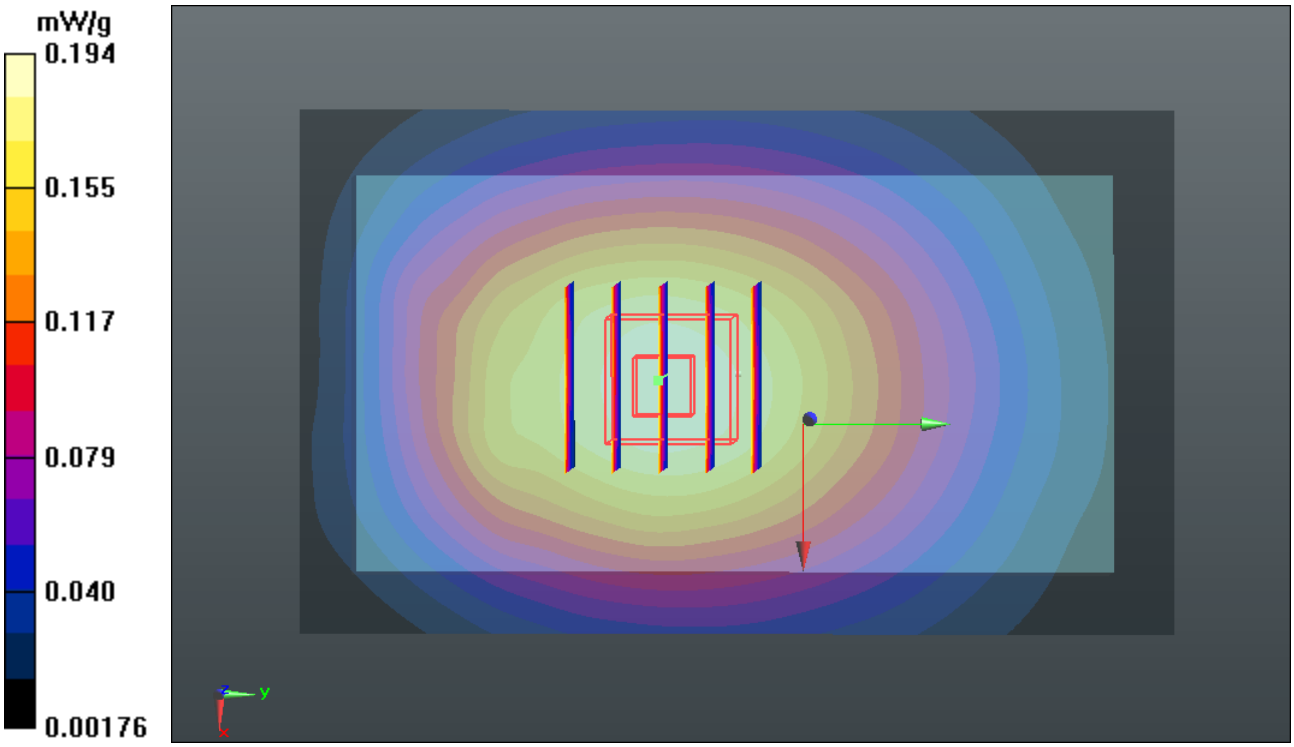
DUT: 1N0701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_120120 Medium parameters used: f = 825 MHz; σ = 0.967 mho/m; ε_r = 54.451; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

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

Ch1013/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.194 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.862 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.226 W/kg
SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.134 mW/g
Maximum value of SAR (measured) = 0.187 mW/g


mW/g
0.194
0.155
0.117
0.079
0.040
0.00176
y

#246 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch1013_18.5

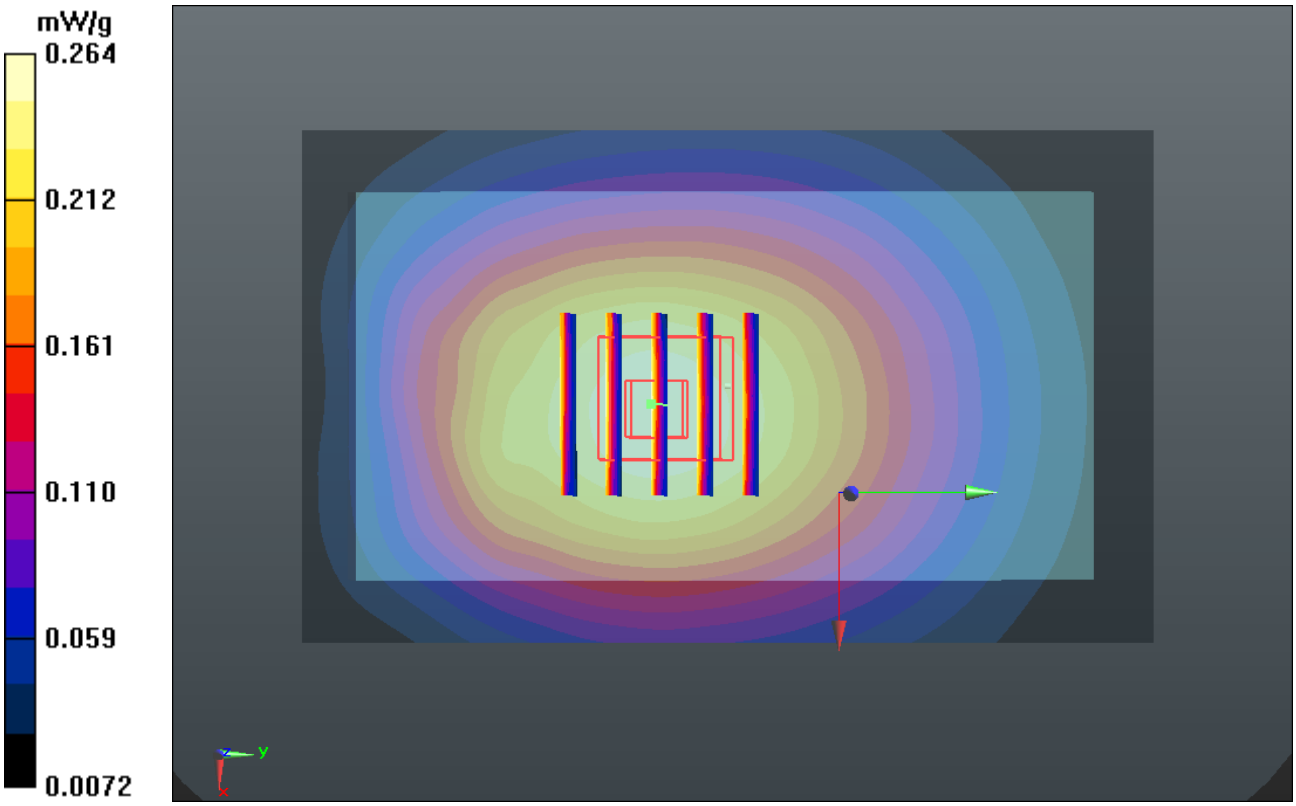
DUT: 1N0701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_120120 Medium parameters used: f = 825 MHz; σ = 0.967 mho/m; ε_r = 54.451; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

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

Ch1013/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.264 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.442 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.322 W/kg
SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.191 mW/g
Maximum value of SAR (measured) = 0.267 mW/g


mW/g
0.264
0.212
0.161
0.110
0.059
0.0072
y

#233 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch1013_15.5_Earphone

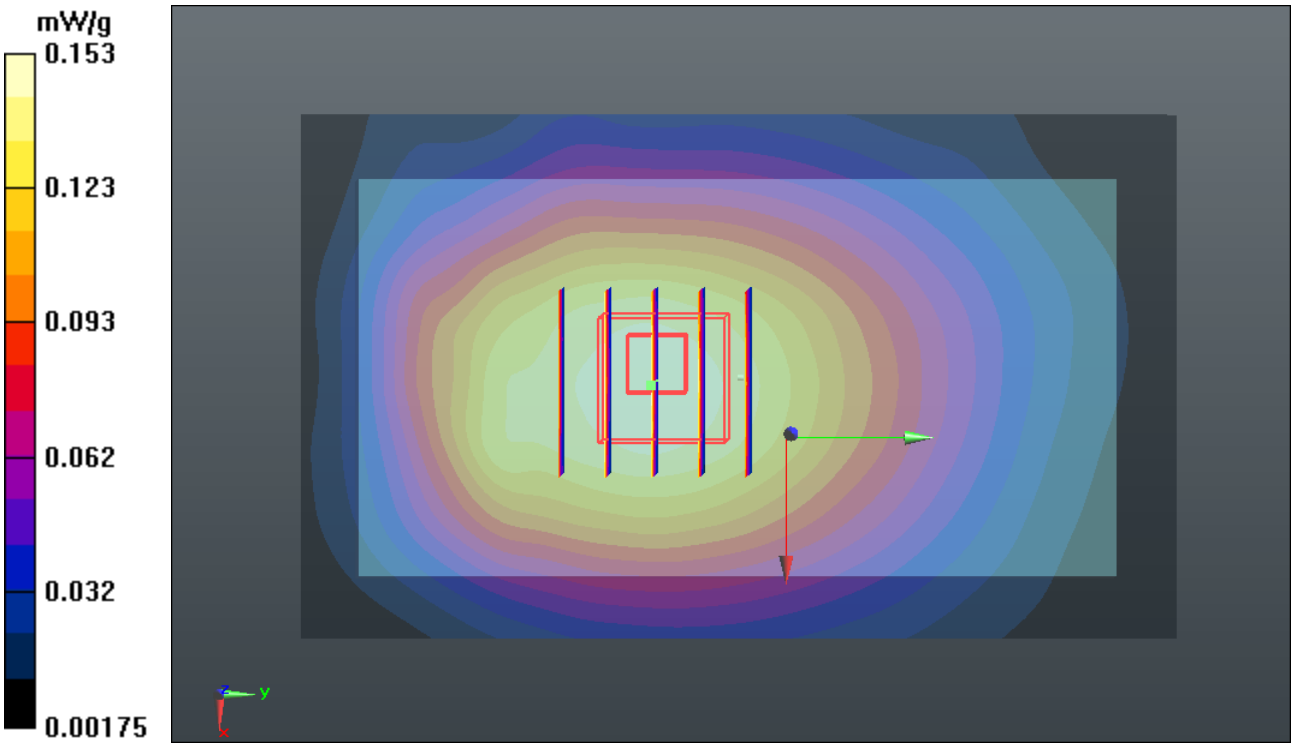
DUT: 1N0701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_120120 Medium parameters used: f = 825 MHz; σ = 0.967 mho/m; ε_r = 54.451; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

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

Ch1013/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.153 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.017 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.217 W/kg
SAR(1 g) = 0.148 mW/g; SAR(10 g) = 0.111 mW/g
Maximum value of SAR (measured) = 0.155 mW/g


mW/g
0.153
0.123
0.093
0.062
0.032
0.00175
y

#247 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch1013_18.5_Earphone

DUT: 1N0701

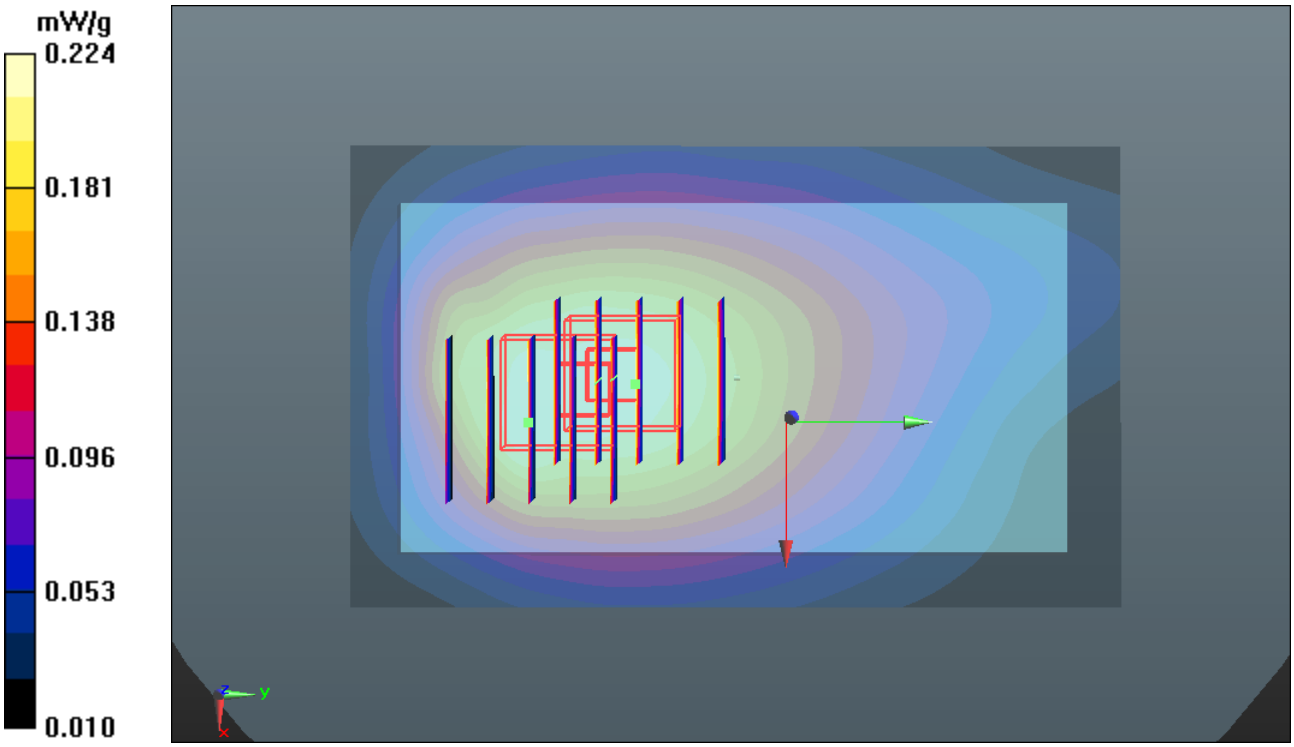
Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_120120 Medium parameters used: f = 825 MHz; σ = 0.967 mho/m; ε_r = 54.451; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

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

Ch1013/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.224 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.761 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.279 W/kg
SAR(1 g) = 0.212 mW/g; SAR(10 g) = 0.159 mW/g
Maximum value of SAR (measured) = 0.222 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.761 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.306 W/kg
SAR(1 g) = 0.206 mW/g; SAR(10 g) = 0.149 mW/g
Maximum value of SAR (measured) = 0.218 mW/g


mW/g
0.224
0.181
0.138
0.096
0.053
0.010
y

#262 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch1013_15_Earphone

DUT: 1N0701

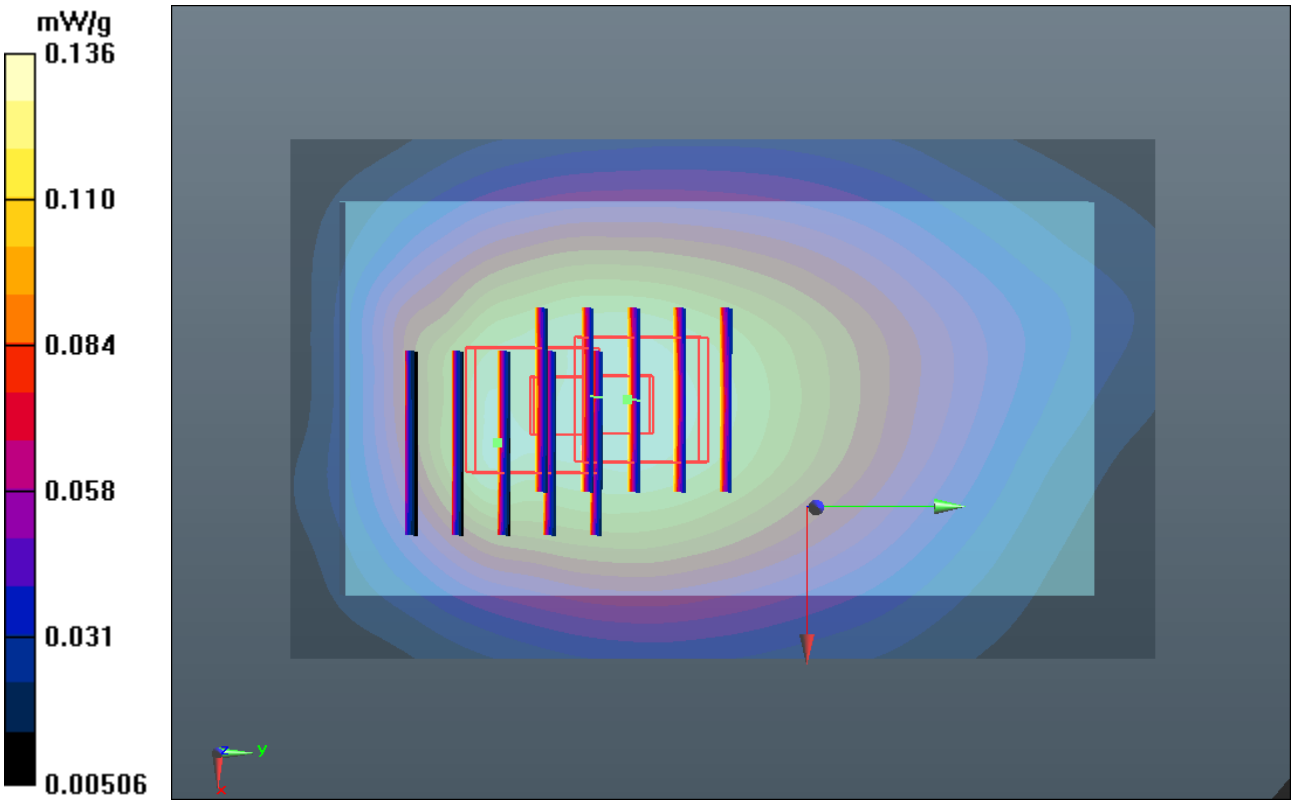
Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_120120 Medium parameters used: f = 825 MHz; σ = 0.967 mho/m; ε_r = 54.451; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

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

Ch1013/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.136 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.629 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.163 W/kg
SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.097 mW/g
Maximum value of SAR (measured) = 0.135 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.629 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.173 W/kg
SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.085 mW/g
Maximum value of SAR (measured) = 0.131 mW/g


mW/g
0.136
0.110
0.084
0.058
0.031
0.00506

#264 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch1013_15

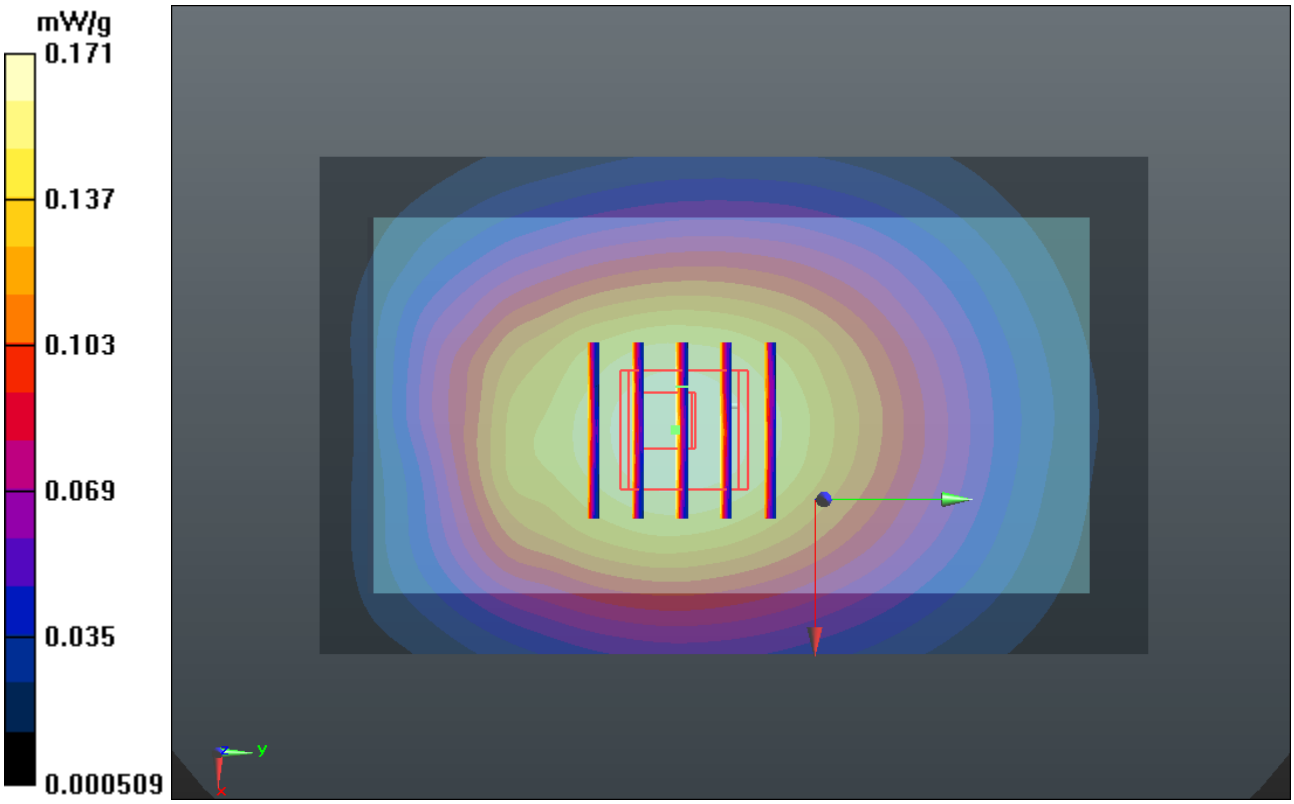
DUT: 1N0701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_120120 Medium parameters used: f = 825 MHz; σ = 0.967 mho/m; ε_r = 54.451; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

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

Ch1013/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.171 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.282 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.224 W/kg
SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.120 mW/g
Maximum value of SAR (measured) = 0.176 mW/g


mW/g
0.171
0.137
0.103
0.069
0.035
0.000509
y

#41 CDMA2000 BC15_RC3 SO32_Front_1cm_Ch25

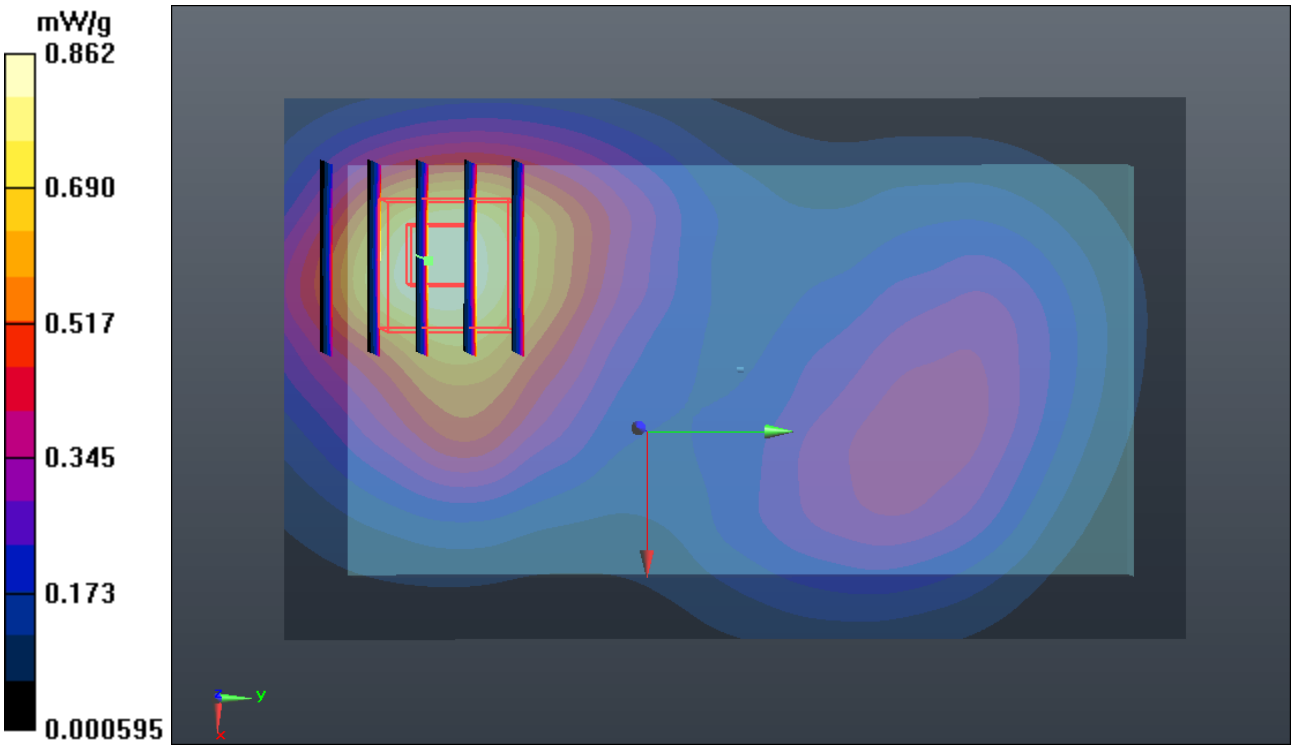
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1711.25 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120105 Medium parameters used: f = 1711.25 MHz; σ = 1.471 mho/m; ε_r = 55.564; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.862 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.067 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.321 W/kg
SAR(1 g) = 0.816 mW/g; SAR(10 g) = 0.491 mW/g
Maximum value of SAR (measured) = 0.884 mW/g


mW/g
0.862
0.690
0.517
0.345
0.173
0.000595
y

#42 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch25

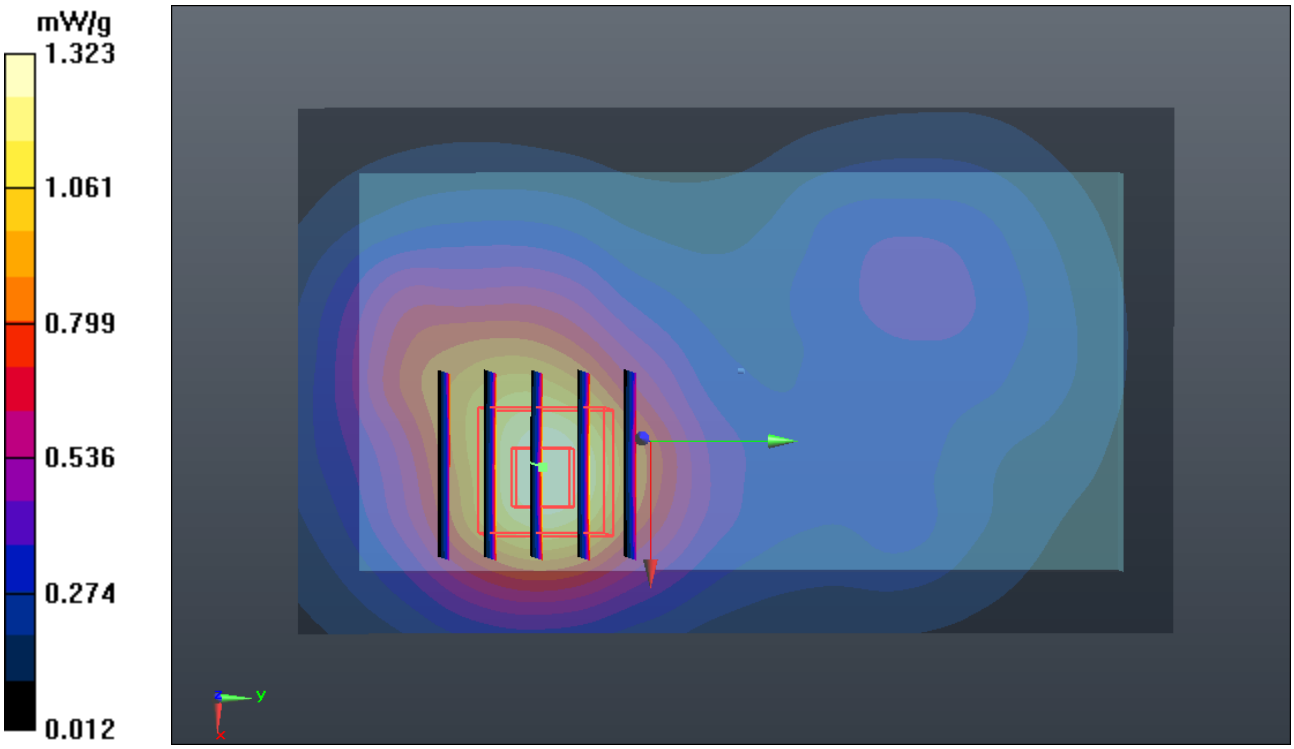
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1711.25 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120105 Medium parameters used: f = 1711.25 MHz; σ = 1.471 mho/m; ε_r = 55.564; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.323 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.330 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.962 W/kg
SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.738 mW/g
Maximum value of SAR (measured) = 1.315 mW/g


mW/g
1.323
1.061
0.799
0.536
0.274
0.012
y

#46 CDMA2000 BC15_RC3 SO32_Front_1cm_Ch425

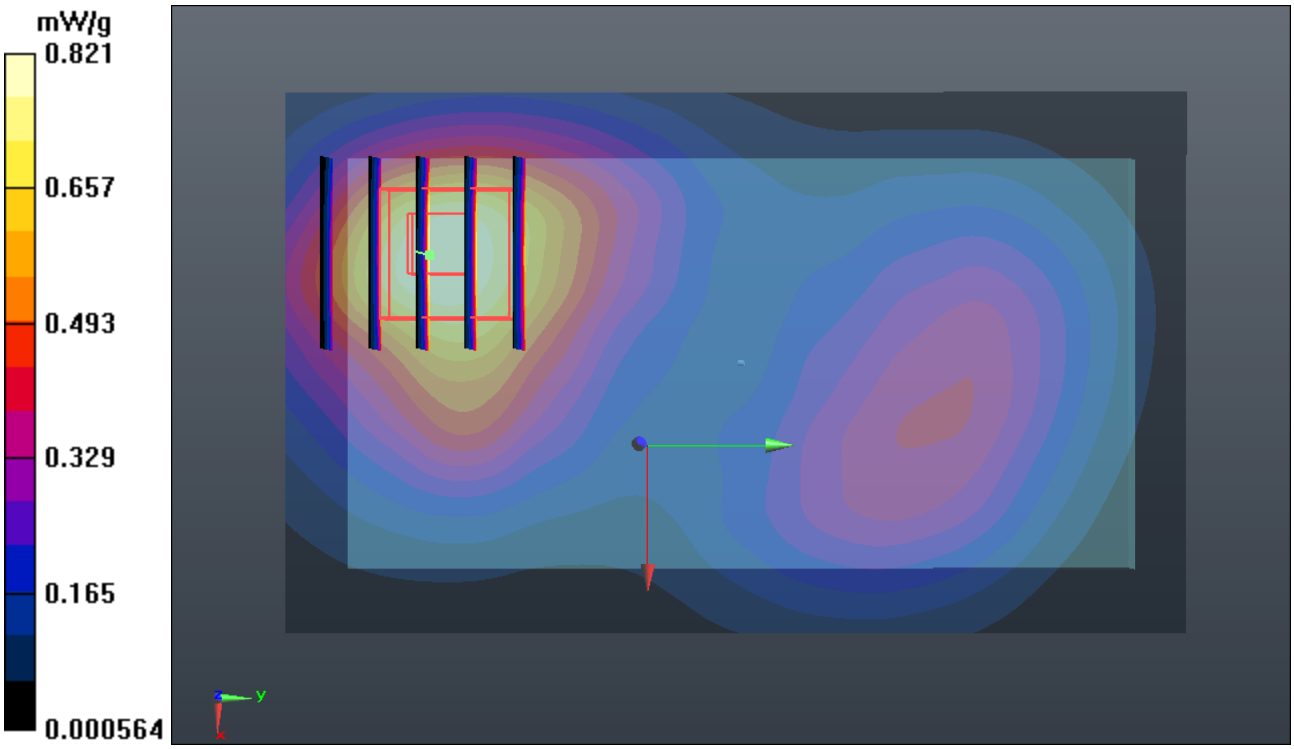
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1731.25 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120105 Medium parameters used: f = 1731.25 MHz; σ = 1.493 mho/m; ε_r = 55.529; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch425/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.821 mW/g

Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.088 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.315 W/kg
SAR(1 g) = 0.798 mW/g; SAR(10 g) = 0.475 mW/g
Maximum value of SAR (measured) = 0.866 mW/g


mW/g
0.821
0.657
0.493
0.329
0.165
0.000564
y

#47 CDMA2000 BC15_RC3 SO32_Front_1cm_Ch875

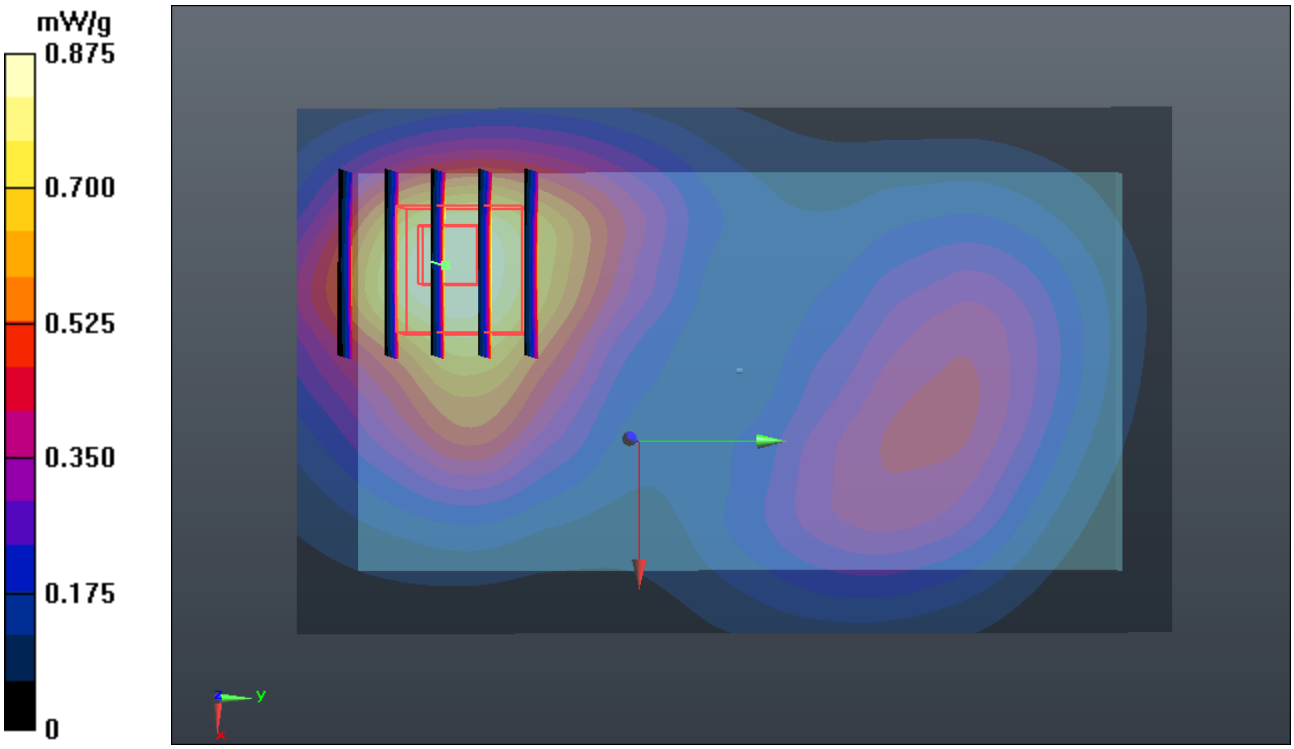
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1753.75 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120105 Medium parameters used: f = 1754 MHz; σ = 1.518 mho/m; ε_r = 55.493; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch875/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.875 mW/g

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.469 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.366 W/kg
SAR(1 g) = 0.841 mW/g; SAR(10 g) = 0.506 mW/g
Maximum value of SAR (measured) = 0.910 mW/g


mW/g
0.875
0.700
0.525
0.350
0.175
0
y
x

#48 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch425

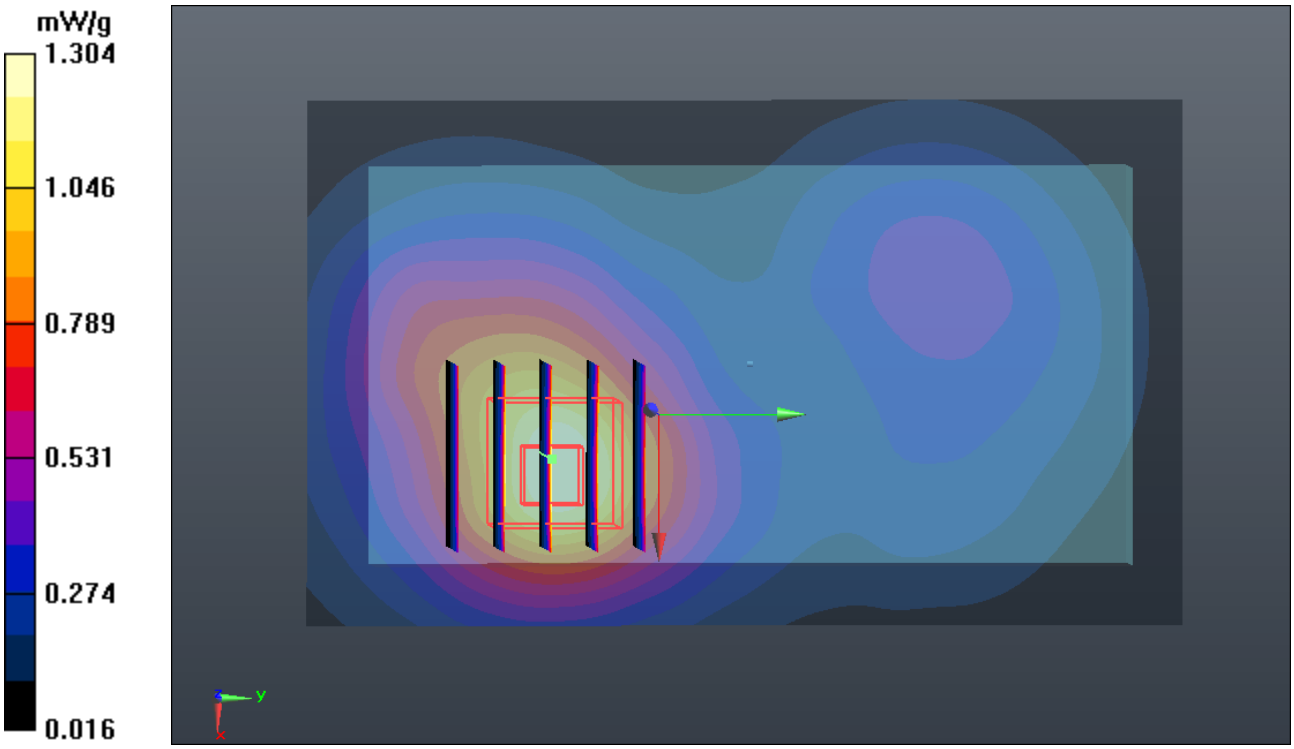
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1731.25 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120105 Medium parameters used: f = 1731.25 MHz; σ = 1.493 mho/m; ε_r = 55.529; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch425/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.304 mW/g

Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.864 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.996 W/kg
SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.738 mW/g
Maximum value of SAR (measured) = 1.326 mW/g


mW/g
1.304
1.046
0.789
0.531
0.274
0.016
y

#49 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch875

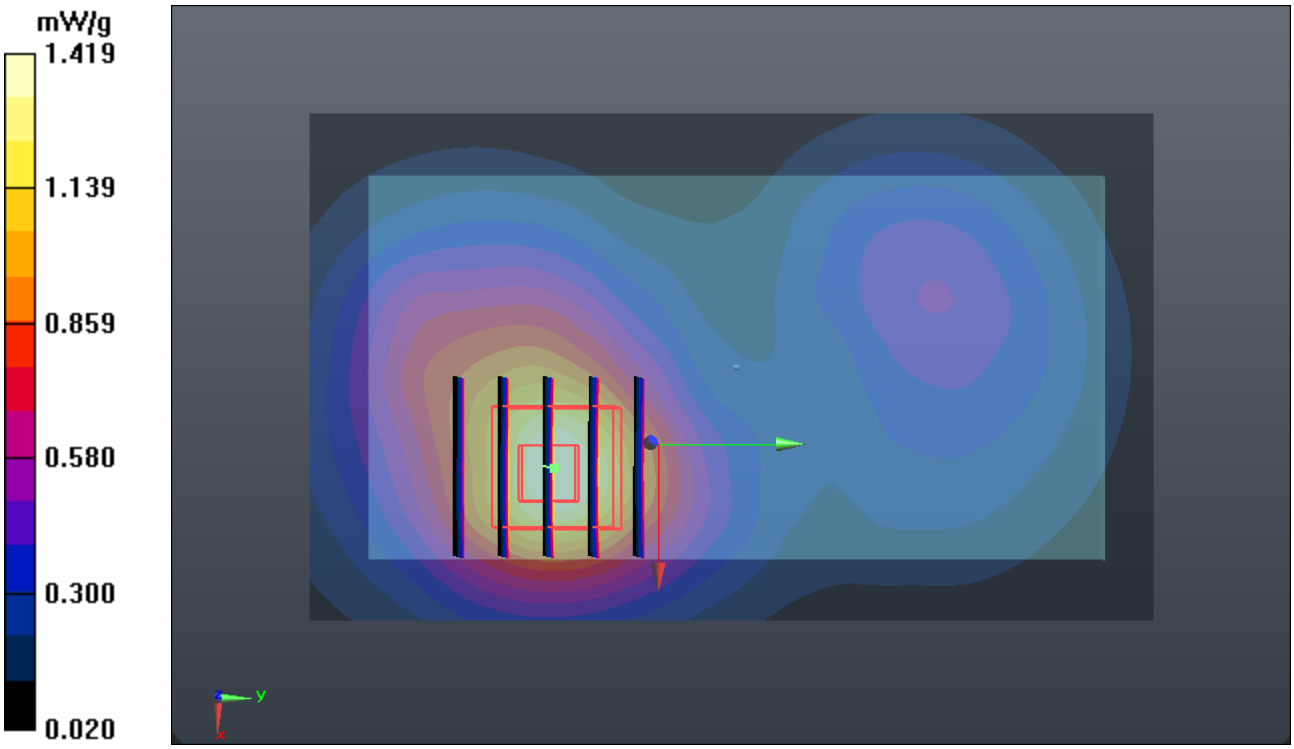
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1753.75 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120105 Medium parameters used: f = 1754 MHz; σ = 1.518 mho/m; ε_r = 55.493; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch875/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.419 mW/g

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.351 V/m; Power Drift = 0.0017 dB
Peak SAR (extrapolated) = 2.191 W/kg
SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.796 mW/g
Maximum value of SAR (measured) = 1.450 mW/g


mW/g
1.419
1.139
0.859
0.580
0.300
0.020
y

#49 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch875_2D

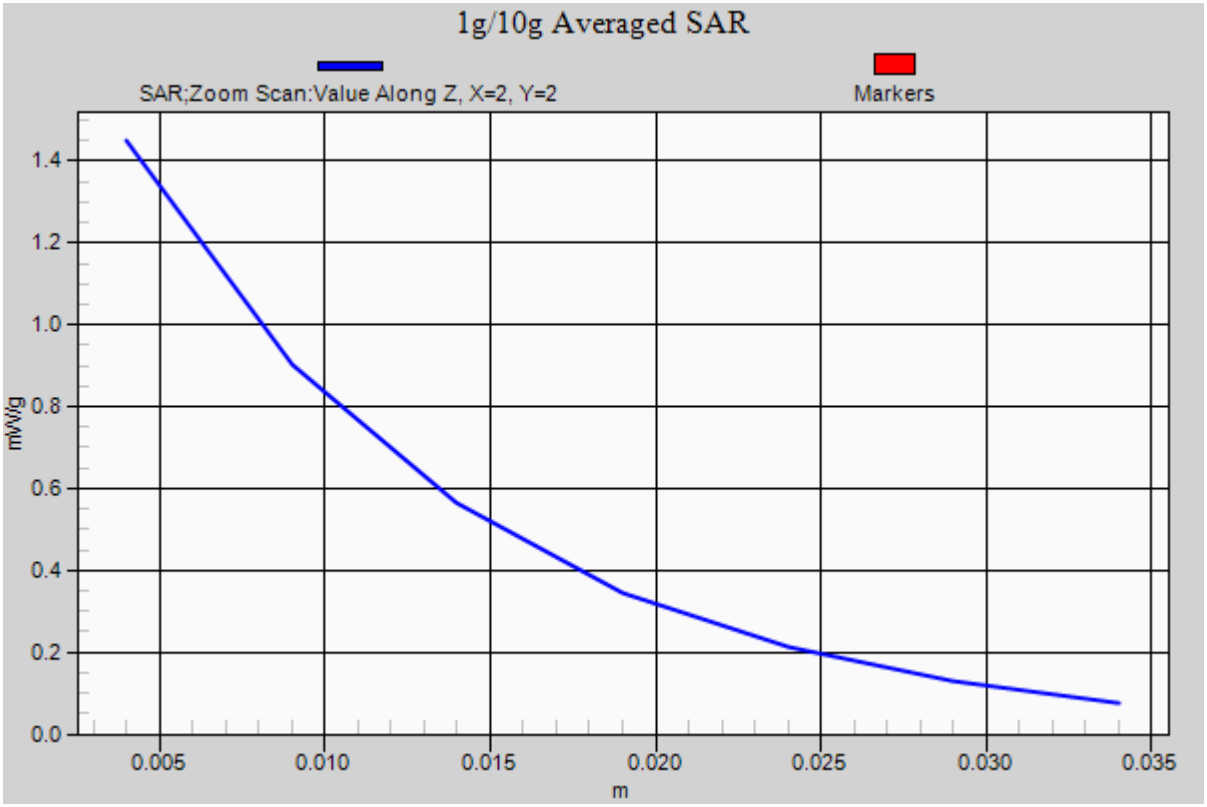
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1753.75 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120105 Medium parameters used: f = 1754 MHz; σ = 1.518 mho/m; ε_r = 55.493; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch875/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.419 mW/g

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.351 V/m; Power Drift = 0.0017 dB
Peak SAR (extrapolated) = 2.191 W/kg
SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.796 mW/g
Maximum value of SAR (measured) = 1.450 mW/g


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

#50 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch875_Earphone

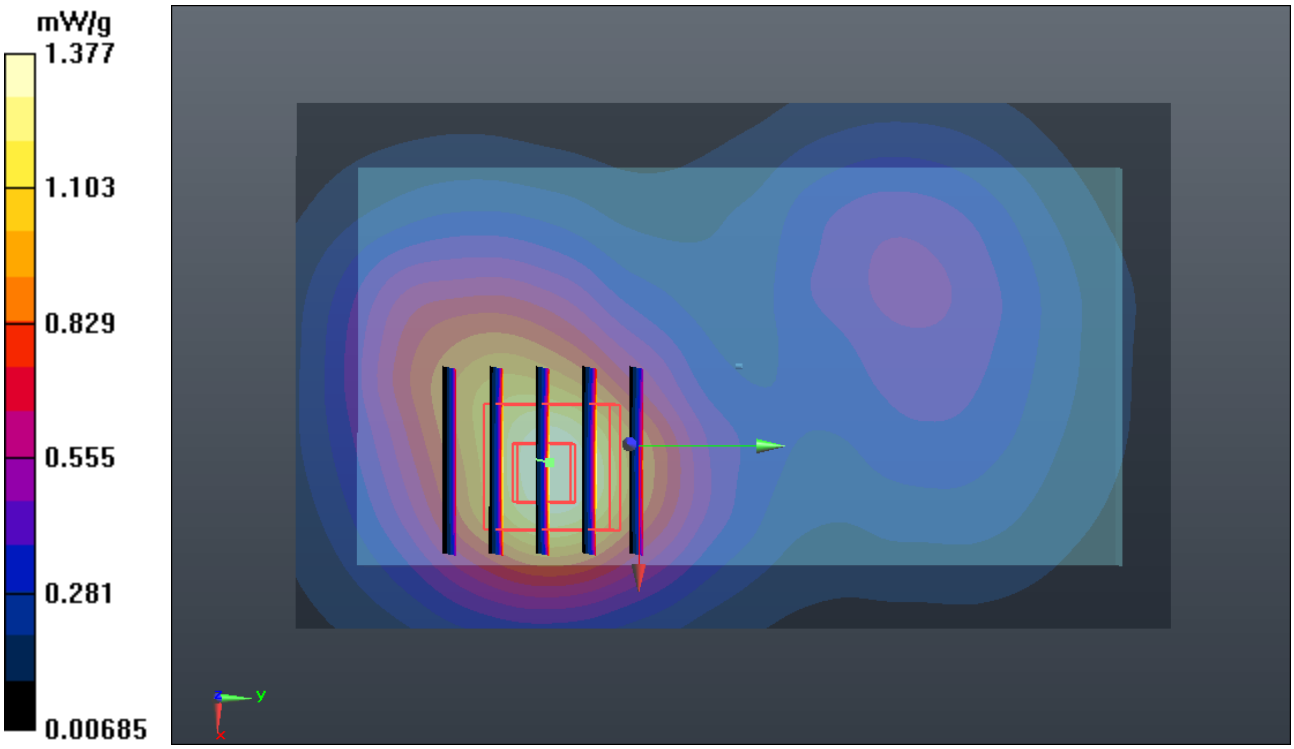
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1753.75 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120105 Medium parameters used: f = 1754 MHz; σ = 1.518 mho/m; ε_r = 55.493; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch875/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.377 mW/g

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.782 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 2.124 W/kg
SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.771 mW/g
Maximum value of SAR (measured) = 1.395 mW/g


mW/g
1.377
1.103
0.829
0.555
0.281
0.00685
y

#57 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch25_Earphone

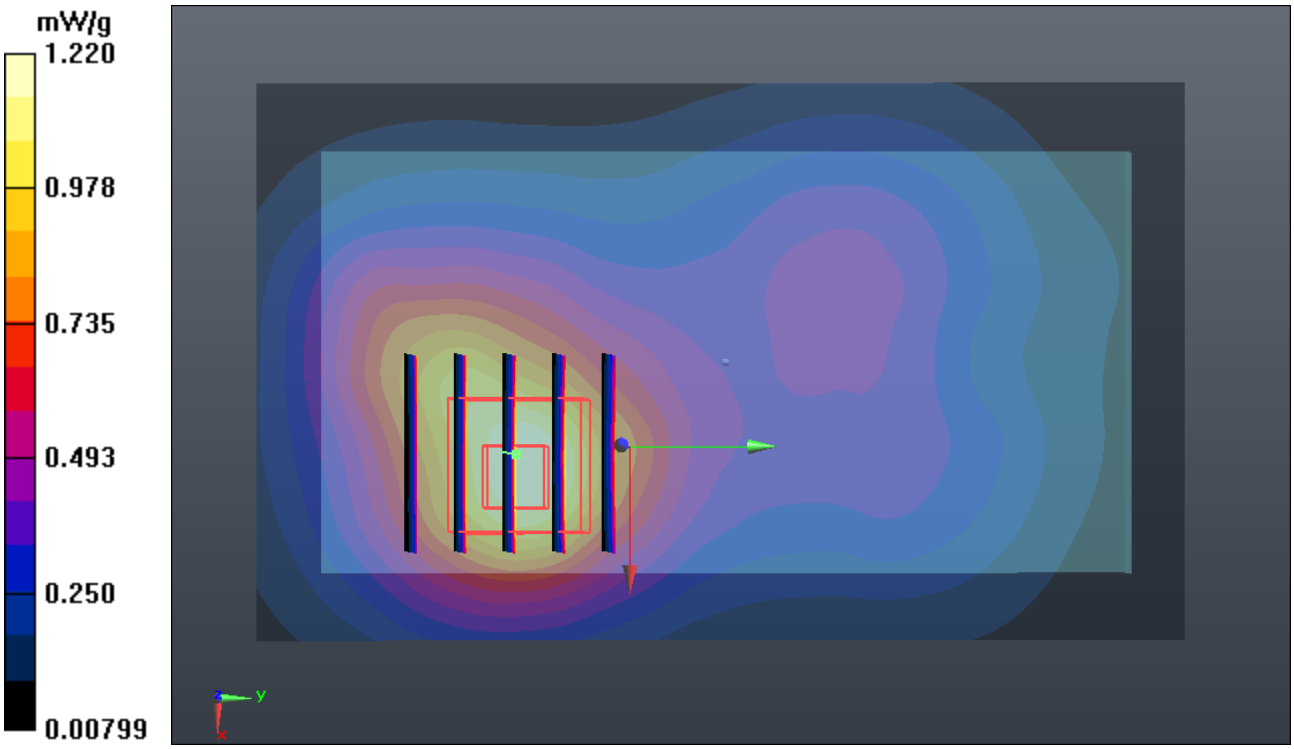
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1711.25 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120105 Medium parameters used: f = 1711.25 MHz; σ = 1.471 mho/m; ε_r = 55.564; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.220 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.831 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.888 W/kg
SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.685 mW/g
Maximum value of SAR (measured) = 1.216 mW/g


mW/g
1.220
0.978
0.735
0.493
0.250
0.00799
y

#58 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch425_Earphone

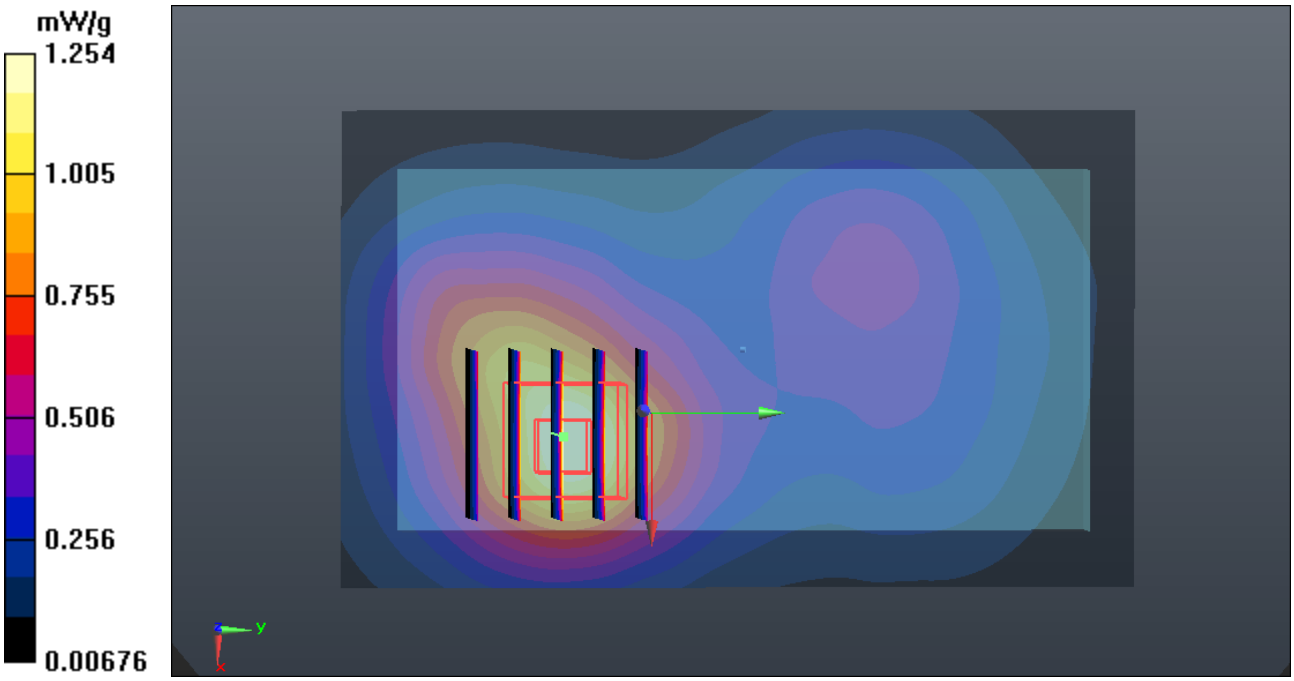
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1731.25 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120105 Medium parameters used: f = 1731.25 MHz; σ = 1.493 mho/m; ε_r = 55.529; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch425/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.254 mW/g

Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.043 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.939 W/kg
SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.714 mW/g
Maximum value of SAR (measured) = 1.287 mW/g


mW/g
1.254
1.005
0.755
0.506
0.256
0.00676
y

#248 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch875_15.5

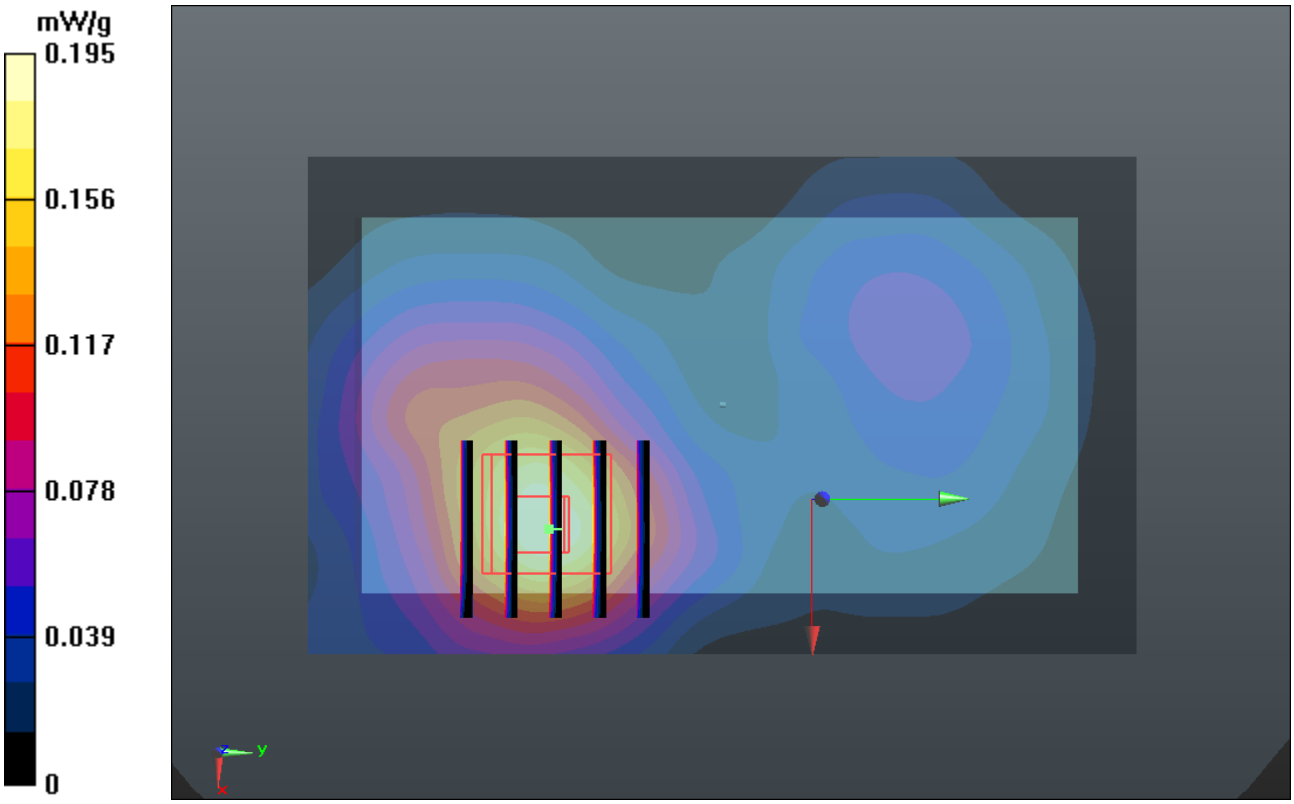
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1753.75 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120120 Medium parameters used: f = 1754 MHz; σ = 1.516 mho/m; ε_r = 55.567; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch875/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.195 mW/g

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.420 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.295 W/kg
SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.100 mW/g
Maximum value of SAR (measured) = 0.198 mW/g


mW/g
0.195
0.156
0.117
0.078
0.039
0
y

#249 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch875_Earphone_15.5

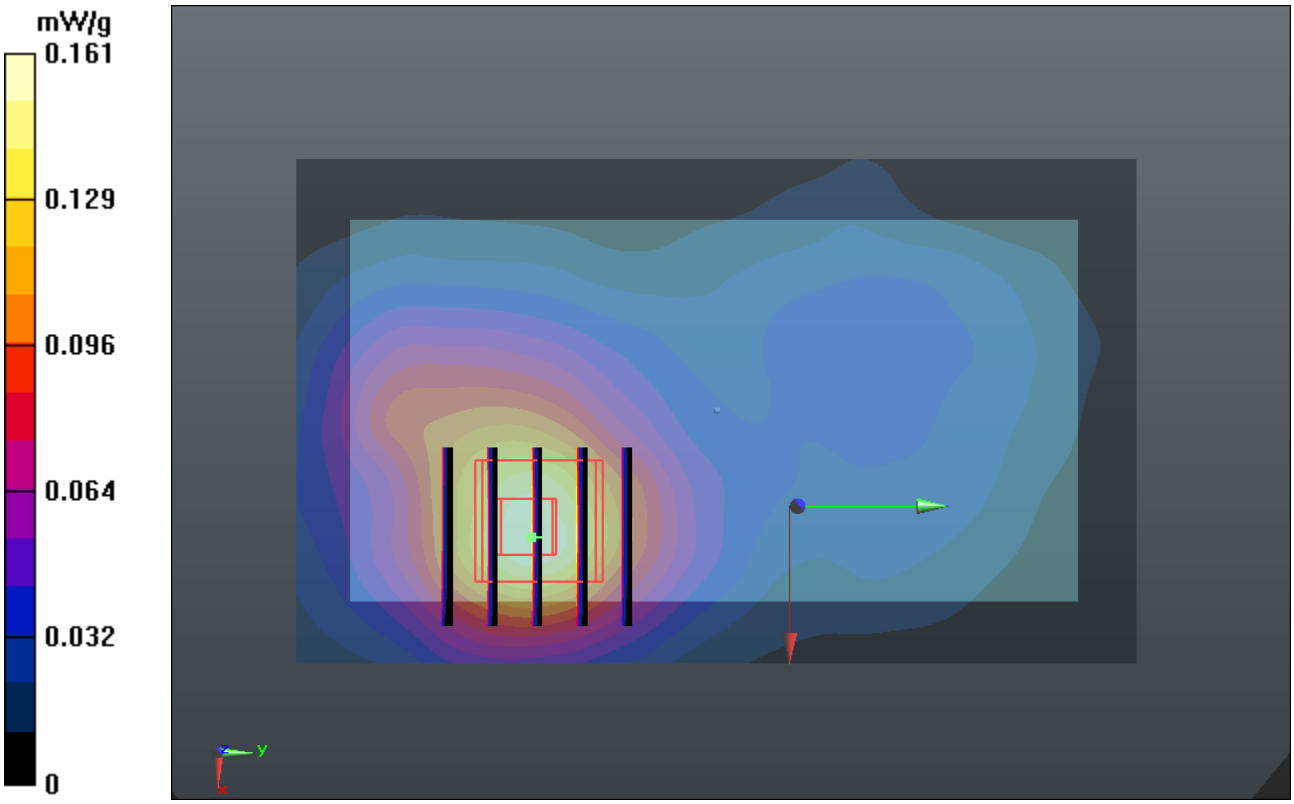
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1753.75 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120120 Medium parameters used: f = 1754 MHz; σ = 1.516 mho/m; ε_r = 55.567; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch875/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.161 mW/g

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.328 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.244 W/kg
SAR(1 g) = 0.148 mW/g; SAR(10 g) = 0.083 mW/g
Maximum value of SAR (measured) = 0.166 mW/g


mW/g
0.161
0.129
0.096
0.064
0.032
0
y

#263 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch875_15_Earphone

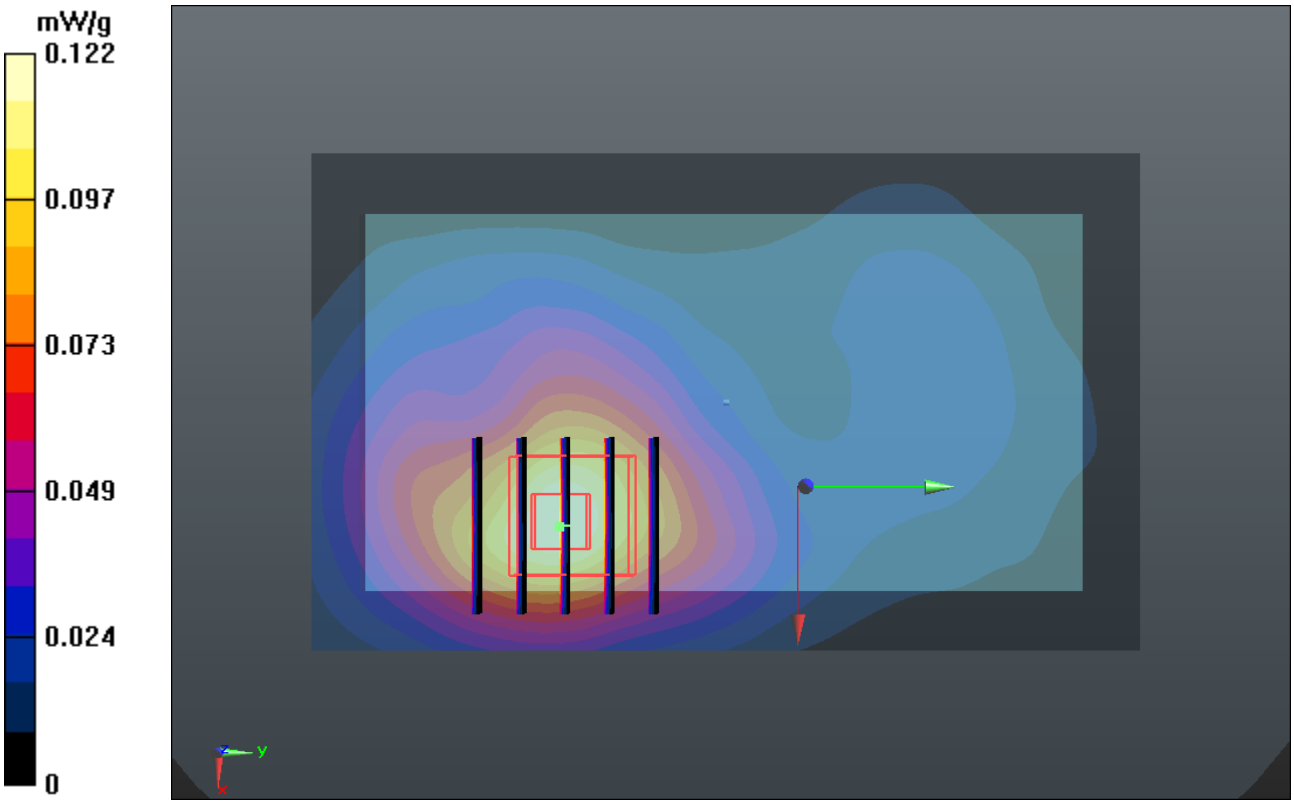
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1753.75 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120120 Medium parameters used: f = 1754 MHz; σ = 1.516 mho/m; ε_r = 55.567; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch875/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.122 mW/g

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.011 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.172 W/kg
SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.059 mW/g
Maximum value of SAR (measured) = 0.113 mW/g


mW/g
0.122
0.097
0.073
0.049
0.024
0
y

#265 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch875_15

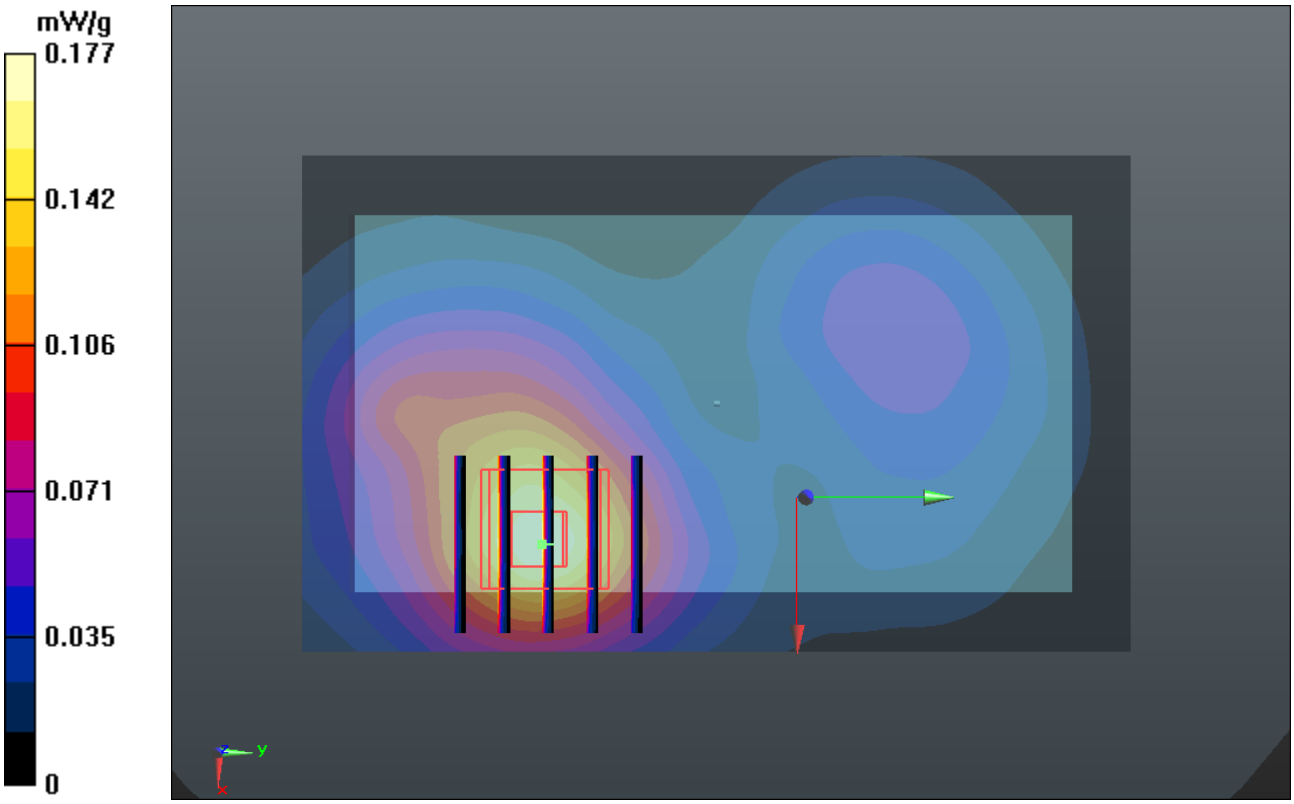
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1753.75 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120120 Medium parameters used: f = 1754 MHz; σ = 1.516 mho/m; ε_r = 55.567; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：21.5℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch875/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.177 mW/g

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.050 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.258 W/kg
SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.094 mW/g
Maximum value of SAR (measured) = 0.173 mW/g


mW/g
0.177
0.142
0.106
0.071
0.035
0

#01 CDMA2000 BC15_RTAP 153.6_Front_1cm_Ch25

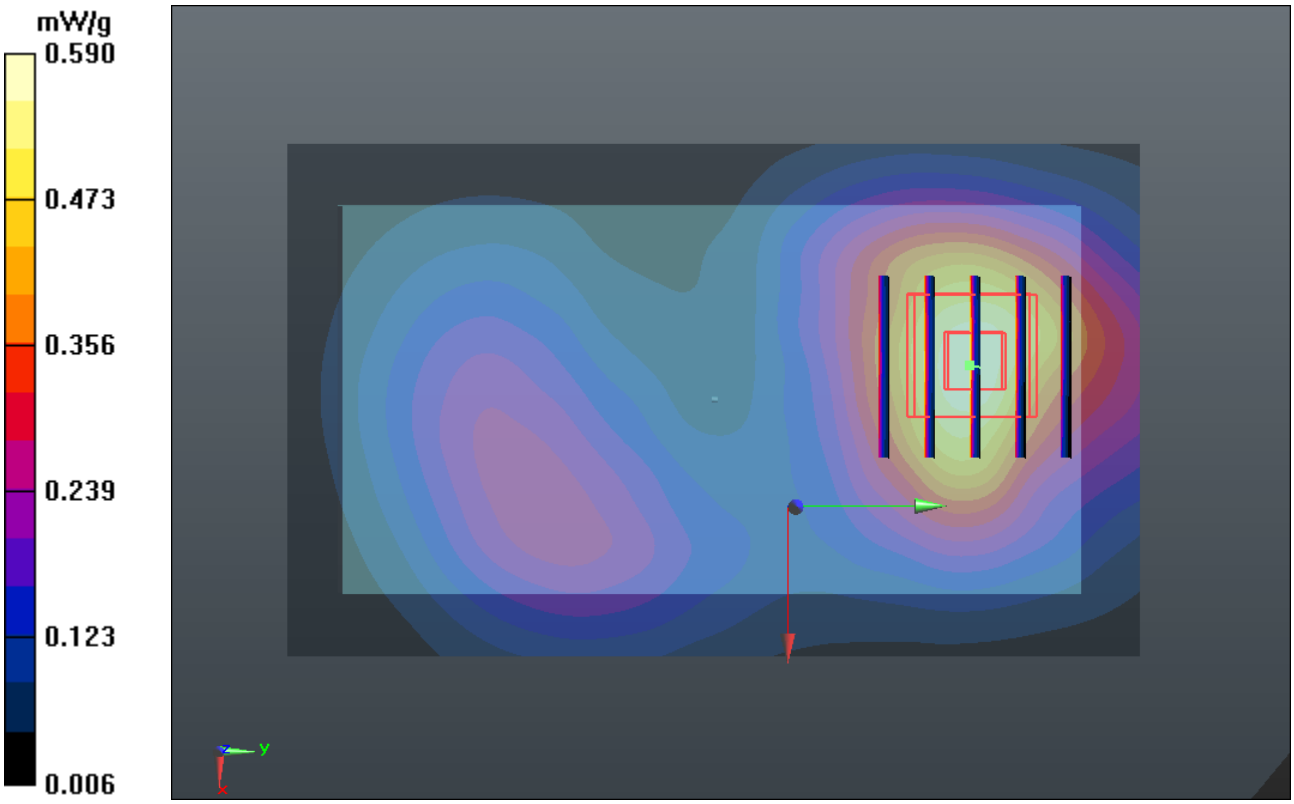
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1711.25 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120104 Medium parameters used: f = 1711.25 MHz; σ = 1.47 mho/m; ε_r = 55.651; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.590 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.764 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.809 W/kg
SAR(1 g) = 0.527 mW/g; SAR(10 g) = 0.330 mW/g
Maximum value of SAR (measured) = 0.572 mW/g


mW/g
0.590
0.473
0.356
0.239
0.123
0.006
y

#02 CDMA2000 BC15_RTAP 153.6_Back_1cm_Ch25

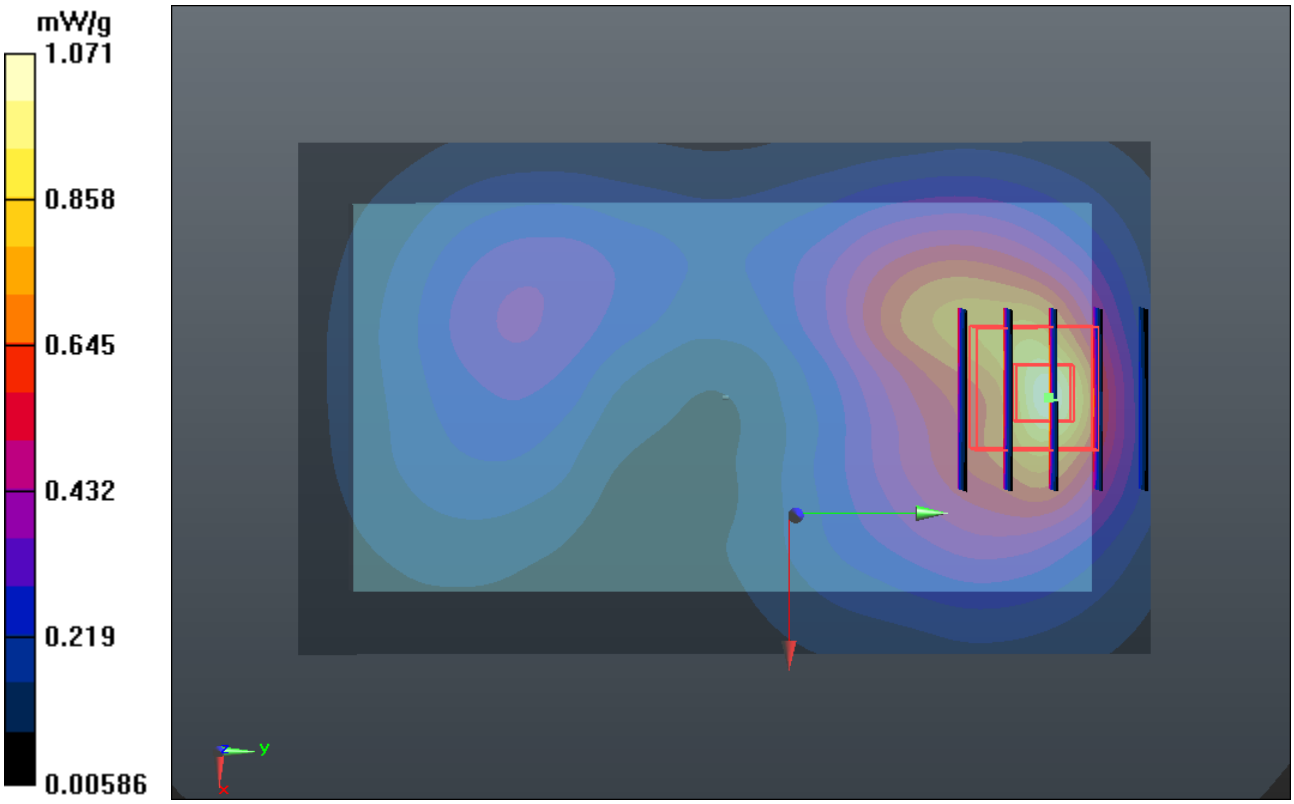
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1711.25 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120104 Medium parameters used: f = 1711.25 MHz; σ = 1.47 mho/m; ε_r = 55.651; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.071 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.508 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.536 W/kg
SAR(1 g) = 0.939 mW/g; SAR(10 g) = 0.537 mW/g
Maximum value of SAR (measured) = 1.071 mW/g


mW/g
1.071
0.858
0.645
0.432
0.219
0.00586
y

#06 CDMA2000 BC15_RTAP 153.6_Back_1cm_Ch425

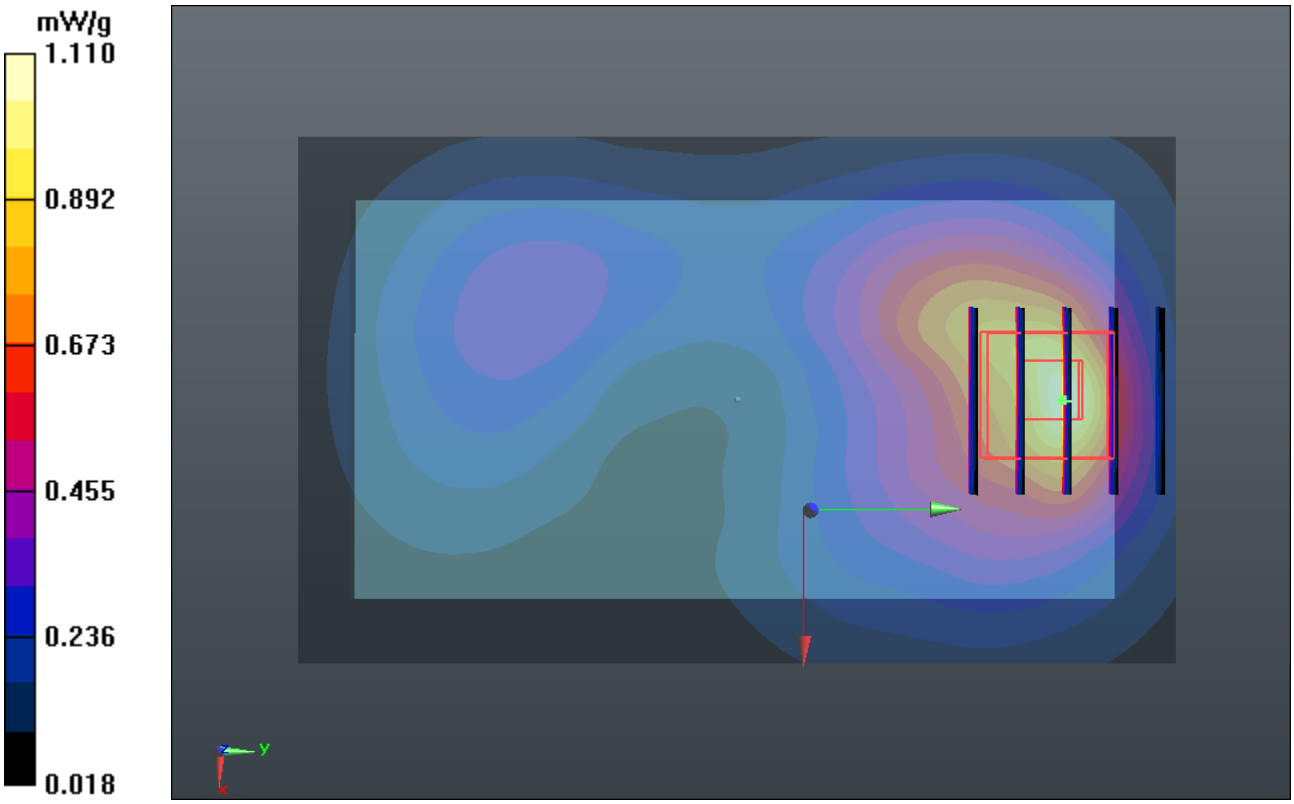
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1731.25 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120104 Medium parameters used: f = 1731.25 MHz; σ = 1.492 mho/m; ε_r = 55.617; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch425/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.110 mW/g

Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.583 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.673 W/kg
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.581 mW/g
Maximum value of SAR (measured) = 1.150 mW/g


mW/g
1.110
0.892
0.673
0.455
0.236
0.018
y

#07 CDMA2000 BC15_RTAP 153.6_Back_1cm_Ch875

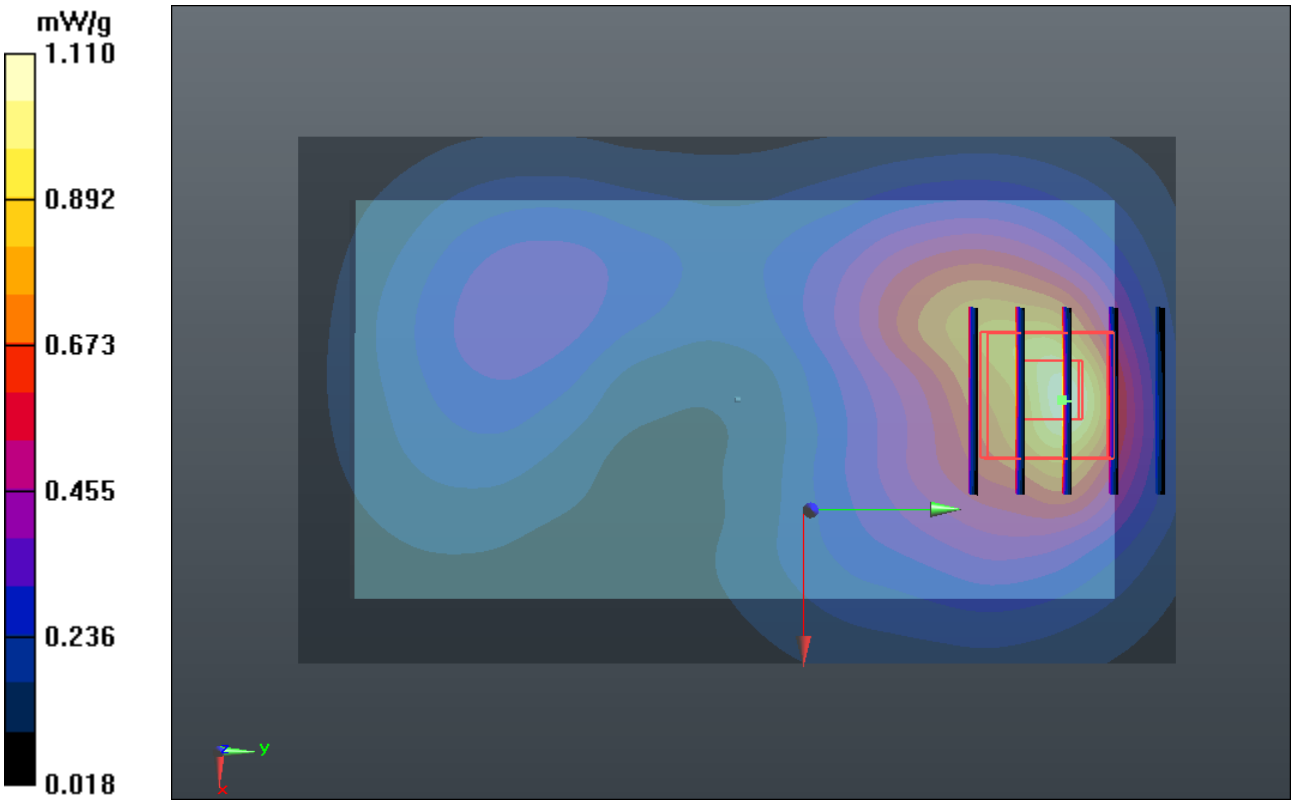
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1753.75 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120104 Medium parameters used: f = 1754 MHz; σ = 1.517 mho/m; ε_r = 55.58; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch875/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.392 mW/g

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.641 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.042 W/kg
SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.681 mW/g
Maximum value of SAR (measured) = 1.377 mW/g


mW/g
1.110
0.892
0.673
0.455
0.236
0.018
y

#08 CDMA2000 BC15_RTAP 153.6_Back_1cm_Ch875_Earphone

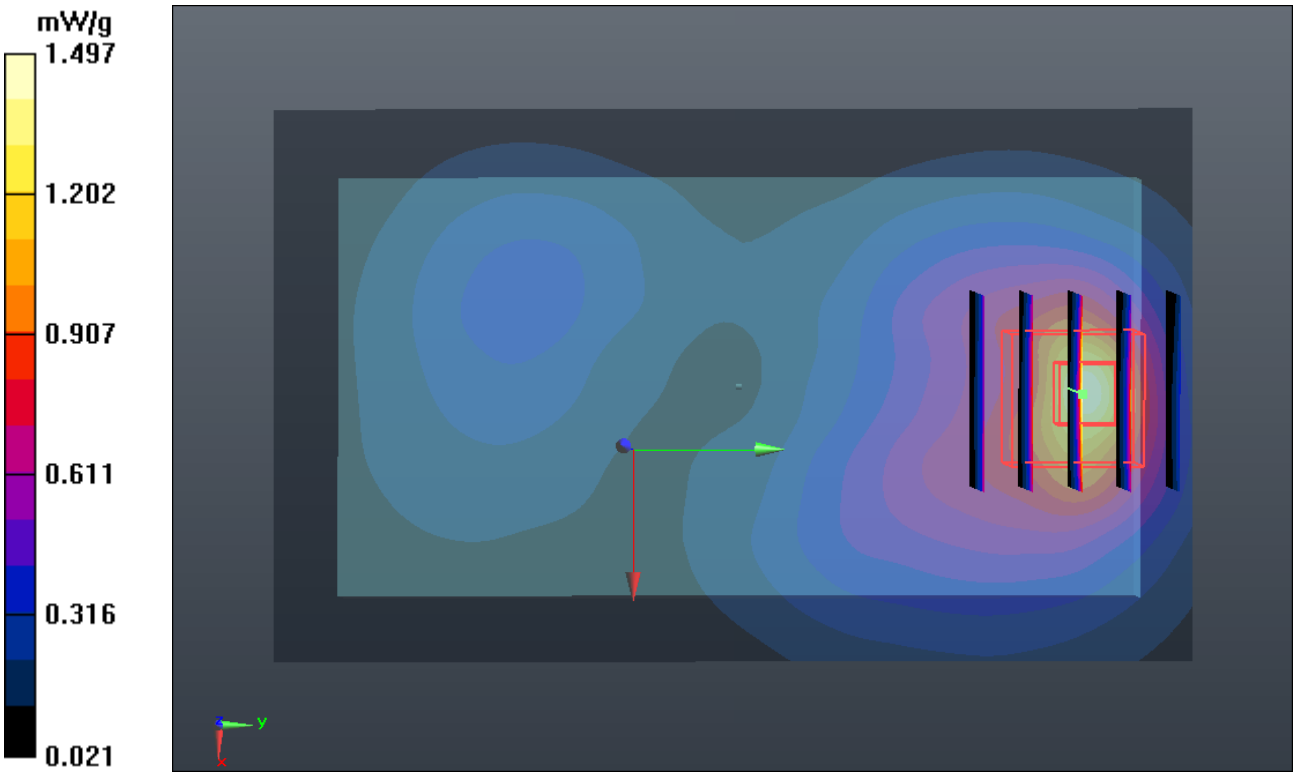
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1753.75 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120104 Medium parameters used: f = 1754 MHz; σ = 1.517 mho/m; ε_r = 55.58; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch875/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.497 mW/g

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.465 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.172 W/kg
SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.693 mW/g
Maximum value of SAR (measured) = 1.476 mW/g


mW/g
1.497
1.202
0.907
0.611
0.316
0.021
y

#08 CDMA2000 BC15_RTAP 153.6_Back_1cm_Ch875_Earphone_2D

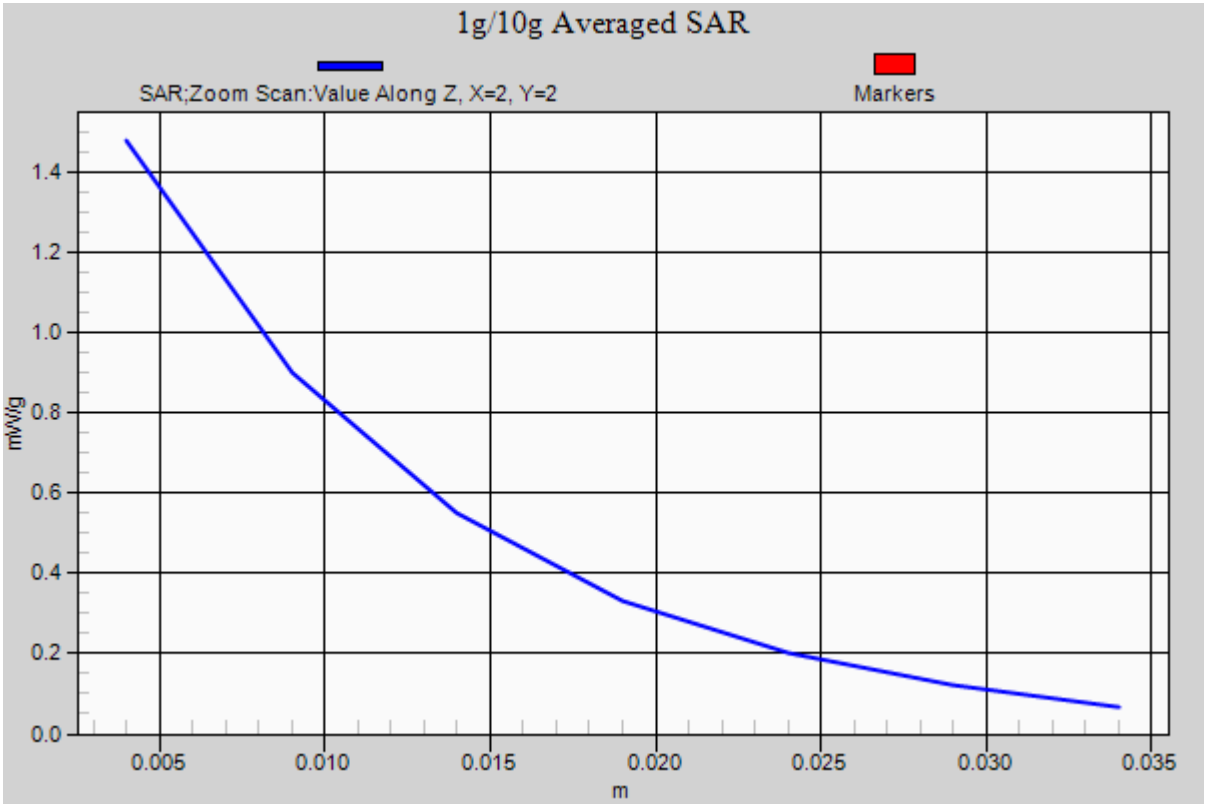
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1753.75 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120104 Medium parameters used: f = 1754 MHz; σ = 1.517 mho/m; ε_r = 55.58; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch875/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.497 mW/g

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.465 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.172 W/kg
SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.693 mW/g
Maximum value of SAR (measured) = 1.476 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

#09 CDMA2000 BC15_RTAP 153.6_Back_1cm_Ch25_Earphone

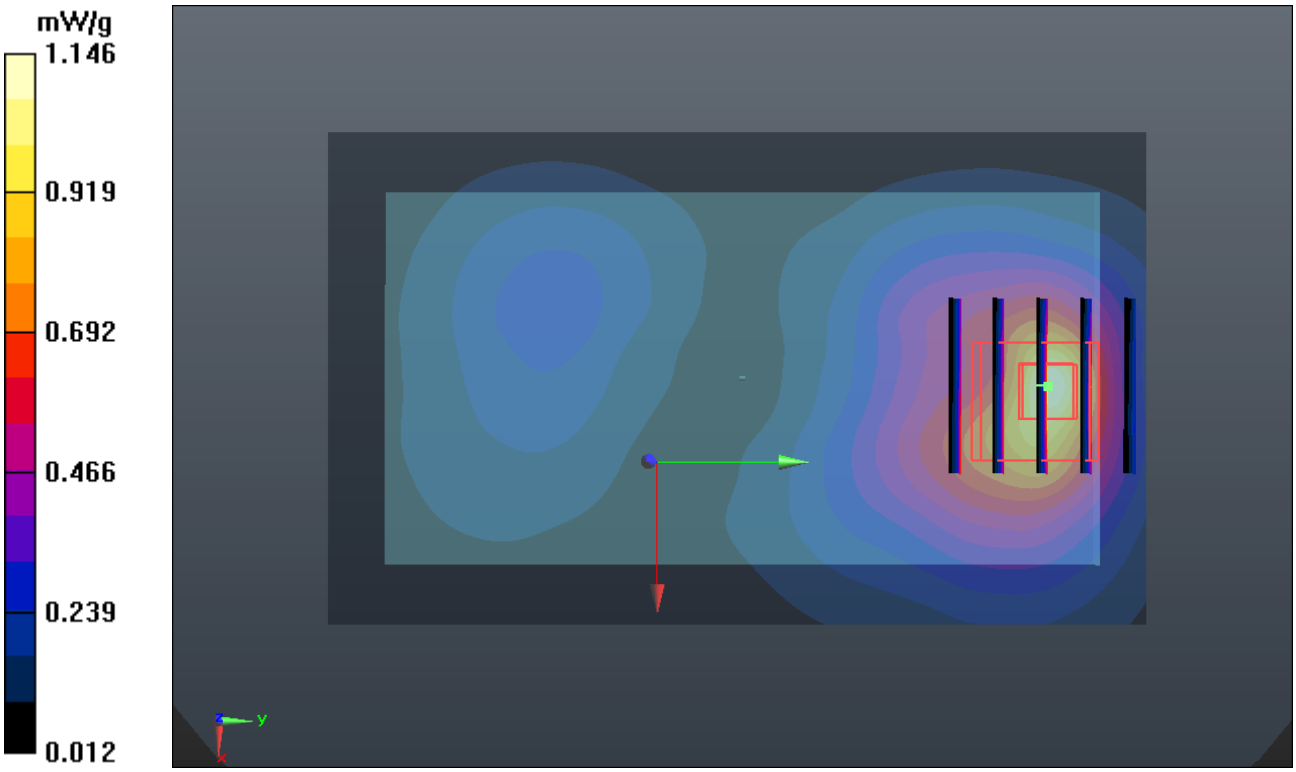
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1711.25 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120104 Medium parameters used: f = 1711.25 MHz; σ = 1.47 mho/m; ε_r = 55.651; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.146 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.039 V/m; Power Drift = 0.0034 dB
Peak SAR (extrapolated) = 1.638 W/kg
SAR(1 g) = 0.974 mW/g; SAR(10 g) = 0.543 mW/g
Maximum value of SAR (measured) = 1.116 mW/g


mW/g
1.146
0.919
0.692
0.466
0.239
0.012
y

#10 CDMA2000 BC15_RTAP 153.6_Back_1cm_Ch425_Earphone

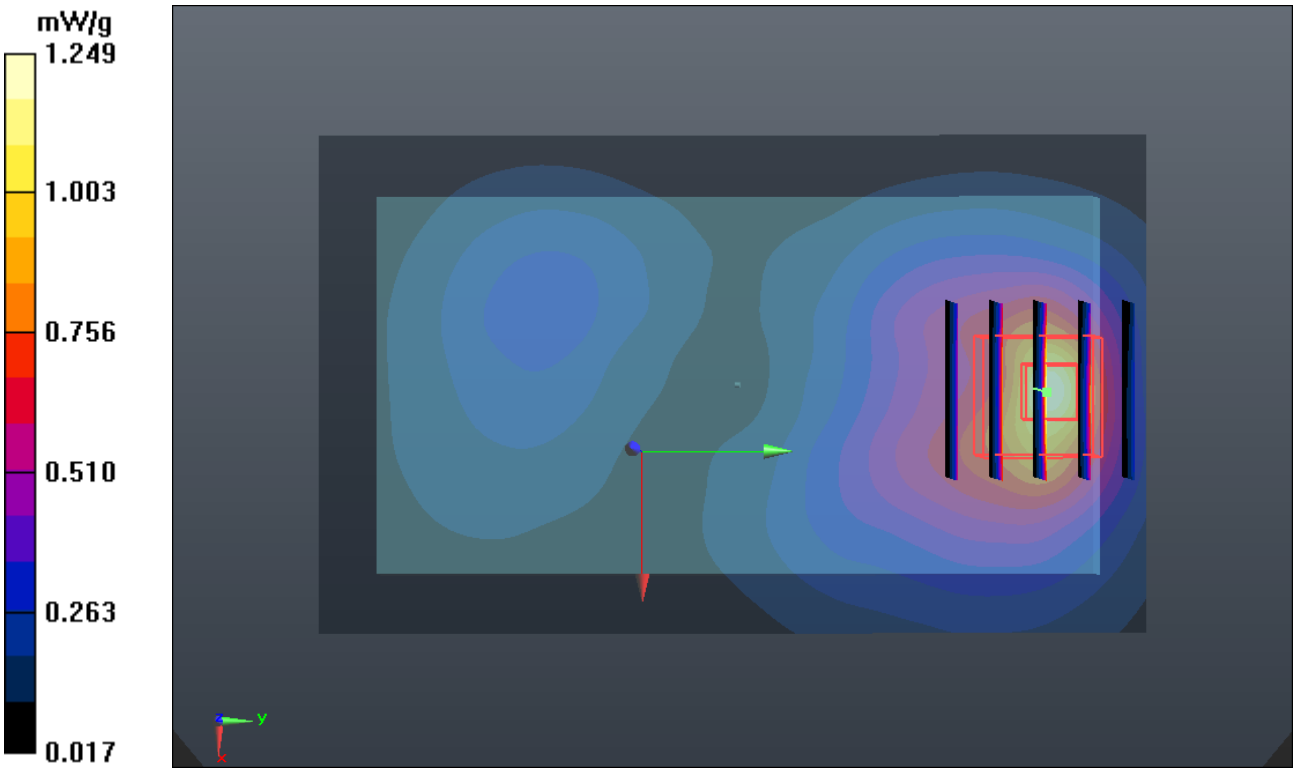
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1731.25 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120104 Medium parameters used: f = 1731.25 MHz; σ = 1.492 mho/m; ε_r = 55.617; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch425/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.249 mW/g

Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.002 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.825 W/kg
SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.591 mW/g
Maximum value of SAR (measured) = 1.241 mW/g


mW/g
1.249
1.003
0.756
0.510
0.263
0.017
y

#234 CDMA2000 BC15_RTAP 153.6_Back_1cm_Ch875_17

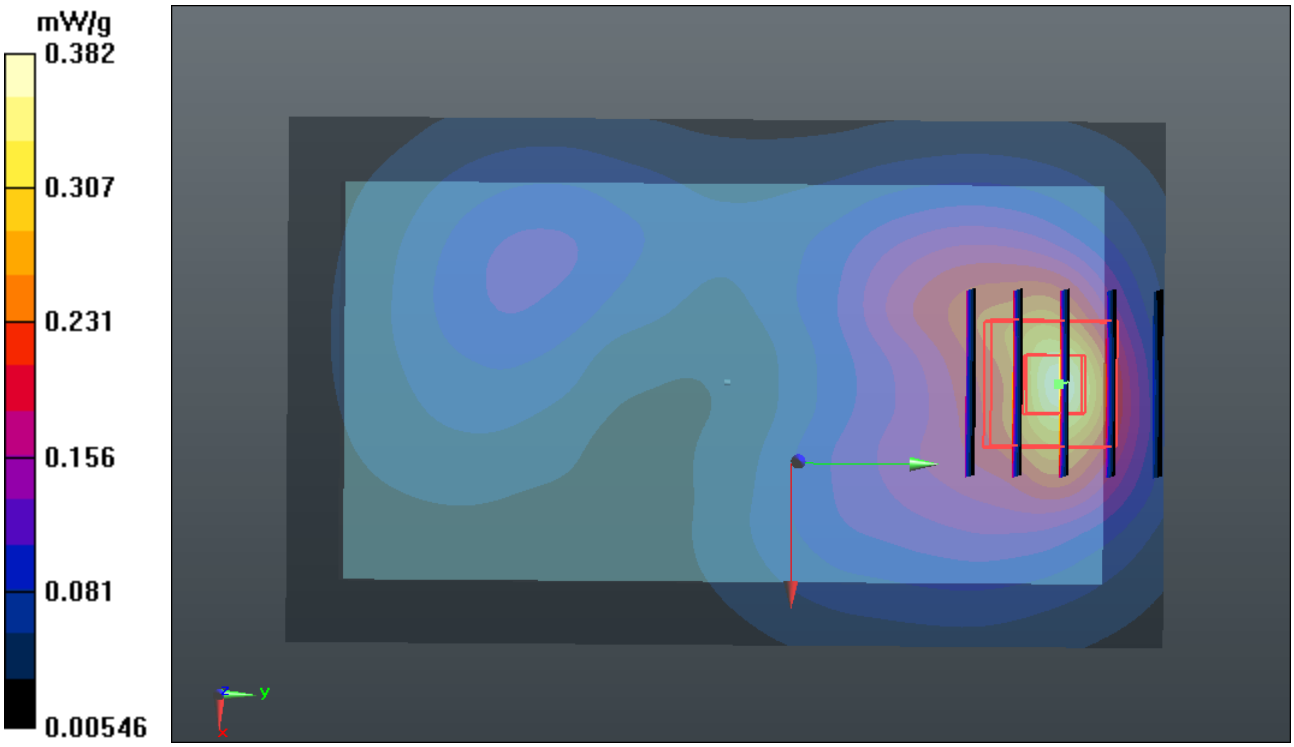
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1753.75 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120120 Medium parameters used: f = 1754 MHz; σ = 1.516 mho/m; ε_r = 55.567; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch875/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.382 mW/g

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.871 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.544 W/kg
SAR(1 g) = 0.322 mW/g; SAR(10 g) = 0.178 mW/g
Maximum value of SAR (measured) = 0.368 mW/g


mW/g
0.382
0.307
0.231
0.156
0.081
0.00546
y

#235 CDMA2000 BC15_RTAP 153.6_Back_1cm_Ch875_17_Earphone

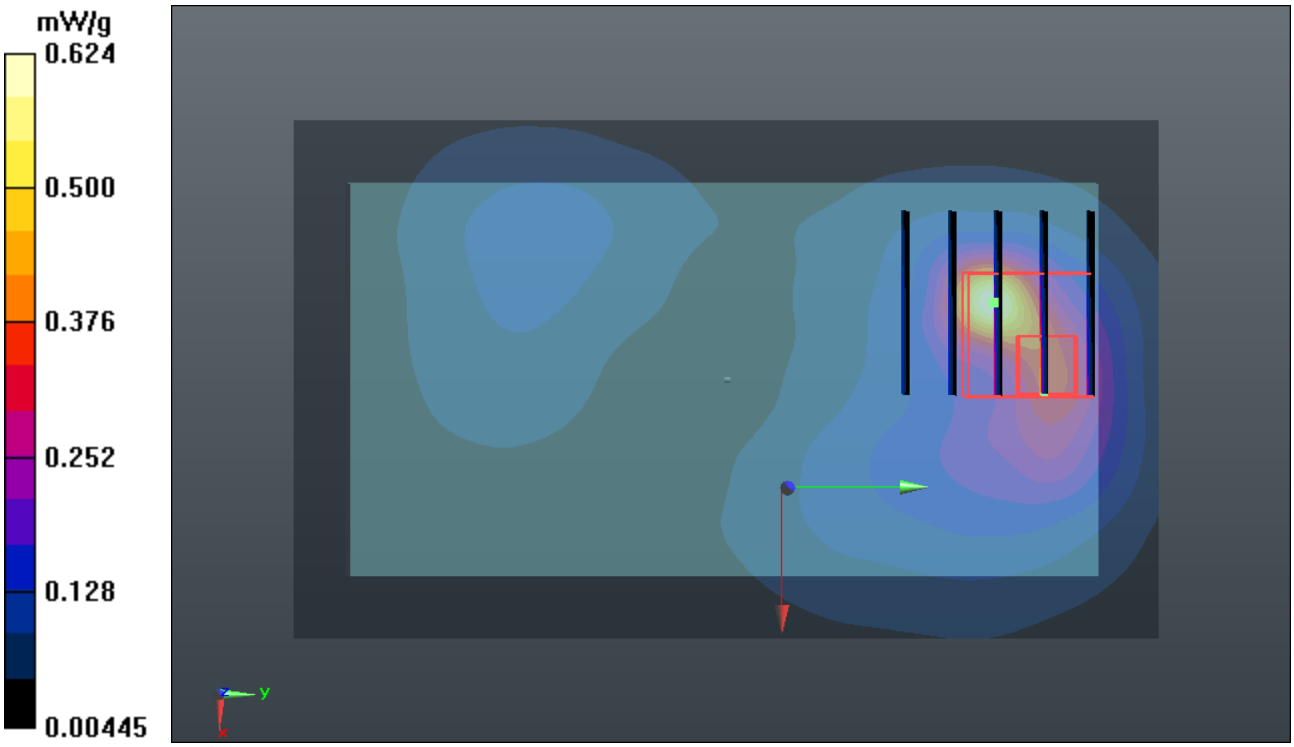
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1753.75 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120120 Medium parameters used: f = 1754 MHz; σ = 1.516 mho/m; ε_r = 55.567; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch875/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.624 mW/g

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.184 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.692 W/kg
SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.190 mW/g
Maximum value of SAR (measured) = 0.462 mW/g


mW/g
0.624
0.500
0.376
0.252
0.128
0.00445
y

#252 CDMA2000 BC15_RTAP 153.6_Back_1cm_Ch875_23

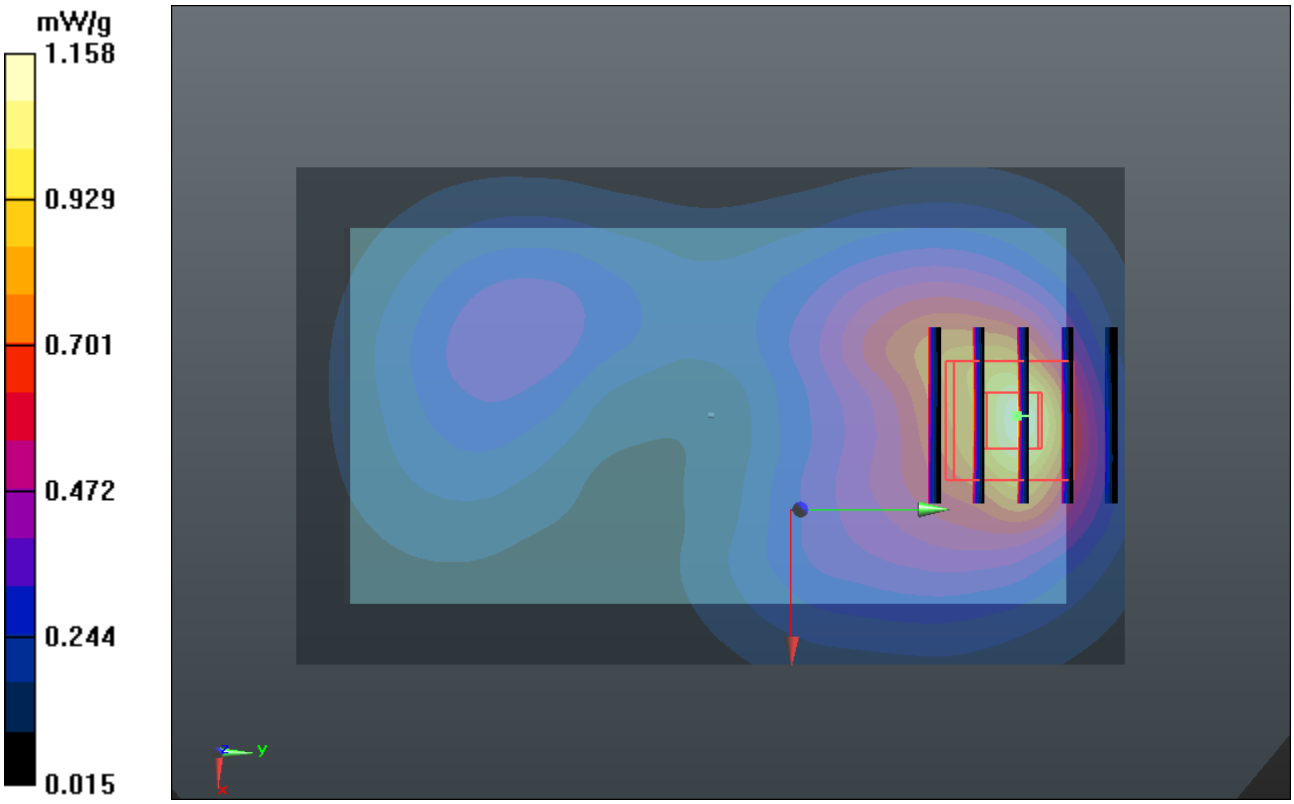
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1753.75 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120120 Medium parameters used: f = 1754 MHz; σ = 1.516 mho/m; ε_r = 55.567; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch875/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.158 mW/g

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.788 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.760 W/kg
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.575 mW/g
Maximum value of SAR (measured) = 1.178 mW/g


mW/g
1.158
0.929
0.701
0.472
0.244
0.015
y

#253 CDMA2000 BC15_RTAP 153.6_Back_1cm_Ch875_Earphone_23

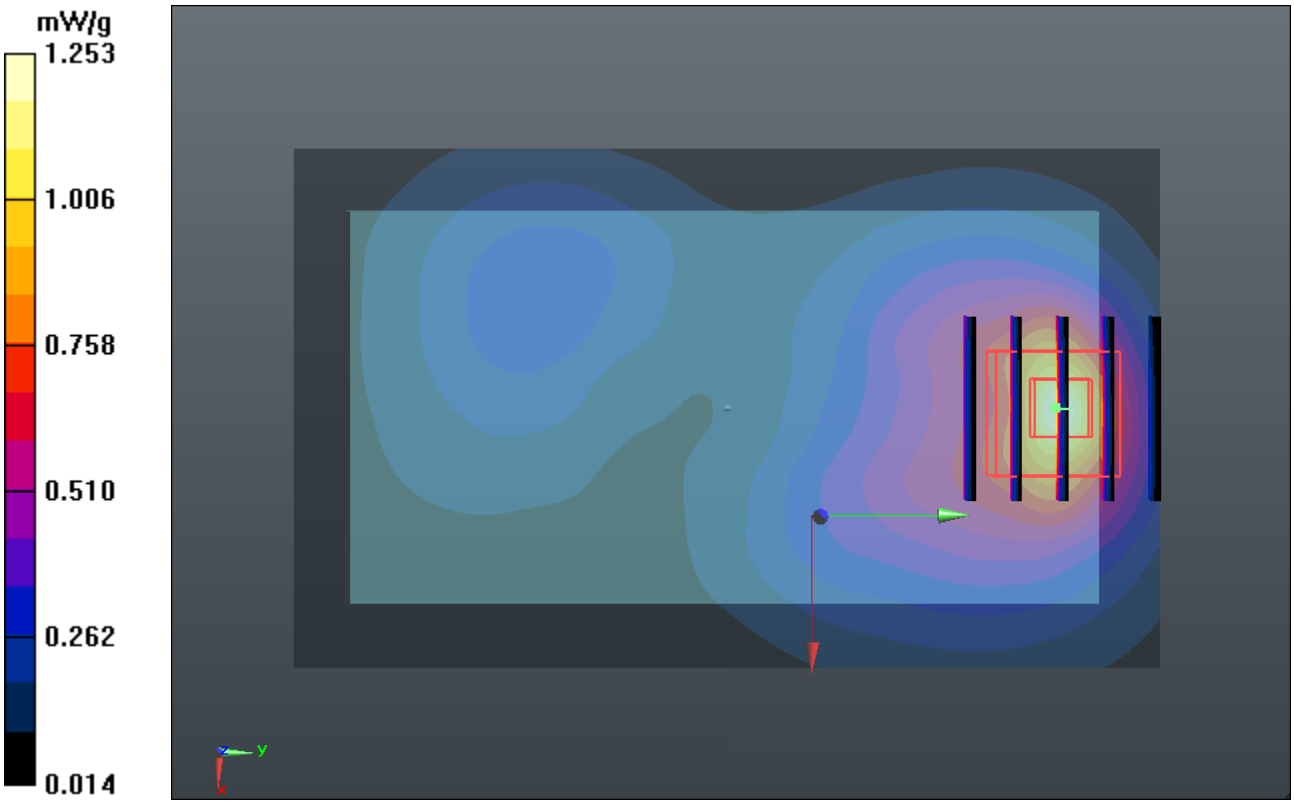
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1753.75 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120120 Medium parameters used: f = 1754 MHz; σ = 1.516 mho/m; ε_r = 55.567; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch875/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.253 mW/g

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.455 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.844 W/kg
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.576 mW/g
Maximum value of SAR (measured) = 1.220 mW/g


mW/g
1.253
1.006
0.758
0.510
0.262
0.014
y

#21 CDMA2000 BC1_RC3 SO32_Front_1cm_Ch25

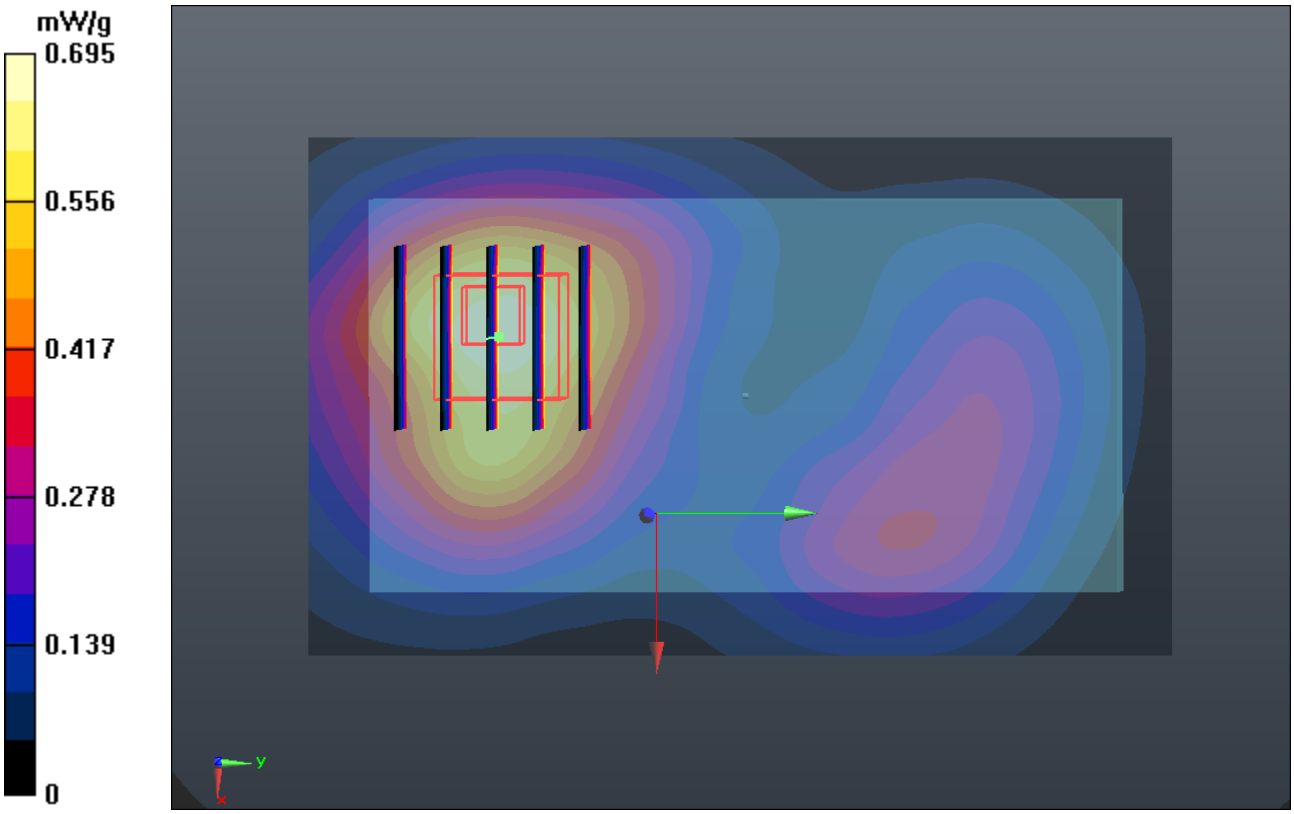
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1851.25 MHz; σ = 1.48 mho/m; ε_r = 52.602; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.695 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.235 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.038 W/kg
SAR(1 g) = 0.637 mW/g; SAR(10 g) = 0.395 mW/g
Maximum value of SAR (measured) = 0.674 mW/g


mW/g
0.695
0.556
0.417
0.278
0.139
0
y

#22 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25

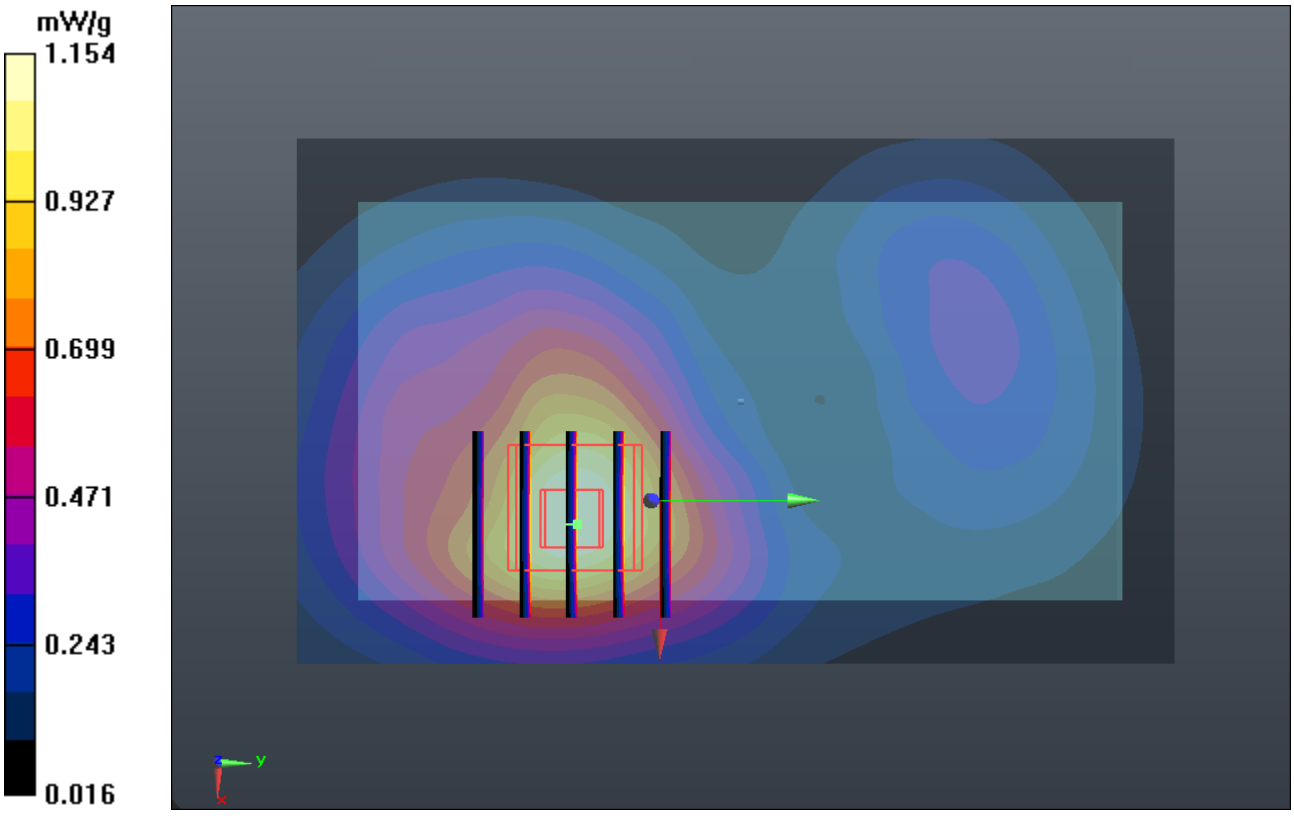
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1851.25 MHz; σ = 1.48 mho/m; ε_r = 52.602; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.154 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.951 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.718 W/kg
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.647 mW/g
Maximum value of SAR (measured) = 1.174 mW/g


mW/g
1.154
0.927
0.699
0.471
0.243
0.016
y

#22 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25_2D

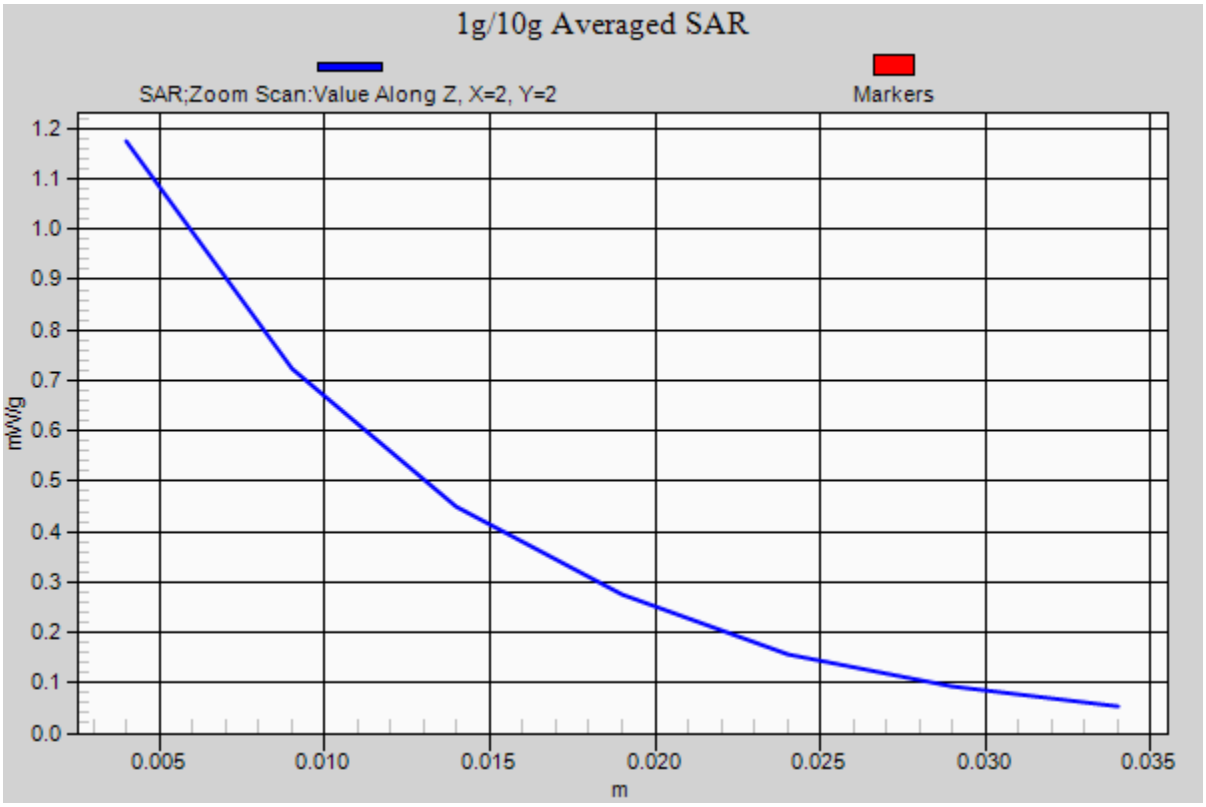
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1851.25 MHz; σ = 1.48 mho/m; ε_r = 52.602; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.154 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.951 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.718 W/kg
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.647 mW/g
Maximum value of SAR (measured) = 1.174 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
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
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#26 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch600

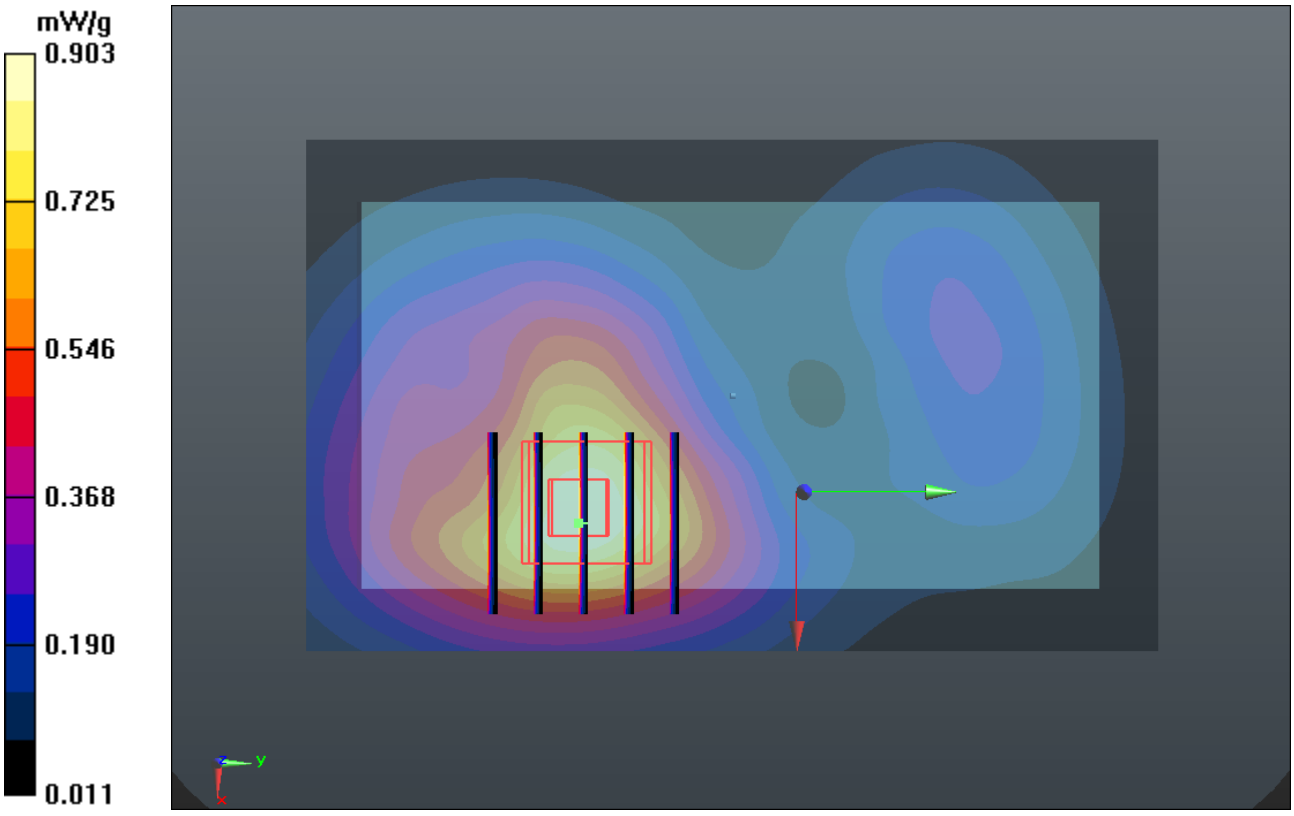
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1880 MHz; σ = 1.509 mho/m; ε_r = 52.468; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.903 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.003 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.362 W/kg
SAR(1 g) = 0.839 mW/g; SAR(10 g) = 0.505 mW/g
Maximum value of SAR (measured) = 0.903 mW/g


mW/g
0.903
0.725
0.546
0.368
0.190
0.011

#27 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch1175

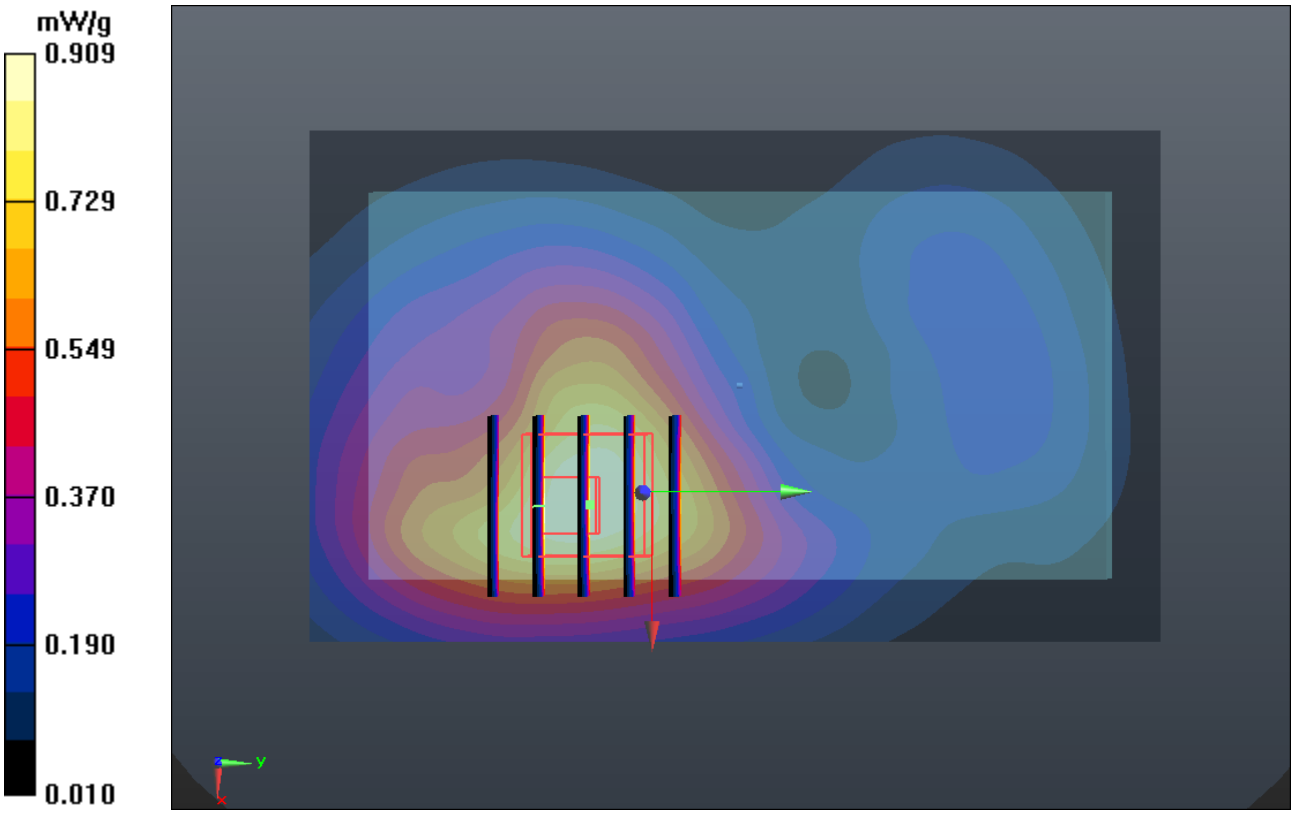
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1909 MHz; σ = 1.542 mho/m; ε_r = 52.376; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.909 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.518 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.553 W/kg
SAR(1 g) = 0.875 mW/g; SAR(10 g) = 0.521 mW/g
Maximum value of SAR (measured) = 0.961 mW/g


mW/g
0.909
0.729
0.549
0.370
0.190
0.010
y

#28 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25_Earphone

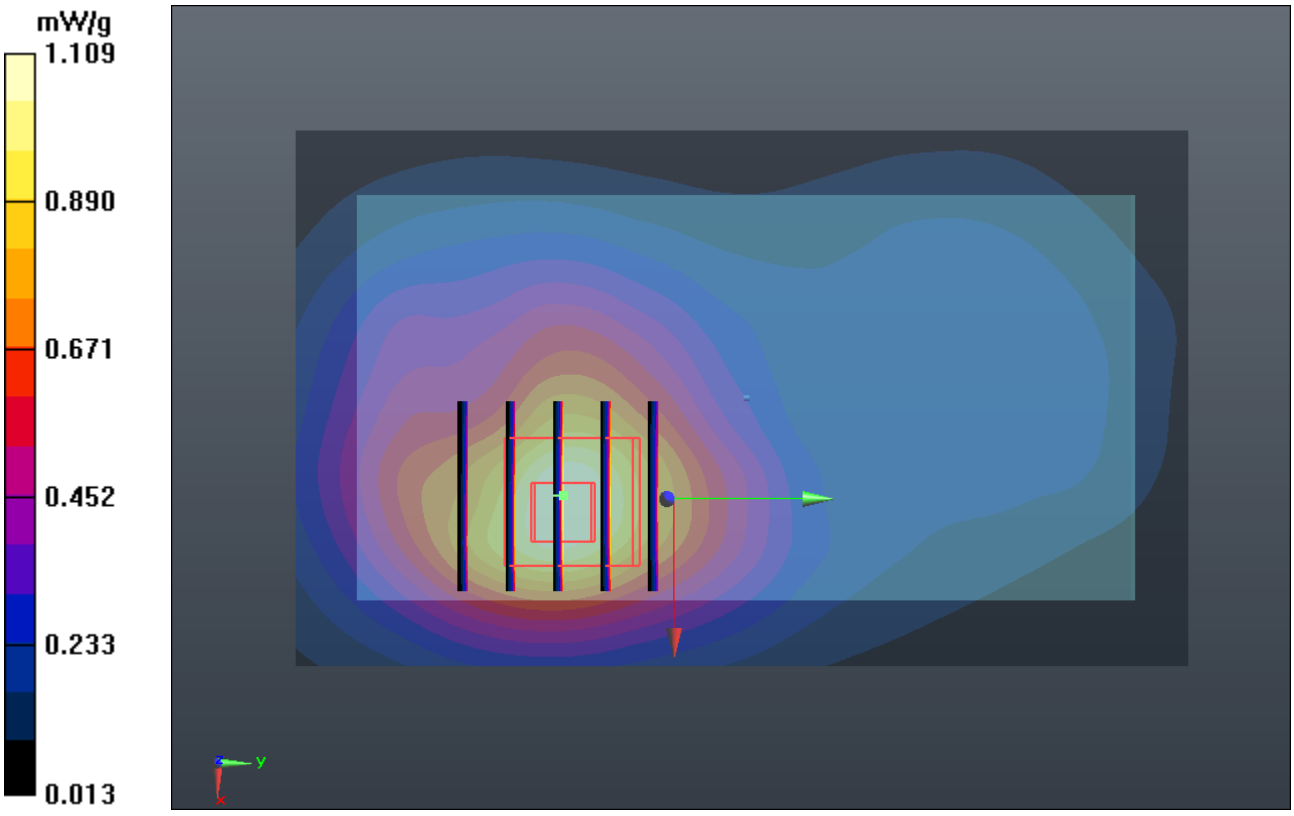
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1851.25 MHz; σ = 1.48 mho/m; ε_r = 52.602; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.109 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.432 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.673 W/kg
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.615 mW/g
Maximum value of SAR (measured) = 1.087 mW/g


mW/g
1.109
0.890
0.671
0.452
0.233
0.013
y

#29 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch600_Earphone

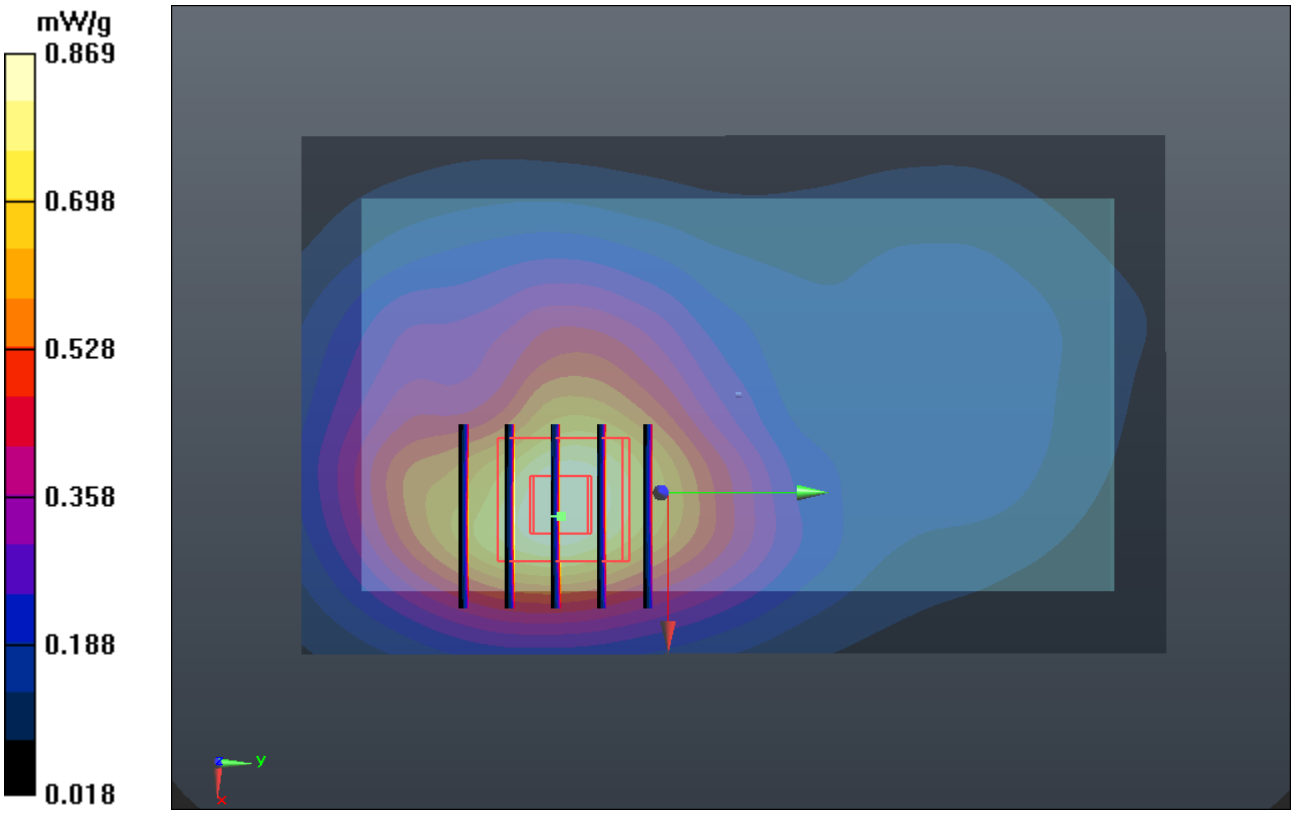
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1880 MHz; σ = 1.509 mho/m; ε_r = 52.468; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.869 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.645 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.398 W/kg
SAR(1 g) = 0.835 mW/g; SAR(10 g) = 0.498 mW/g
Maximum value of SAR (measured) = 0.900 mW/g


mW/g
0.869
0.698
0.528
0.358
0.188
0.018
y

#30 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch1175_Earphone

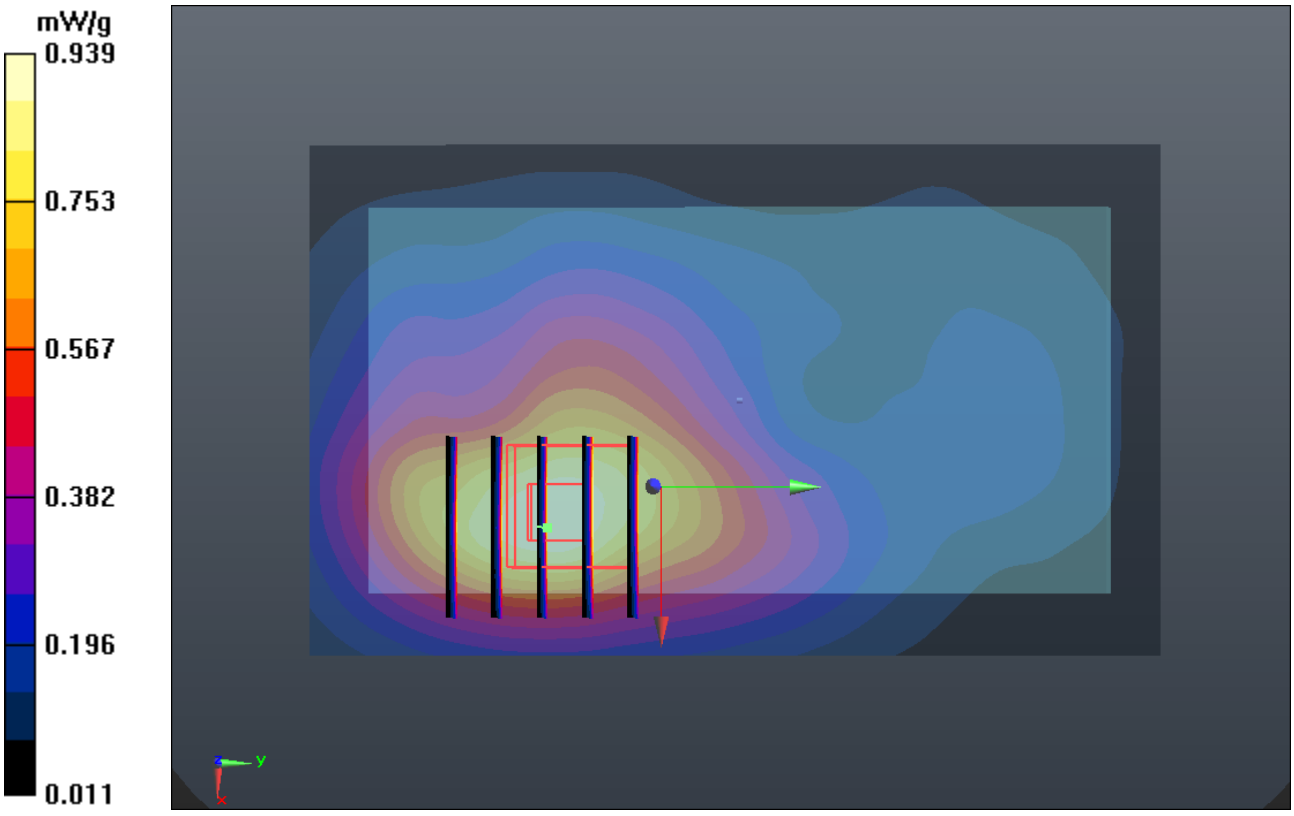
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1909 MHz; σ = 1.542 mho/m; ε_r = 52.376; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.939 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.460 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.418 W/kg
SAR(1 g) = 0.864 mW/g; SAR(10 g) = 0.511 mW/g
Maximum value of SAR (measured) = 0.937 mW/g


mW/g
0.939
0.753
0.567
0.382
0.196
0.011
y

#250 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25_15.5

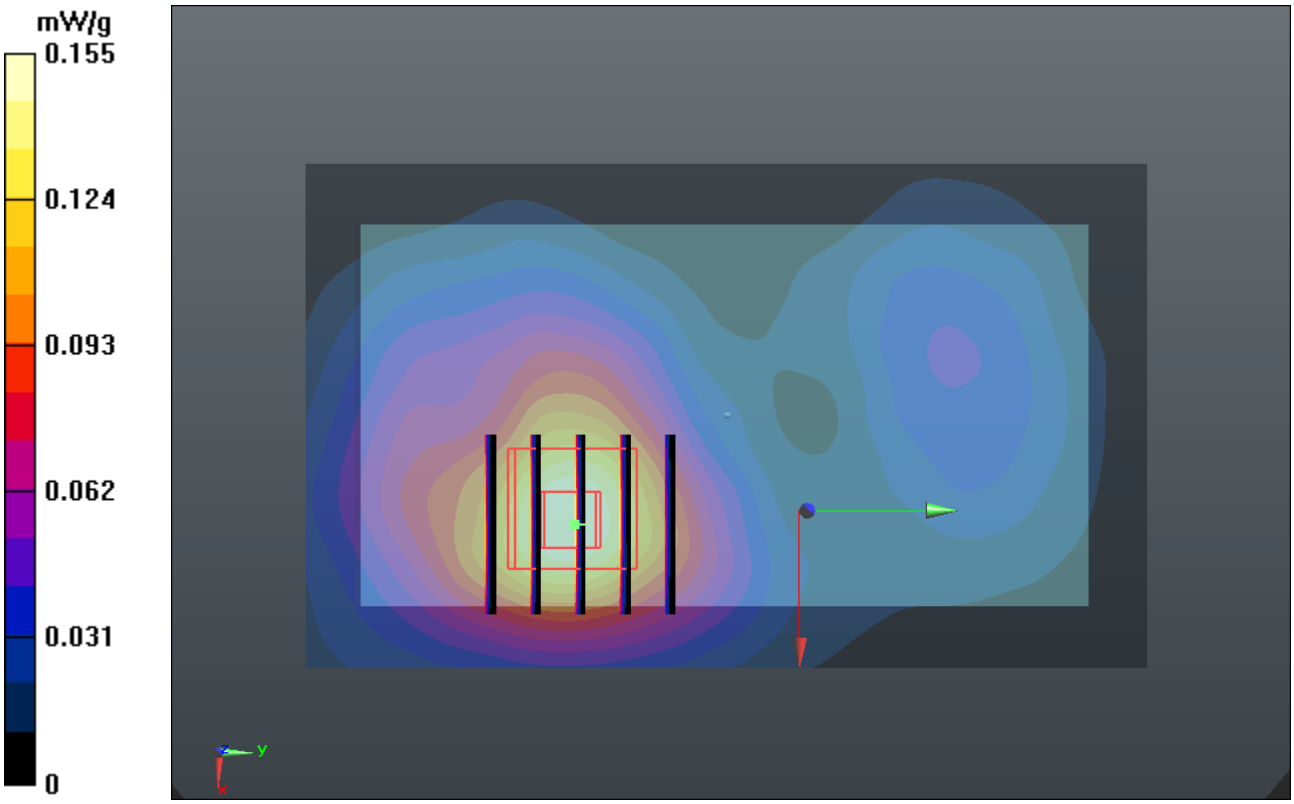
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120120 Medium parameters used: f = 1851.25 MHz; σ = 1.476 mho/m; ε_r = 52.574; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.155 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.633 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.233 W/kg
SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.080 mW/g
Maximum value of SAR (measured) = 0.161 mW/g


mW/g
0.155
0.124
0.093
0.062
0.031
0
y

#251 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25_earphone_15.5

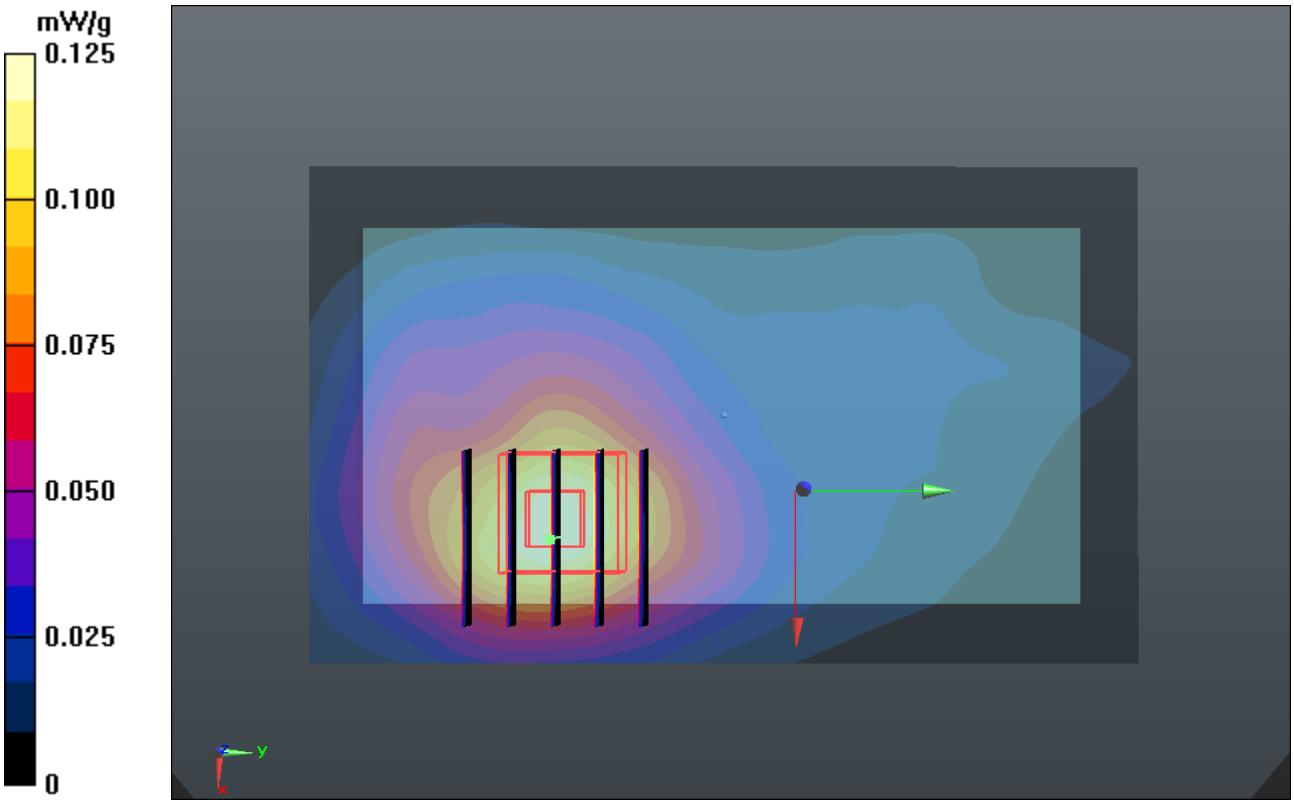
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120120 Medium parameters used: f = 1851.25 MHz; σ = 1.476 mho/m; ε_r = 52.574; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.125 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.830 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.201 W/kg
SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.066 mW/g
Maximum value of SAR (measured) = 0.136 mW/g


mW/g
0.125
0.100
0.075
0.050
0.025
0
y

#11 CDMA2000 BC1_RTAP 153.6_Front_1cm_Ch25

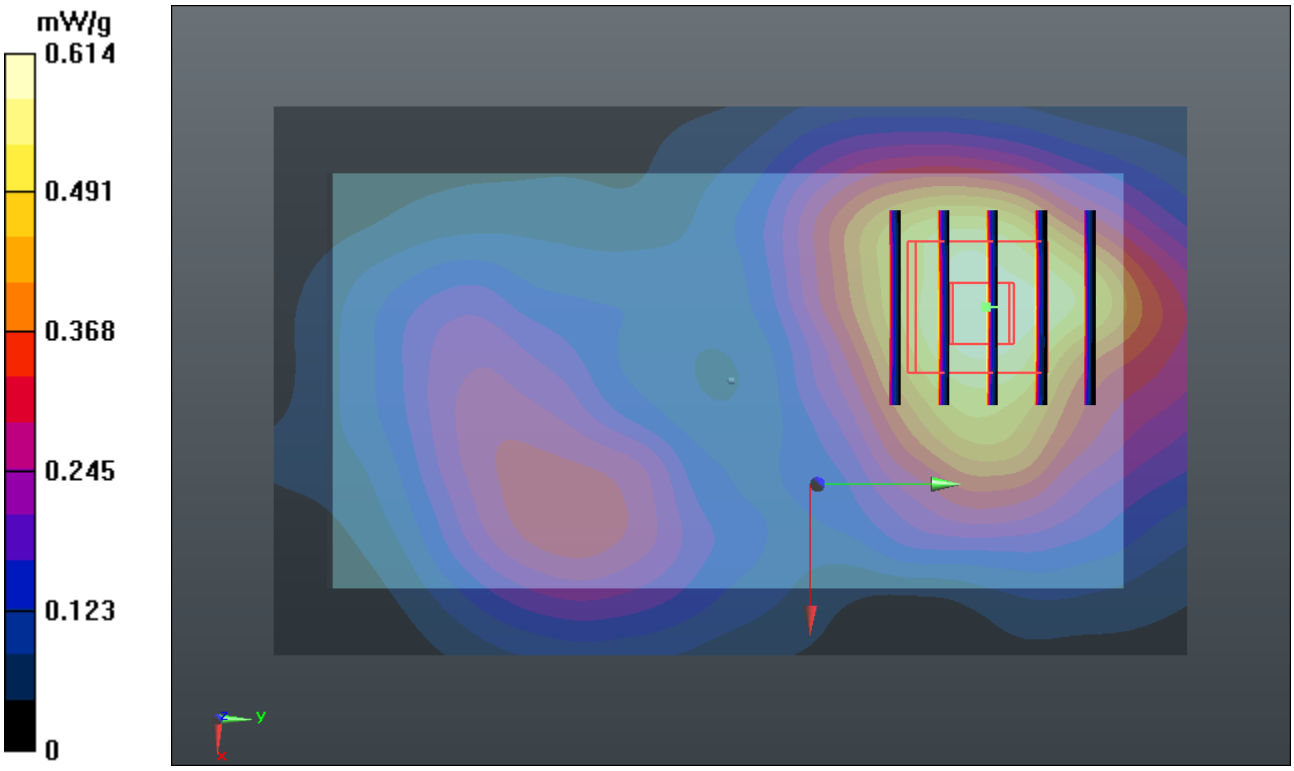
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120104 Medium parameters used: f = 1851.25 MHz; σ = 1.442 mho/m; ε_r = 53.85; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.614 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.790 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.931 W/kg
SAR(1 g) = 0.573 mW/g; SAR(10 g) = 0.357 mW/g
Maximum value of SAR (measured) = 0.611 mW/g


mW/g
0.614
0.491
0.368
0.245
0.123
0
y

#12 CDMA2000 BC1_RTAP 153.6_Back_1cm_Ch25

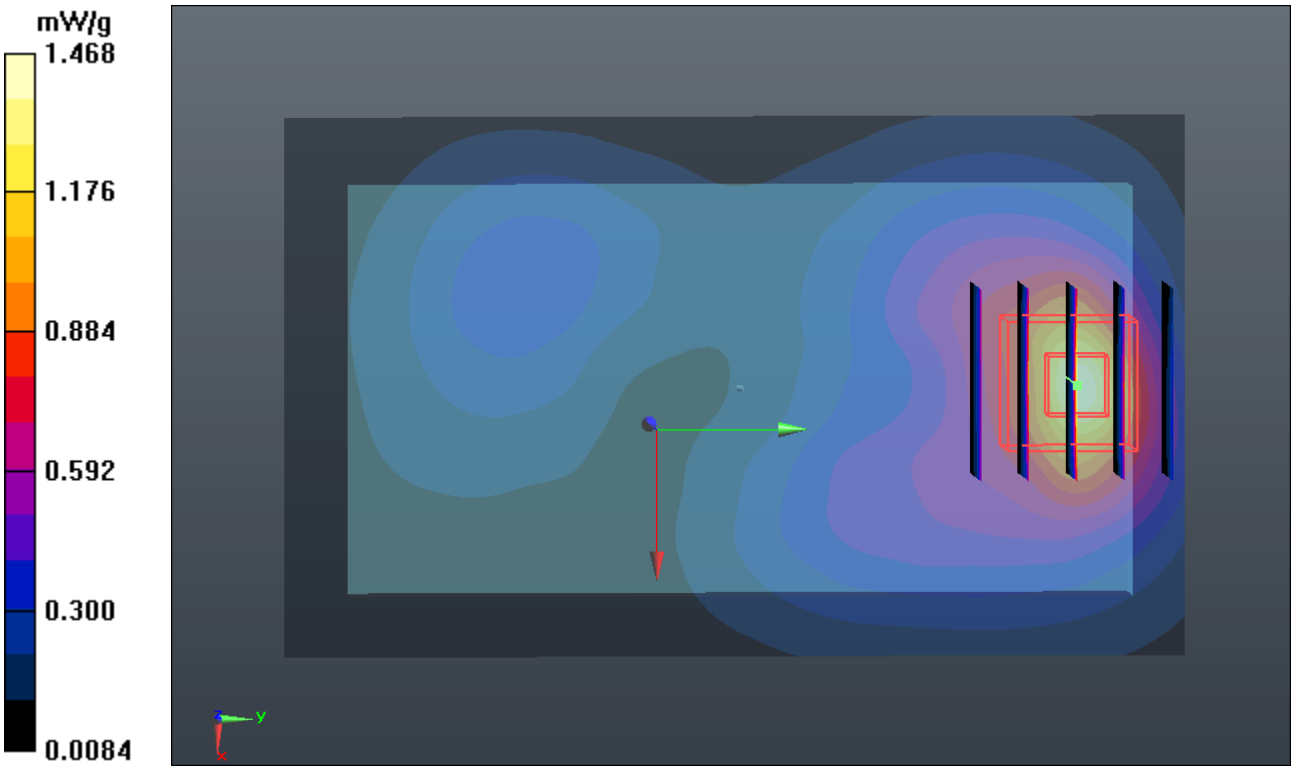
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120104 Medium parameters used: f = 1851.25 MHz; σ = 1.442 mho/m; ε_r = 53.85; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.468 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.209 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.282 W/kg
SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.692 mW/g
Maximum value of SAR (measured) = 1.480 mW/g


mW/g
1.468
1.176
0.884
0.592
0.300
0.0084

#12 CDMA2000 BC1_RTAP 153.6_Back_1cm_Ch25_2D

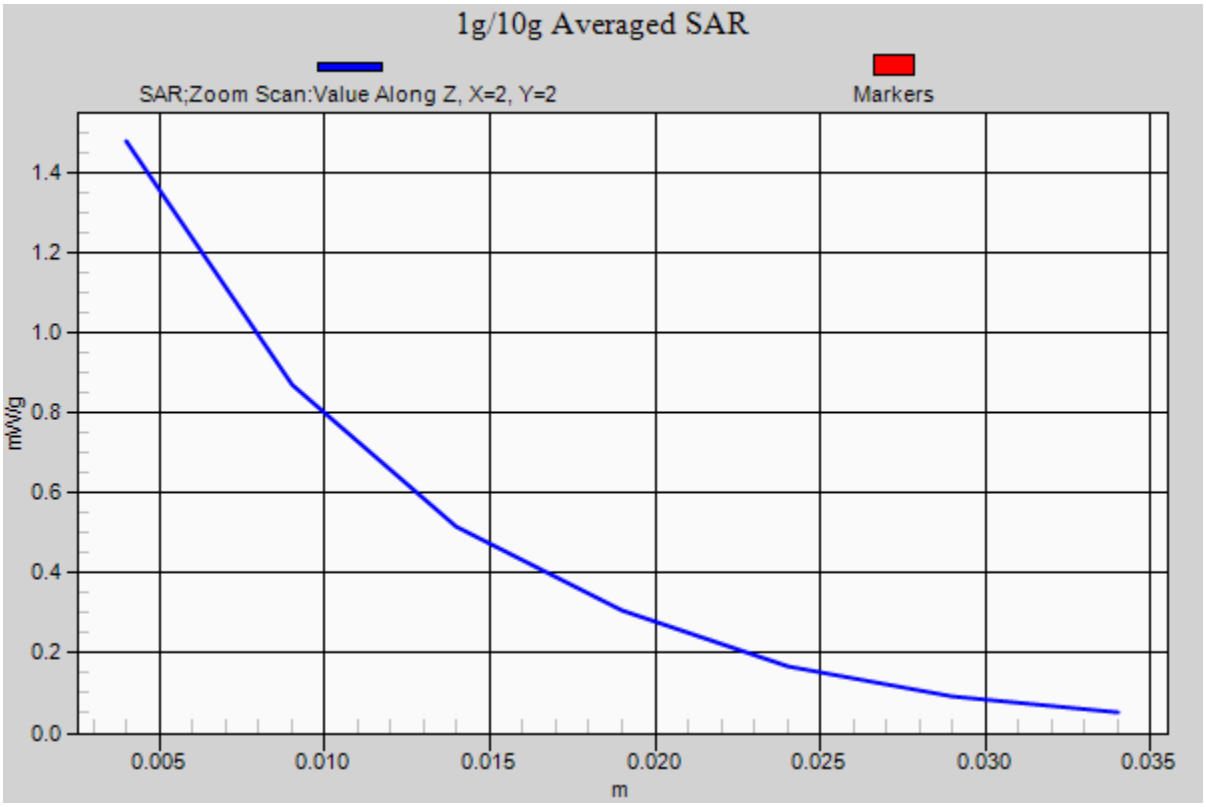
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120104 Medium parameters used: f = 1851.25 MHz; σ = 1.442 mho/m; ε_r = 53.85; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.468 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.209 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.282 W/kg
SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.692 mW/g
Maximum value of SAR (measured) = 1.480 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

#16 CDMA2000 BC1_RTAP 153.6_Back_1cm_Ch600

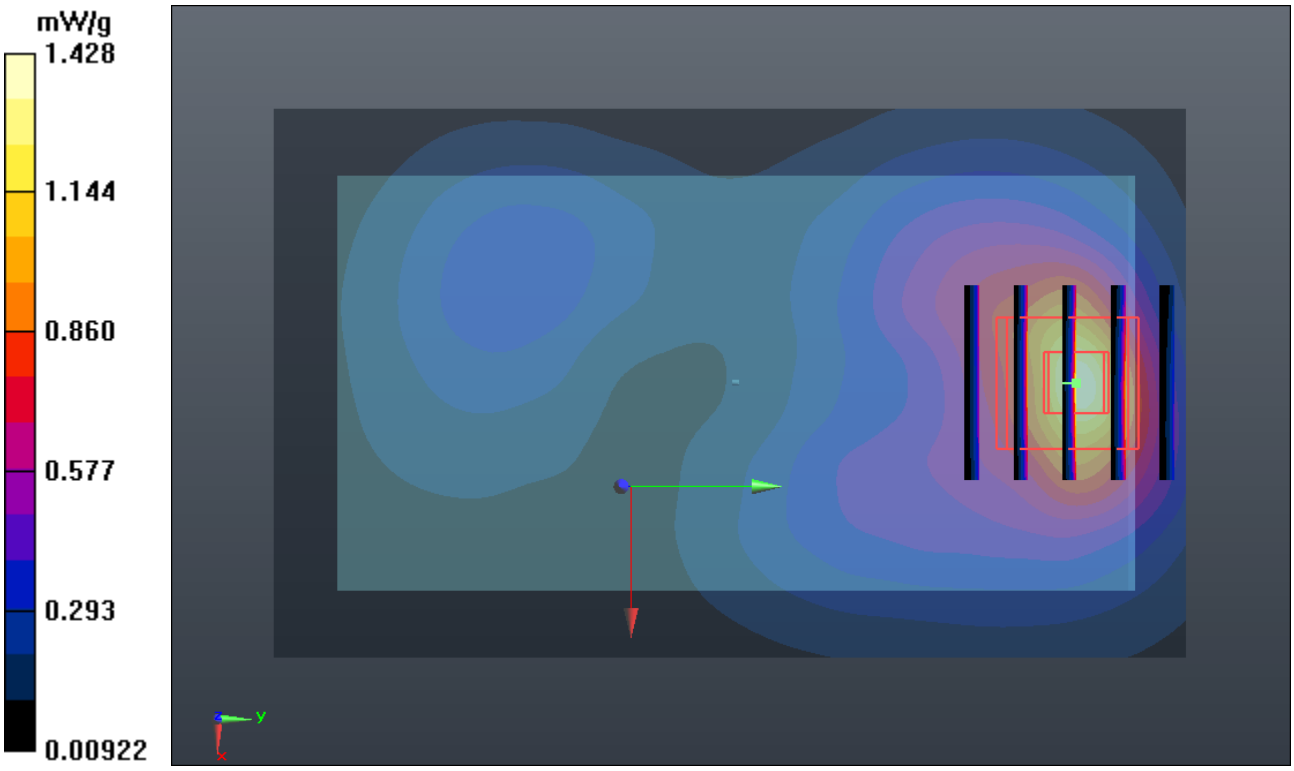
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120104 Medium parameters used: f = 1880 MHz; σ = 1.479 mho/m; ε_r = 53.835; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.428 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.676 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.263 W/kg
SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.677 mW/g
Maximum value of SAR (measured) = 1.457 mW/g


mW/g
1.428
1.144
0.860
0.577
0.293
0.00922
y
x

#17 CDMA2000 BC1_RTAP 153.6_Back_1cm_Ch1175

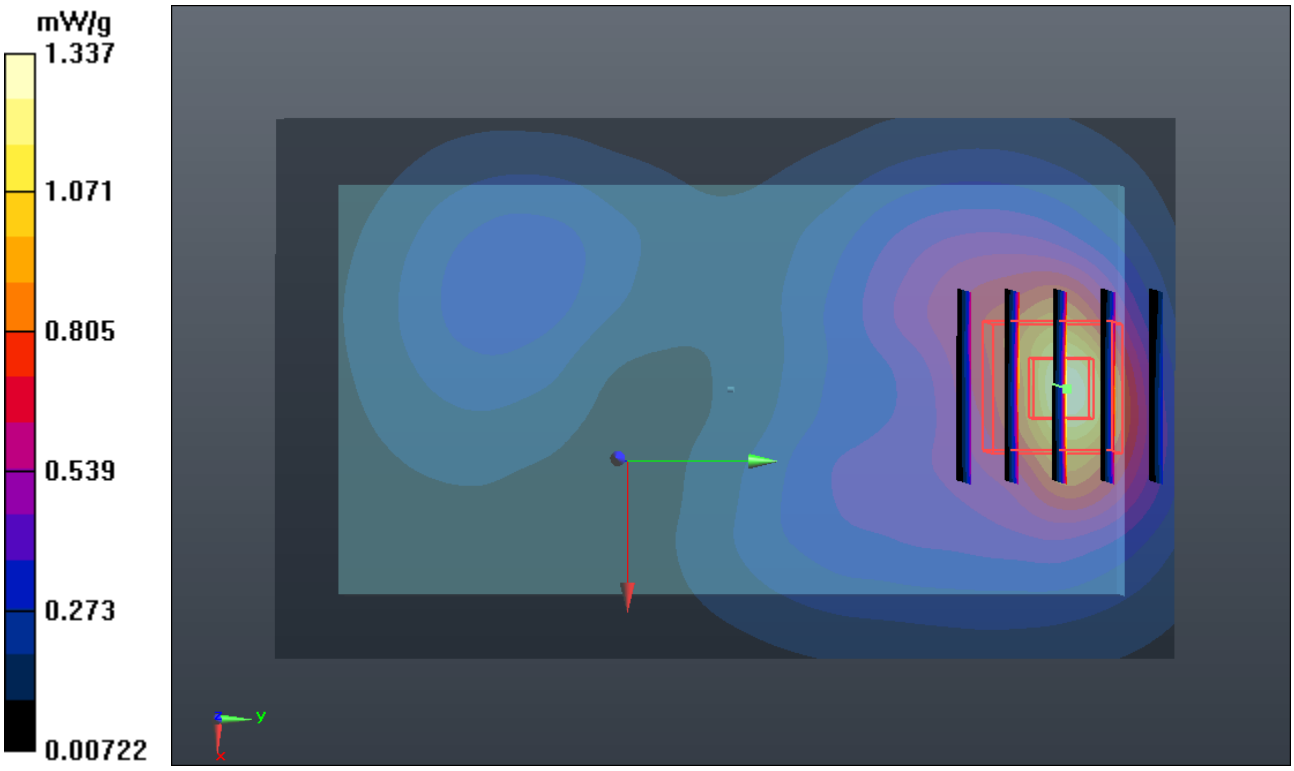
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120104 Medium parameters used: f = 1909 MHz; σ = 1.51 mho/m; ε_r = 53.822; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.337 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.545 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 2.178 W/kg
SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.638 mW/g
Maximum value of SAR (measured) = 1.387 mW/g


mW/g
1.337
1.071
0.805
0.539
0.273
0.00722
y

#18 CDMA2000 BC1_RTAP 153.6_Back_1cm_Ch25_Earphone

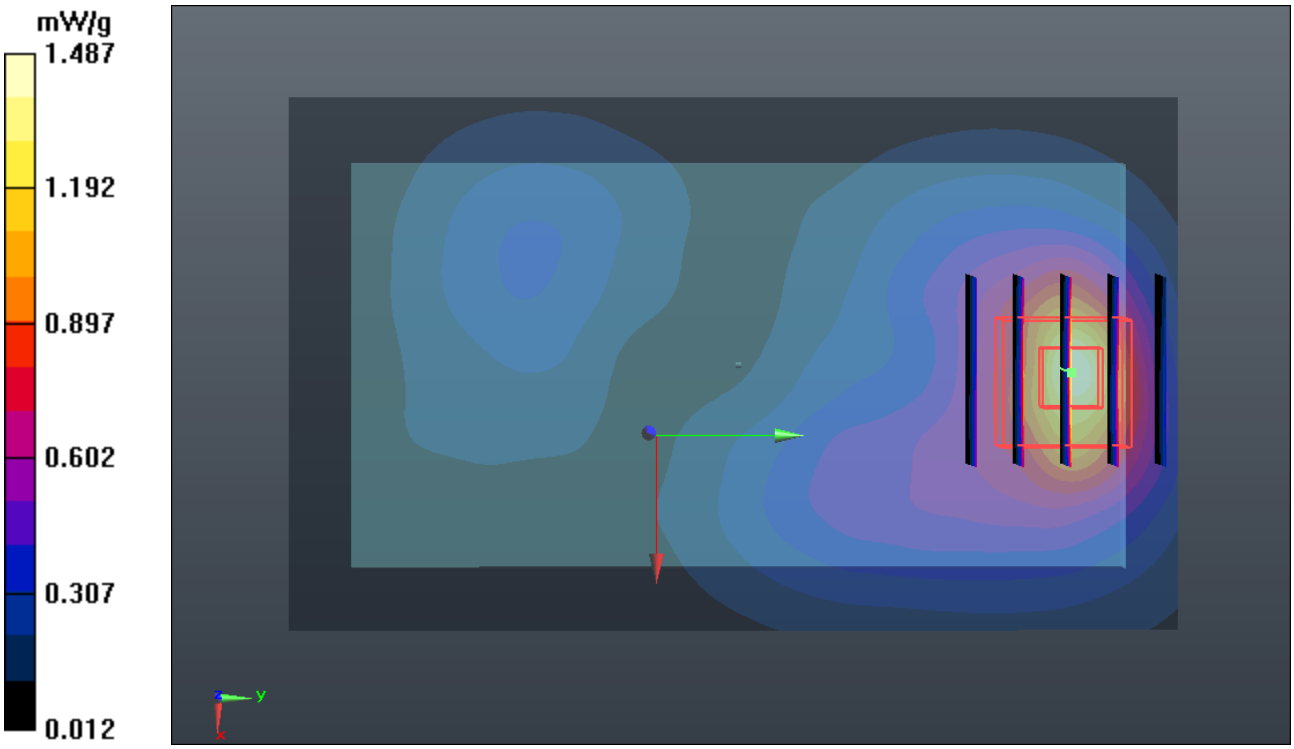
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120104 Medium parameters used: f = 1851.25 MHz; σ = 1.442 mho/m; ε_r = 53.85; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.487 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.239 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 2.316 W/kg
SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.686 mW/g
Maximum value of SAR (measured) = 1.492 mW/g


mW/g
1.487
1.192
0.897
0.602
0.307
0.012
y

#19 CDMA2000 BC1_RTAP 153.6_Back_1cm_Ch600_Earphone

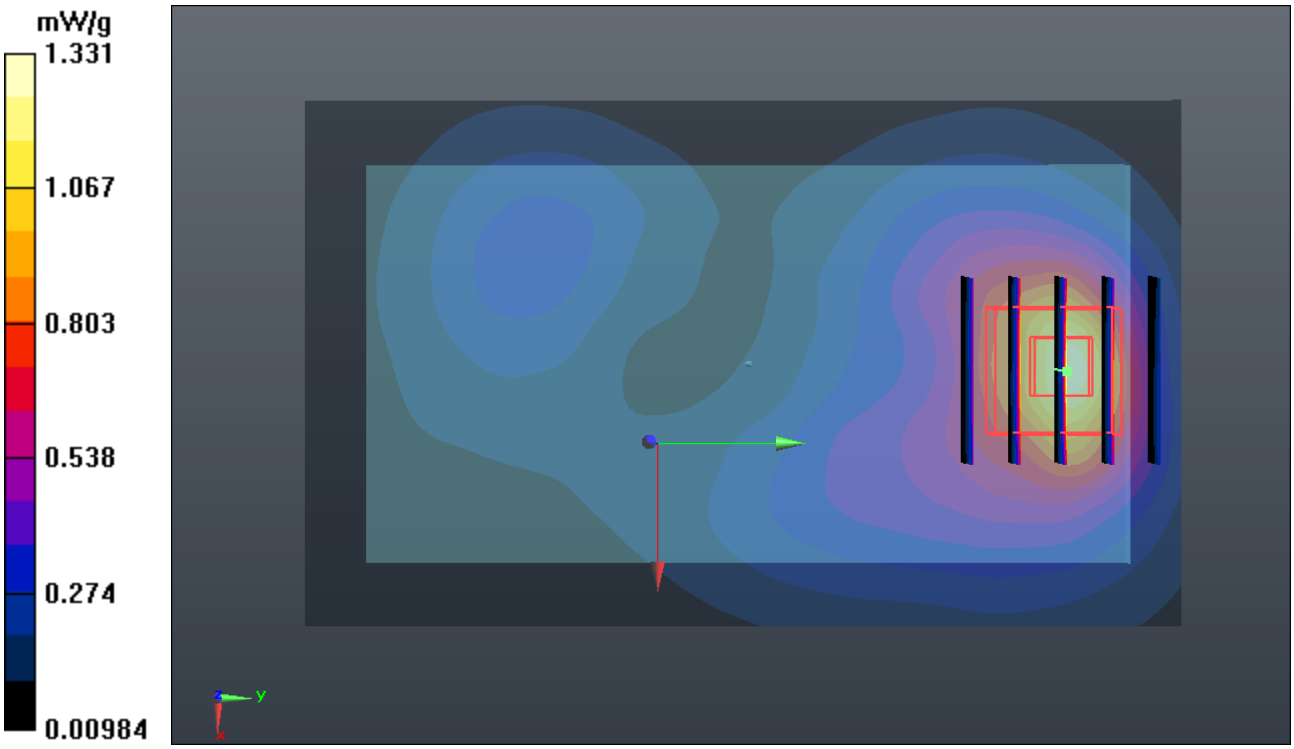
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120104 Medium parameters used: f = 1880 MHz; σ = 1.479 mho/m; ε_r = 53.835; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.331 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.397 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.174 W/kg
SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.646 mW/g
Maximum value of SAR (measured) = 1.393 mW/g


mW/g
1.331
1.067
0.803
0.538
0.274
0.00984
y

#20 CDMA2000 BC1_RTAP 153.6_Back_1cm_Ch1175_Earphone

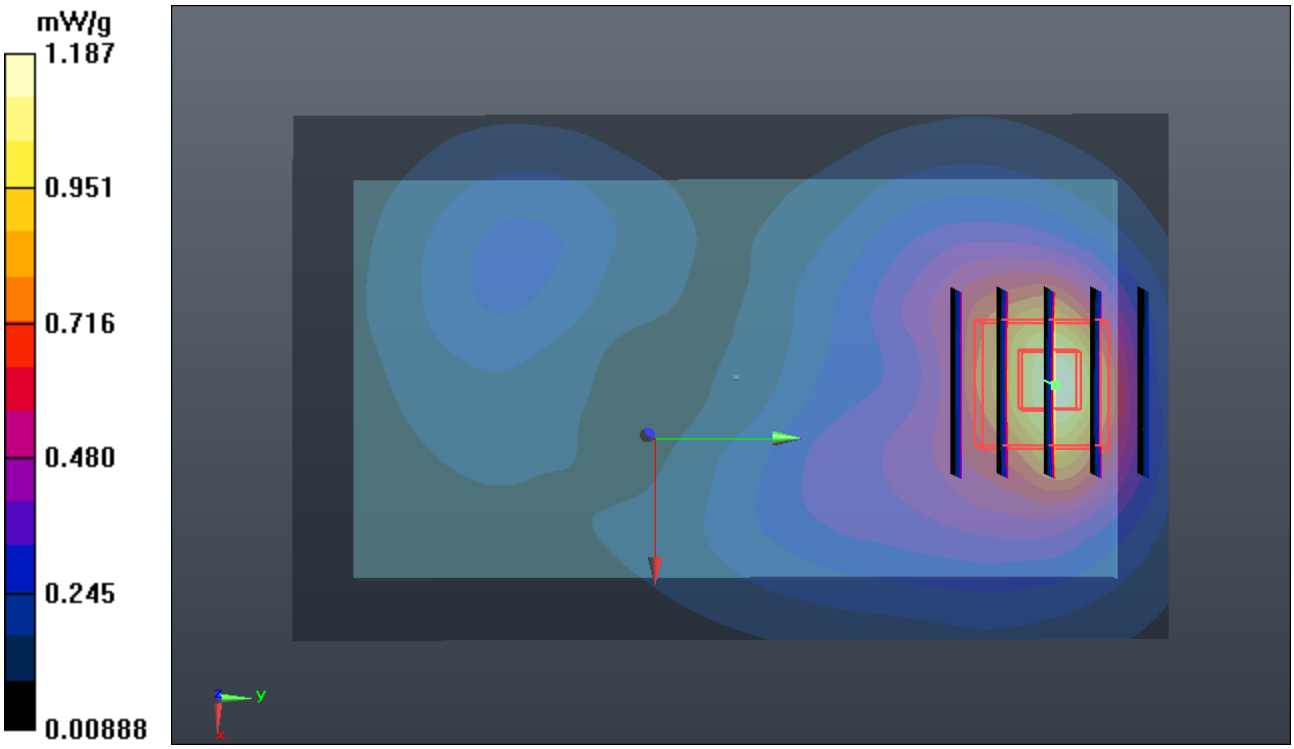
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120104 Medium parameters used: f = 1909 MHz; σ = 1.51 mho/m; ε_r = 53.822; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.187 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.485 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.006 W/kg
SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.584 mW/g
Maximum value of SAR (measured) = 1.266 mW/g


mW/g
1.187
0.951
0.716
0.480
0.245
0.00888
y

#236 CDMA2000 BC1_RTAP 153.6_Back_1cm_Ch25_17

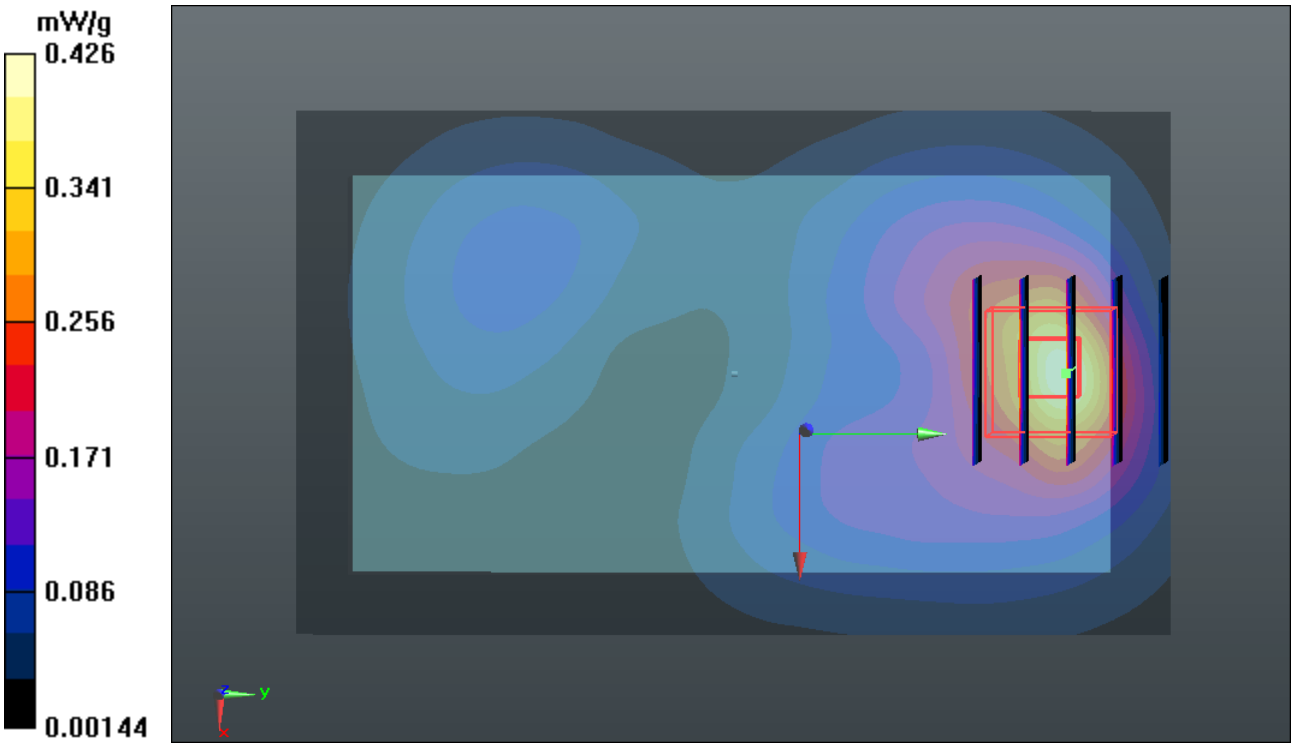
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120120 Medium parameters used: f = 1851.25 MHz; σ = 1.476 mho/m; ε_r = 52.574; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.426 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.978 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.665 W/kg
SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.196 mW/g
Maximum value of SAR (measured) = 0.413 mW/g


mW/g
0.426
0.341
0.256
0.171
0.086
0.00144
y

#237 CDMA2000 BC1_RTAP 153.6_Back_1cm_Ch25_17_Earphone

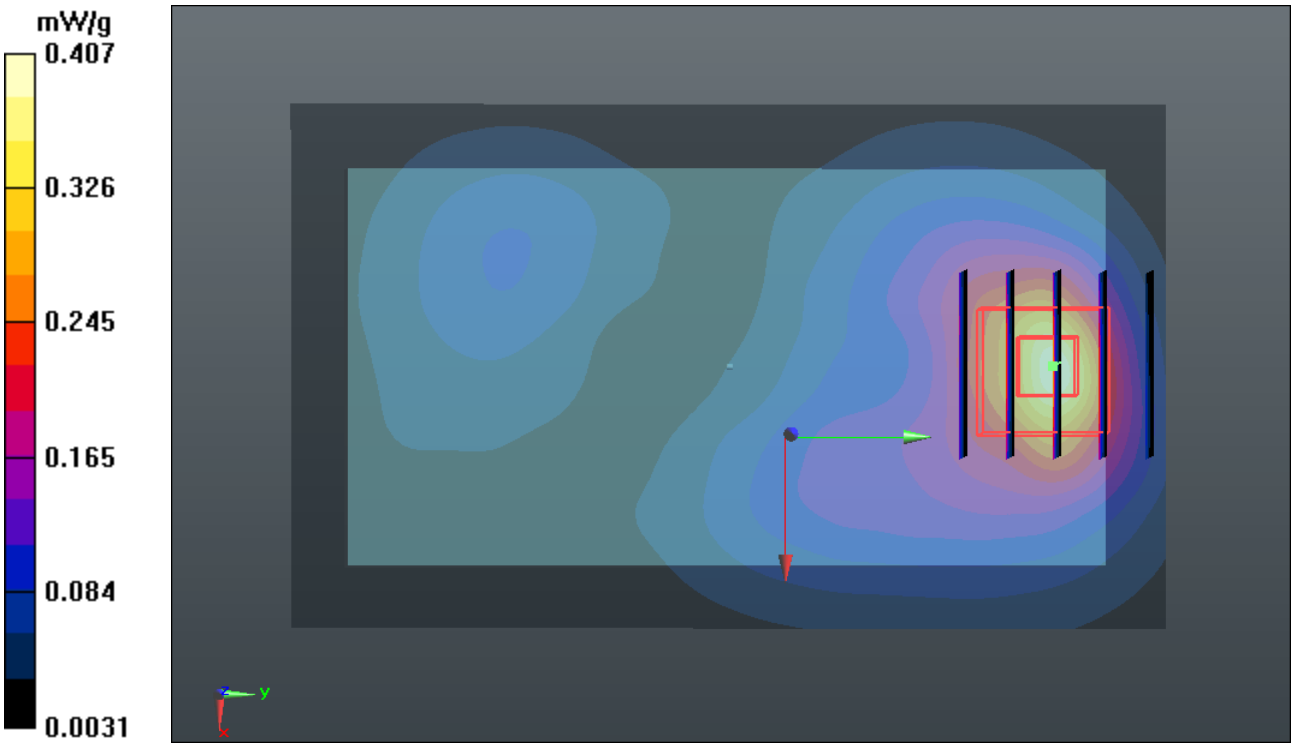
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120120 Medium parameters used: f = 1851.25 MHz; σ = 1.476 mho/m; ε_r = 52.574; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.407 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.718 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.643 W/kg
SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.189 mW/g
Maximum value of SAR (measured) = 0.412 mW/g


mW/g
0.407
0.326
0.245
0.165
0.084
0.0031
y

#254 CDMA2000 BC1_RTAP 153.6_Back_1cm_Ch25_23

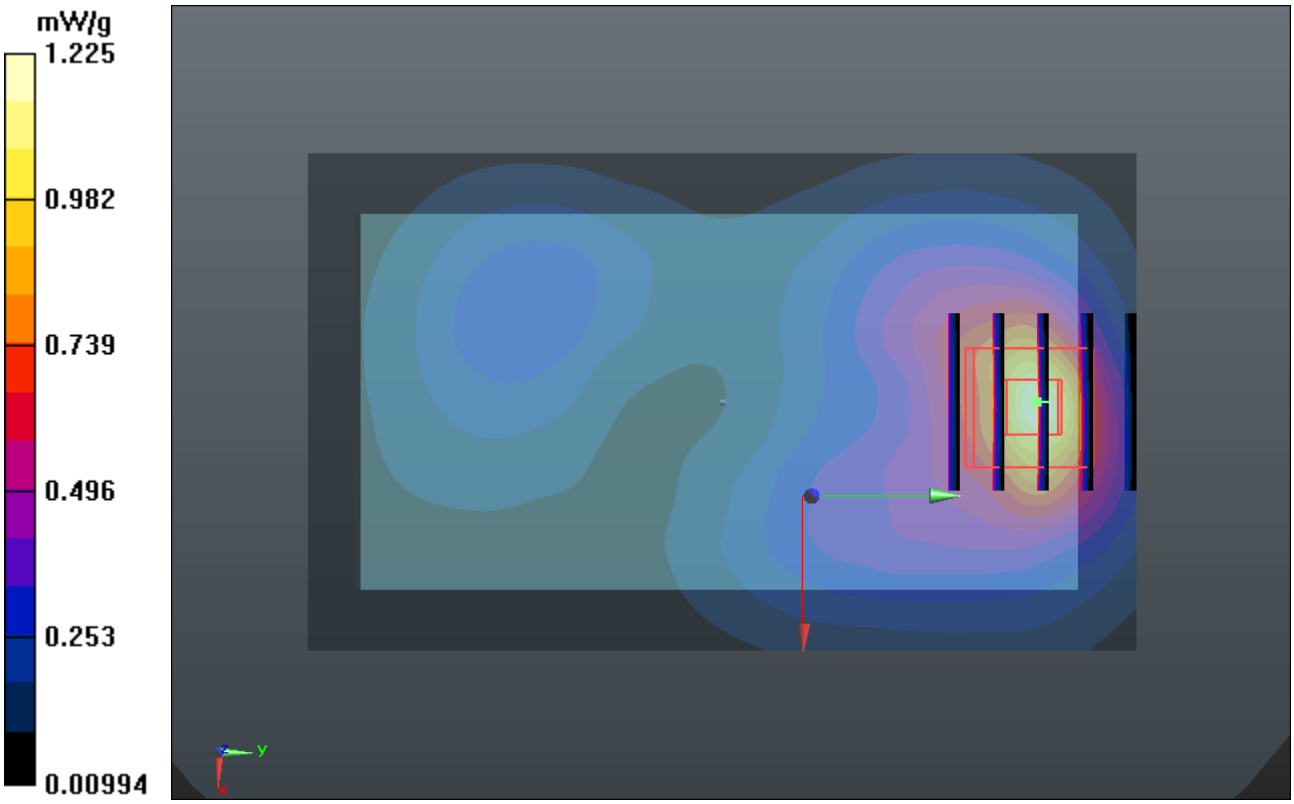
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120206 Medium parameters used: f = 1851.25 MHz; σ = 1.453 mho/m; ε_r = 53.923; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.3 ℃

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

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.225 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.170 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.899 W/kg
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.574 mW/g
Maximum value of SAR (measured) = 1.215 mW/g


mW/g
1.225
0.982
0.739
0.496
0.253
0.00994

#255 CDMA2000 BC1_RTAP 153.6_Back_1cm_Ch25_Earphone_23

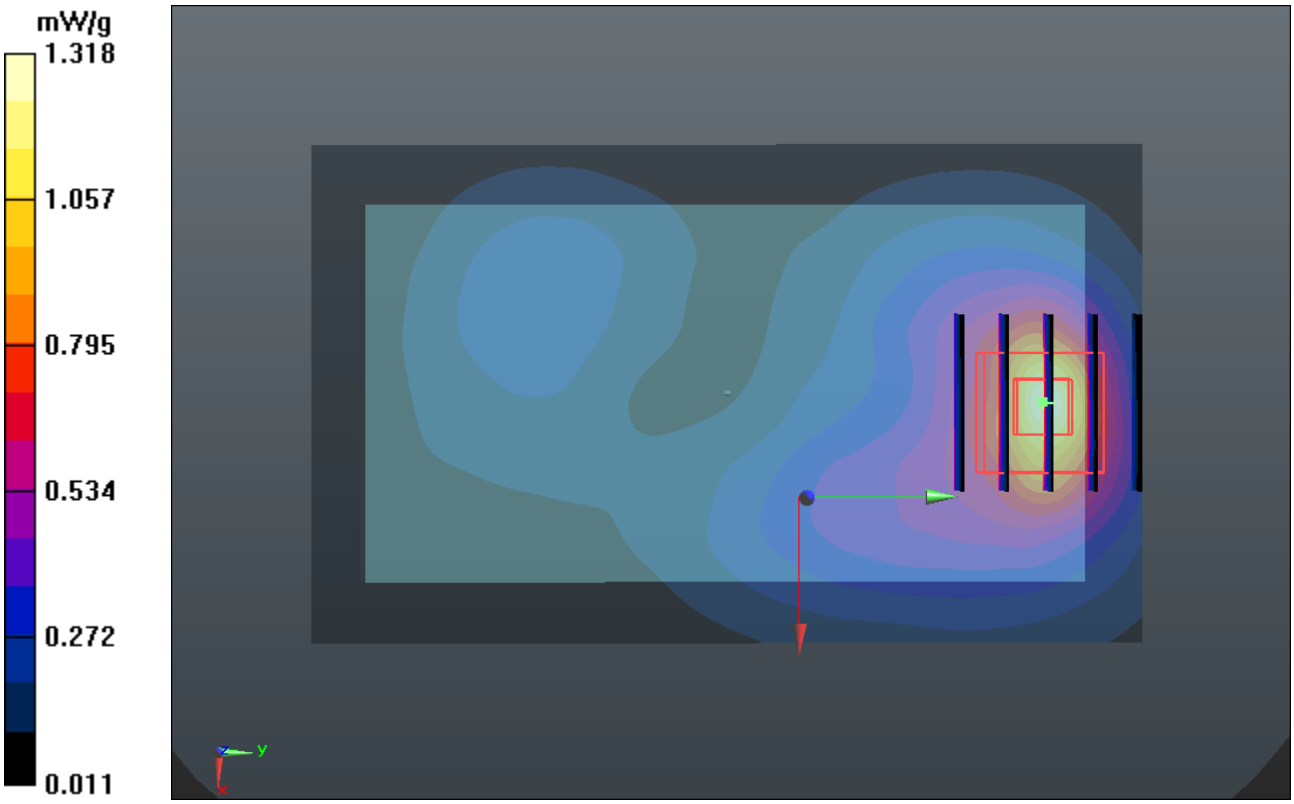
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120206 Medium parameters used: f = 1851.25 MHz; σ = 1.453 mho/m; ε_r = 53.923; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.3 ℃

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

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.318 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.234 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 2.048 W/kg
SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.599 mW/g
Maximum value of SAR (measured) = 1.297 mW/g


mW/g
1.318
1.057
0.795
0.534
0.272
0.011
y

#93 LTE Band IV_QPSK_RB(50 25)_Front_1cm_Ch20175

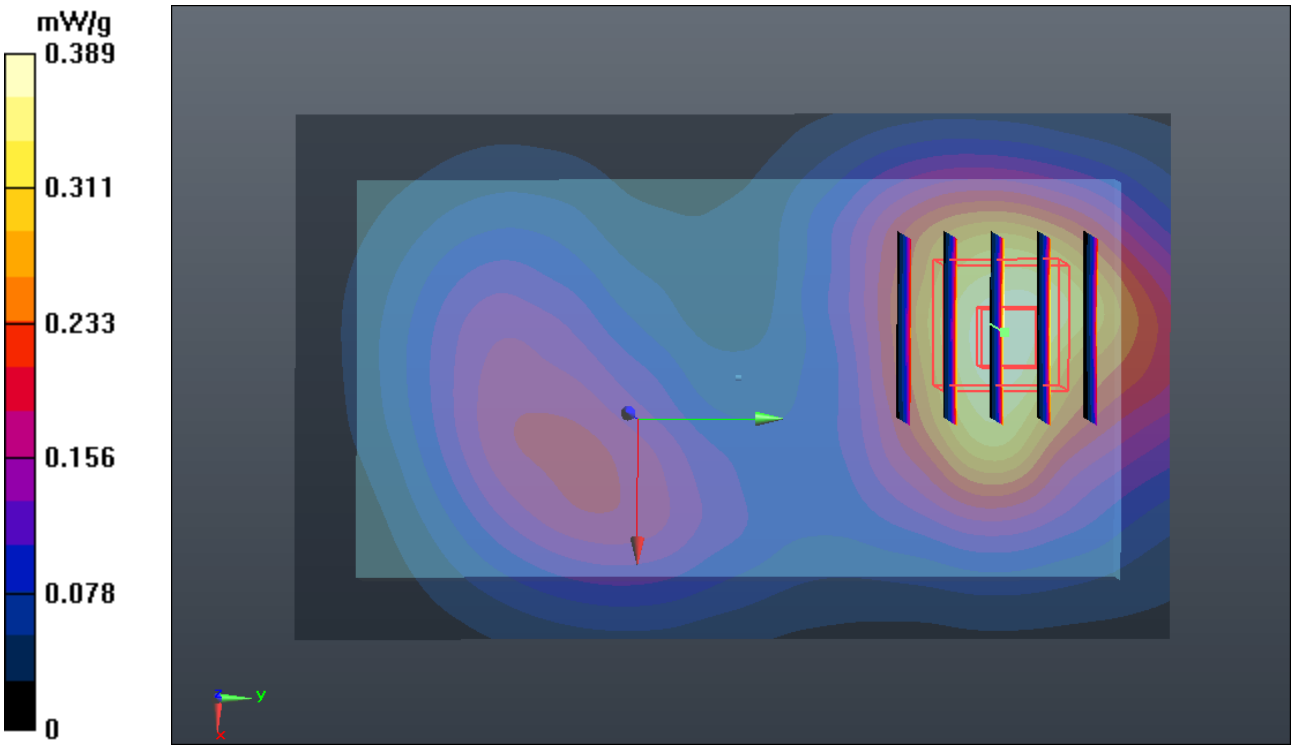
DUT: 1N0701

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120106 Medium parameters used: f = 1732.5 MHz; σ = 1.494 mho/m; ε_r = 55.527; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.389 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.457 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.577 W/kg
SAR(1 g) = 0.363 mW/g; SAR(10 g) = 0.223 mW/g
Maximum value of SAR (measured) = 0.391 mW/g


mW/g
0.389
0.311
0.233
0.156
0.078
0
y

#94 LTE Band IV_QPSK_RB(50 25)_Back_1cm_Ch20175

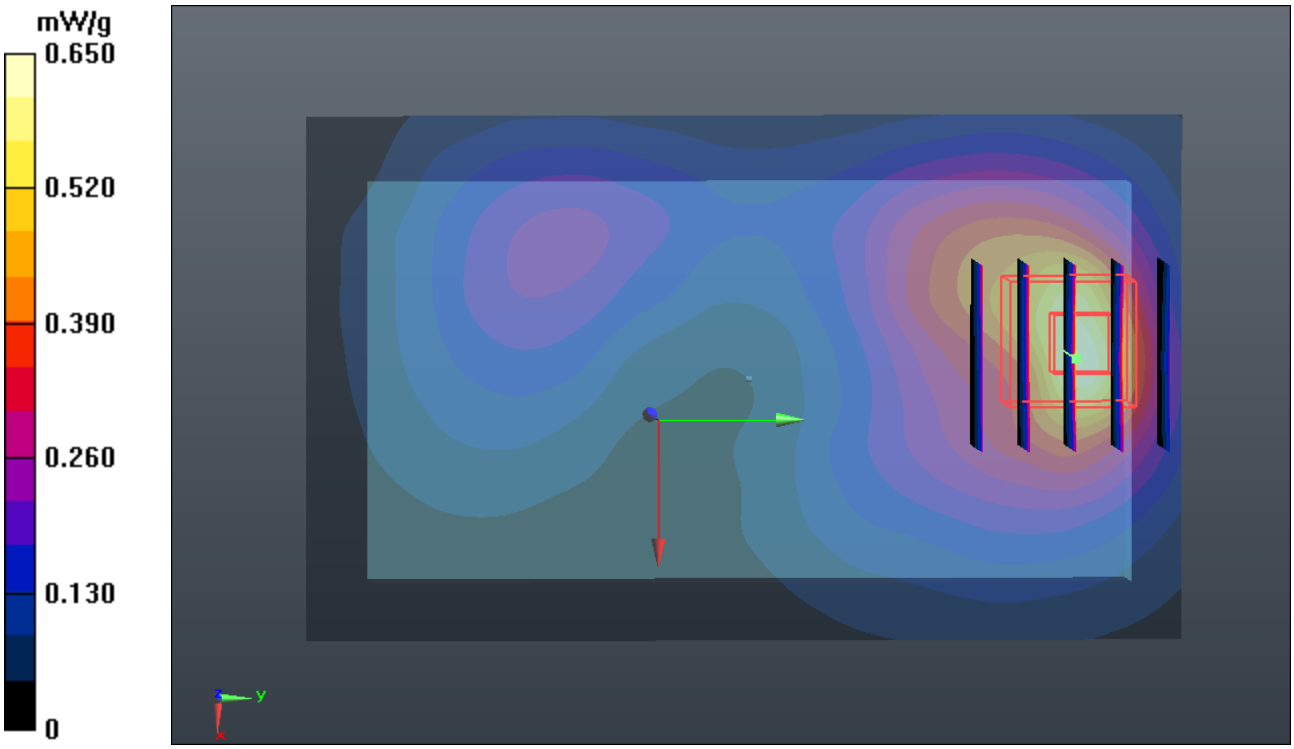
DUT: 1N0701

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120106 Medium parameters used: f = 1732.5 MHz; σ = 1.494 mho/m; ε_r = 55.527; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.650 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.250 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.951 W/kg
SAR(1 g) = 0.570 mW/g; SAR(10 g) = 0.317 mW/g
Maximum value of SAR (measured) = 0.639 mW/g


mW/g
0.650
0.520
0.390
0.260
0.130
0
y

#94 LTE Band IV_QPSK_RB(50 25)_Back_1cm_Ch20175_2D

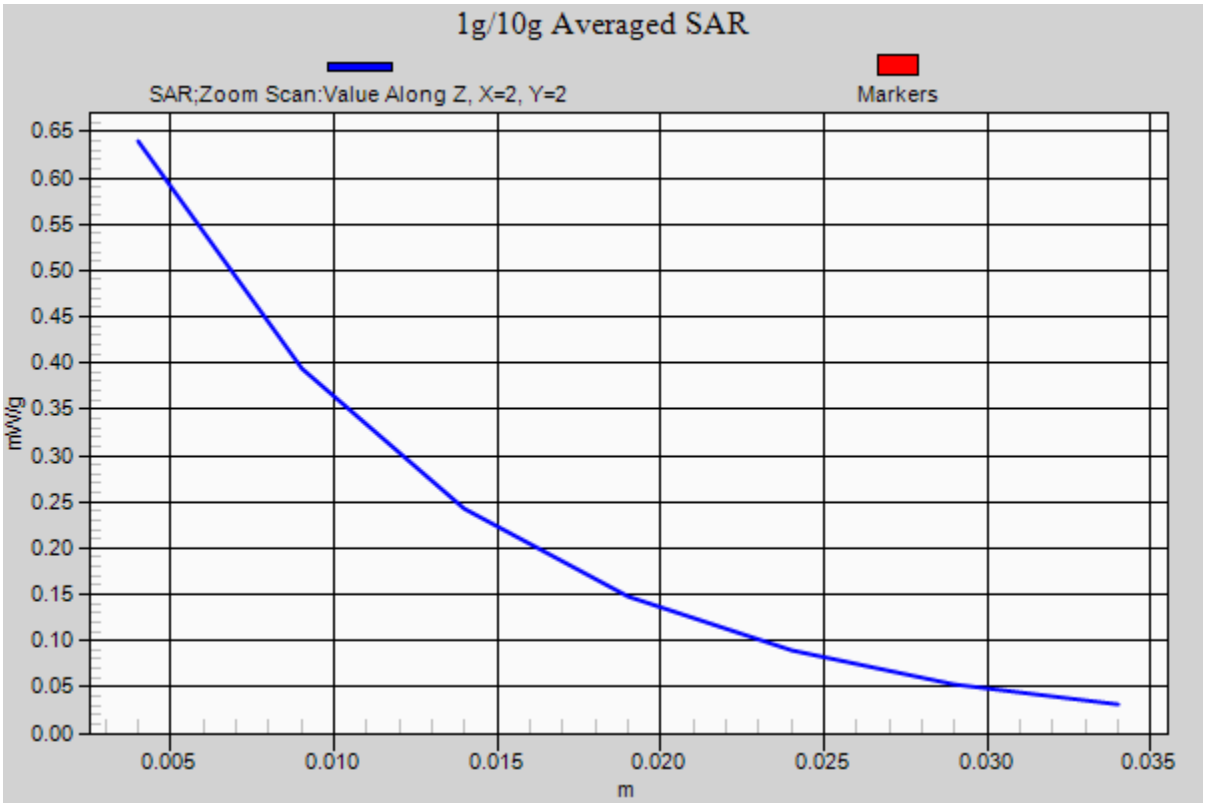
DUT: 1N0701

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120106 Medium parameters used: f = 1732.5 MHz; σ = 1.494 mho/m; ε_r = 55.527; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.650 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.250 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.951 W/kg
SAR(1 g) = 0.570 mW/g; SAR(10 g) = 0.317 mW/g
Maximum value of SAR (measured) = 0.639 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#98 LTE Band IV_QPSK_RB(50 25)_Back_1cm_Ch20175_Earphone

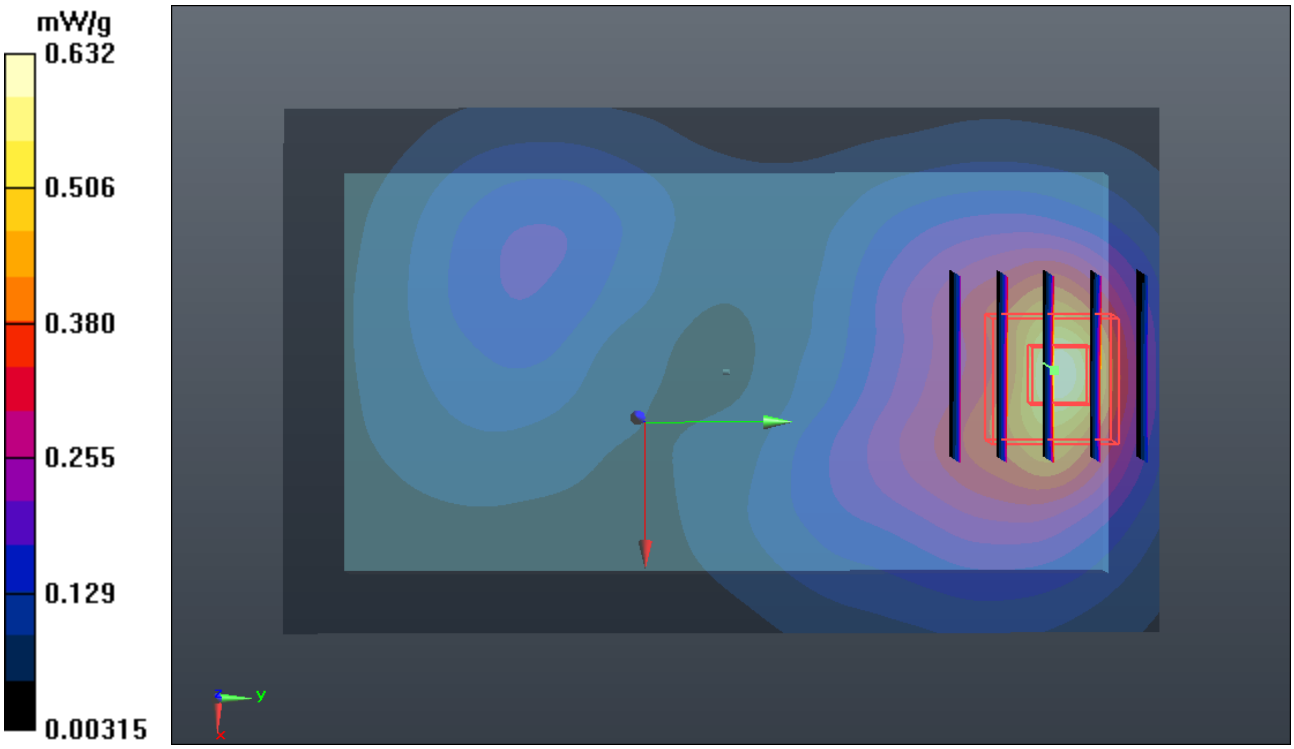
DUT: 1N0701

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120106 Medium parameters used: f = 1732.5 MHz; σ = 1.494 mho/m; ε_r = 55.527; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.632 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.038 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.897 W/kg
SAR(1 g) = 0.540 mW/g; SAR(10 g) = 0.299 mW/g
Maximum value of SAR (measured) = 0.611 mW/g


mW/g
0.632
0.506
0.380
0.255
0.129
0.00315
y

#99 LTE Band IV_QPSK_RB(1 0)_Front_1cm_Ch20175

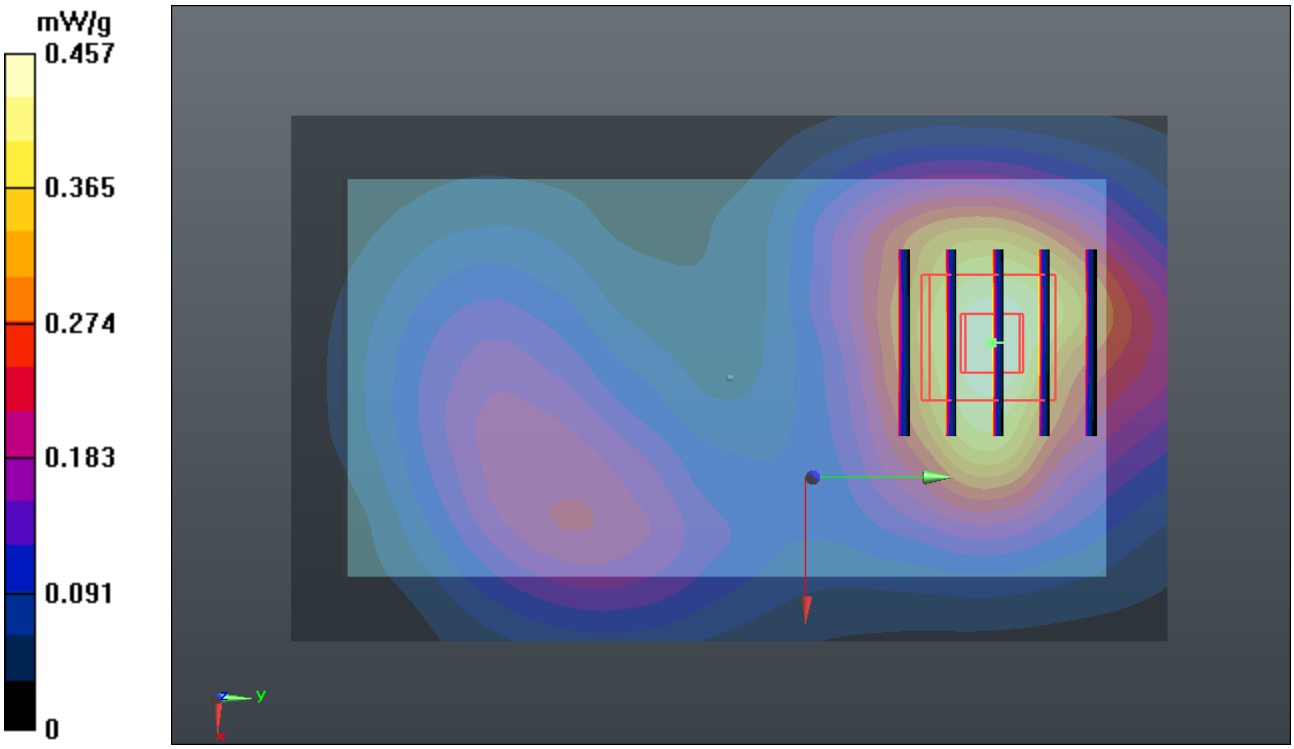
DUT: 1N0701

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120107 Medium parameters used: f = 1732.5 MHz; σ = 1.483 mho/m; ε_r = 51.051; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.457 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.523 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.660 W/kg
SAR(1 g) = 0.413 mW/g; SAR(10 g) = 0.254 mW/g
Maximum value of SAR (measured) = 0.450 mW/g


mW/g
0.457
0.365
0.274
0.183
0.091
0
y

#100 LTE Band IV_QPSK_RB(1 0)_Back_1cm_Ch20175

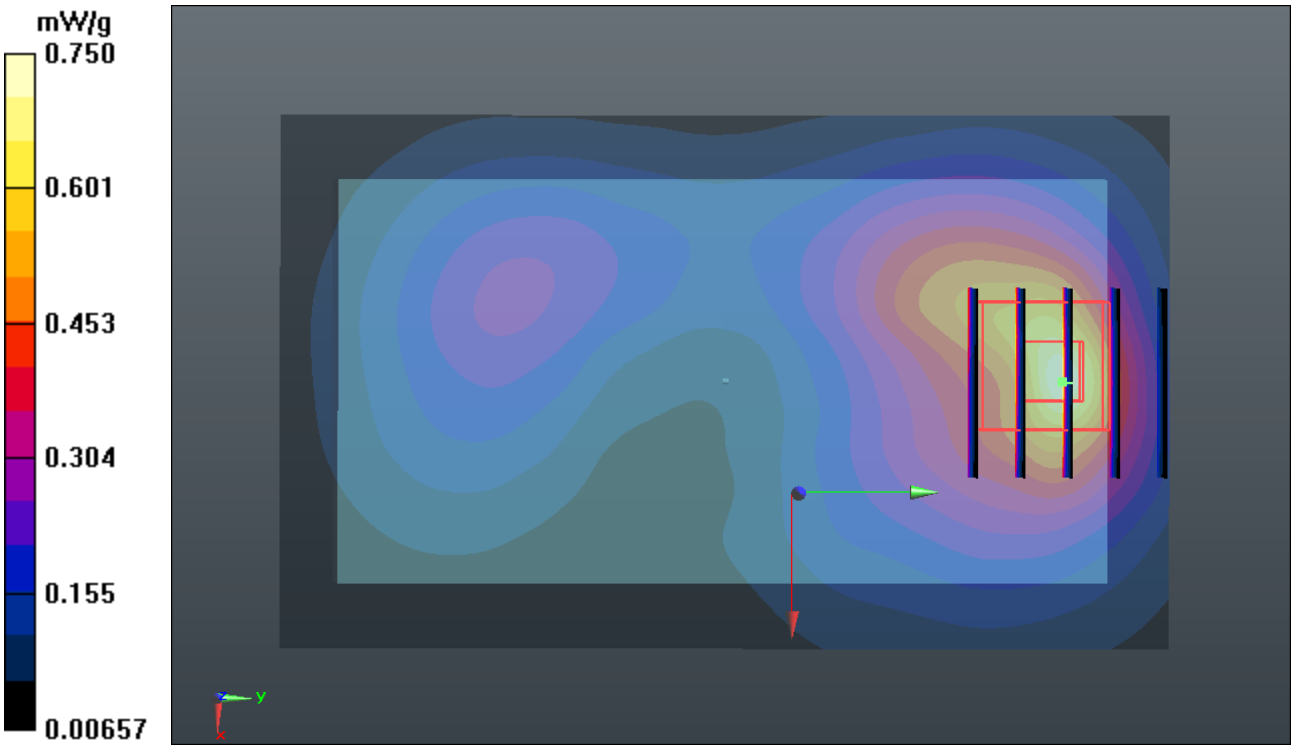
DUT: 1N0701

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120107 Medium parameters used: f = 1732.5 MHz; σ = 1.483 mho/m; ε_r = 51.051; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.750 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.867 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.110 W/kg
SAR(1 g) = 0.655 mW/g; SAR(10 g) = 0.368 mW/g
Maximum value of SAR (measured) = 0.736 mW/g


mW/g
0.750
0.601
0.453
0.304
0.155
0.00657
y

#104 LTE Band IV_QPSK_RB(1 0)_Back_1cm_Ch20175_Earphone

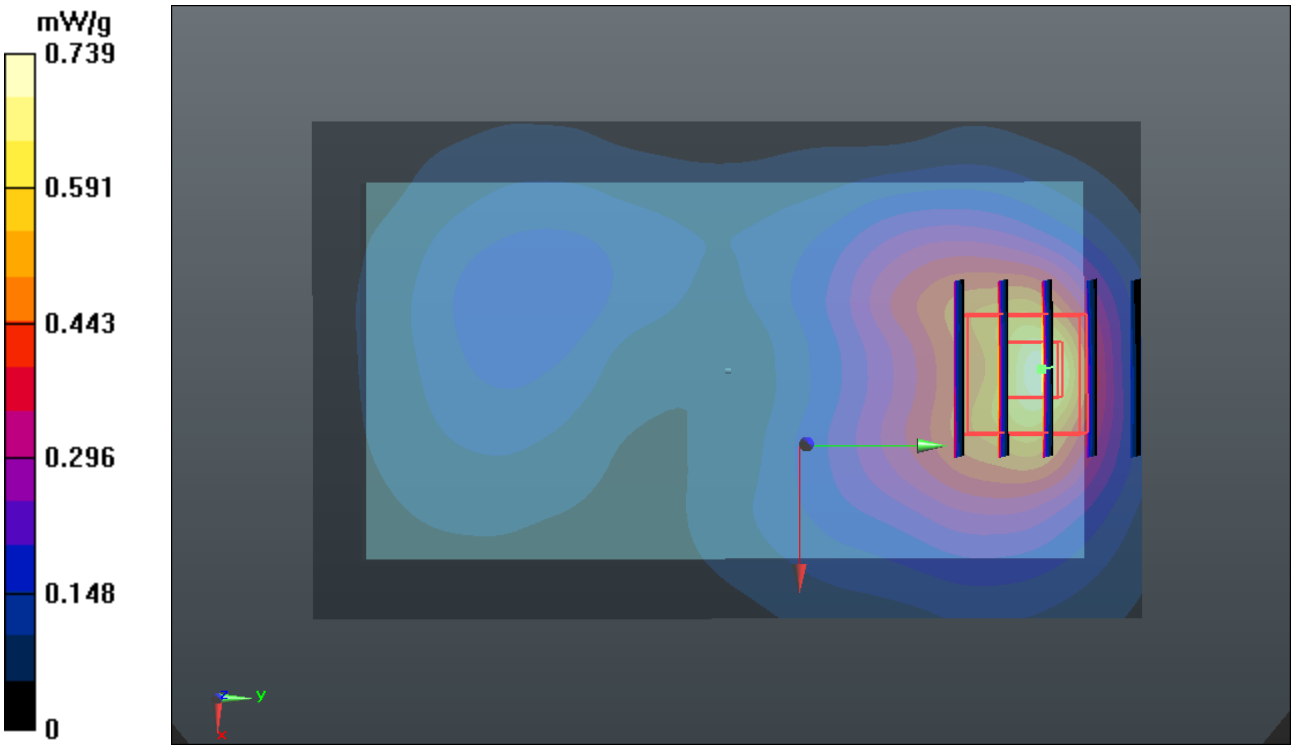
DUT: 1N0701

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120107 Medium parameters used: f = 1732.5 MHz; σ = 1.483 mho/m; ε_r = 51.051; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.739 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.444 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.116 W/kg
SAR(1 g) = 0.664 mW/g; SAR(10 g) = 0.369 mW/g
Maximum value of SAR (measured) = 0.746 mW/g


mW/g
0.739
0.591
0.443
0.296
0.148
0
y

#104 LTE Band IV_QPSK_RB(1 0)_Back_1cm_Ch20175_Earphone_2D

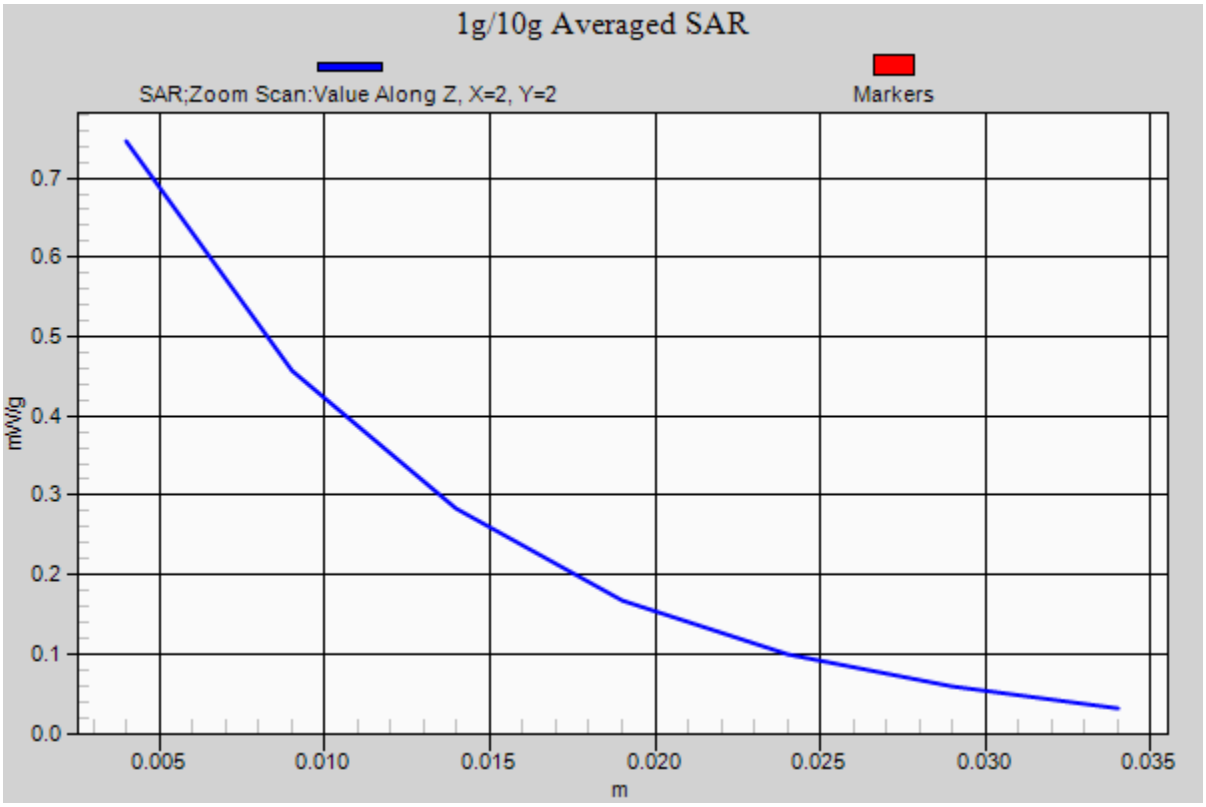
DUT: 1N0701

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120107 Medium parameters used: f = 1732.5 MHz; σ = 1.483 mho/m; ε_r = 51.051; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.739 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.444 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.116 W/kg
SAR(1 g) = 0.664 mW/g; SAR(10 g) = 0.369 mW/g
Maximum value of SAR (measured) = 0.746 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

#105 LTE Band IV_QPSK_RB(1 99)_Front_1cm_Ch20175

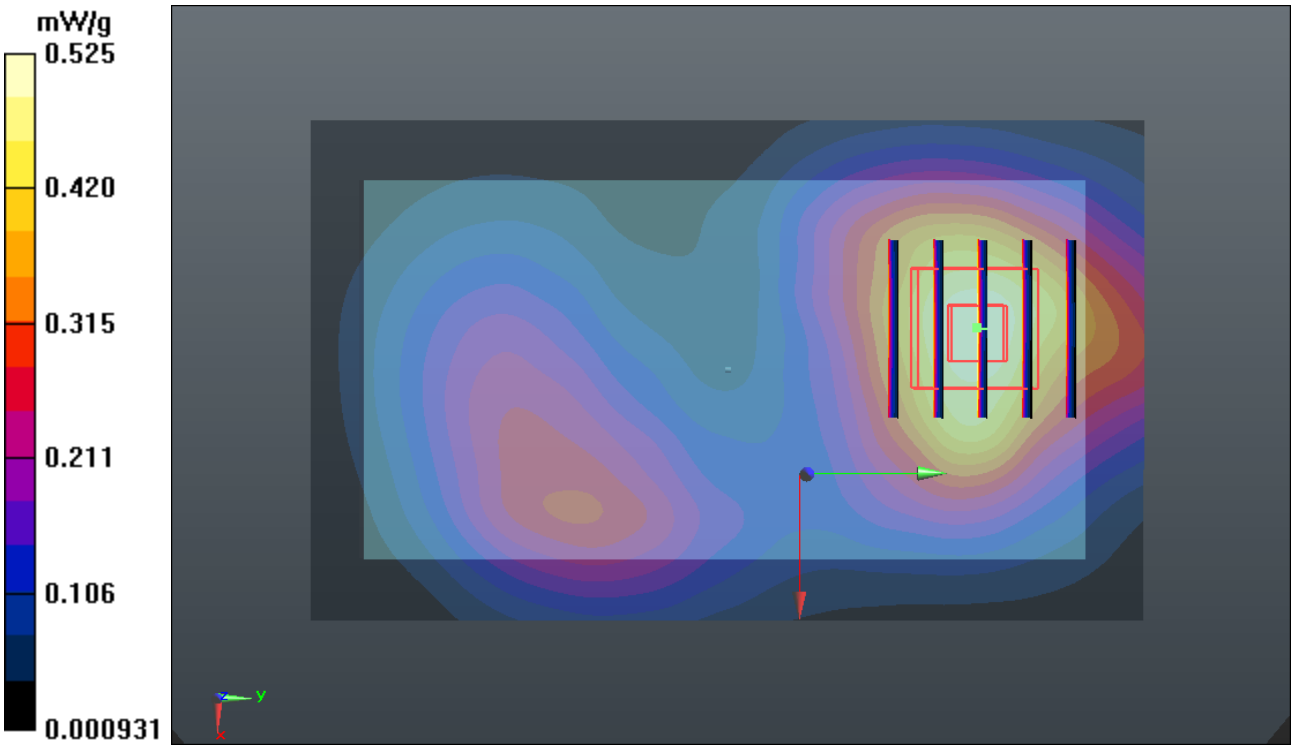
DUT: 1N0701

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120107 Medium parameters used: f = 1732.5 MHz; σ = 1.483 mho/m; ε_r = 51.051; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.525 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.922 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.760 W/kg
SAR(1 g) = 0.481 mW/g; SAR(10 g) = 0.298 mW/g
Maximum value of SAR (measured) = 0.520 mW/g


mW/g
0.525
0.420
0.315
0.211
0.106
0.000931
y

#106 LTE Band IV_QPSK_RB(1 99)_Back_1cm_Ch20175

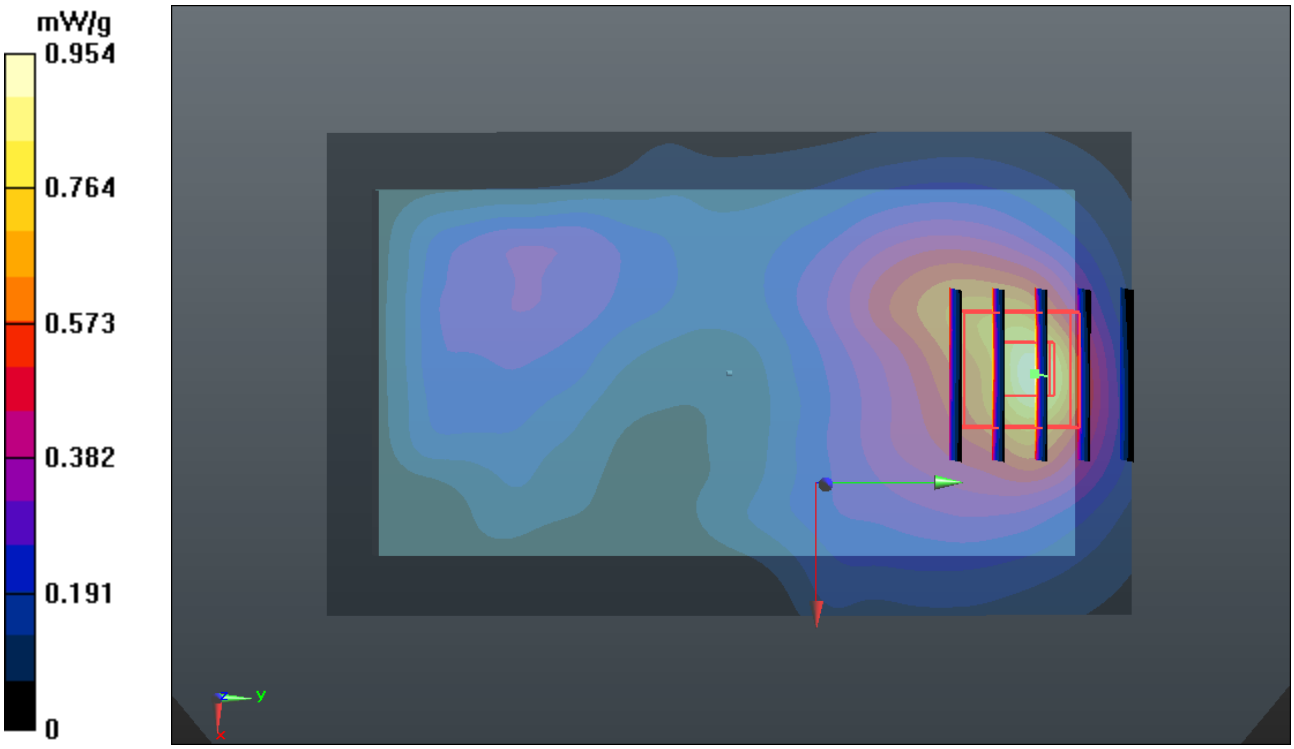
DUT: 1N0701

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120107 Medium parameters used: f = 1732.5 MHz; σ = 1.483 mho/m; ε_r = 51.051; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.954 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.986 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.468 W/kg
SAR(1 g) = 0.872 mW/g; SAR(10 g) = 0.481 mW/g
Maximum value of SAR (measured) = 0.984 mW/g


mW/g
0.954
0.764
0.573
0.382
0.191
0
y

#106 LTE Band IV_QPSK_RB(1 99)_Back_1cm_Ch20175_2D

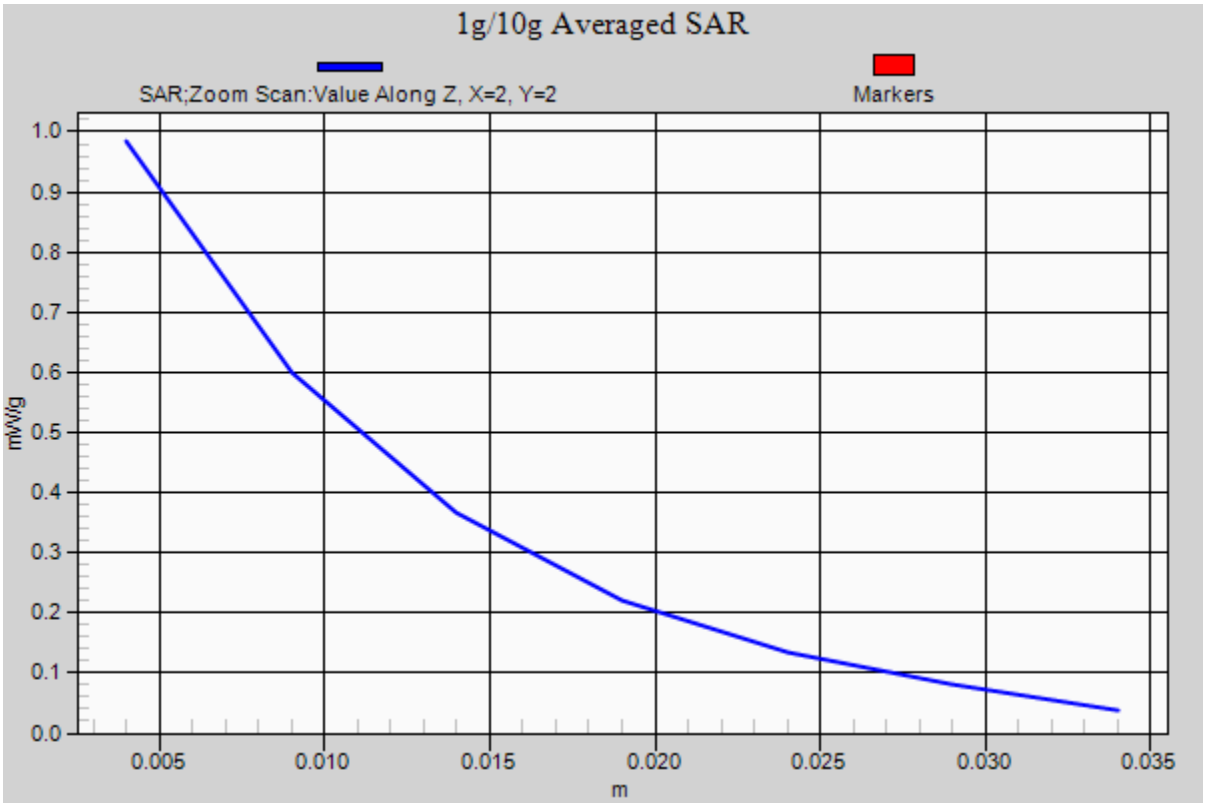
DUT: 1N0701

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120107 Medium parameters used: f = 1732.5 MHz; σ = 1.483 mho/m; ε_r = 51.051; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.954 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.986 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.468 W/kg
SAR(1 g) = 0.872 mW/g; SAR(10 g) = 0.481 mW/g
Maximum value of SAR (measured) = 0.984 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

#110 LTE Band IV_QPSK_RB(1 99)_Back_1cm_Ch20175_Earphone

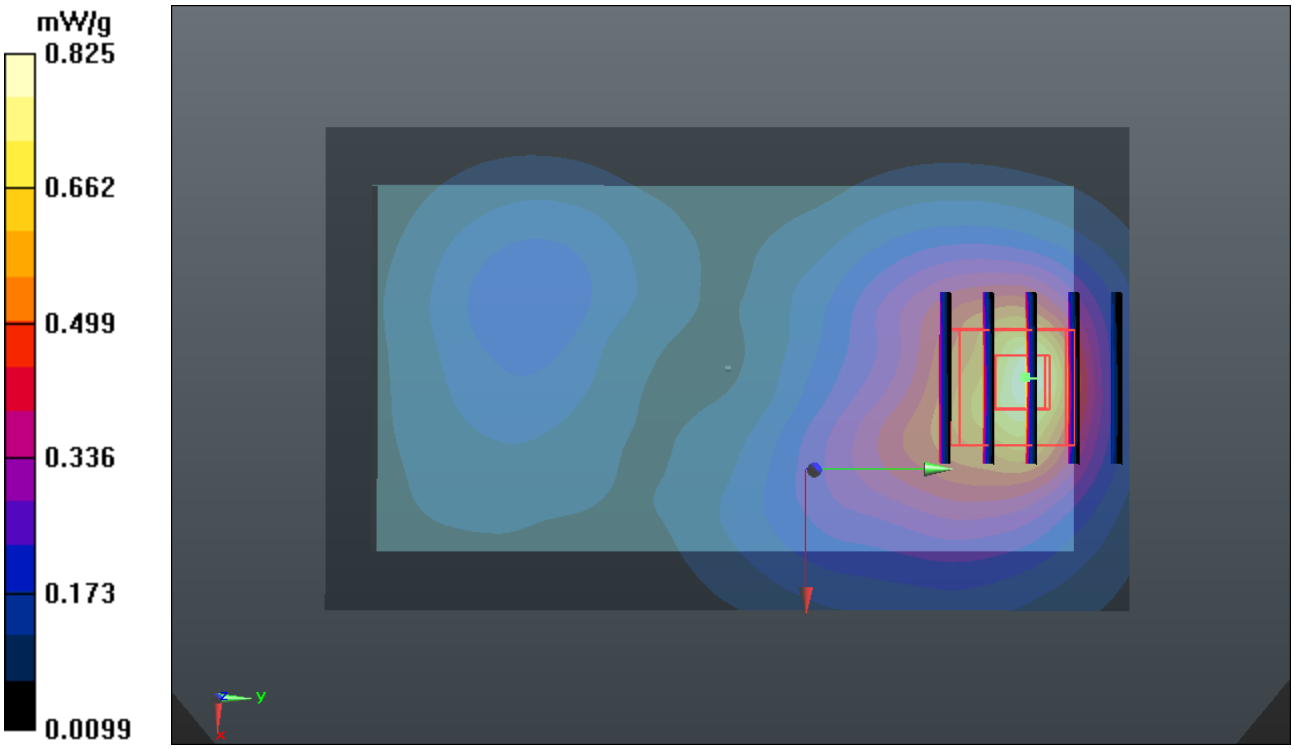
DUT: 1N0701

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120107 Medium parameters used: f = 1732.5 MHz; σ = 1.483 mho/m; ε_r = 51.051; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.825 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.424 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.314 W/kg
SAR(1 g) = 0.763 mW/g; SAR(10 g) = 0.419 mW/g
Maximum value of SAR (measured) = 0.864 mW/g


mW/g
0.825
0.662
0.499
0.336
0.173
0.0099
y

#112 LTE Band IV_16QAM_RB(50 25)_Front_1cm_Ch20175

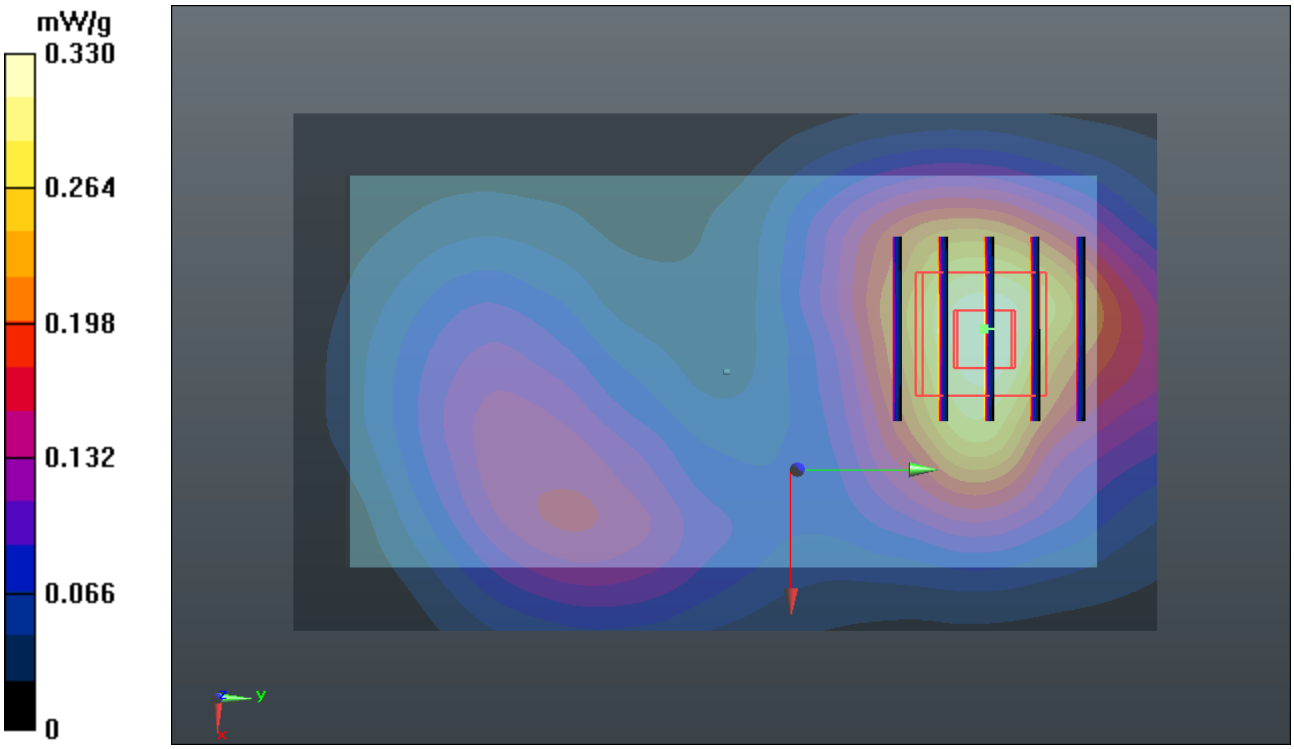
DUT: 1N0701

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120107 Medium parameters used: f = 1732.5 MHz; σ = 1.483 mho/m; ε_r = 51.051; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.330 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.133 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.480 W/kg
SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.184 mW/g
Maximum value of SAR (measured) = 0.324 mW/g


mW/g
0.330
0.264
0.198
0.132
0.066
0
y

#113 LTE Band IV_16QAM_RB(50 25)_Back_1cm_Ch20175

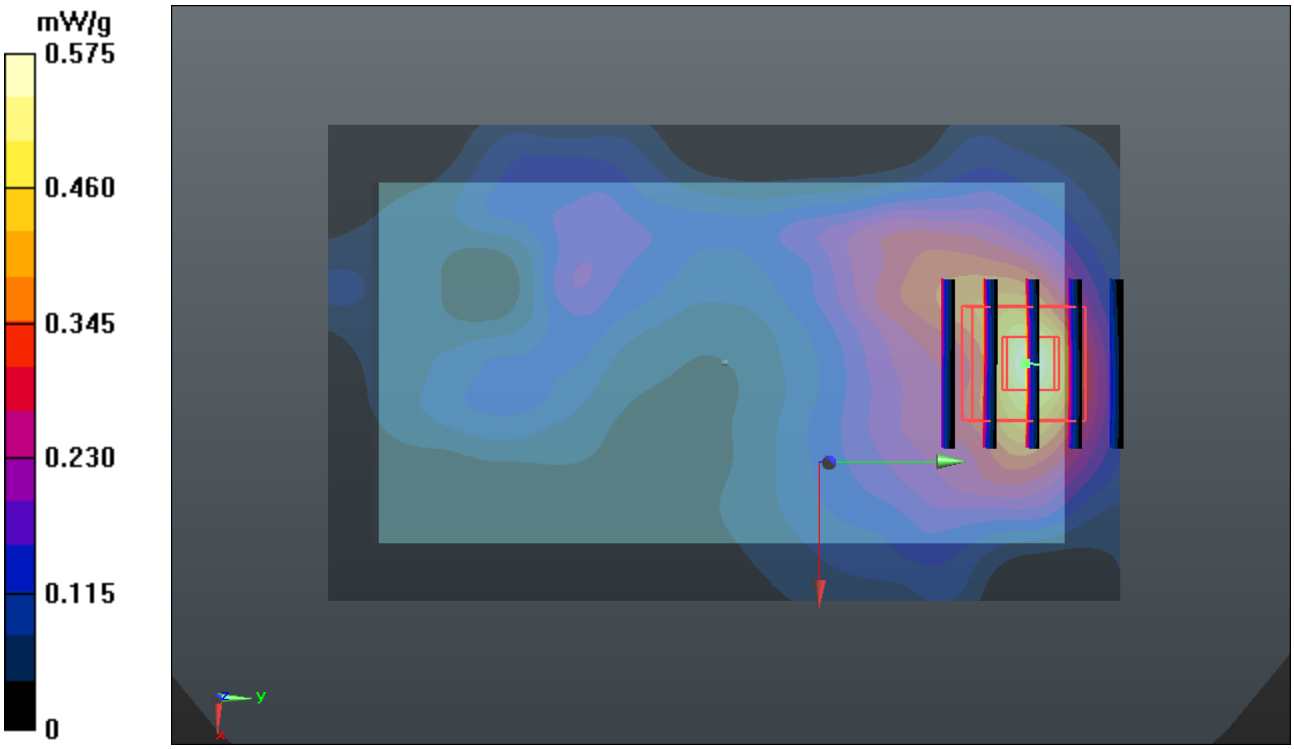
DUT: 1N0701

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120107 Medium parameters used: f = 1732.5 MHz; σ = 1.483 mho/m; ε_r = 51.051; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.575 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.205 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.810 W/kg
SAR(1 g) = 0.480 mW/g; SAR(10 g) = 0.267 mW/g
Maximum value of SAR (measured) = 0.546 mW/g


mW/g
0.575
0.460
0.345
0.230
0.115
0
y

#113 LTE Band IV_16QAM_RB(50 25)_Back_1cm_Ch20175_2D

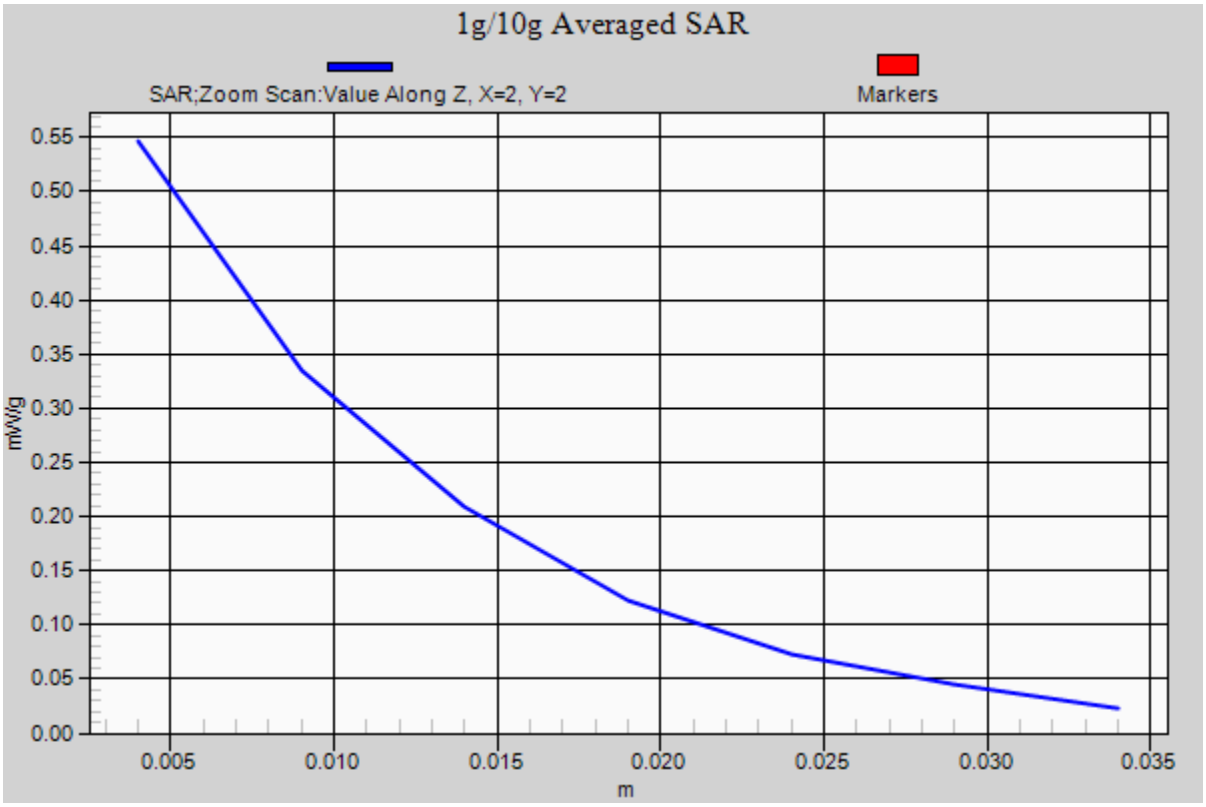
DUT: 1N0701

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120107 Medium parameters used: f = 1732.5 MHz; σ = 1.483 mho/m; ε_r = 51.051; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.575 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.205 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.810 W/kg
SAR(1 g) = 0.480 mW/g; SAR(10 g) = 0.267 mW/g
Maximum value of SAR (measured) = 0.546 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

#117 LTE Band IV_16QAM_RB(50 25)_Back_1cm_Ch20175_Earphone

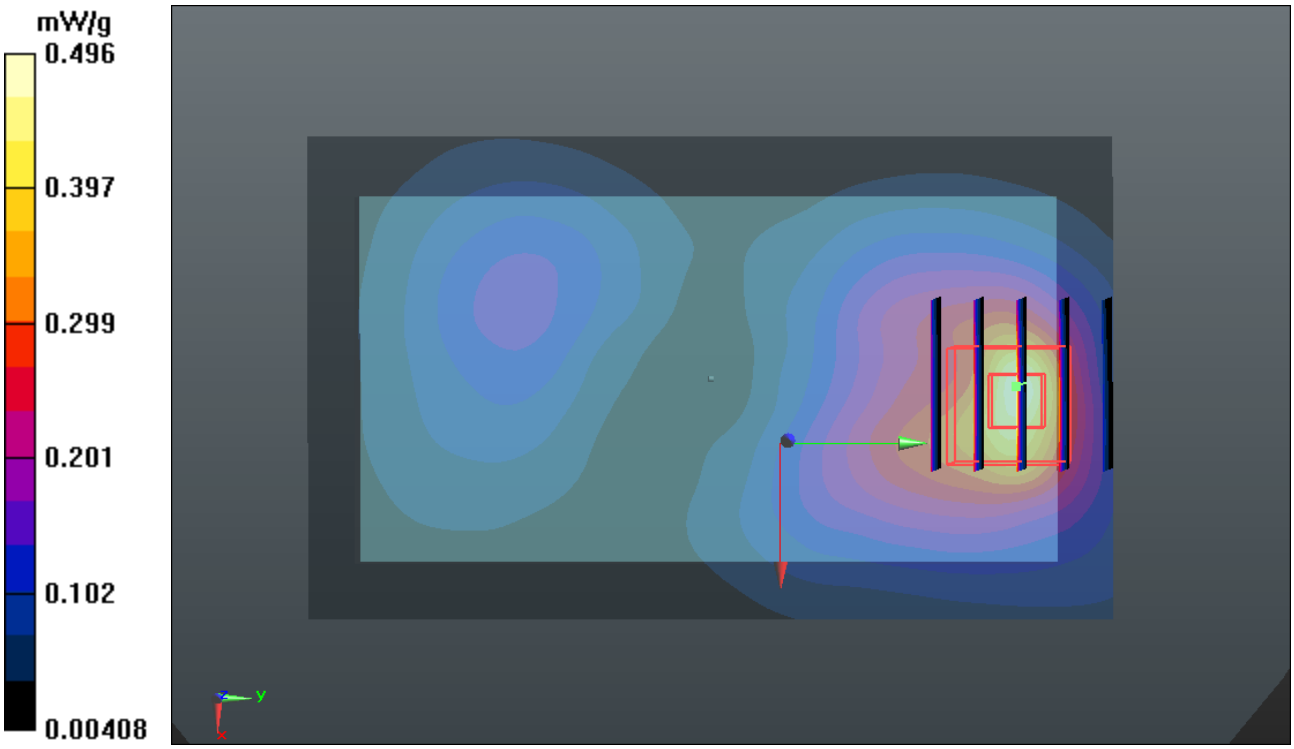
DUT: 1N0701

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120107 Medium parameters used: f = 1732.5 MHz; σ = 1.483 mho/m; ε_r = 51.051; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.496 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.620 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.743 W/kg
SAR(1 g) = 0.437 mW/g; SAR(10 g) = 0.240 mW/g
Maximum value of SAR (measured) = 0.498 mW/g


mW/g
0.496
0.397
0.299
0.201
0.102
0.00408
y

#119 LTE Band IV_16QAM_RB(1 0)_Front_1cm_Ch20050

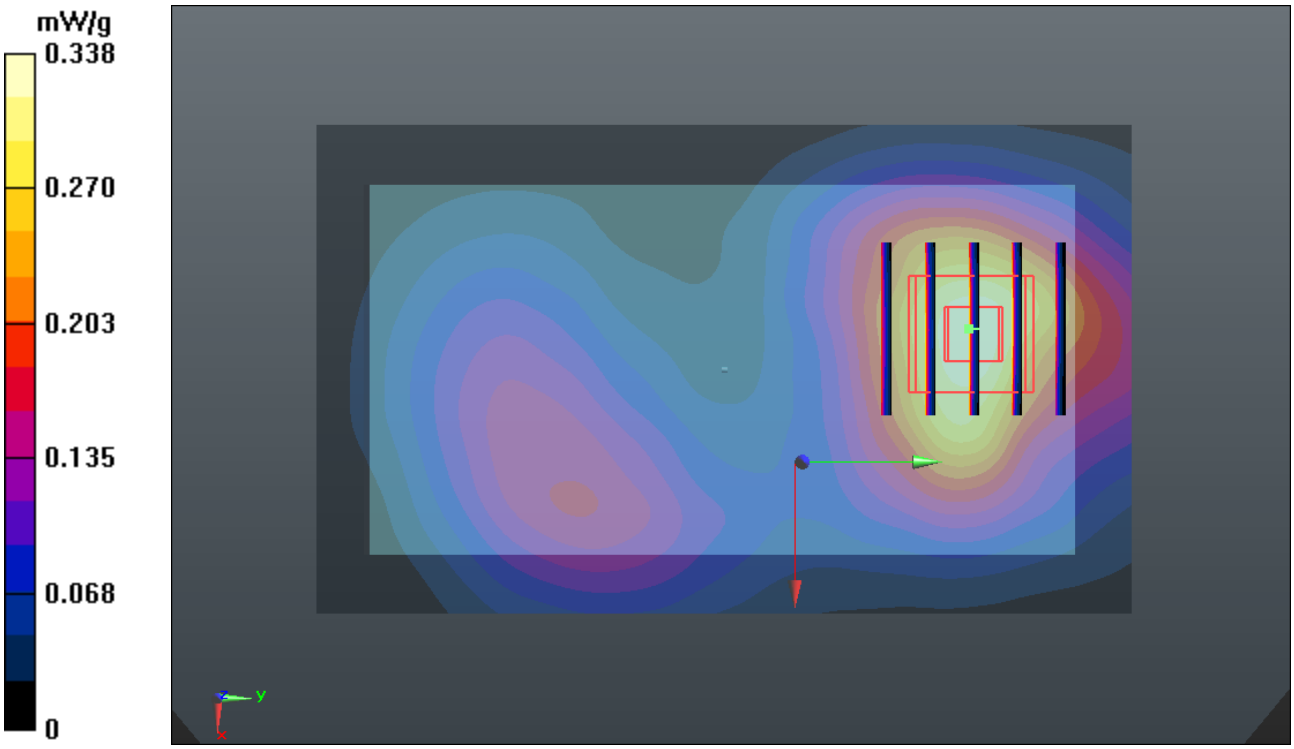
DUT: 1N0701

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120107 Medium parameters used: f = 1720 MHz; σ = 1.47 mho/m; ε_r = 51.085; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20050/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.338 mW/g

Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.986 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.485 W/kg
SAR(1 g) = 0.309 mW/g; SAR(10 g) = 0.191 mW/g
Maximum value of SAR (measured) = 0.333 mW/g


mW/g
0.338
0.270
0.203
0.135
0.068
0
y

#120 LTE Band IV_16QAM_RB(1 0)_Back_1cm_Ch20050

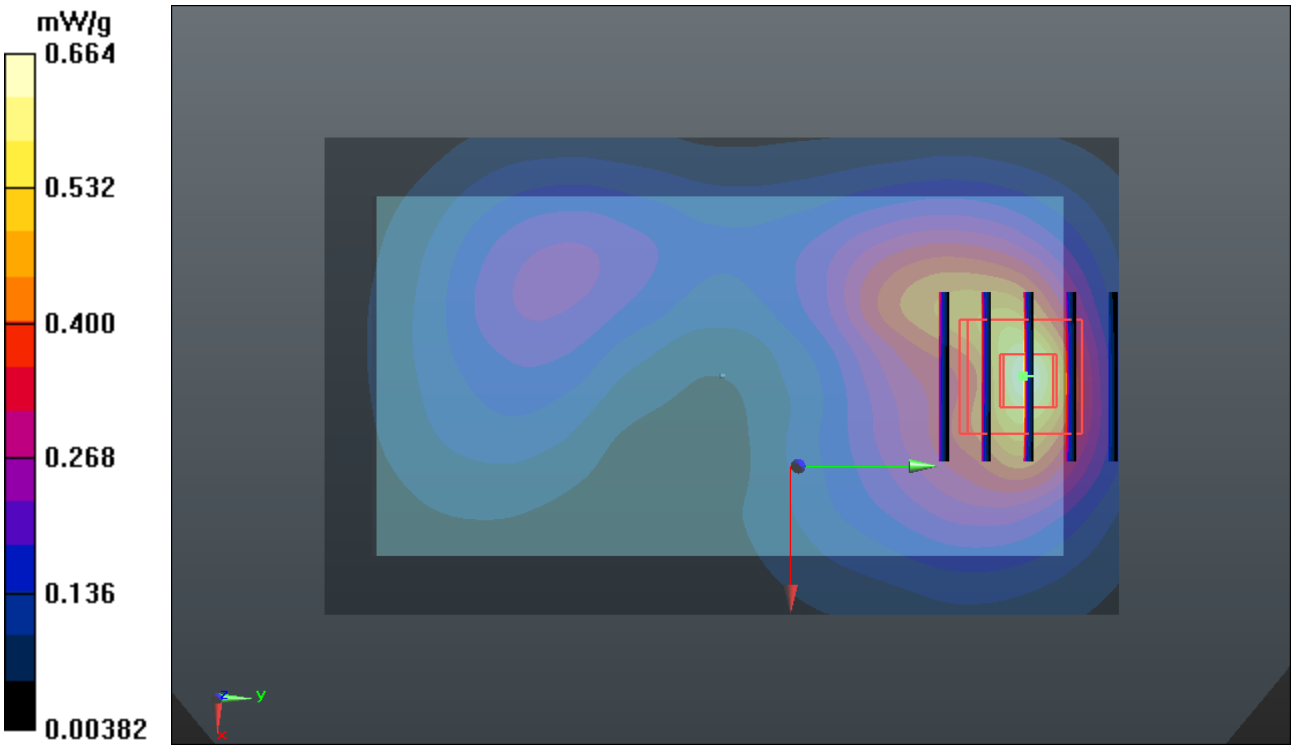
DUT: 1N0701

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120107 Medium parameters used: f = 1720 MHz; σ = 1.47 mho/m; ε_r = 51.085; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20050/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.664 mW/g

Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.937 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.954 W/kg
SAR(1 g) = 0.564 mW/g; SAR(10 g) = 0.316 mW/g
Maximum value of SAR (measured) = 0.641 mW/g


mW/g
0.664
0.532
0.400
0.268
0.136
0.00382
y

#120 LTE Band IV_16QAM_RB(1 0)_Back_1cm_Ch20050_2D

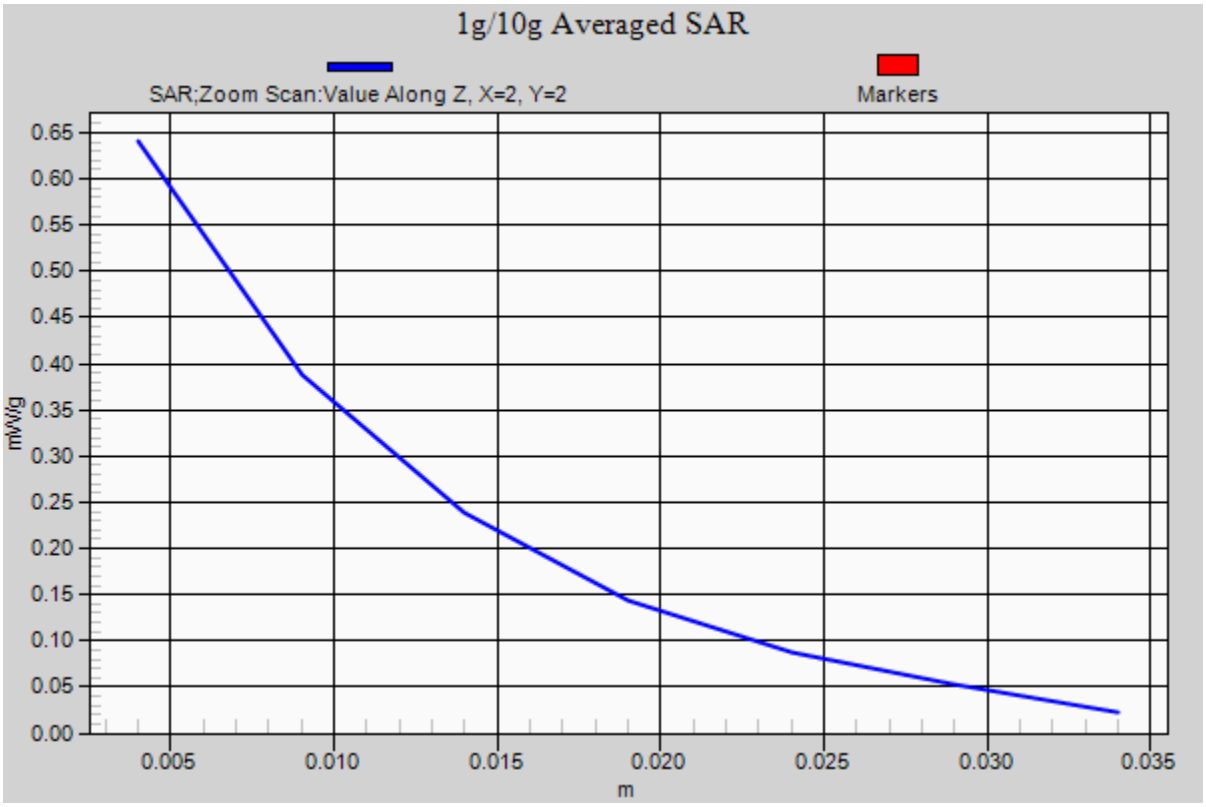
DUT: 1N0701

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120107 Medium parameters used: f = 1720 MHz; σ = 1.47 mho/m; ε_r = 51.085; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20050/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.664 mW/g

Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.937 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.954 W/kg
SAR(1 g) = 0.564 mW/g; SAR(10 g) = 0.316 mW/g
Maximum value of SAR (measured) = 0.641 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#124 LTE Band IV_16QAM_RB(1 0)_Back_1cm_Ch20050_Earphone

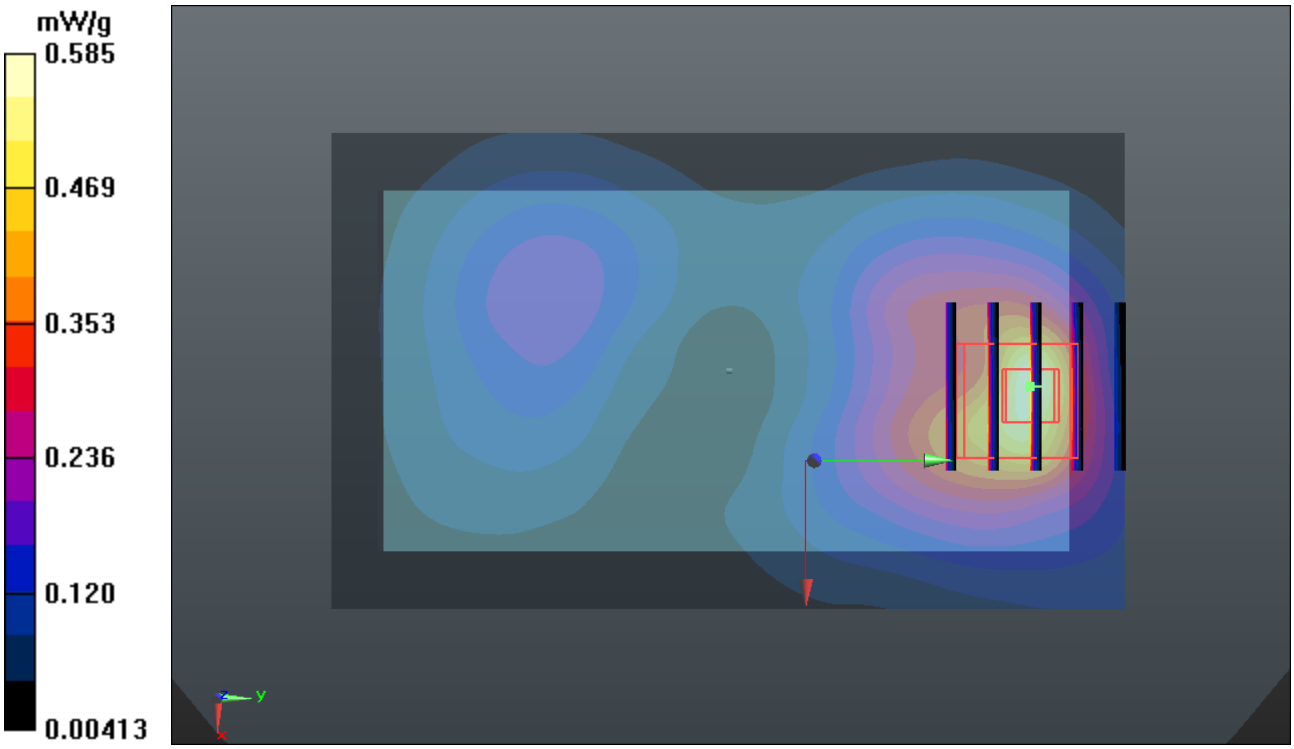
DUT: 1N0701

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120107 Medium parameters used: f = 1720 MHz; σ = 1.47 mho/m; ε_r = 51.085; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20050/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.585 mW/g

Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.788 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.889 W/kg
SAR(1 g) = 0.518 mW/g; SAR(10 g) = 0.288 mW/g
Maximum value of SAR (measured) = 0.592 mW/g


mW/g
0.585
0.469
0.353
0.236
0.120
0.00413
y

#126 LTE Band IV_16QAM_RB(1 99)_Front_1cm_Ch20050

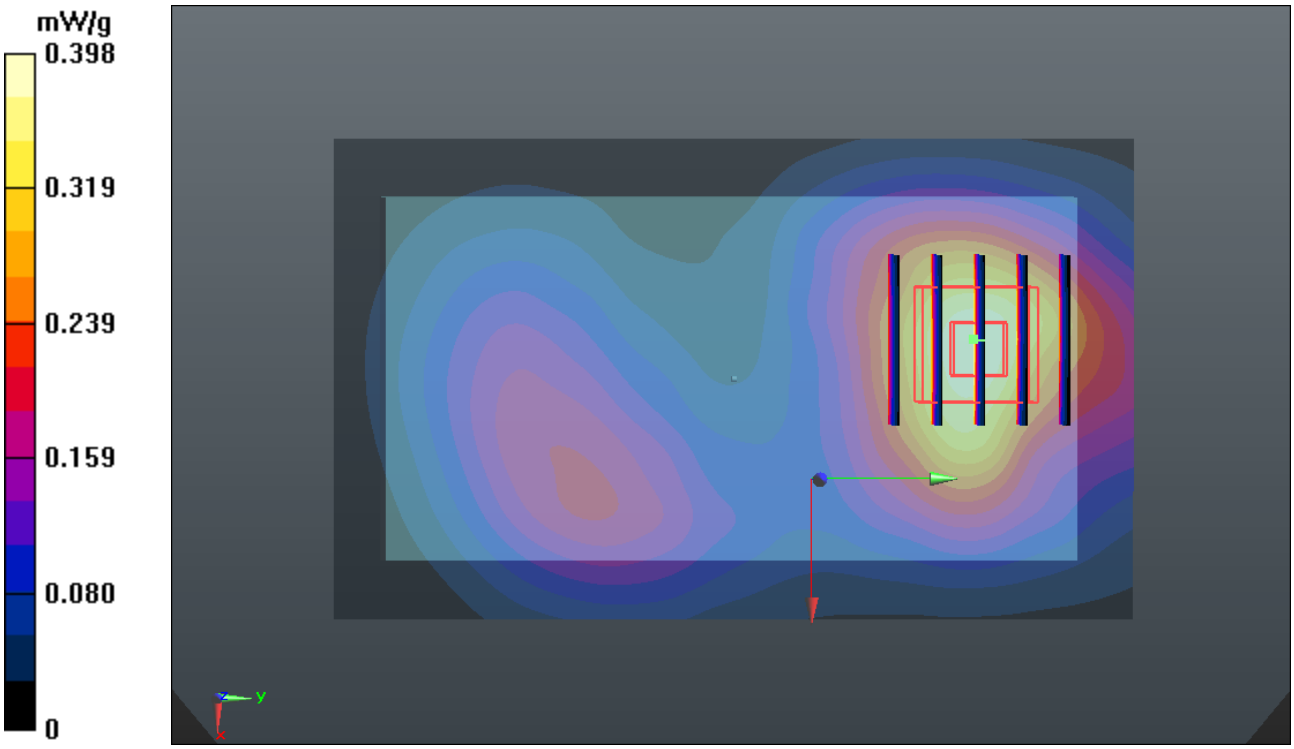
DUT: 1N0701

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120107 Medium parameters used: f = 1720 MHz; σ = 1.47 mho/m; ε_r = 51.085; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20050/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.398 mW/g

Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.001 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.576 W/kg
SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.225 mW/g
Maximum value of SAR (measured) = 0.396 mW/g


mW/g
0.398
0.319
0.239
0.159
0.080
0
y

#127 LTE Band IV_16QAM_RB(1 99)_Back_1cm_Ch20050

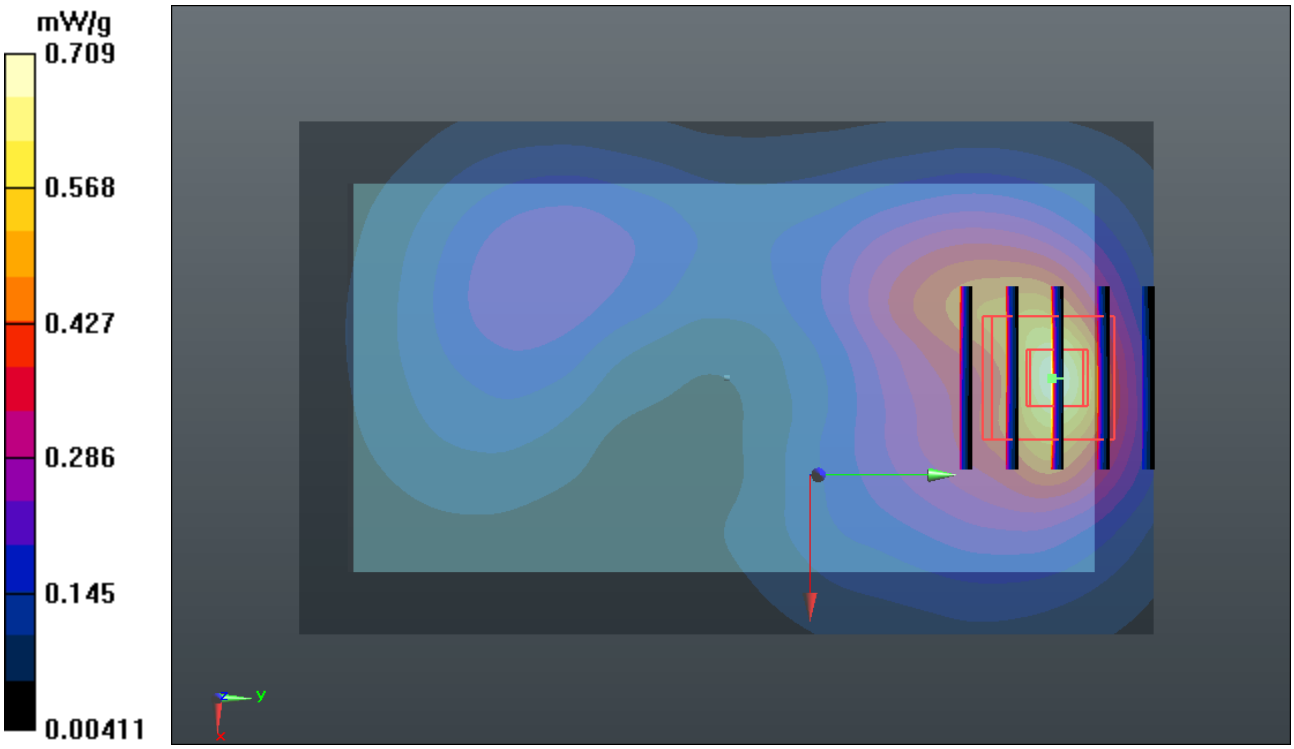
DUT: 1N0701

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120107 Medium parameters used: f = 1720 MHz; σ = 1.47 mho/m; ε_r = 51.085; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20050/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.709 mW/g

Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.851 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.025 W/kg
SAR(1 g) = 0.611 mW/g; SAR(10 g) = 0.338 mW/g
Maximum value of SAR (measured) = 0.699 mW/g


mW/g
0.709
0.568
0.427
0.286
0.145
0.00411
y

#127 LTE Band IV_16QAM_RB(1 99)_Back_1cm_Ch20050_2D

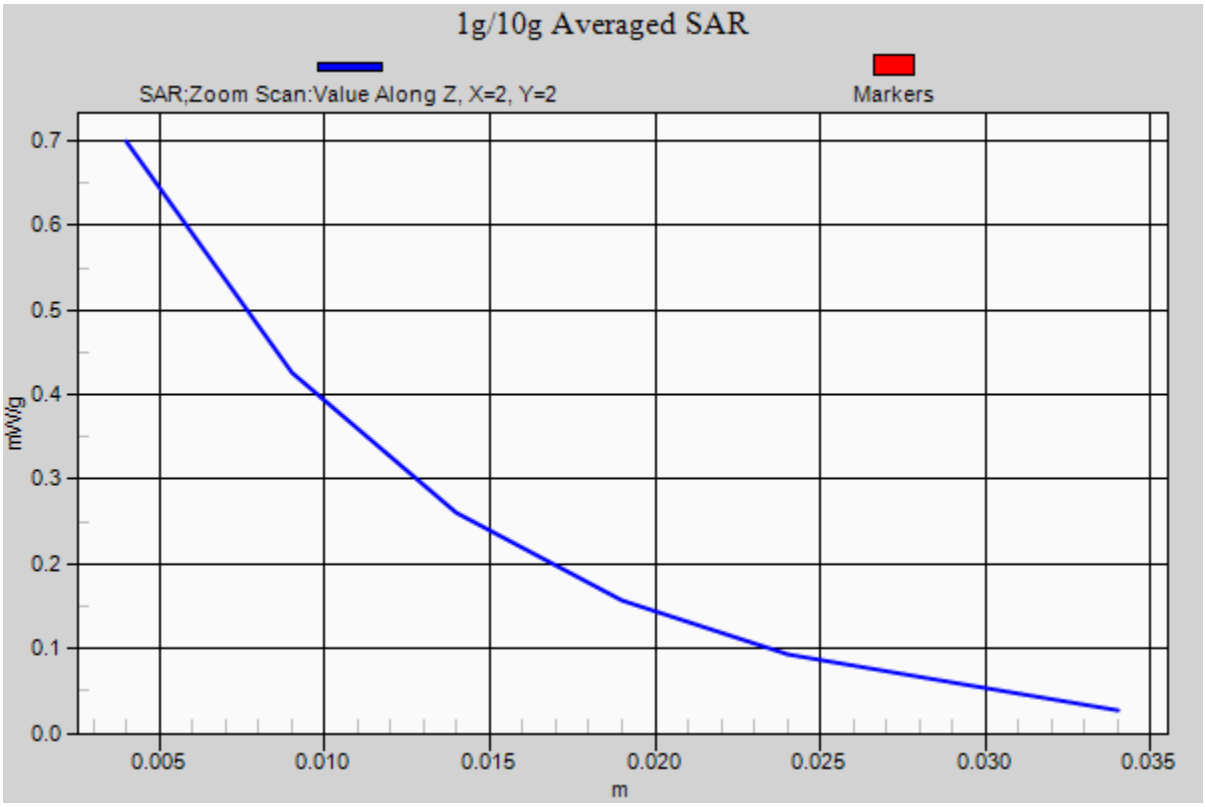
DUT: 1N0701

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120107 Medium parameters used: f = 1720 MHz; σ = 1.47 mho/m; ε_r = 51.085; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20050/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.709 mW/g

Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.851 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.025 W/kg
SAR(1 g) = 0.611 mW/g; SAR(10 g) = 0.338 mW/g
Maximum value of SAR (measured) = 0.699 mW/g


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

#131 LTE Band IV_16QAM_RB(1 99)_Back_1cm_Ch20050_Earphone

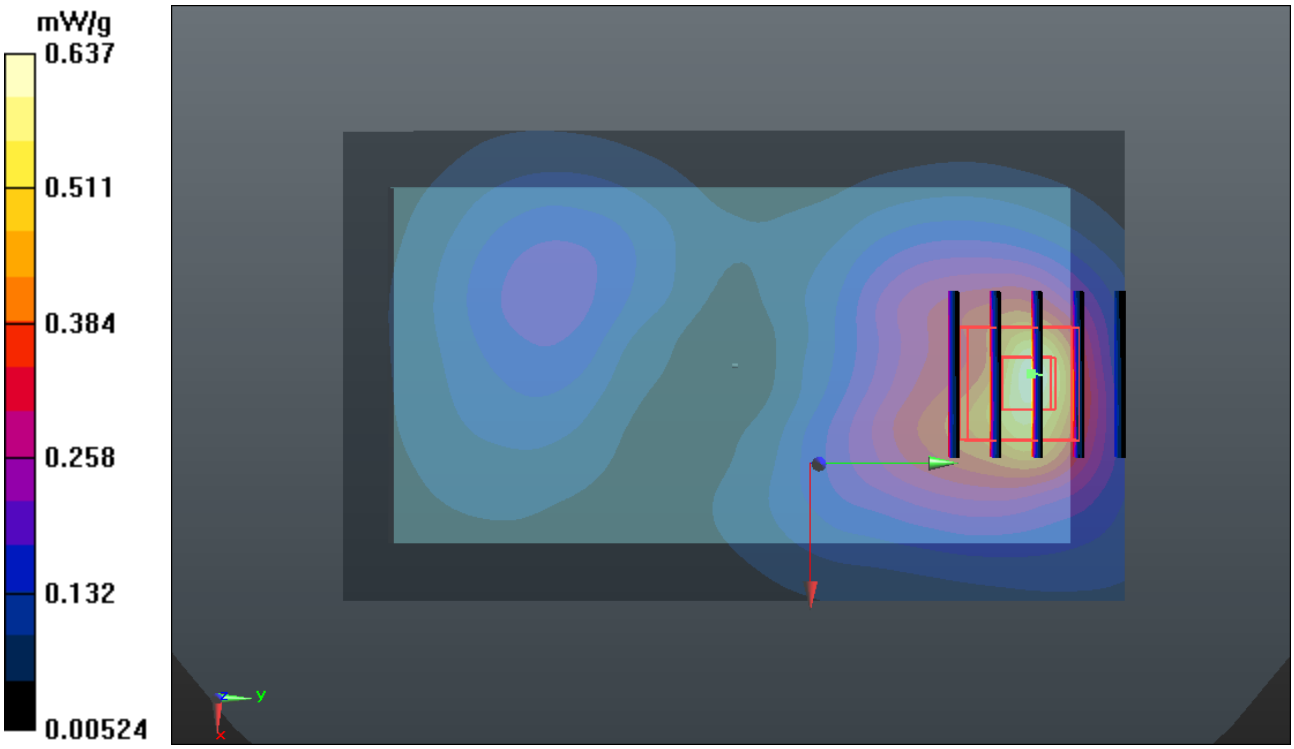
DUT: 1N0701

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120107 Medium parameters used: f = 1720 MHz; σ = 1.47 mho/m; ε_r = 51.085; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20050/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.637 mW/g

Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.164 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.838 W/kg
SAR(1 g) = 0.545 mW/g; SAR(10 g) = 0.291 mW/g
Maximum value of SAR (measured) = 0.634 mW/g


mW/g
0.637
0.511
0.384
0.258
0.132
0.00524
y

#238 LTE Band IV_QPSK_RB(1 99)_Back_1cm_Ch20175_19

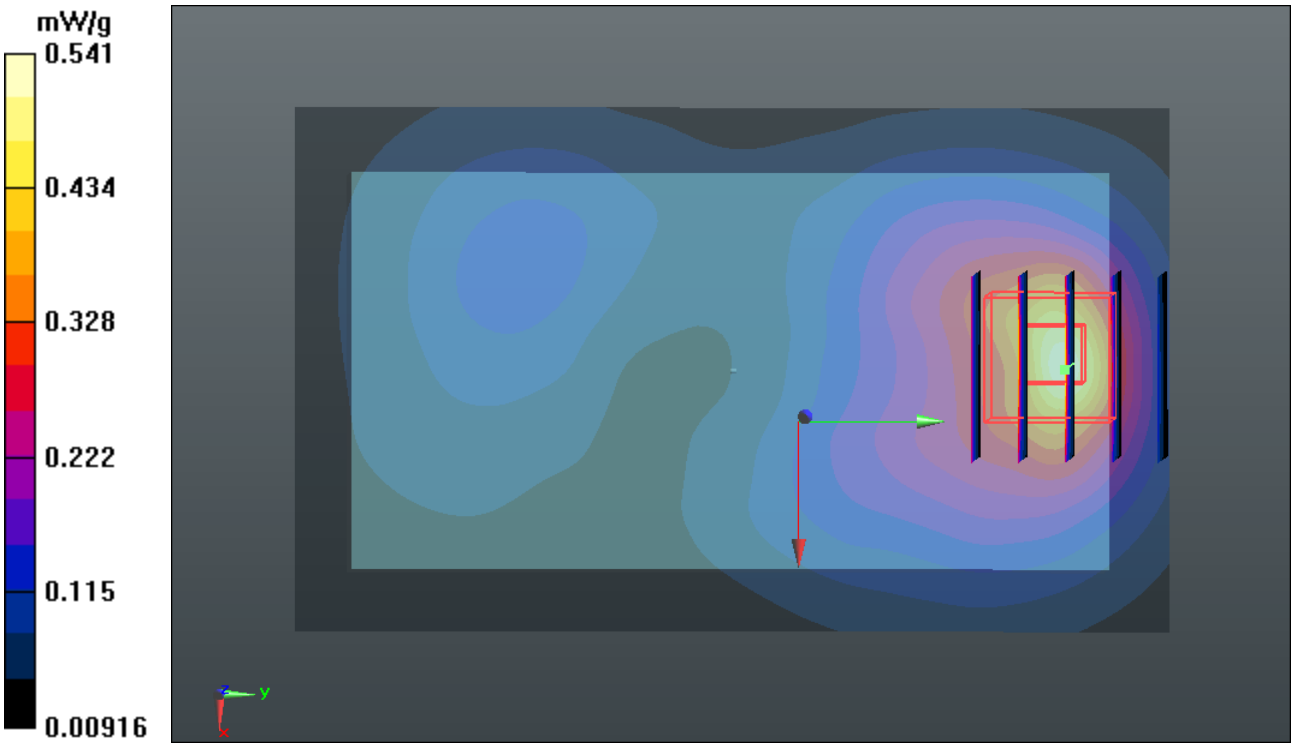
DUT: 1N0701

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120120 Medium parameters used: f = 1732.5 MHz; σ = 1.493 mho/m; ε_r = 55.607; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.541 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.375 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.808 W/kg
SAR(1 g) = 0.486 mW/g; SAR(10 g) = 0.273 mW/g
Maximum value of SAR (measured) = 0.542 mW/g


mW/g
0.541
0.434
0.328
0.222
0.115
0.00916
y

#51 LTE Band II_QPSK_RB(50 25)_Front_1cm_Ch18900

DUT: 1N0701

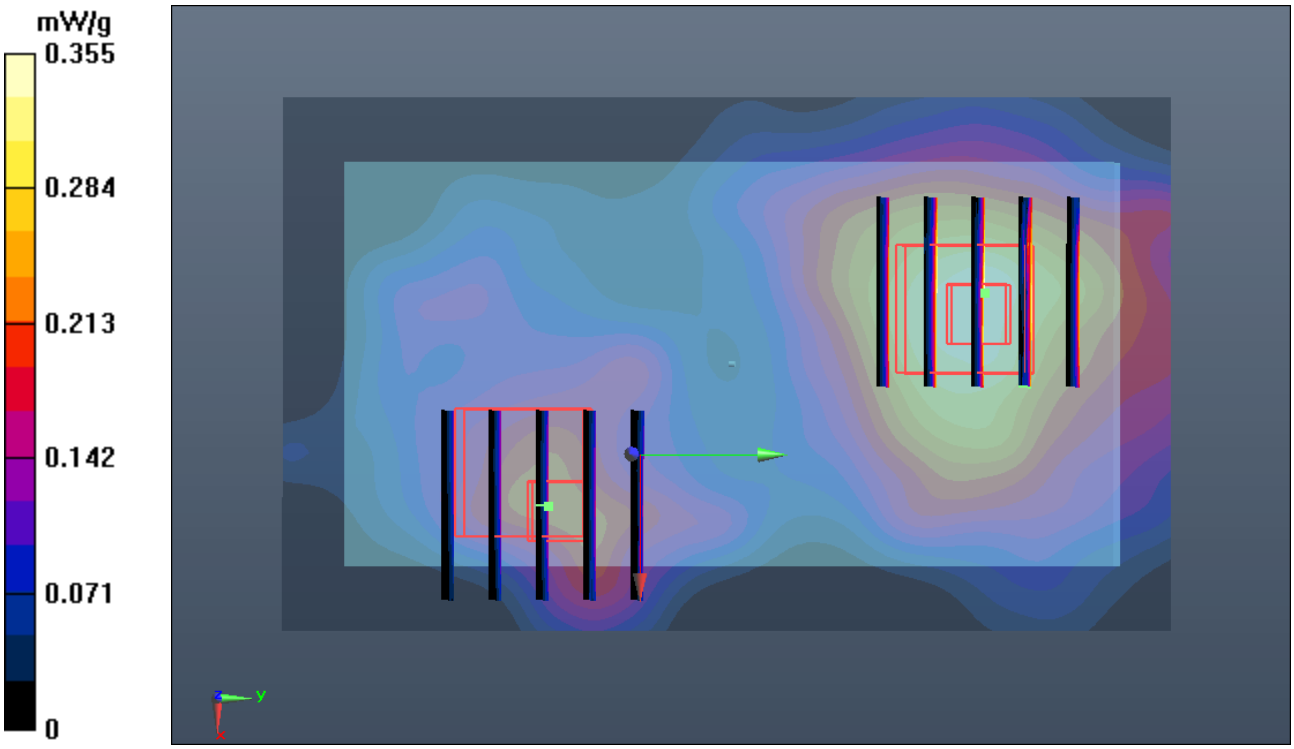
Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1880 MHz; σ = 1.509 mho/m; ε_r = 52.468; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.355 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.337 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.710 W/kg
SAR(1 g) = 0.337 mW/g; SAR(10 g) = 0.204 mW/g
Maximum value of SAR (measured) = 0.367 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.337 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.395 W/kg
SAR(1 g) = 0.167 mW/g; SAR(10 g) = 0.086 mW/g
Maximum value of SAR (measured) = 0.187 mW/g


mW/g
0.355
0.284
0.213
0.142
0.071
0
y

#52 LTE Band II_QPSK_RB(50 25)_Back_1cm_Ch18900

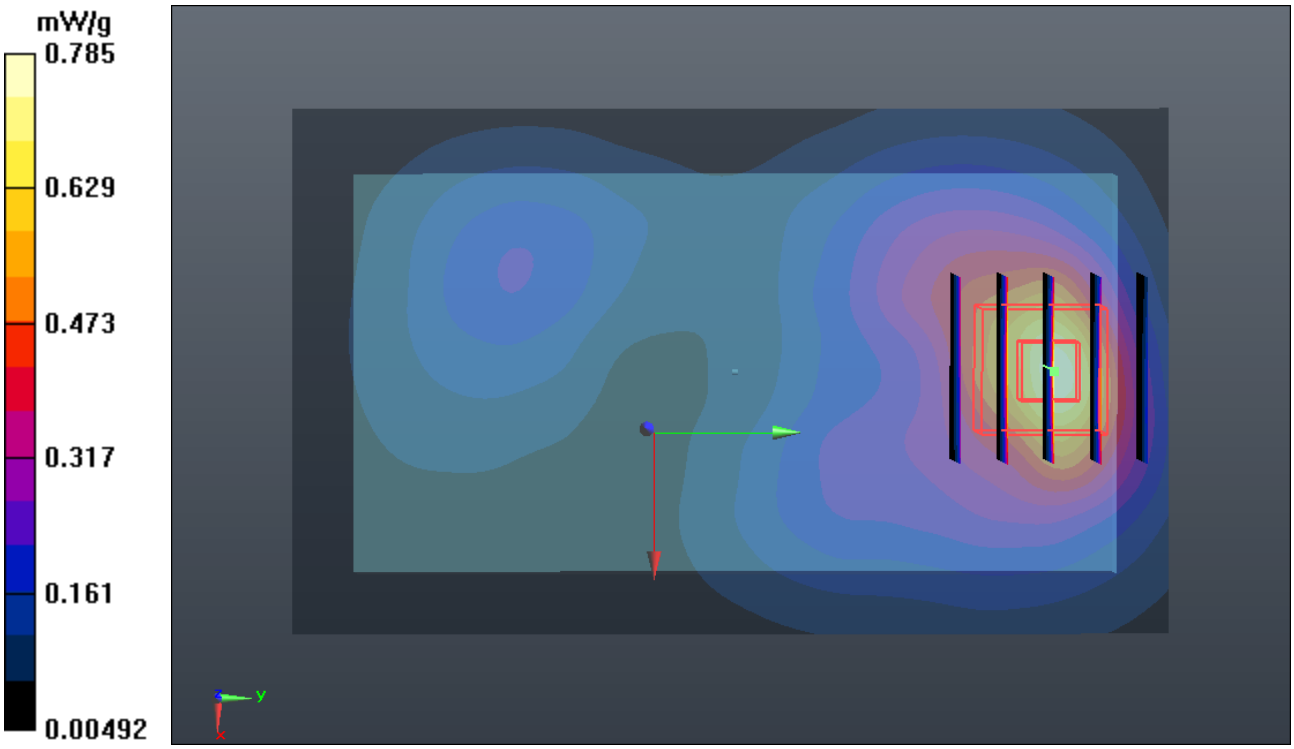
DUT: 1N0701

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1880 MHz; σ = 1.509 mho/m; ε_r = 52.468; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.785 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.796 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.270 W/kg
SAR(1 g) = 0.735 mW/g; SAR(10 g) = 0.386 mW/g
Maximum value of SAR (measured) = 0.865 mW/g


mW/g
0.785
0.629
0.473
0.317
0.161
0.00492
y

#52 LTE Band II_QPSK_RB(50 25)_Back_1cm_Ch18900_2D

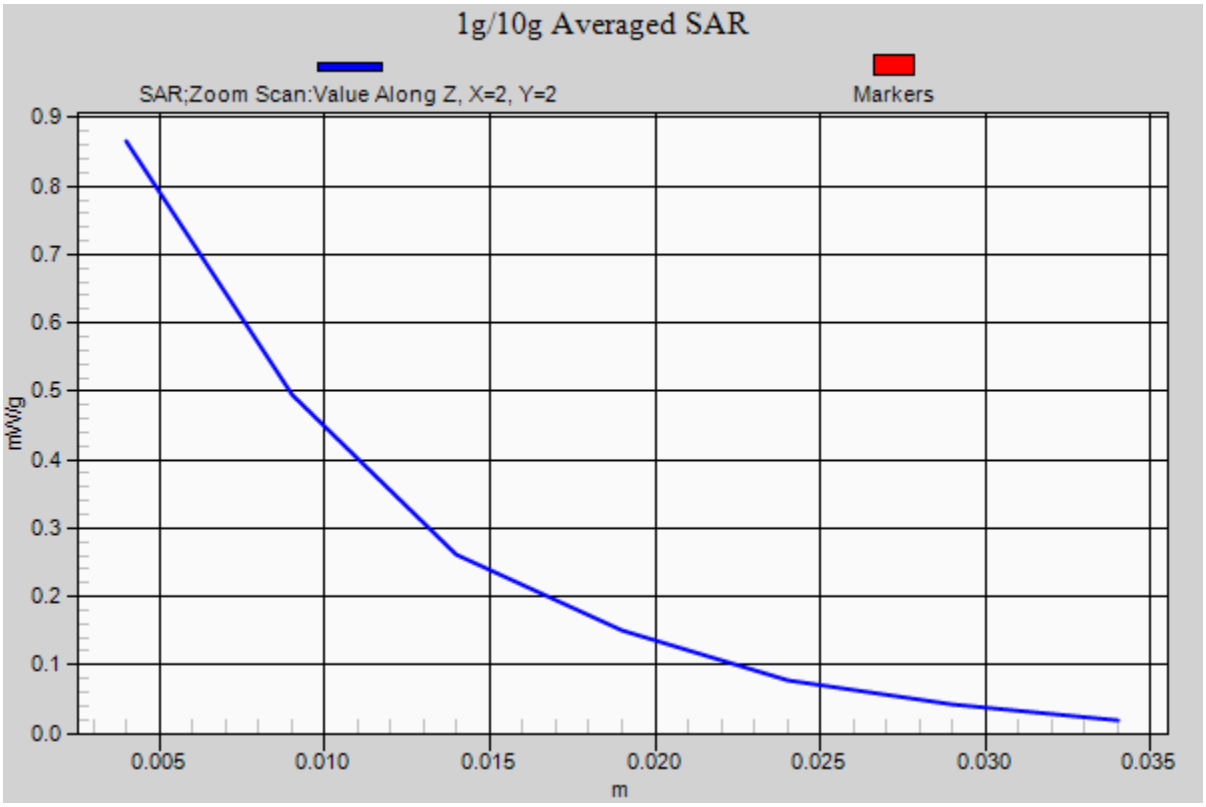
DUT: 1N0701

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1880 MHz; σ = 1.509 mho/m; ε_r = 52.468; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.785 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.796 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.270 W/kg
SAR(1 g) = 0.735 mW/g; SAR(10 g) = 0.386 mW/g
Maximum value of SAR (measured) = 0.865 mW/g


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

#56 LTE Band II_QPSK_RB(50 25)_Back_1cm_Ch18900_Earphone

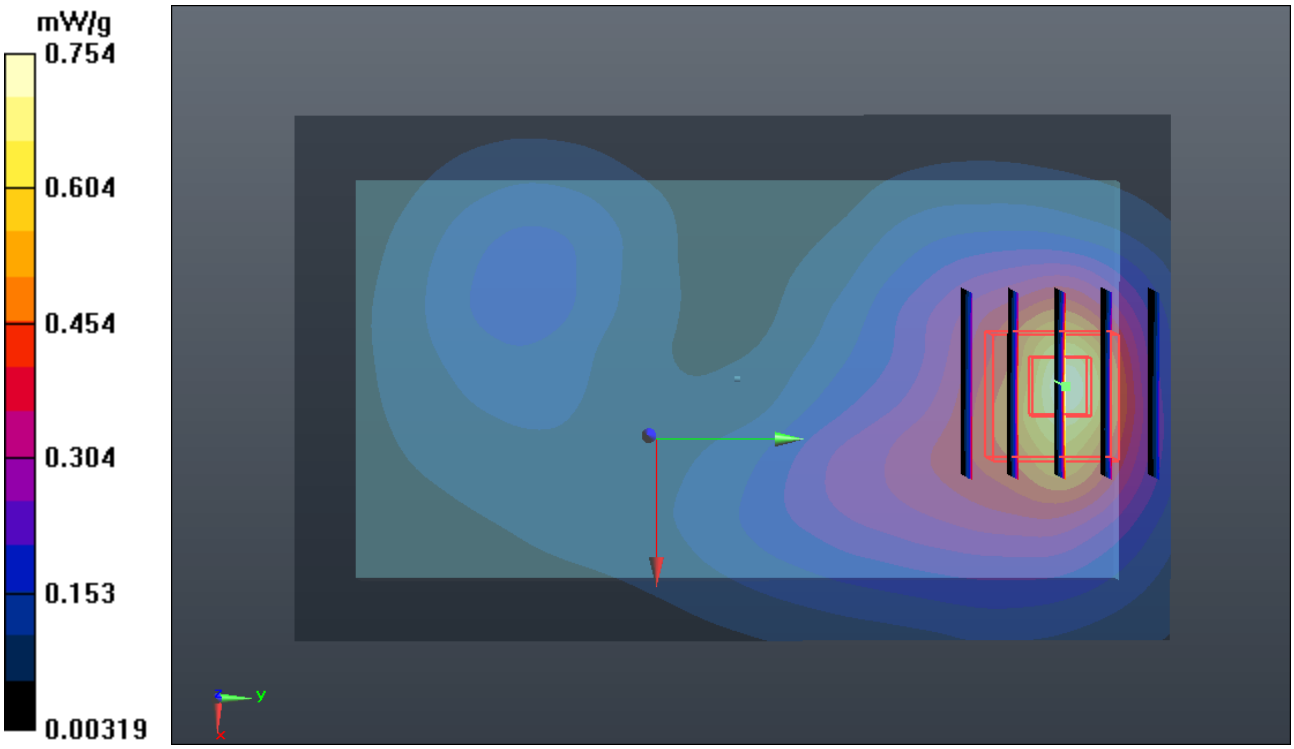
DUT: 1N0701

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1880 MHz; σ = 1.509 mho/m; ε_r = 52.468; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.754 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.515 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.213 W/kg
SAR(1 g) = 0.672 mW/g; SAR(10 g) = 0.357 mW/g
Maximum value of SAR (measured) = 0.766 mW/g


mW/g
0.754
0.604
0.454
0.304
0.153
0.00319
y

#59 LTE Band II_QPSK_RB(1 0)_Front_1cm_Ch18900

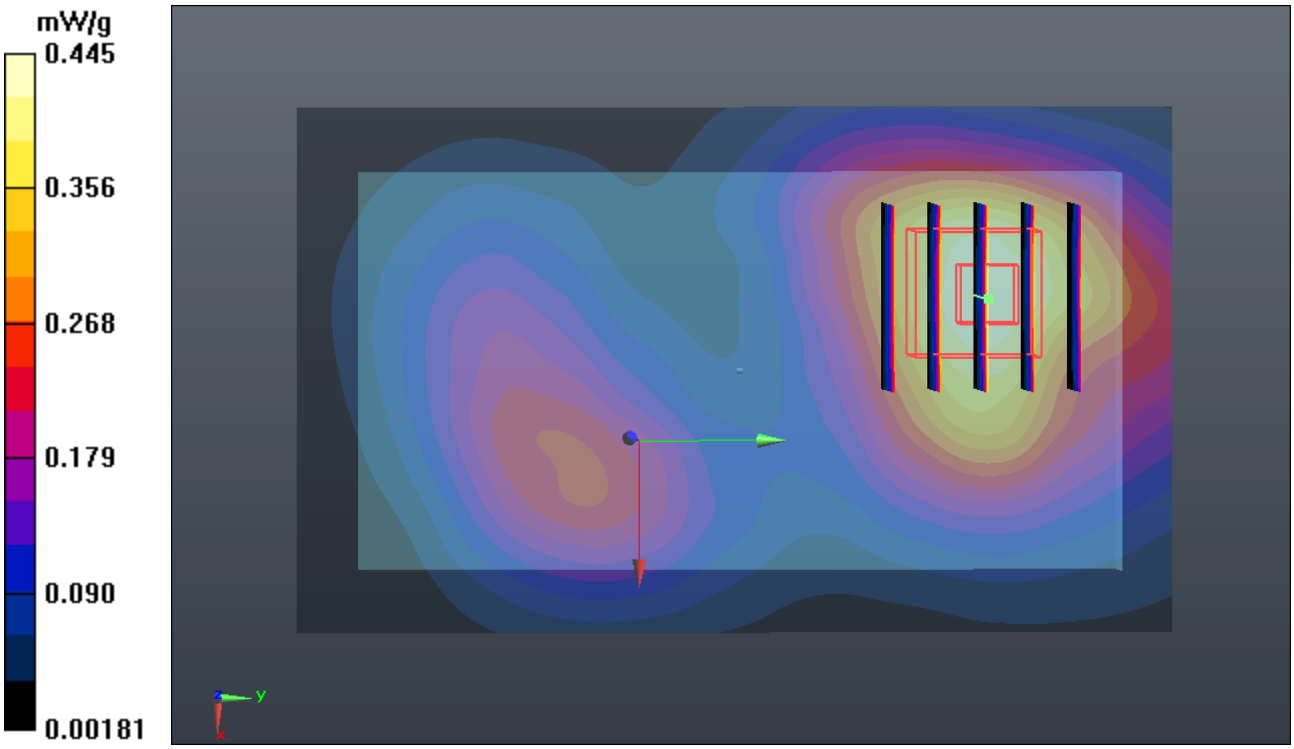
DUT: 1N0701

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1880 MHz; σ = 1.509 mho/m; ε_r = 52.468; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.445 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.125 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.632 W/kg
SAR(1 g) = 0.410 mW/g; SAR(10 g) = 0.258 mW/g
Maximum value of SAR (measured) = 0.441 mW/g


mW/g
0.445
0.356
0.268
0.179
0.090
0.00181
y

#60 LTE Band II_QPSK_RB(1 0)_Back_1cm_Ch18900

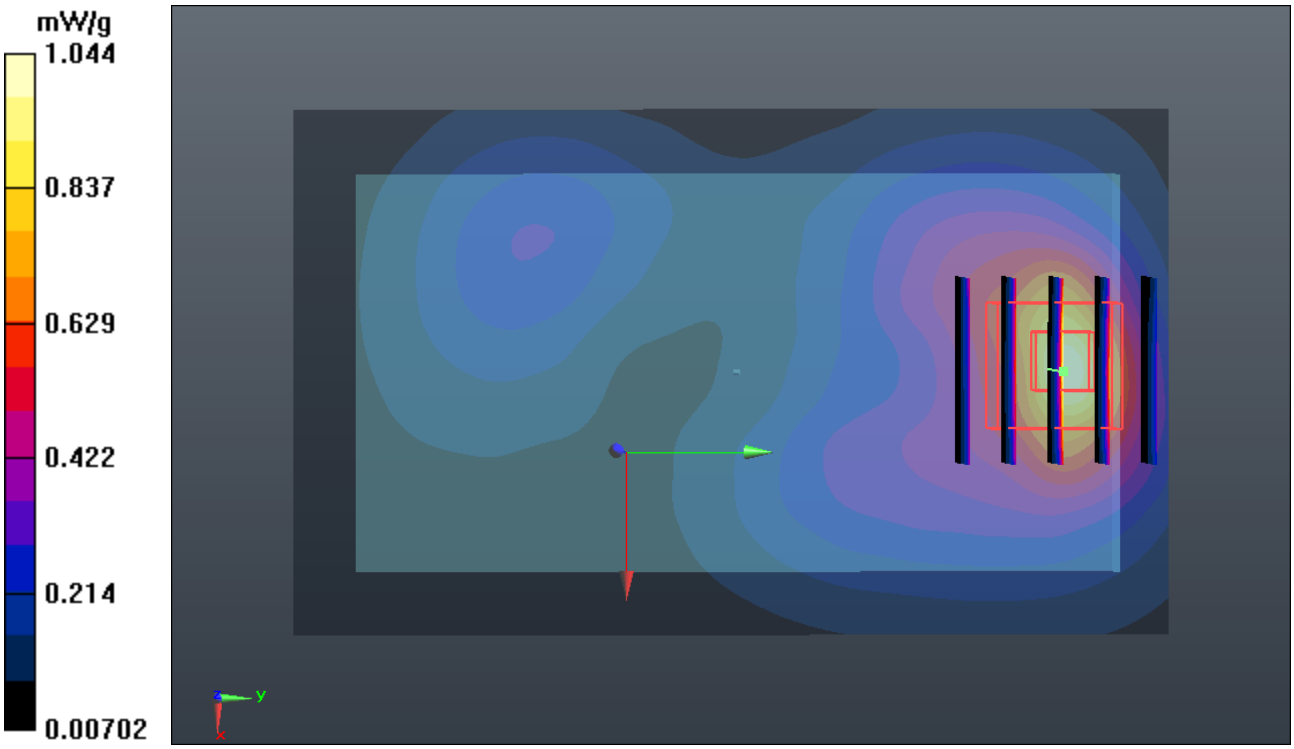
DUT: 1N0701

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1880 MHz; σ = 1.509 mho/m; ε_r = 52.468; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.044 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.662 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.596 W/kg
SAR(1 g) = 0.919 mW/g; SAR(10 g) = 0.496 mW/g
Maximum value of SAR (measured) = 1.038 mW/g


mW/g
1.044
0.837
0.629
0.422
0.214
0.00702
y

#60 LTE Band II_QPSK_RB(1 0)_Back_1cm_Ch18900_2D

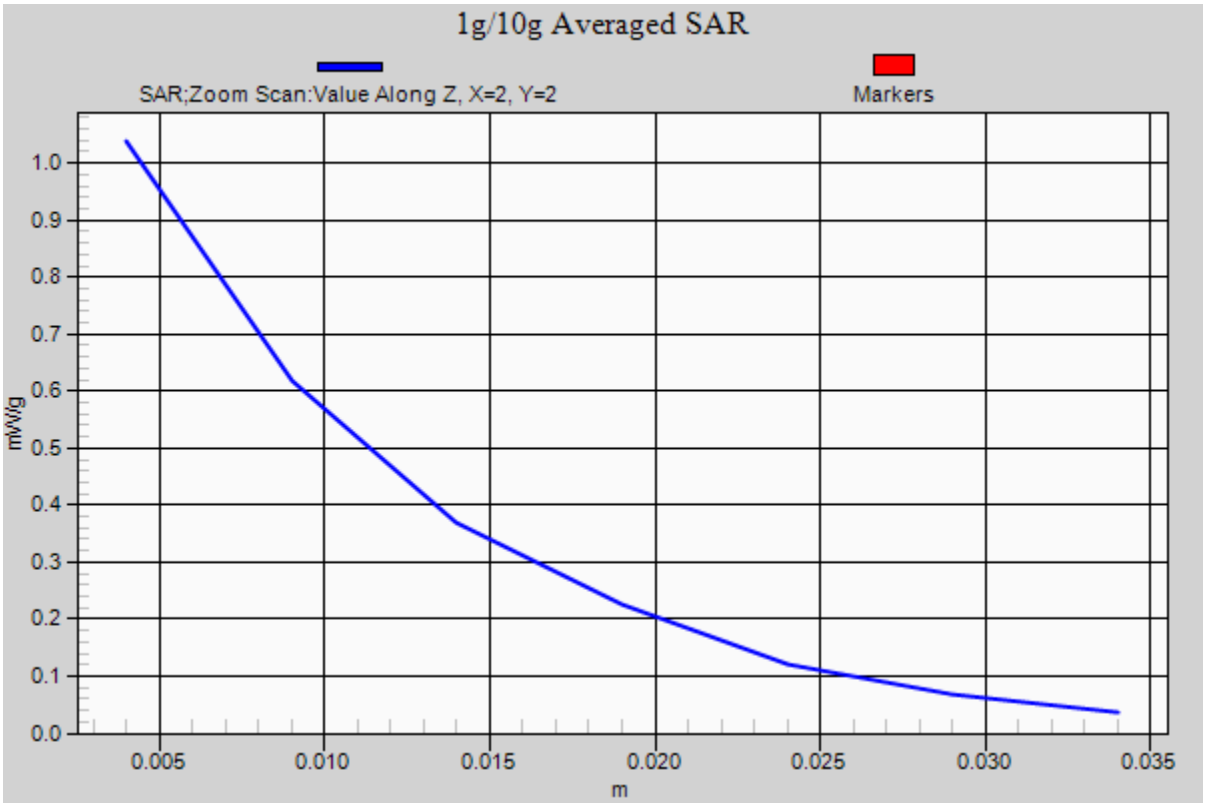
DUT: 1N0701

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1880 MHz; σ = 1.509 mho/m; ε_r = 52.468; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.044 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.662 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.596 W/kg
SAR(1 g) = 0.919 mW/g; SAR(10 g) = 0.496 mW/g
Maximum value of SAR (measured) = 1.038 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#64 LTE Band II_QPSK_RB(1 0)_Back_1cm_Ch18900_Earphone

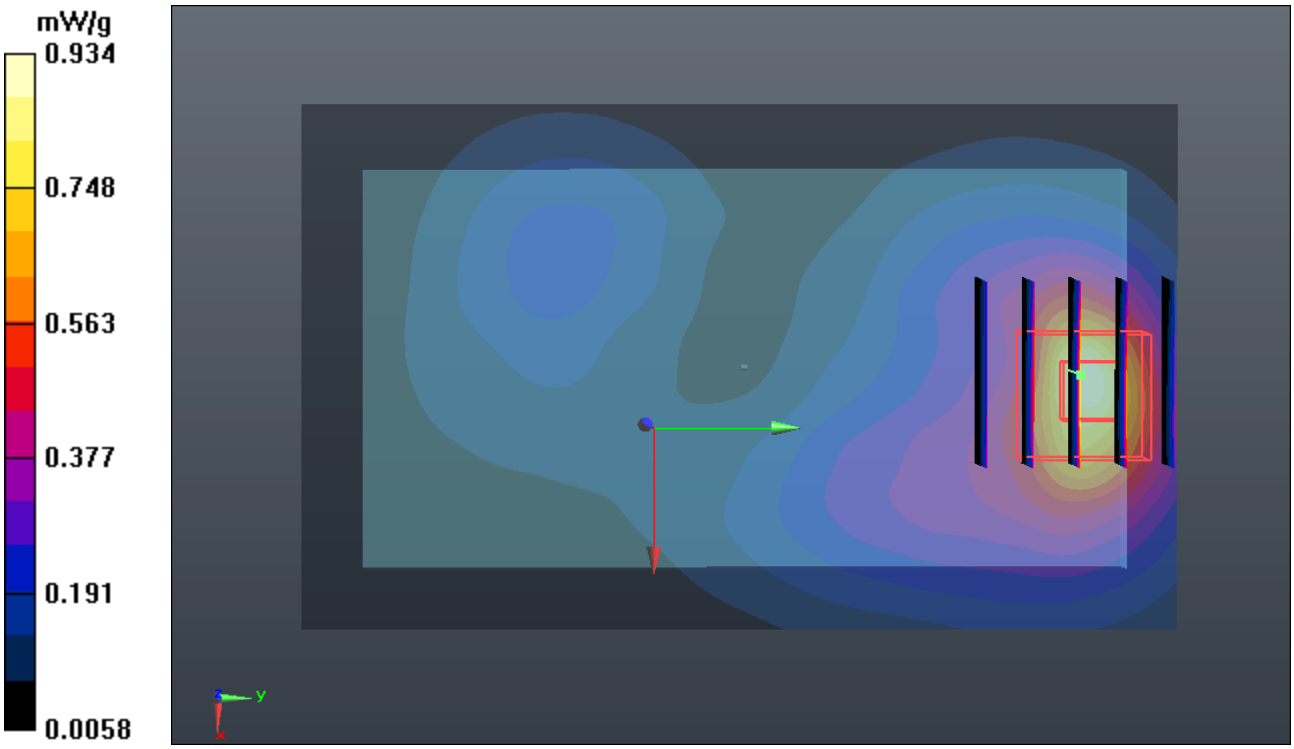
DUT: 1N0701

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1880 MHz; σ = 1.509 mho/m; ε_r = 52.468; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.934 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.321 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.457 W/kg
SAR(1 g) = 0.818 mW/g; SAR(10 g) = 0.433 mW/g
Maximum value of SAR (measured) = 0.899 mW/g


mW/g
0.934
0.748
0.563
0.377
0.191
0.0058
y

#65 LTE Band II_QPSK_RB(1 0)_Back_1cm_Ch18700_Earphone

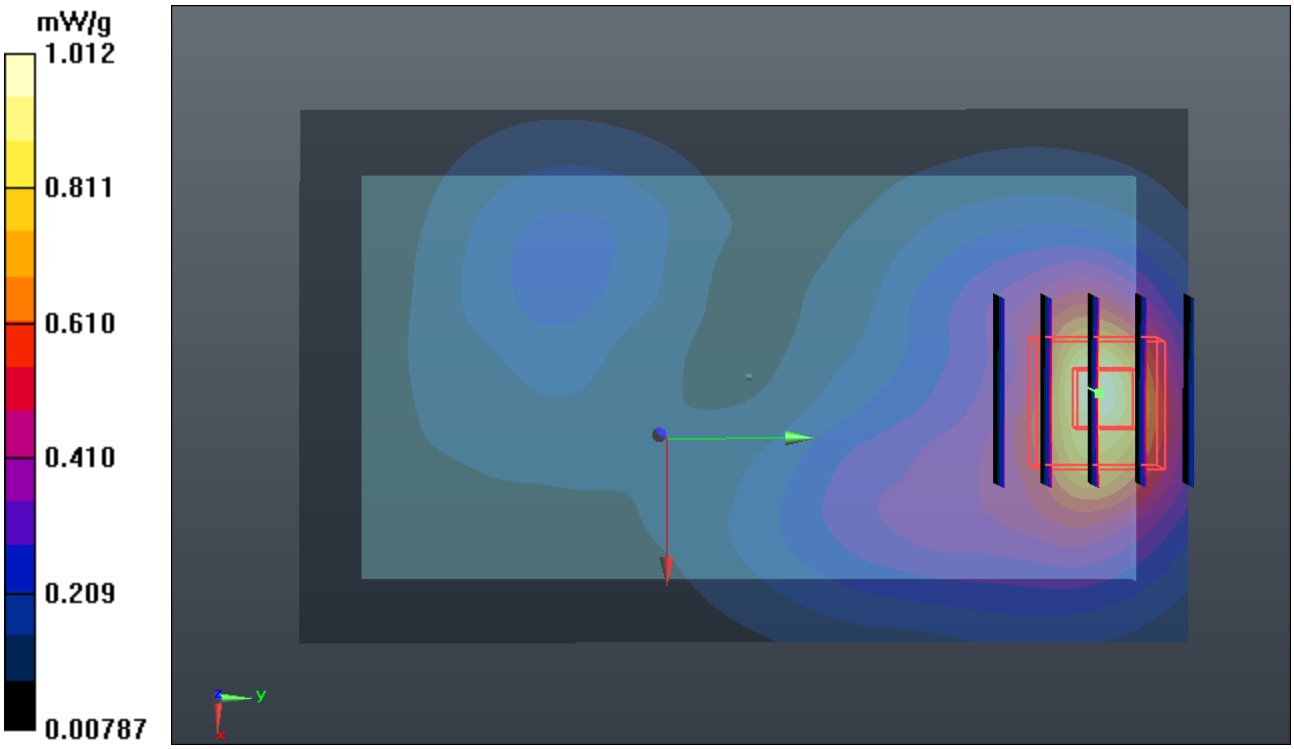
DUT: 1N0701

Communication System: LTE; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1860 MHz; σ = 1.486 mho/m; ε_r = 52.541; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18700/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.012 mW/g

Ch18700/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.807 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.549 W/kg
SAR(1 g) = 0.876 mW/g; SAR(10 g) = 0.466 mW/g
Maximum value of SAR (measured) = 0.990 mW/g


mW/g
1.012
0.811
0.610
0.410
0.209
0.00787
y

#66 LTE Band II_QPSK_RB(1 0)_Back_1cm_Ch19100_Earphone

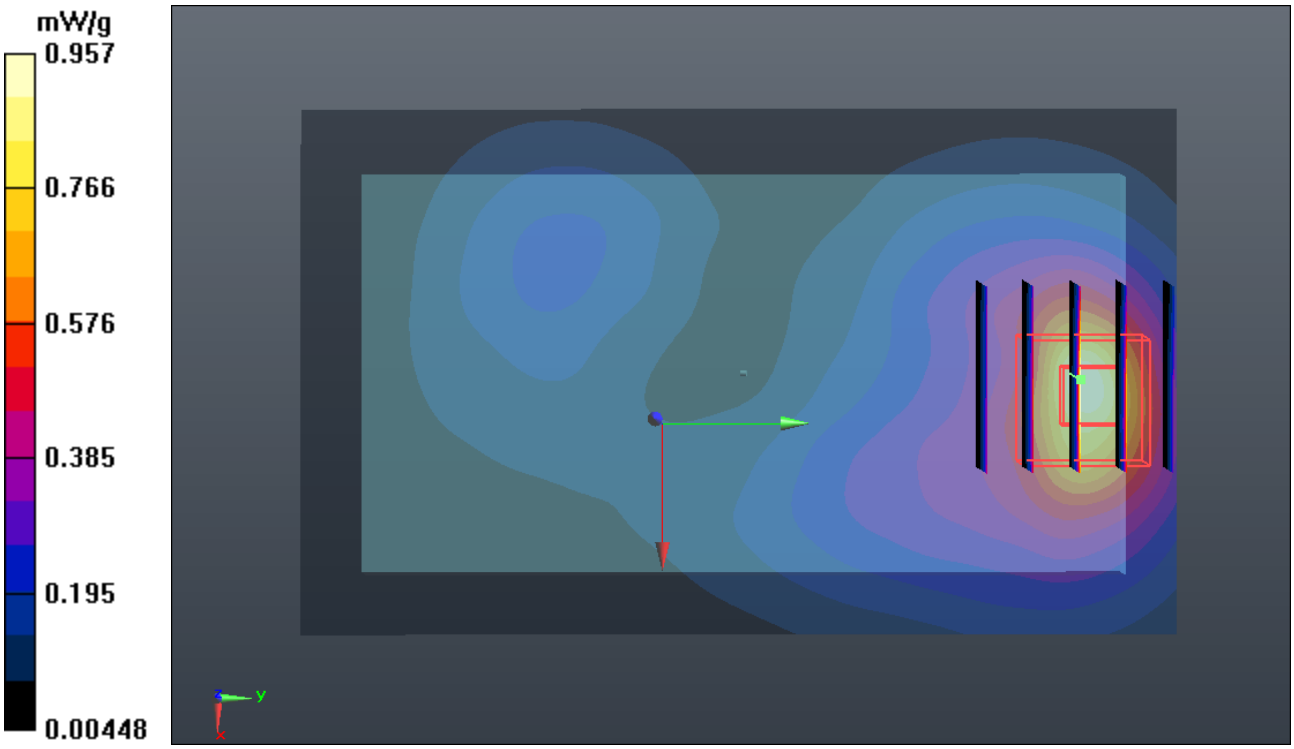
DUT: 1N0701

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1900 MHz; σ = 1.532 mho/m; ε_r = 52.397; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch19100/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.957 mW/g

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.036 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.554 W/kg
SAR(1 g) = 0.866 mW/g; SAR(10 g) = 0.455 mW/g
Maximum value of SAR (measured) = 0.955 mW/g


mW/g
0.957
0.766
0.576
0.385
0.195
0.00448
y

#67 LTE Band II_QPSK_RB(1 99)_Front_1cm_Ch18900

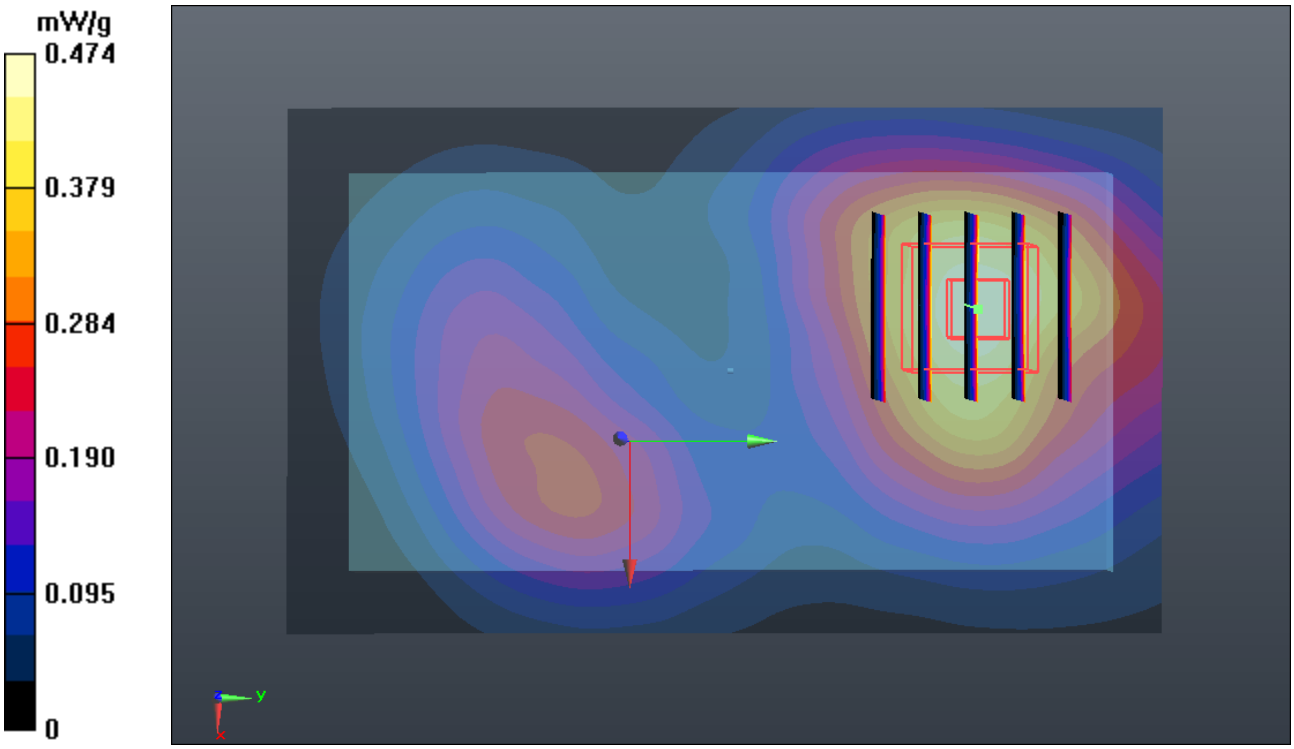
DUT: 1N0701

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1880 MHz; σ = 1.509 mho/m; ε_r = 52.468; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.474 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.603 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.682 W/kg
SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.269 mW/g
Maximum value of SAR (measured) = 0.464 mW/g


mW/g
0.474
0.379
0.284
0.190
0.095
0
y

#68 LTE Band II_QPSK_RB(1 99)_Back_1cm_Ch18900

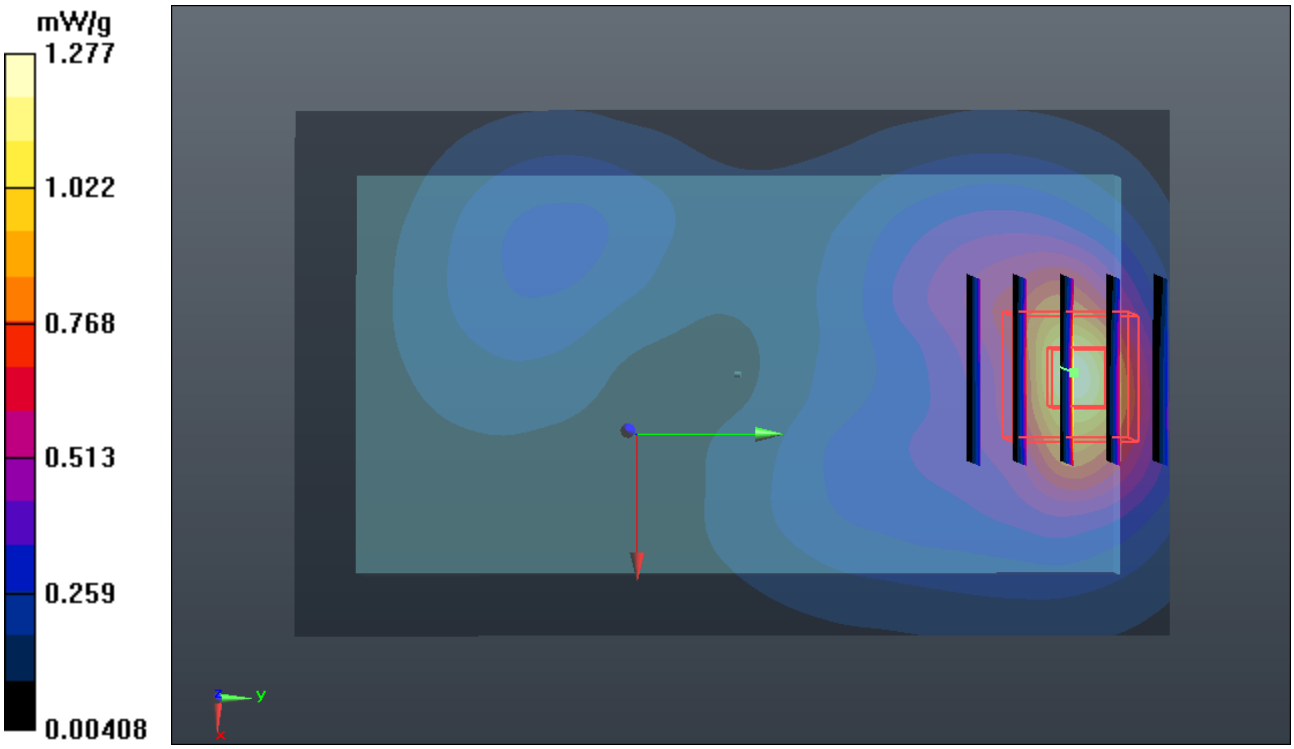
DUT: 1N0701

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1880 MHz; σ = 1.509 mho/m; ε_r = 52.468; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.277 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.981 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.976 W/kg
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.569 mW/g
Maximum value of SAR (measured) = 1.259 mW/g


mW/g
1.277
1.022
0.768
0.513
0.259
0.00408
y

#68 LTE Band II_QPSK_RB(1 99)_Back_1cm_Ch18900_2D

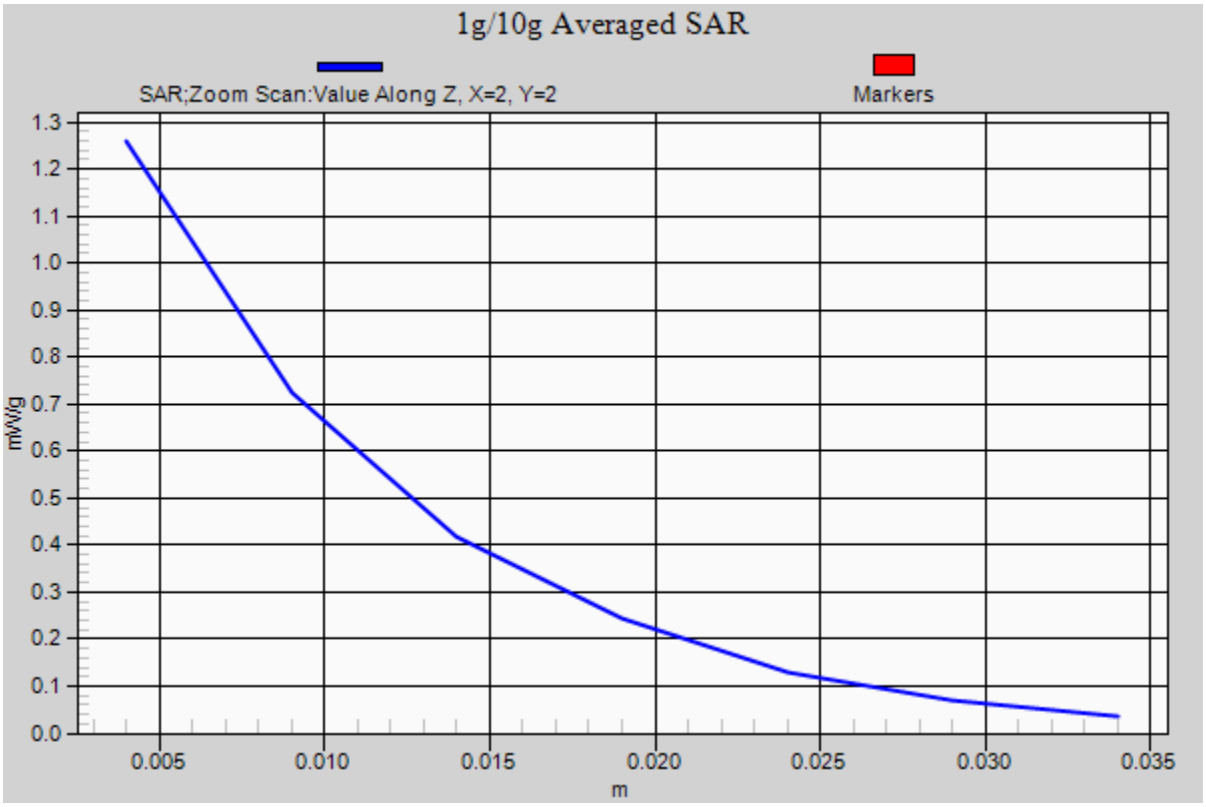
DUT: 1N0701

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1880 MHz; σ = 1.509 mho/m; ε_r = 52.468; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.277 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.981 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.976 W/kg
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.569 mW/g
Maximum value of SAR (measured) = 1.259 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
1.3
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
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#72 LTE Band II_QPSK_RB(1 99)_Back_1cm_Ch18900_Earphone

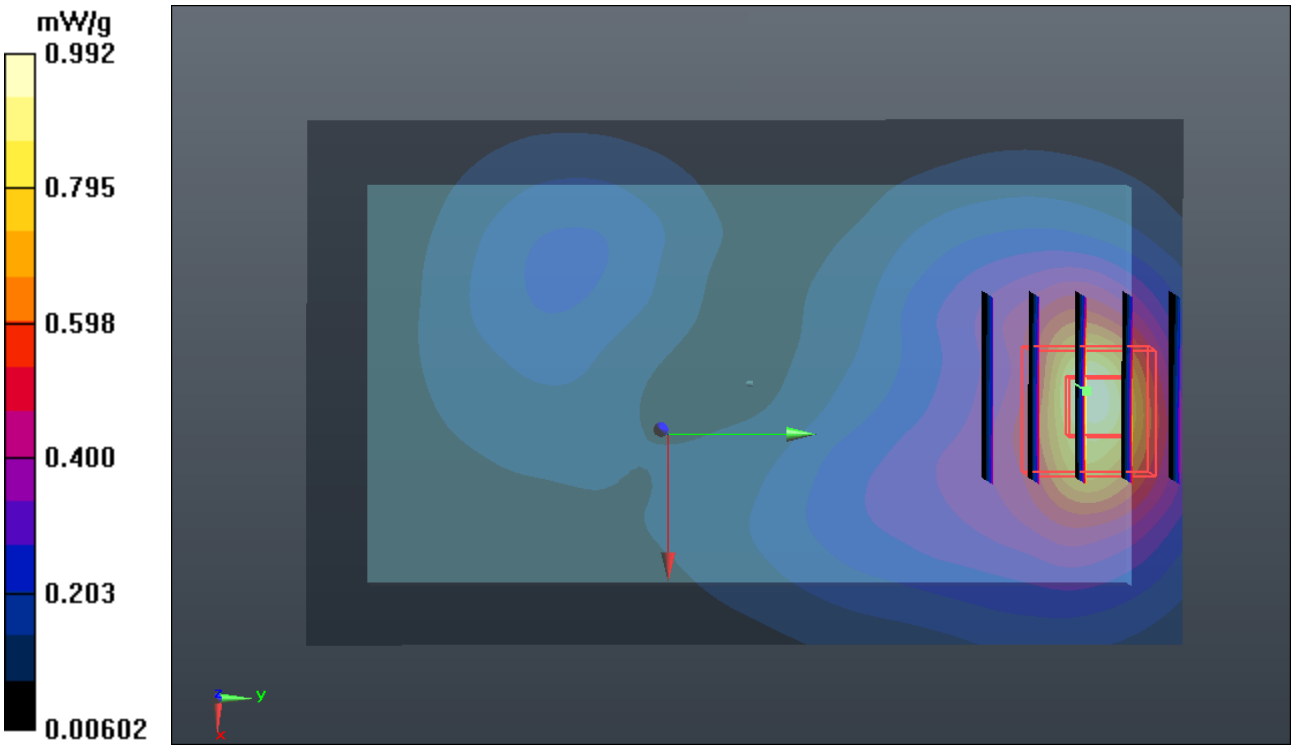
DUT: 1N0701

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1880 MHz; σ = 1.509 mho/m; ε_r = 52.468; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.992 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.102 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.582 W/kg
SAR(1 g) = 0.881 mW/g; SAR(10 g) = 0.462 mW/g
Maximum value of SAR (measured) = 0.971 mW/g


mW/g
0.992
0.795
0.598
0.400
0.203
0.00602
y

#73 LTE Band II_QPSK_RB(1 99)_Back_1cm_Ch18700_Earphone

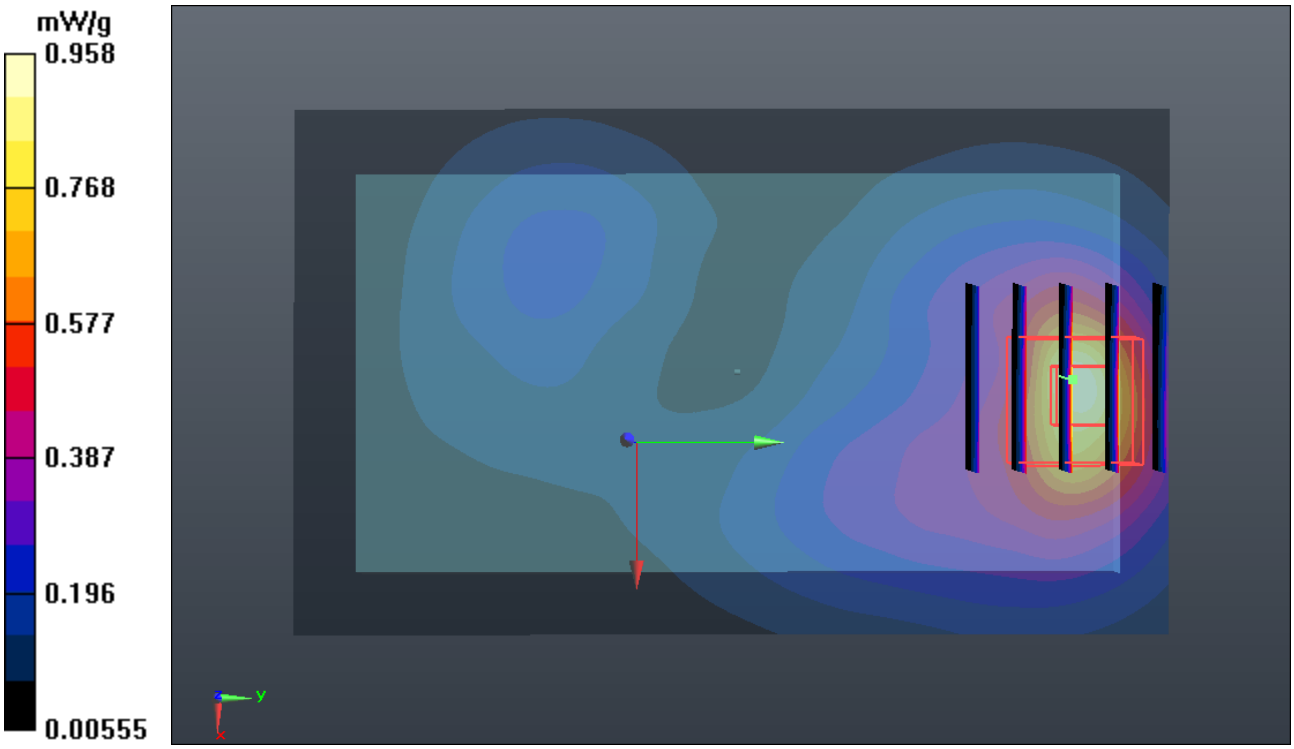
DUT: 1N0701

Communication System: LTE; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1860 MHz; σ = 1.486 mho/m; ε_r = 52.541; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18700/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.958 mW/g

Ch18700/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.345 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.527 W/kg
SAR(1 g) = 0.853 mW/g; SAR(10 g) = 0.449 mW/g
Maximum value of SAR (measured) = 0.934 mW/g


mW/g
0.958
0.768
0.577
0.387
0.196
0.00555
y

#74 LTE Band II_QPSK_RB(1 99)_Back_1cm_Ch19100_Earphone

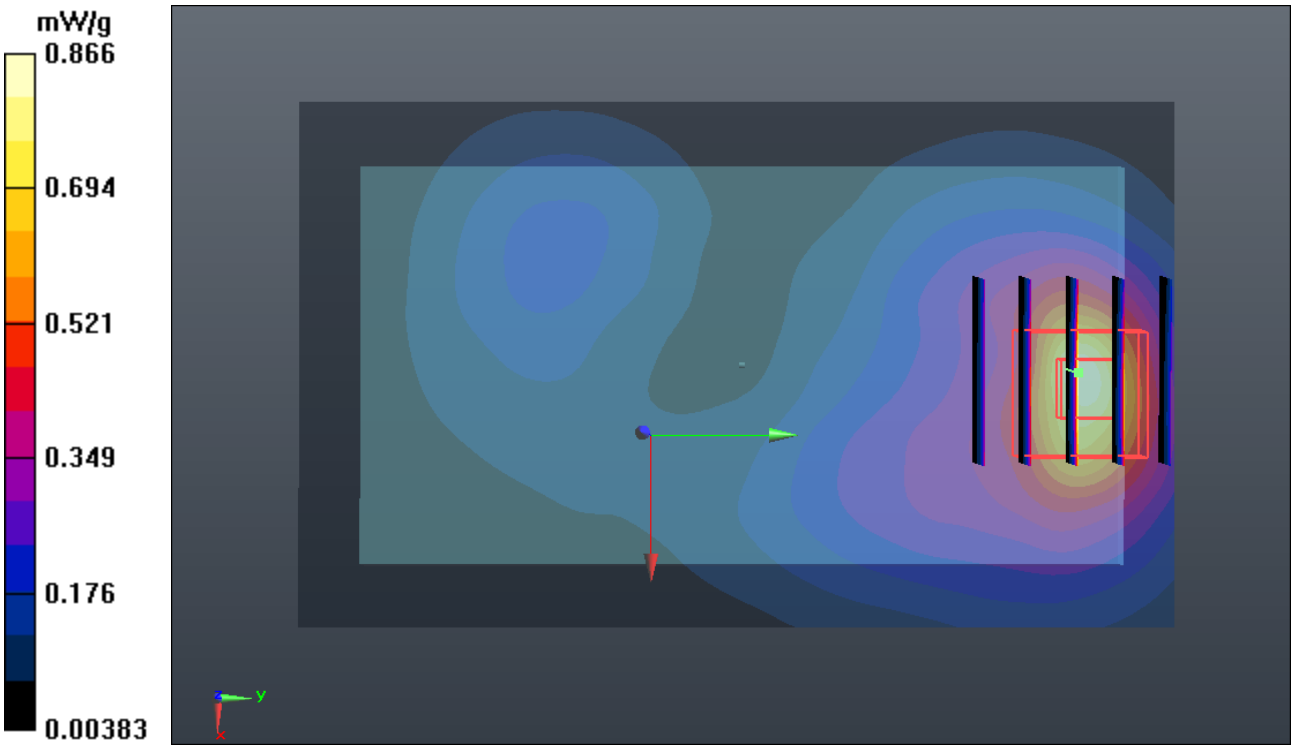
DUT: 1N0701

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120105 Medium parameters used: f = 1900 MHz; σ = 1.532 mho/m; ε_r = 52.397; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch19100/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.866 mW/g

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.818 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.394 W/kg
SAR(1 g) = 0.768 mW/g; SAR(10 g) = 0.402 mW/g
Maximum value of SAR (measured) = 0.850 mW/g


mW/g
0.866
0.694
0.521
0.349
0.176
0.00383
y

#75 LTE Band II_16QAM_RB(50 25)_Front_1cm_Ch18900

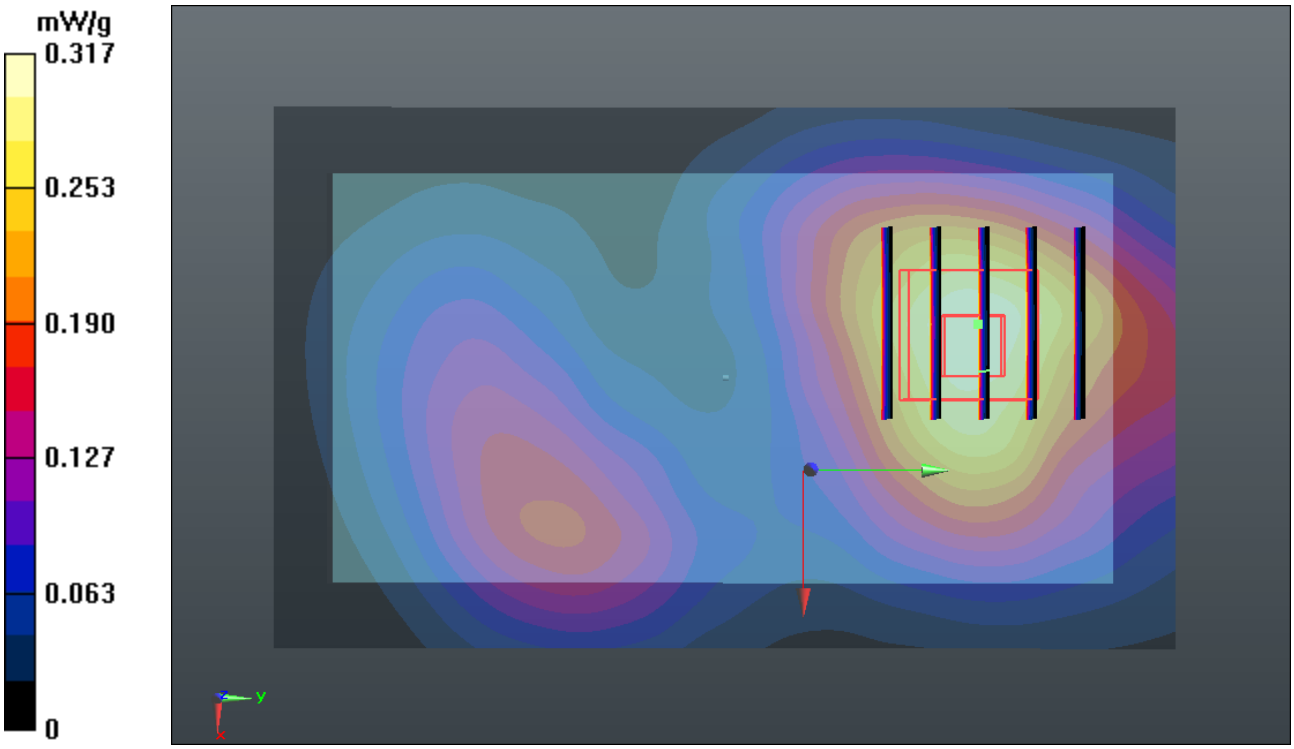
DUT: 1N0701

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120106 Medium parameters used: f = 1880 MHz; σ = 1.489 mho/m; ε_r = 53.955; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.317 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.300 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.458 W/kg
SAR(1 g) = 0.284 mW/g; SAR(10 g) = 0.175 mW/g
Maximum value of SAR (measured) = 0.304 mW/g


mW/g
0.317
0.253
0.190
0.127
0.063
0
y

#76 LTE Band II_16QAM_RB(50 25)_Back_1cm_Ch18900

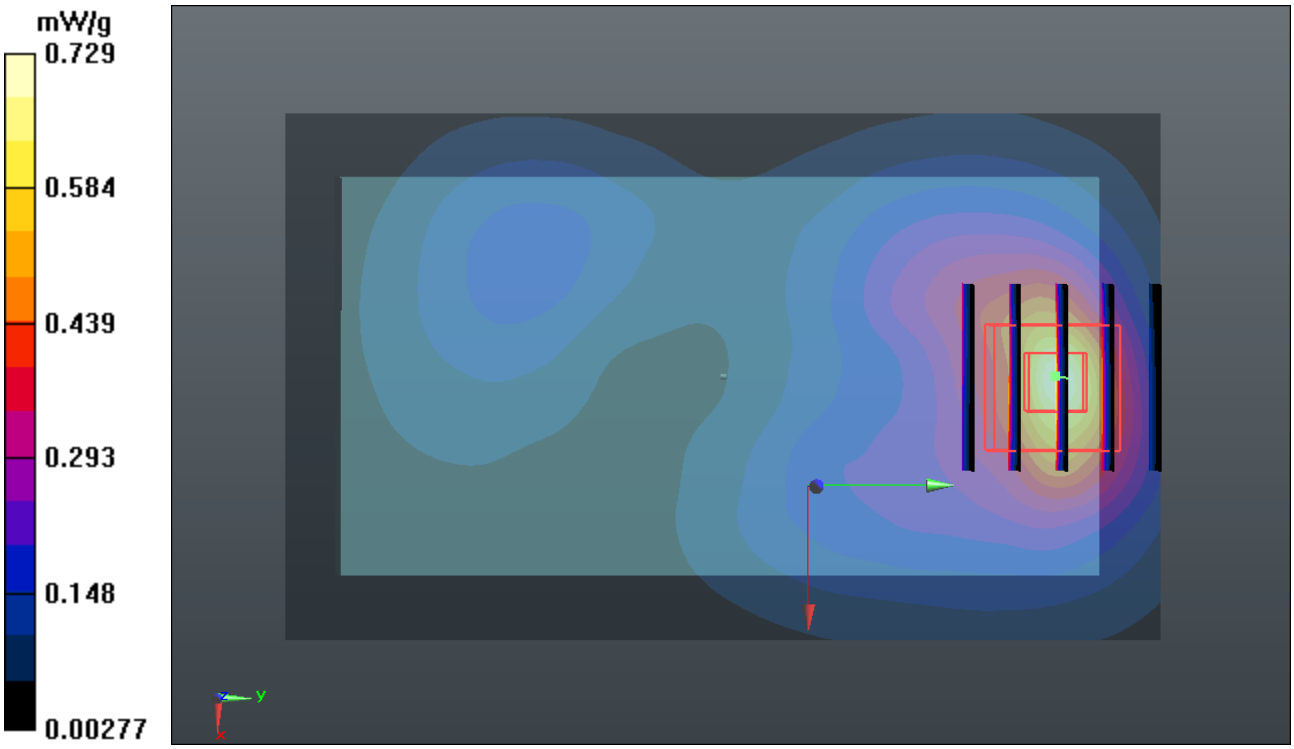
DUT: 1N0701

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120106 Medium parameters used: f = 1880 MHz; σ = 1.489 mho/m; ε_r = 53.955; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.729 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.078 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.156 W/kg
SAR(1 g) = 0.642 mW/g; SAR(10 g) = 0.334 mW/g
Maximum value of SAR (measured) = 0.732 mW/g


mW/g
0.729
0.584
0.439
0.293
0.148
0.00277
y

#76 LTE Band II_16QAM_RB(50 25)_Back_1cm_Ch18900_2D

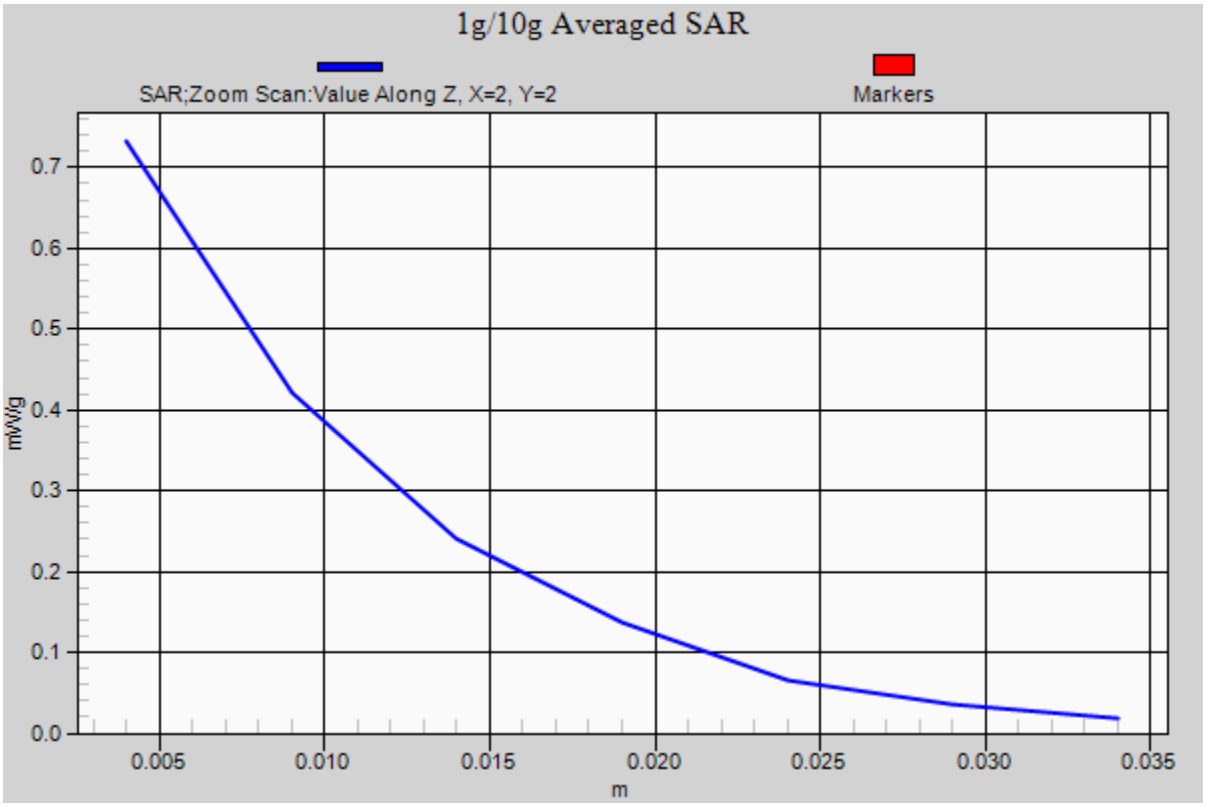
DUT: 1N0701

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120106 Medium parameters used: f = 1880 MHz; σ = 1.489 mho/m; ε_r = 53.955; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.729 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.078 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.156 W/kg
SAR(1 g) = 0.642 mW/g; SAR(10 g) = 0.334 mW/g
Maximum value of SAR (measured) = 0.732 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

#80 LTE Band II_16QAM_RB(50 25)_Back_1cm_Ch18900_Earphone

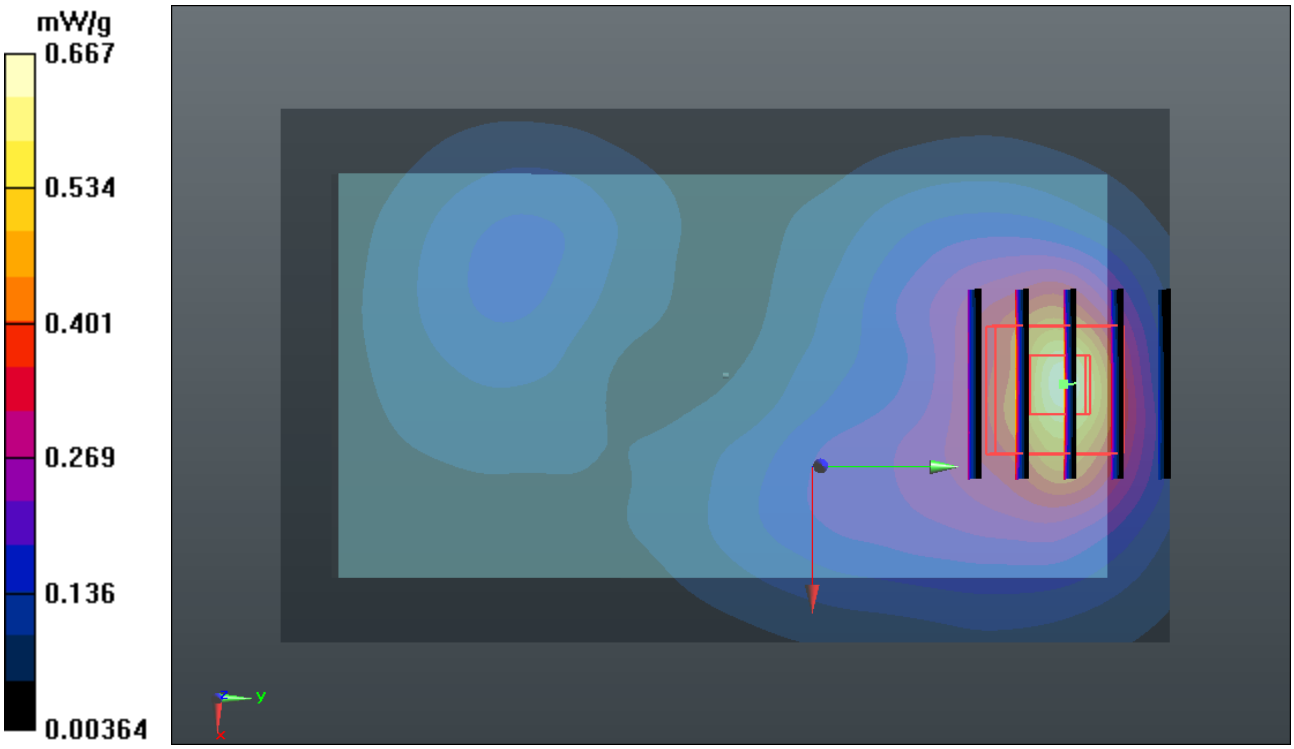
DUT: 1N0701

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120106 Medium parameters used: f = 1880 MHz; σ = 1.489 mho/m; ε_r = 53.955; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.667 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.902 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.070 W/kg
SAR(1 g) = 0.592 mW/g; SAR(10 g) = 0.309 mW/g
Maximum value of SAR (measured) = 0.677 mW/g


mW/g
0.667
0.534
0.401
0.269
0.136
0.00364
y

#81 LTE Band II_16QAM_RB(1 0)_Front_1cm_Ch19100

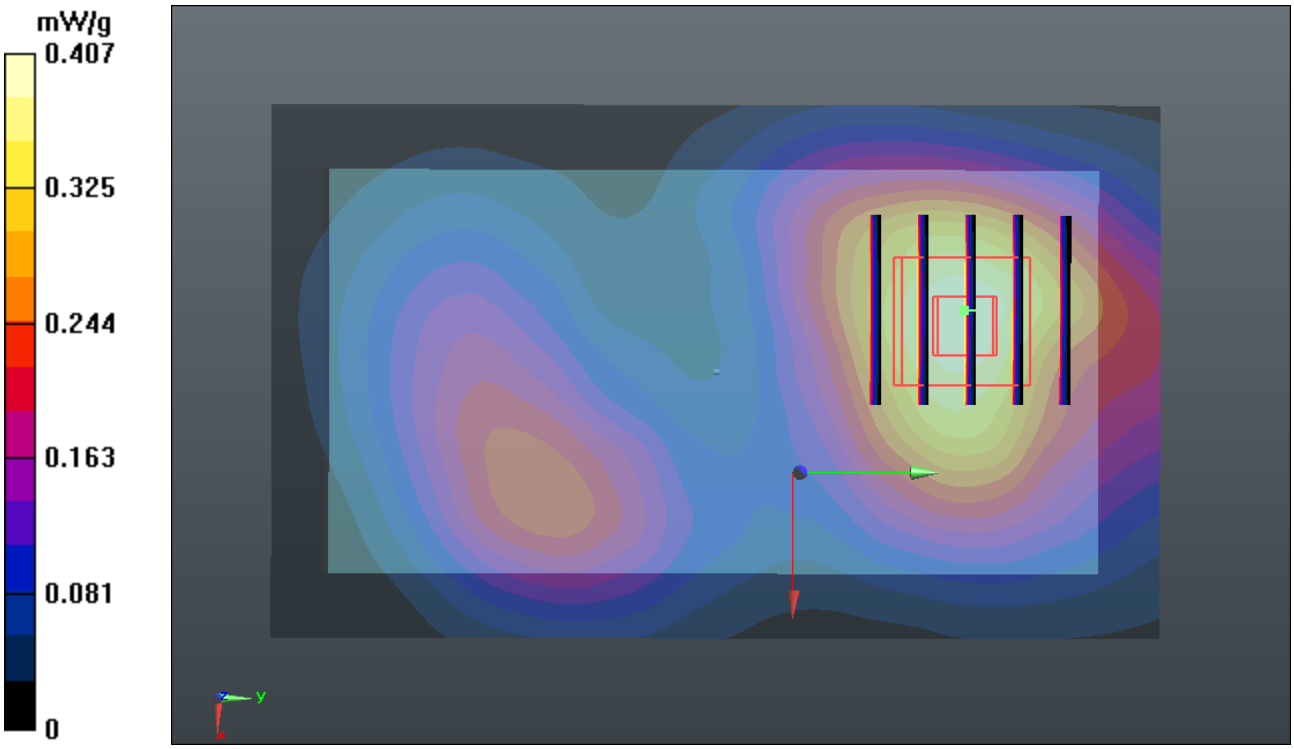
DUT: 1N0701

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120106 Medium parameters used: f = 1900 MHz; σ = 1.512 mho/m; ε_r = 53.903; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch19100/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.407 mW/g

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.244 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.576 W/kg
SAR(1 g) = 0.358 mW/g; SAR(10 g) = 0.221 mW/g
Maximum value of SAR (measured) = 0.382 mW/g


mW/g
0.407
0.325
0.244
0.163
0.081
0
y

#82 LTE Band II_16QAM_RB(1 0)_Back_1cm_Ch19100

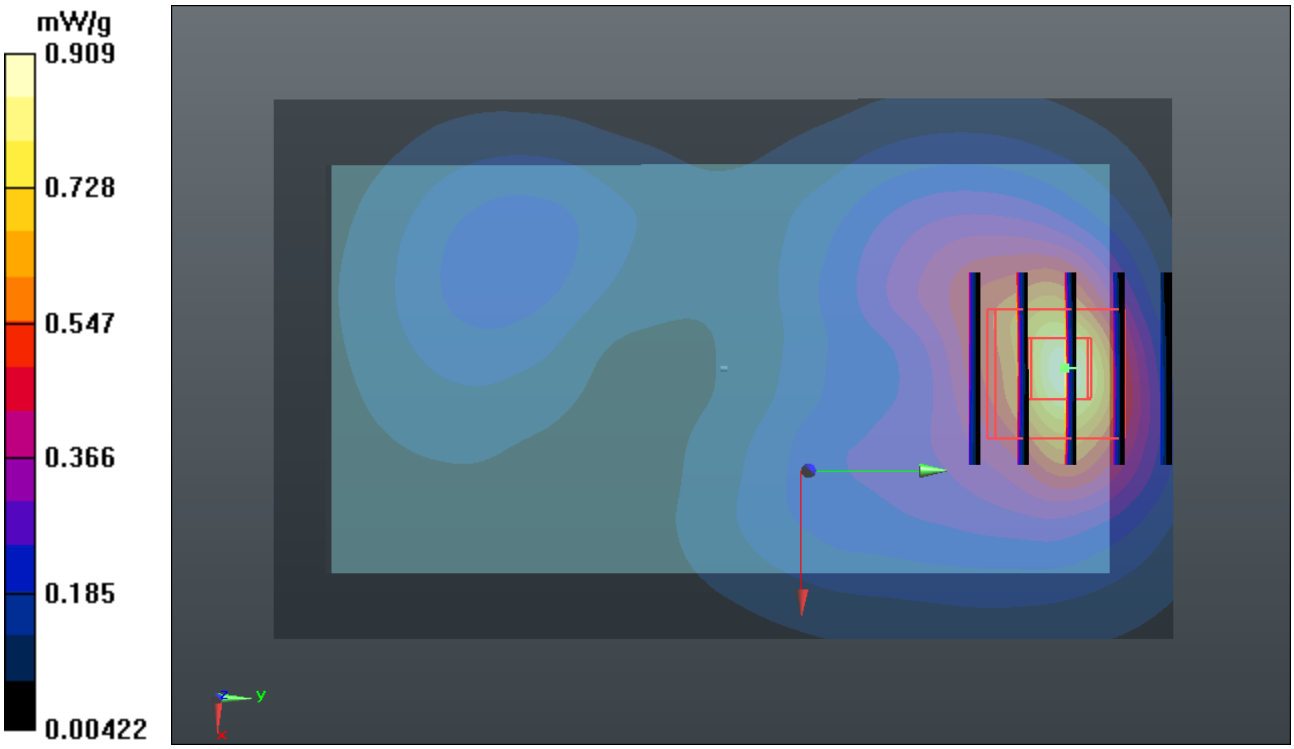
DUT: 1N0701

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120106 Medium parameters used: f = 1900 MHz; σ = 1.512 mho/m; ε_r = 53.903; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch19100/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.909 mW/g

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.938 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.468 W/kg
SAR(1 g) = 0.808 mW/g; SAR(10 g) = 0.422 mW/g
Maximum value of SAR (measured) = 0.916 mW/g


mW/g
0.909
0.728
0.547
0.366
0.185
0.00422
y

#82 LTE Band II_16QAM_RB(1 0)_Back_1cm_Ch19100_2D

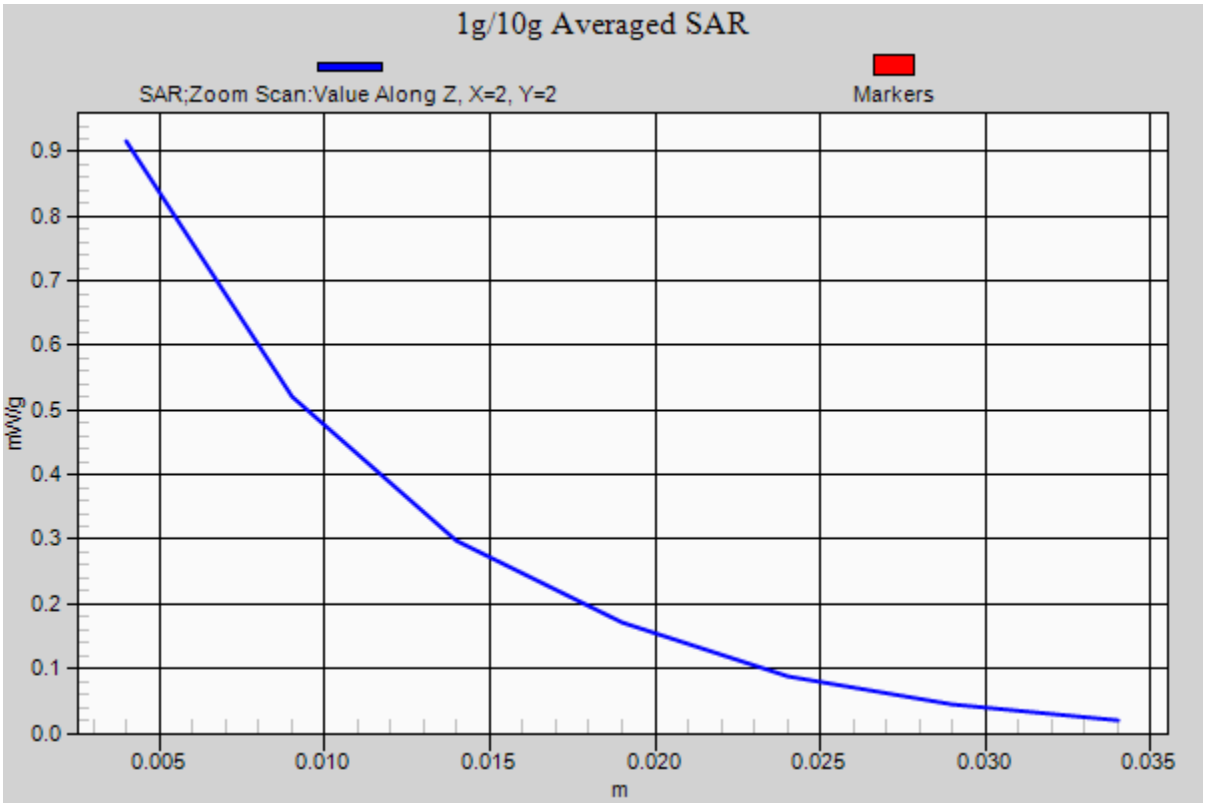
DUT: 1N0701

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120106 Medium parameters used: f = 1900 MHz; σ = 1.512 mho/m; ε_r = 53.903; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch19100/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.909 mW/g

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.938 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.468 W/kg
SAR(1 g) = 0.808 mW/g; SAR(10 g) = 0.422 mW/g
Maximum value of SAR (measured) = 0.916 mW/g


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

#86 LTE Band II_16QAM_RB(1 0)_Back_1cm_Ch19100_Earphone

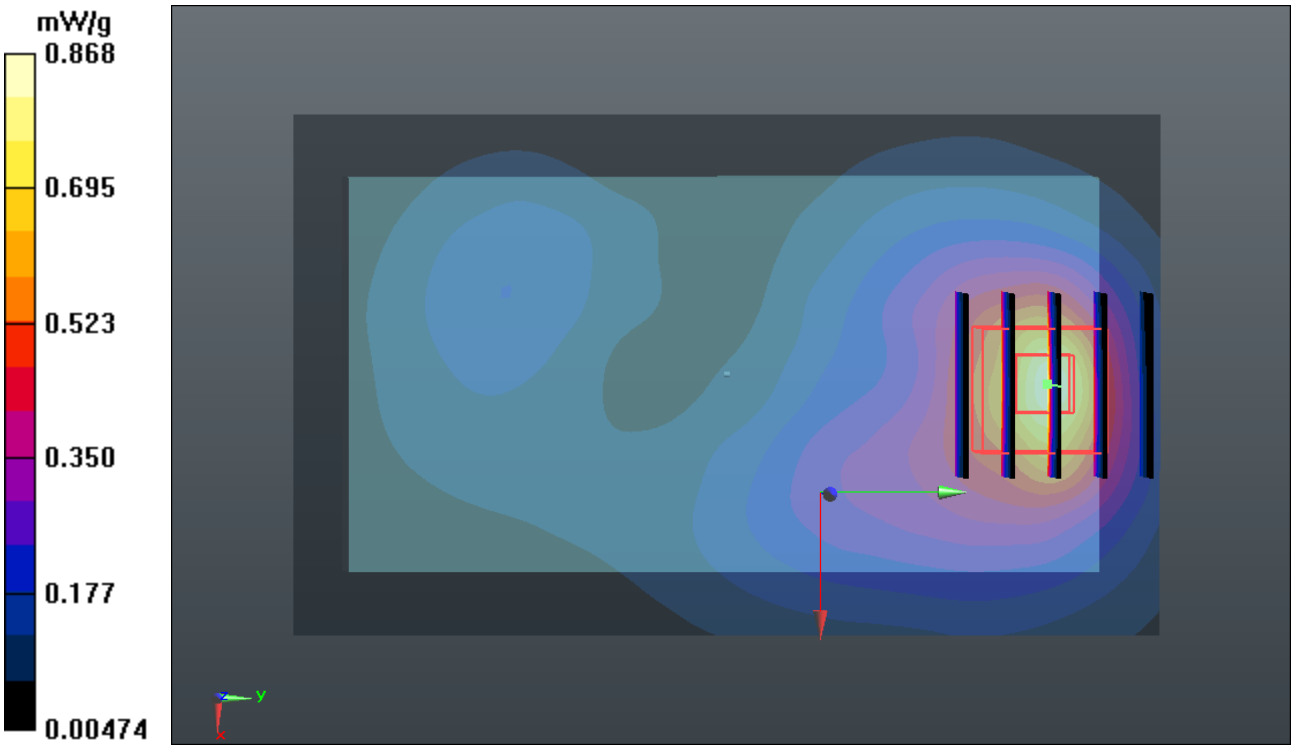
DUT: 1N0701

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120106 Medium parameters used: f = 1900 MHz; σ = 1.512 mho/m; ε_r = 53.903; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch19100/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.868 mW/g

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.596 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.398 W/kg
SAR(1 g) = 0.781 mW/g; SAR(10 g) = 0.410 mW/g
Maximum value of SAR (measured) = 0.887 mW/g


mW/g
0.868
0.695
0.523
0.350
0.177
0.00474
y

#87 LTE Band II_16QAM_RB(1 99)_Front_1cm_Ch19100

DUT: 1N0701

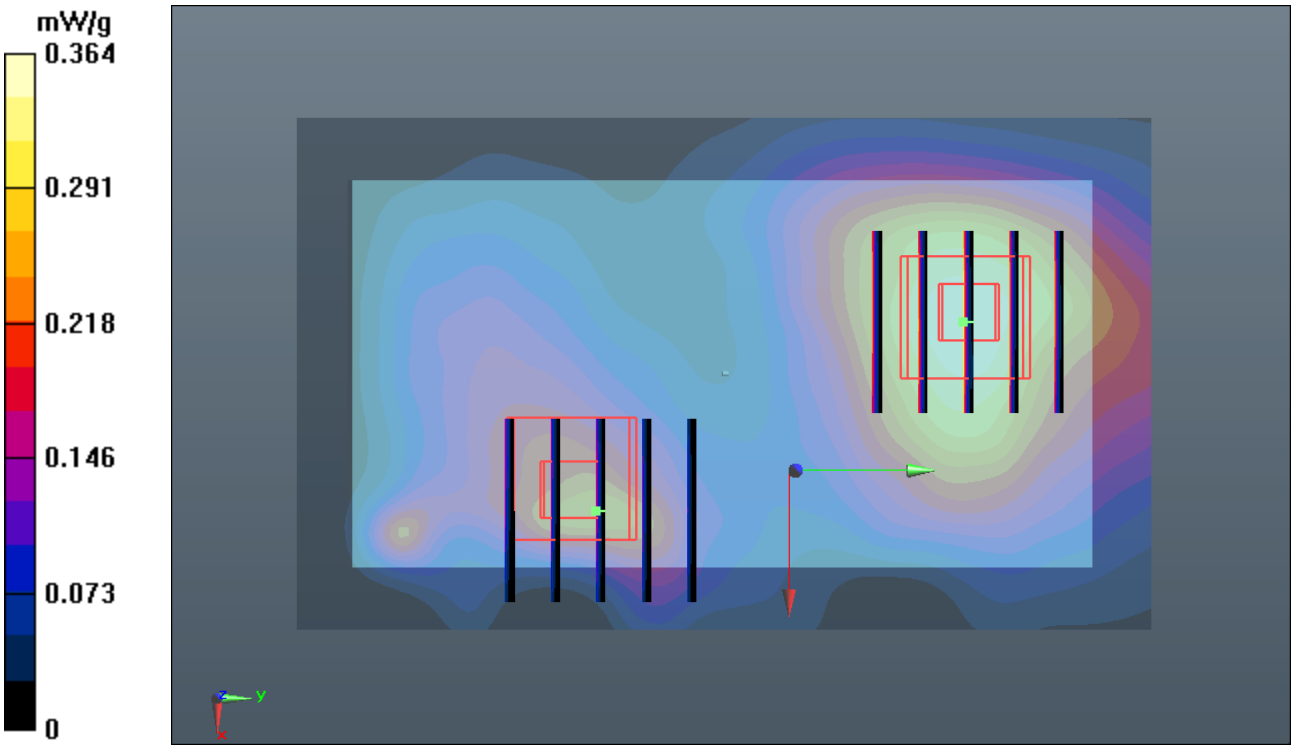
Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120106 Medium parameters used: f = 1900 MHz; σ = 1.512 mho/m; ε_r = 53.903; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch19100/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.364 mW/g

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.062 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.493 W/kg
SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.190 mW/g
Maximum value of SAR (measured) = 0.332 mW/g

Ch19100/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.062 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.285 W/kg
SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.104 mW/g
Maximum value of SAR (measured) = 0.184 mW/g


mW/g
0.364
0.291
0.218
0.146
0.073
0
y

#88 LTE Band II_16QAM_RB(1 99)_Back_1cm_Ch19100

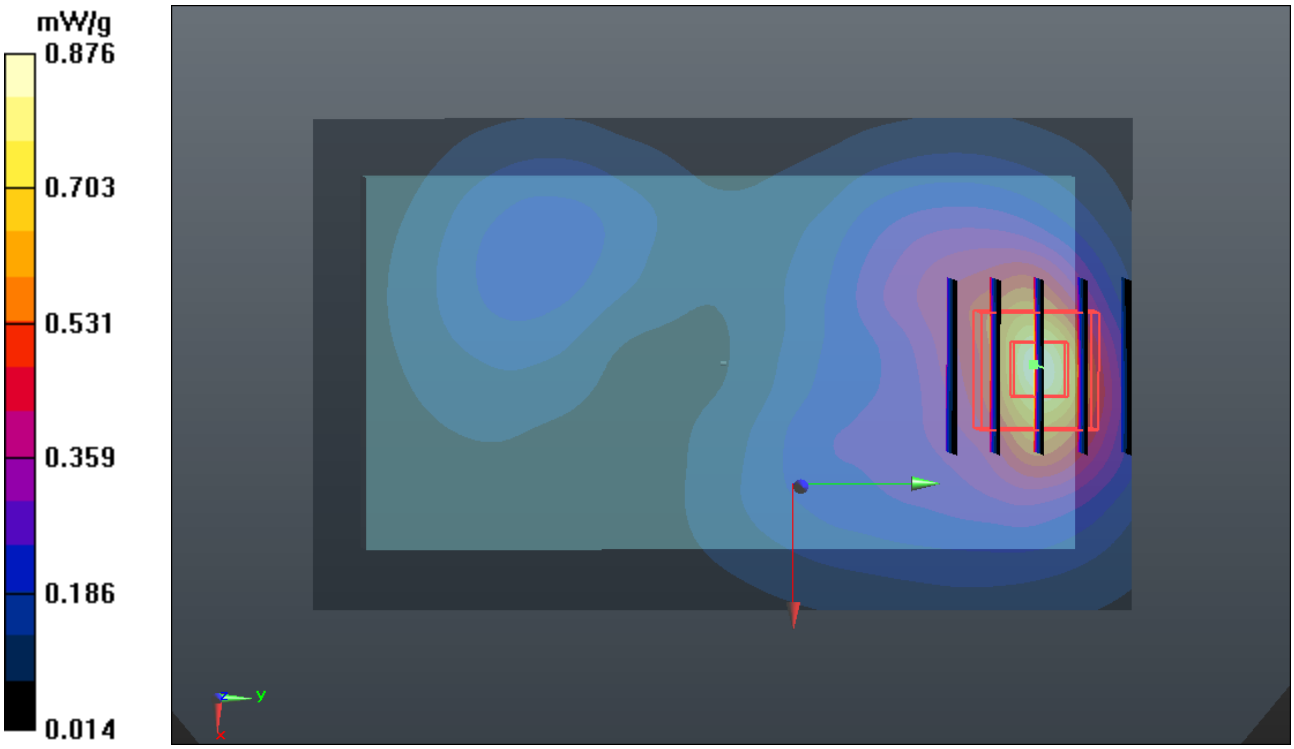
DUT: 1N0701

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120106 Medium parameters used: f = 1900 MHz; σ = 1.512 mho/m; ε_r = 53.903; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch19100/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.876 mW/g

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.248 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.319 W/kg
SAR(1 g) = 0.735 mW/g; SAR(10 g) = 0.388 mW/g
Maximum value of SAR (measured) = 0.833 mW/g


mW/g
0.876
0.703
0.531
0.359
0.186
0.014
y

#88 LTE Band II_16QAM_RB(1 99)_Back_1cm_Ch19100_2D

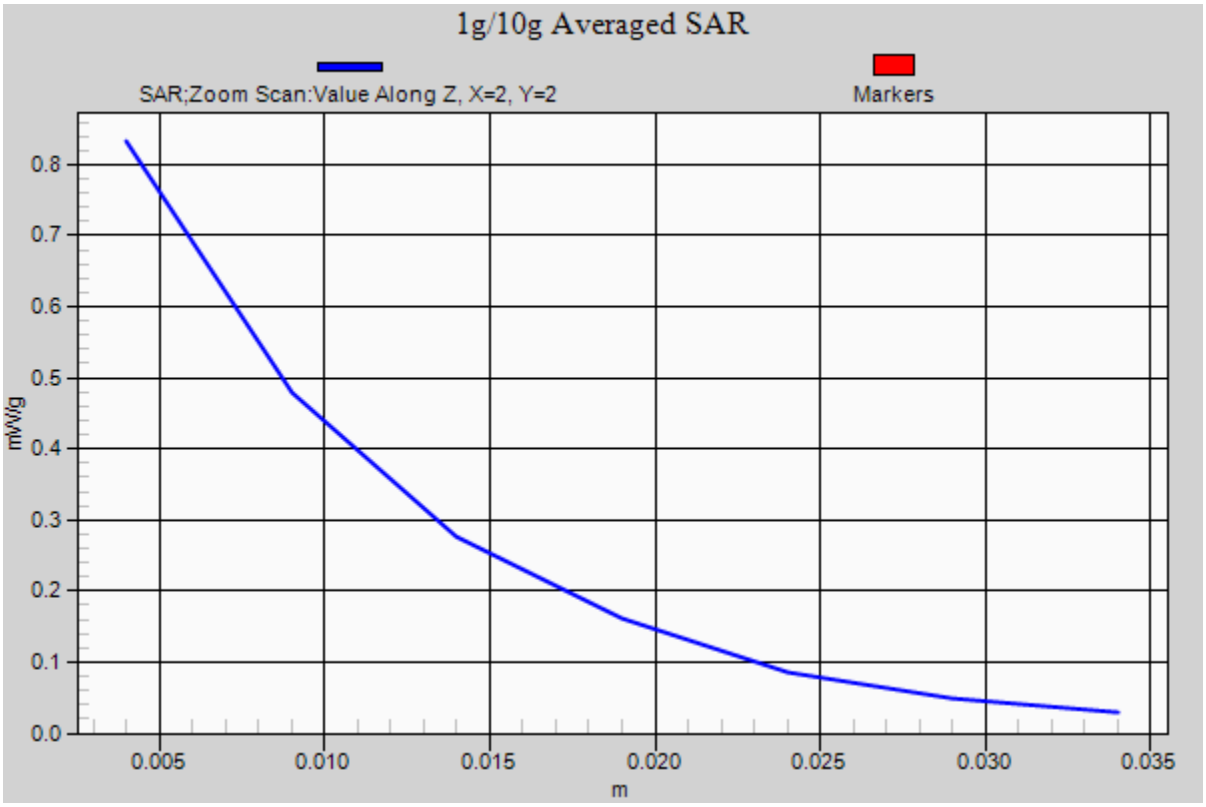
DUT: 1N0701

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120106 Medium parameters used: f = 1900 MHz; σ = 1.512 mho/m; ε_r = 53.903; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch19100/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.876 mW/g

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.248 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.319 W/kg
SAR(1 g) = 0.735 mW/g; SAR(10 g) = 0.388 mW/g
Maximum value of SAR (measured) = 0.833 mW/g


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

#92 LTE Band II_16QAM_RB(1 99)_Back_1cm_Ch19100_Earphone

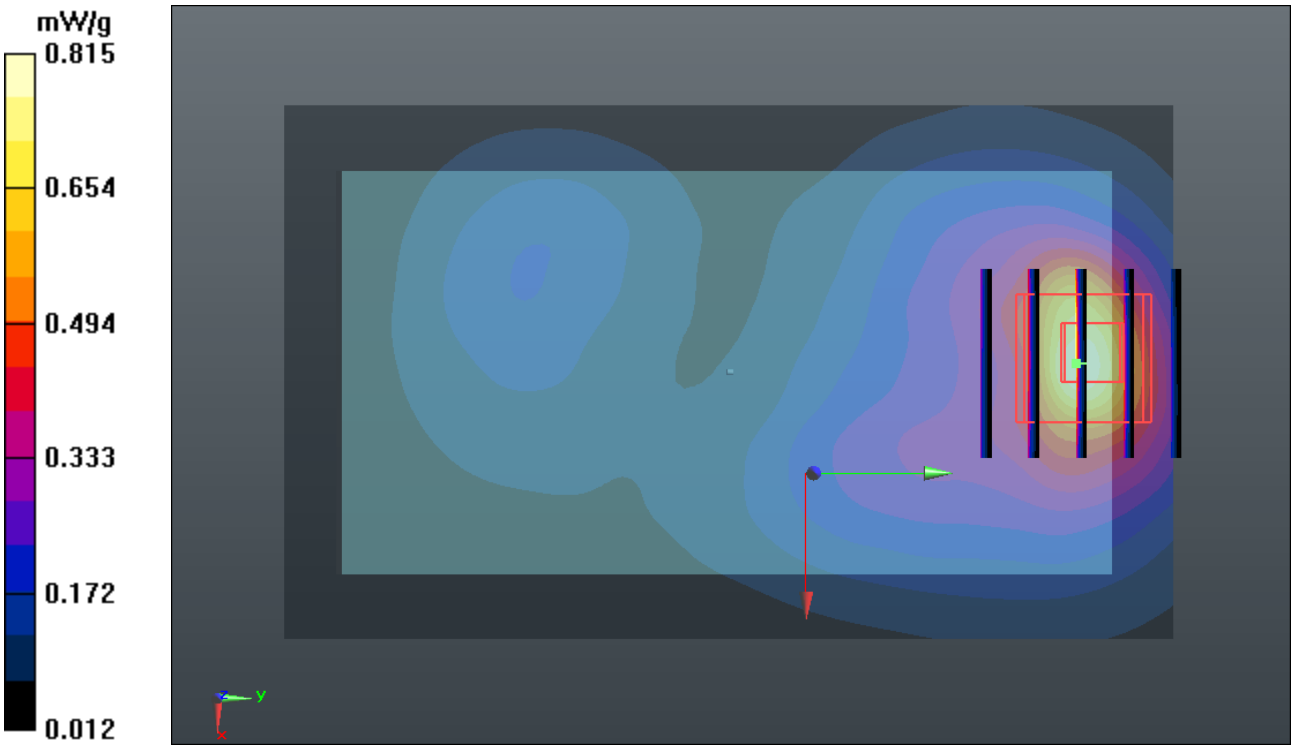
DUT: 1N0701

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120106 Medium parameters used: f = 1900 MHz; σ = 1.512 mho/m; ε_r = 53.903; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch19100/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.815 mW/g

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.962 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.223 W/kg
SAR(1 g) = 0.695 mW/g; SAR(10 g) = 0.370 mW/g
Maximum value of SAR (measured) = 0.737 mW/g


mW/g
0.815
0.654
0.494
0.333
0.172
0.012
y

#239 LTE Band II_QPSK_RB(1 99)_Back_1cm_Ch18900_19

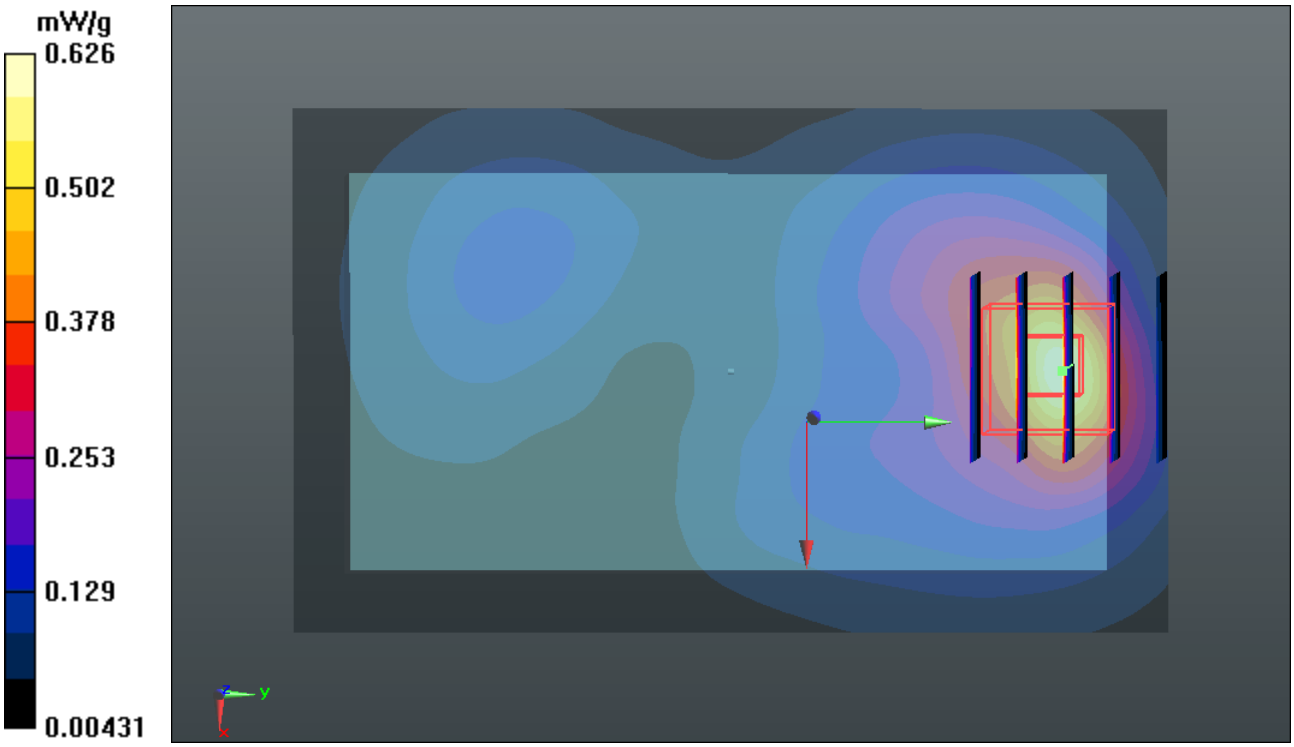
DUT: 1N0701

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120120 Medium parameters used: f = 1880 MHz; σ = 1.518 mho/m; ε_r = 52.569; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.626 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.962 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.021 W/kg
SAR(1 g) = 0.572 mW/g; SAR(10 g) = 0.302 mW/g
Maximum value of SAR (measured) = 0.640 mW/g


mW/g
0.626
0.502
0.378
0.253
0.129
0.00431
y

#219 802.11B_Front_1cm_1M_Ch11

DUT: 1N0701

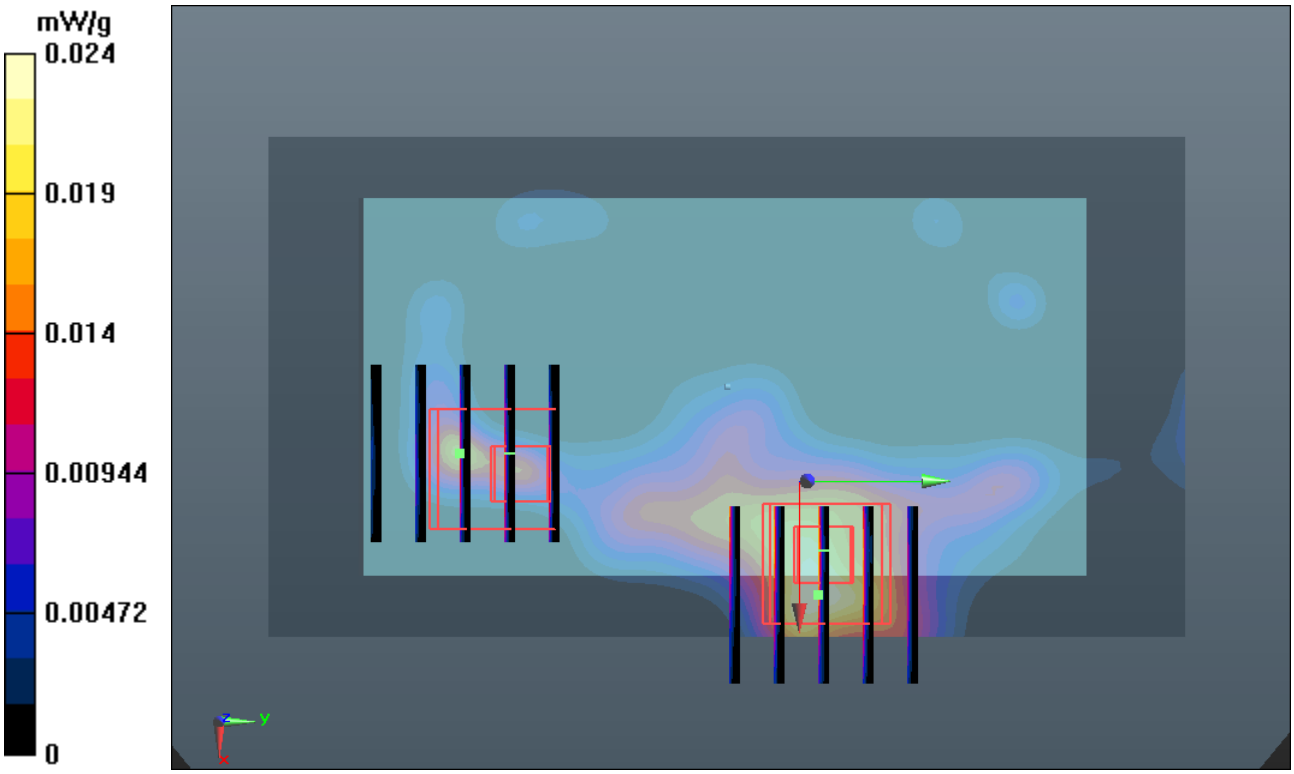
Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120116 Medium parameters used: f = 2462 MHz; σ = 2.027 mho/m; ε_r = 53.408; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.024 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.716 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.024 W/kg
SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00797 mW/g
Maximum value of SAR (measured) = 0.017 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.716 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.023 W/kg
SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00368 mW/g
Maximum value of SAR (measured) = 0.014 mW/g


mW/g
0.024
0.019
0.014
0.00944
0.00472
0
y

#220 802.11B_Back_1cm_1M_Ch11

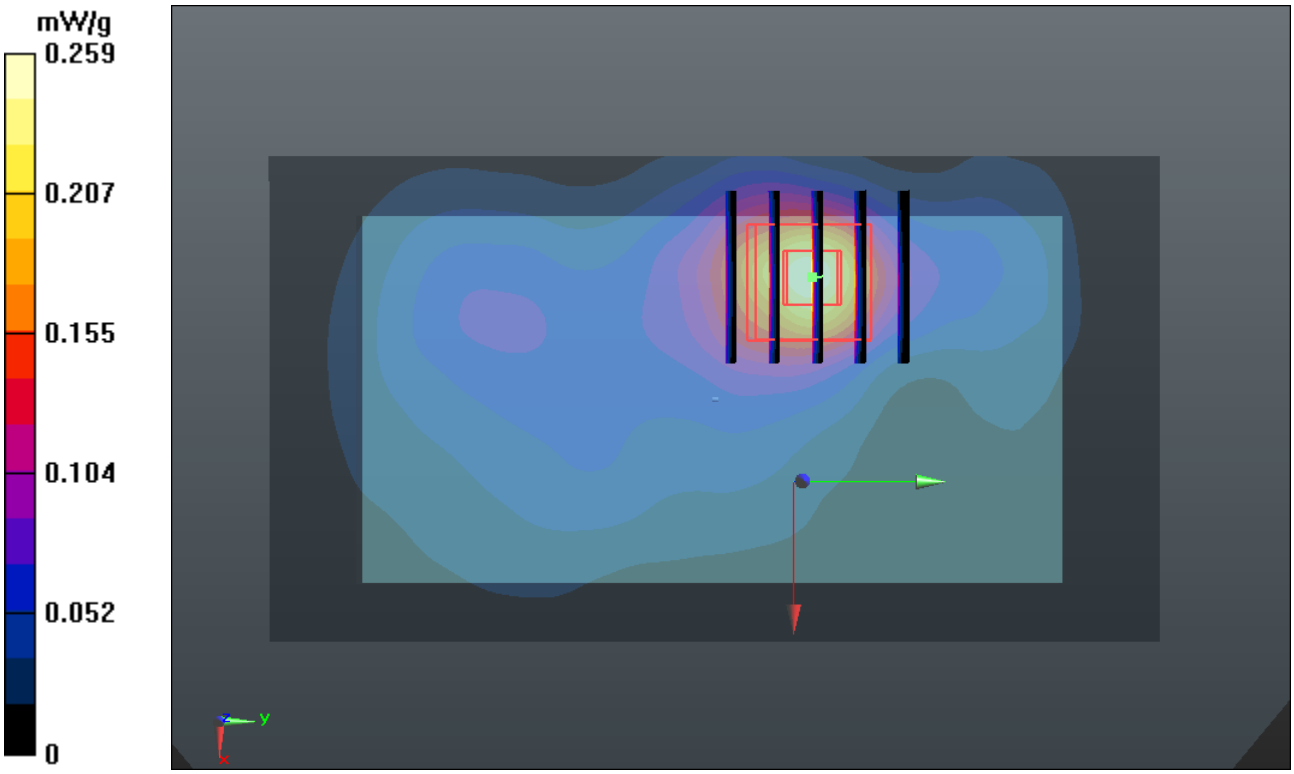
DUT: 1N0701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120116 Medium parameters used: f = 2462 MHz; σ = 2.027 mho/m; ε_r = 53.408; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.259 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.630 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.400 W/kg
SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.114 mW/g
Maximum value of SAR (measured) = 0.250 mW/g


mW/g
0.259
0.207
0.155
0.104
0.052
0
y

#220 802.11B_Back_1cm_1M_Ch11_2D

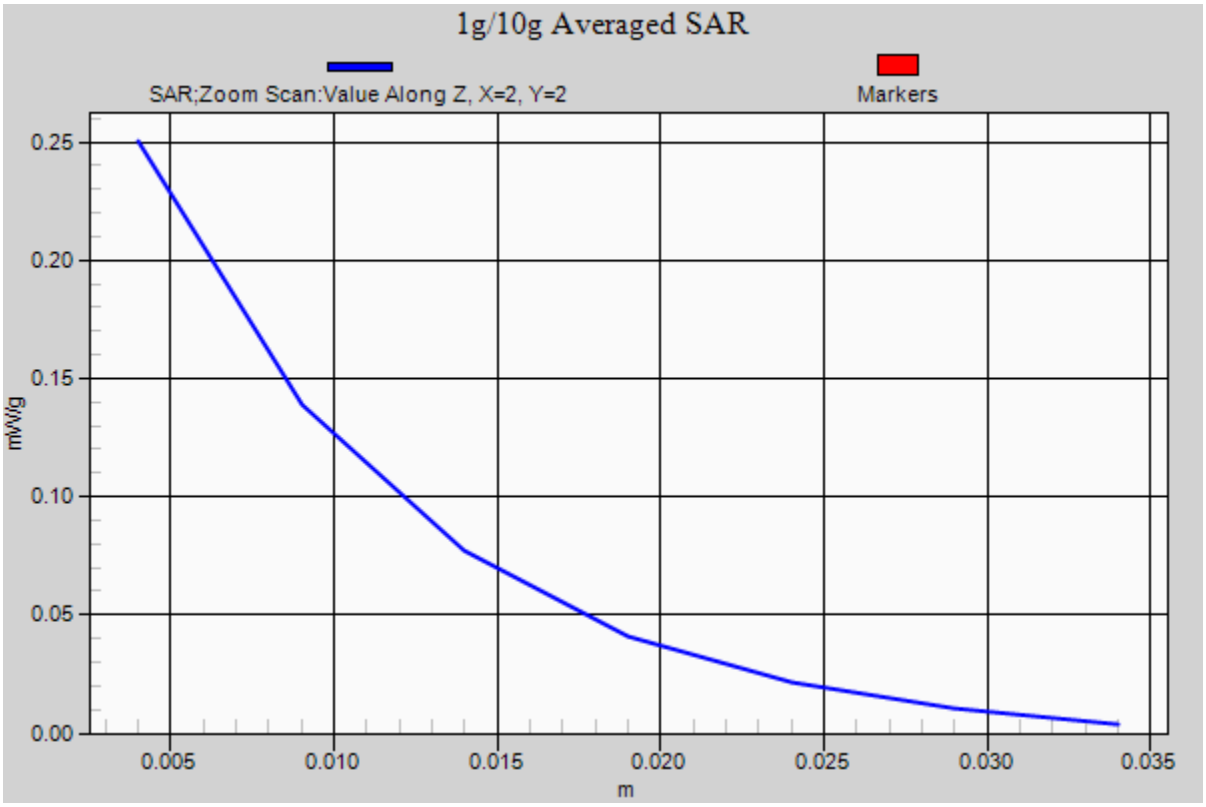
DUT: 1N0701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120116 Medium parameters used: f = 2462 MHz; σ = 2.027 mho/m; ε_r = 53.408; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.259 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.630 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.400 W/kg
SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.114 mW/g
Maximum value of SAR (measured) = 0.250 mW/g


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

#223 802.11B_Back_1cm_1M_Ch11_Earphone

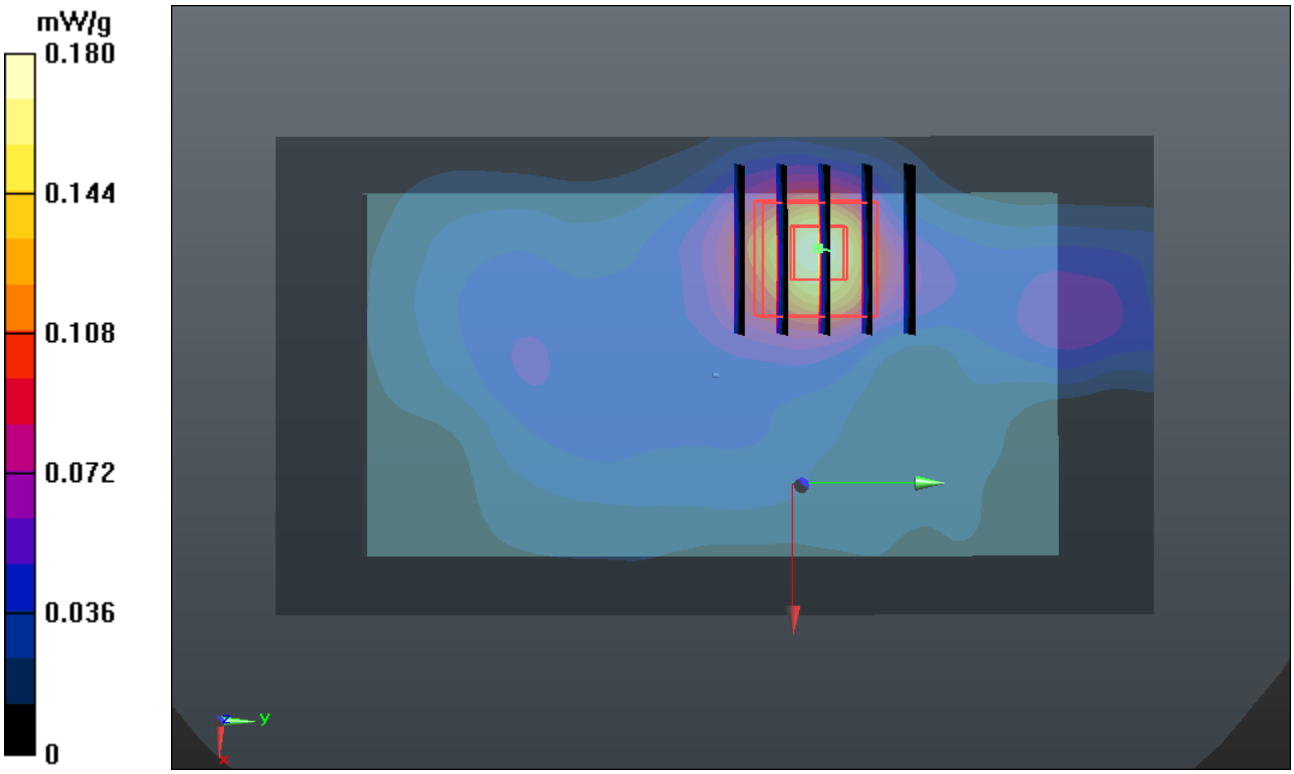
DUT: 1N0701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120116 Medium parameters used: f = 2462 MHz; σ = 2.027 mho/m; ε_r = 53.408; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.180 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.620 V/m; Power Drift = 0.0067 dB
Peak SAR (extrapolated) = 0.329 W/kg
SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.077 mW/g
Maximum value of SAR (measured) = 0.175 mW/g


mW/g
0.180
0.144
0.108
0.072
0.036
0
y

#269 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25_15

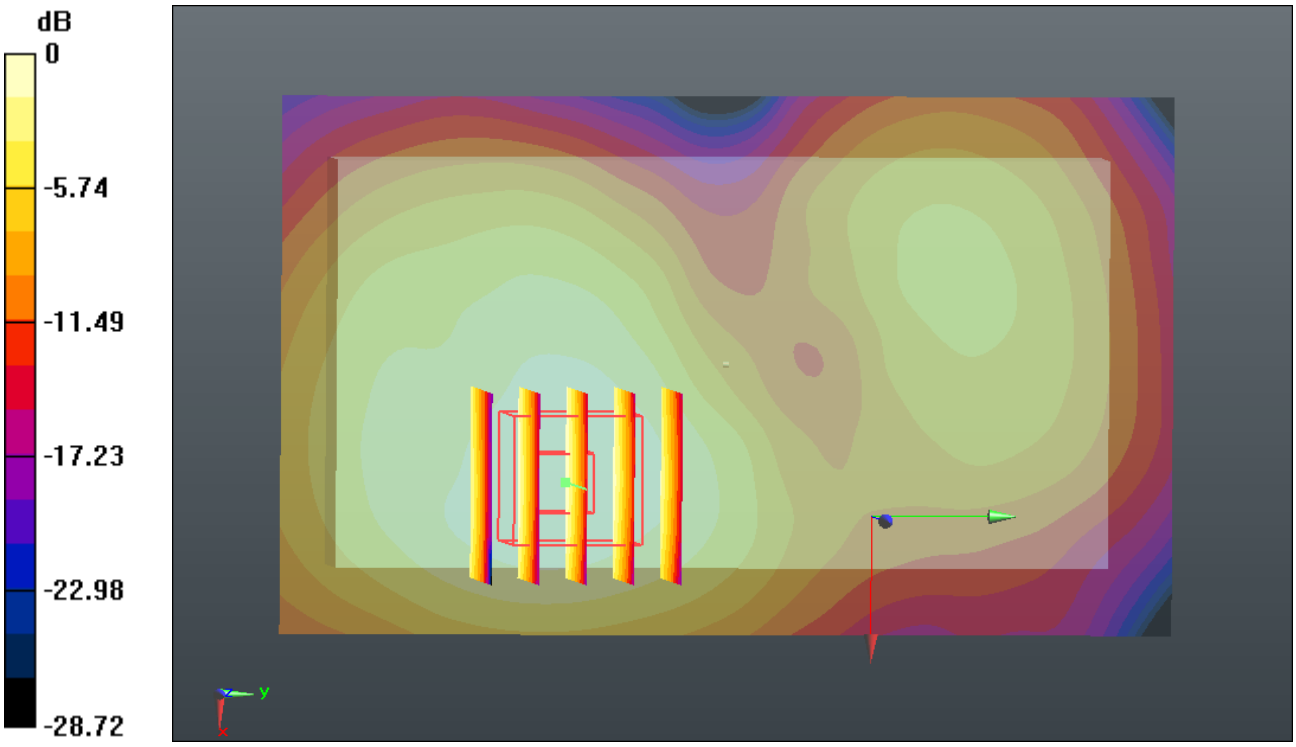
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120120 Medium parameters used: f = 1851.25 MHz; σ = 1.476 mho/m; ε_r = 52.574; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.132 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.714 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.196 W/kg
SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.073 mW/g
Maximum value of SAR (measured) = 0.132 mW/g



0 dB = 0.130mW/g

#270 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25_Earphone_15

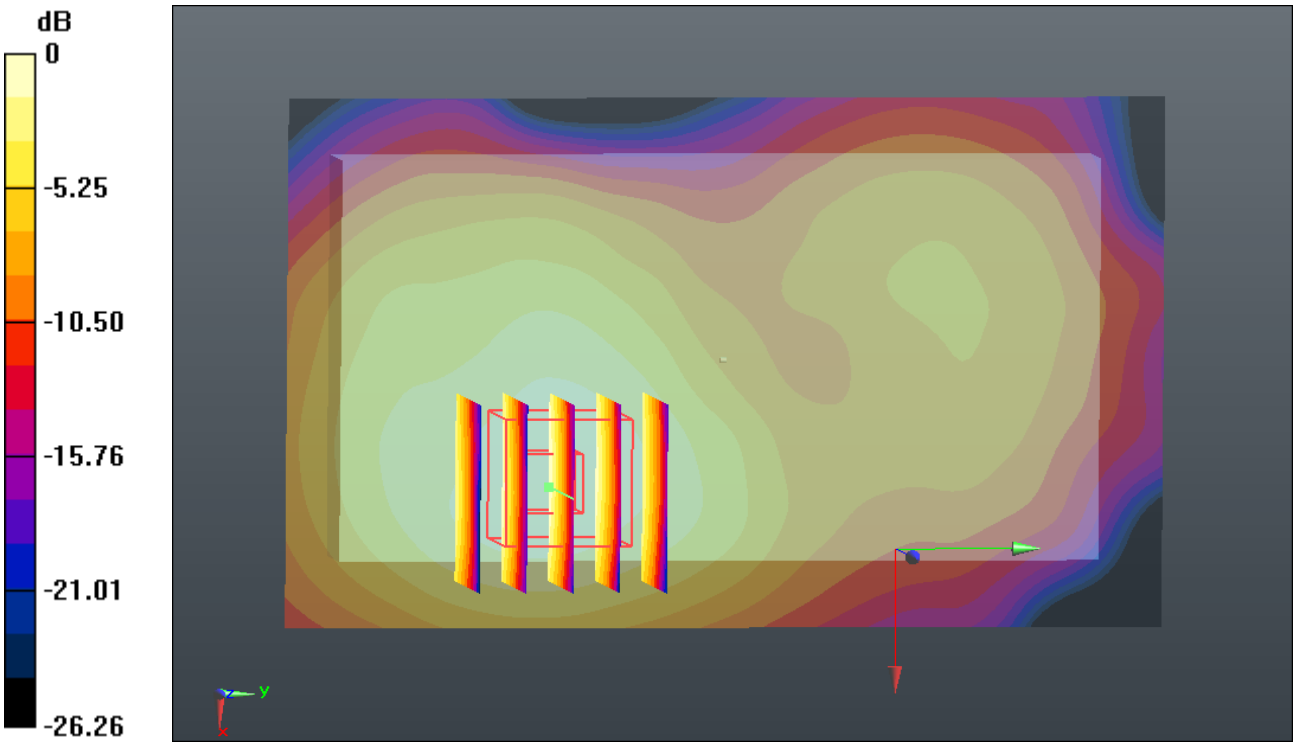
DUT: 1N0701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120120 Medium parameters used: f = 1851.25 MHz; σ = 1.476 mho/m; ε_r = 52.574; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.116 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.939 V/m; Power Drift = 0.046 dB
Peak SAR (extrapolated) = 0.179 W/kg
SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.064 mW/g
Maximum value of SAR (measured) = 0.120 mW/g



0 dB = 0.120mW/g

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

#234 CDMA2000 BC15_RTAP 153.6_Back_1cm_Ch875

DUT: 1N0701

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1
Medium: MSL_1800_120120 Medium parameters used: f = 1754 MHz; σ = 1.516 mho/m; ε_r = 55.567; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011/9/2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/1/19

#32 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch1013

DUT: 1N0701

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium: MSL_835_120119 Medium parameters used: f = 825 MHz; σ = 0.958 mho/m; ε_r = 54.451; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011/9/2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/1/19

#220 802.11B_Back_1cm_1M_Ch11

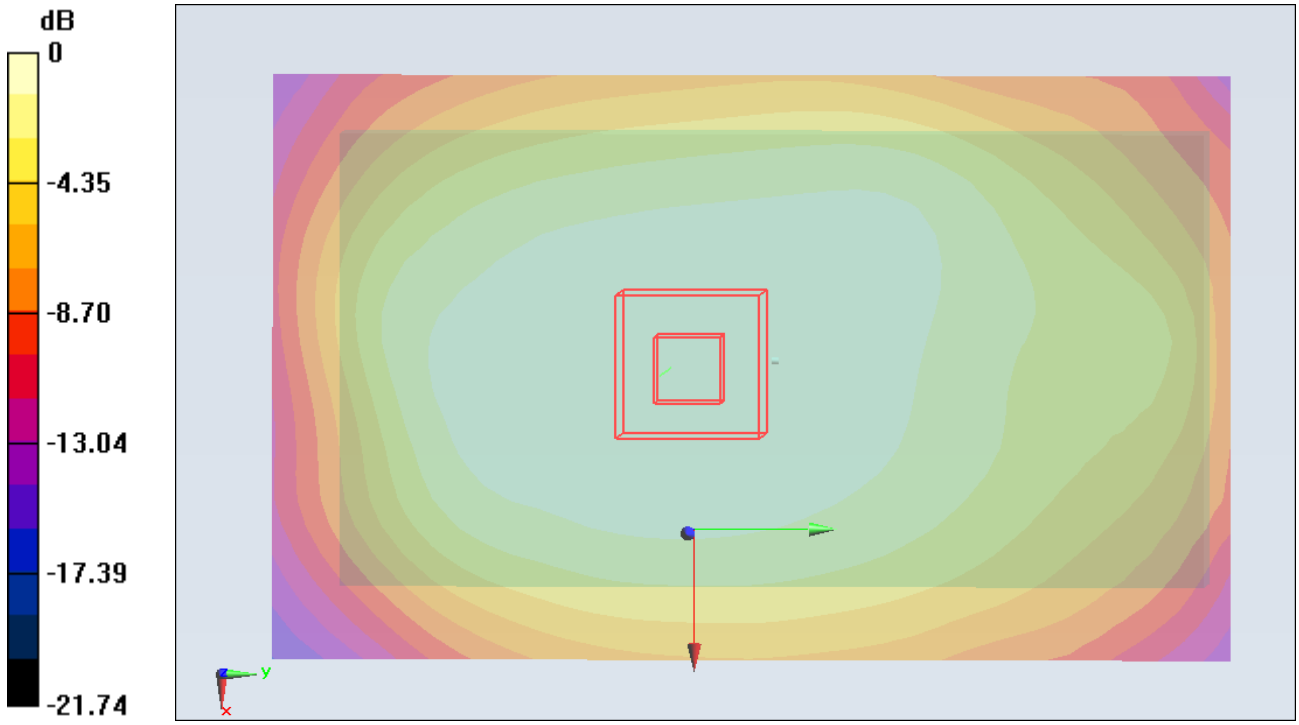
DUT: 1N0701

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium: MSL_2450_120119 Medium parameters used: f = 2462 MHz; σ = 1.977 mho/m; ε_r = 53.795; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011/9/2

- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Multi Band Result:
SAR(1 g) = 1.49 mW/g; SAR(10 g) = 1.12 mW/g
Maximum value of SAR (interpolated) = 1.938 mW/g



0 dB = 1.940mW/g = 5.76 dB mW/g

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

#236 CDMA2000 BC1_RTAP 153.6_Back_1cm_Ch25

DUT: 1N0701

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium: MSL_1900_120120 Medium parameters used : f = 1851.25 MHz; σ = 1.476 mho/m; ε_r = 52.574; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/1/19

#32 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch1013

DUT: 1N0701

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium: MSL_835_120119 Medium parameters used: f = 825 MHz; σ = 0.958 mho/m; ε_r = 54.451; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011/9/2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/1/19

#220 802.11B_Back_1cm_1M_Ch11

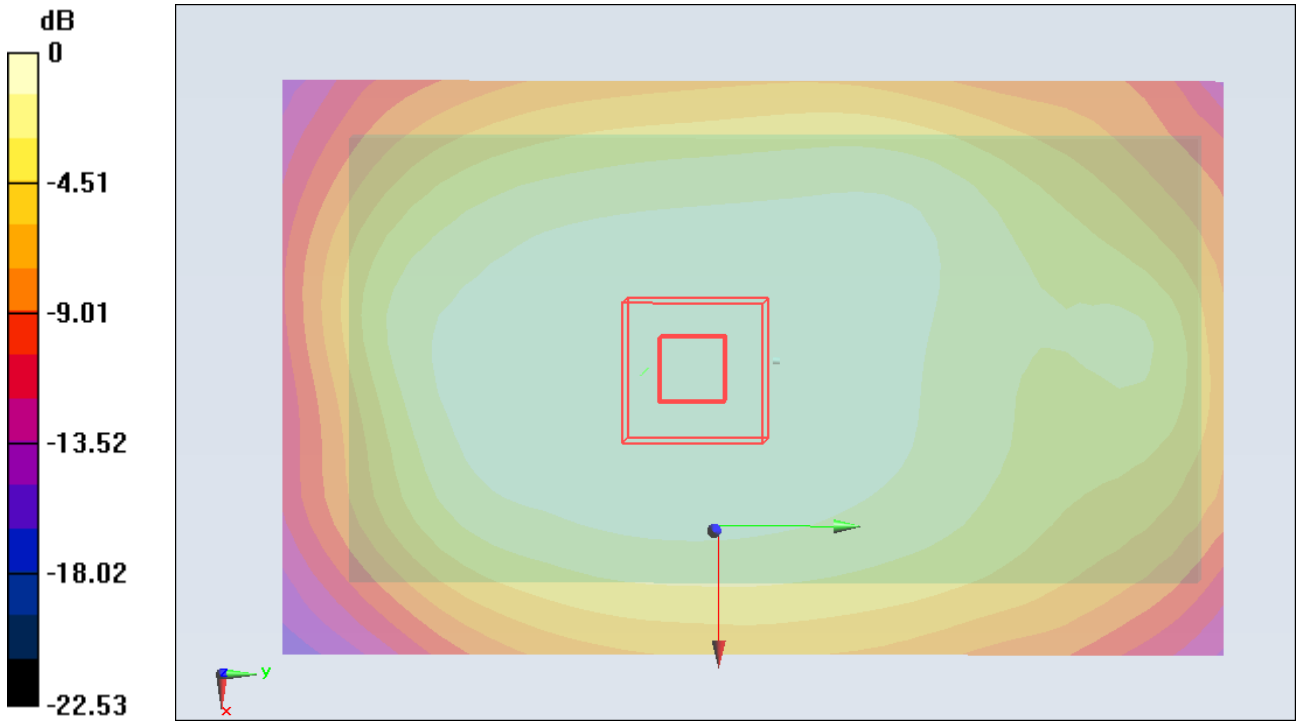
DUT: 1N0701

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium: MSL_2450_120119 Medium parameters used: f = 2462 MHz; σ = 1.977 mho/m; ε_r = 53.795; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011/9/2

- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Multi Band Result:
SAR(1 g) = 1.48 mW/g; SAR(10 g) = 1.11 mW/g
Maximum value of SAR (interpolated) = 1.928 mW/g



0 dB = 1.930mW/g = 5.71 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/1/19

#12 CDMA2000 BC1_RTAP 153.6_Back_1cm_Ch25

DUT: 1N0701

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium: MSL_1900_120119 Medium parameters used : f = 1851.25 MHz; σ = 1.461 mho/m; ε_r = 53.588; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/2/7

#260 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch1013

DUT: 1N0701

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium: MSL_835_120207 Medium parameters used: f = 825 MHz; σ = 0.967 mho/m; ε_r = 54.44; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011/9/2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/1/19

#220 802.11B_Back_1cm_1M_Ch11

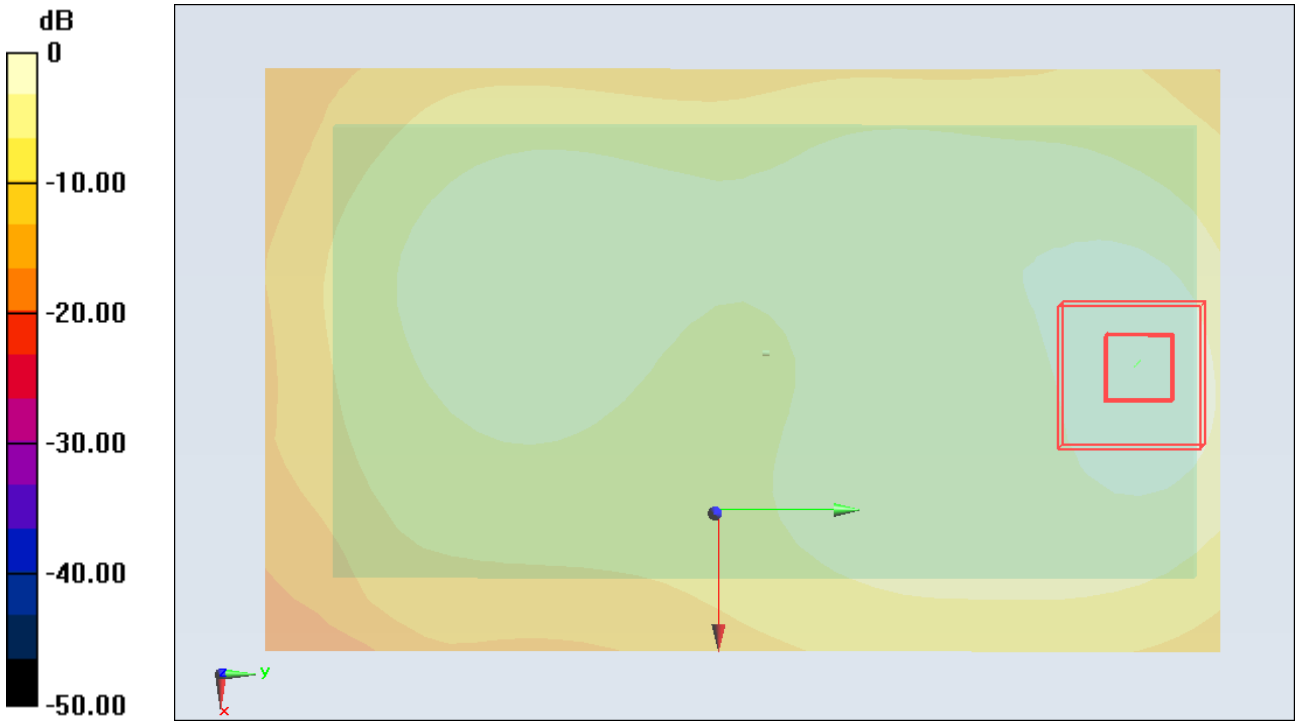
DUT: 1N0701

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium: MSL_2450_120119 Medium parameters used: f = 2462 MHz; σ = 1.977 mho/m; ε_r = 53.795; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011/9/2
- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Multi Band Result:
SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.684 mW/g
Maximum value of SAR (interpolated) = 2.480 mW/g



0 dB = 2.480mW/g = 7.89 dB mW/g

Date: 2012/1/19
Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/1/19

#12 CDMA2000 BC1_RTAP 153.6_Back_1cm_Ch25

DUT: 1N0701

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium: MSL_1900_120119 Medium parameters used : f = 1851.25 MHz; σ = 1.461 mho/m; ε_r = 53.588; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/2/6

#258 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch875

DUT: 1N0701

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1
Medium: MSL_1800_120206 Medium parameters used: f = 1754 MHz; σ = 1.506 mho/m; ε_r = 55.558; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011/9/2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/1/19

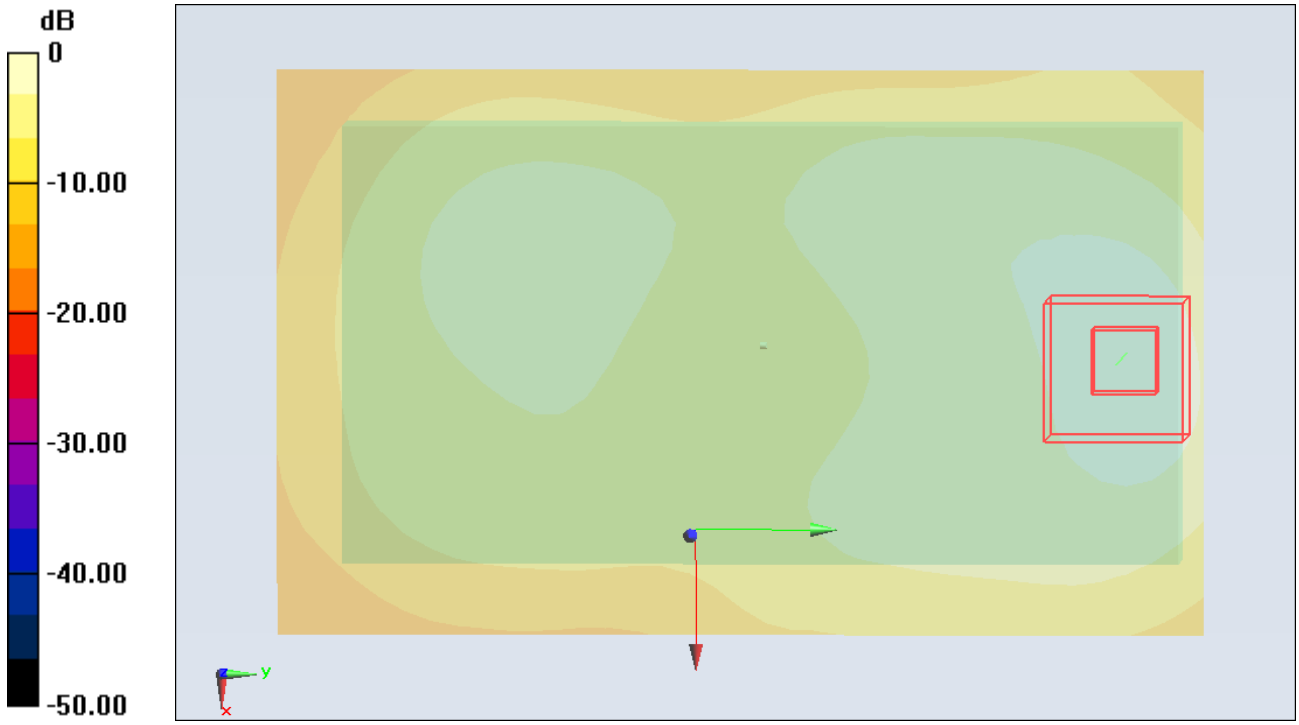
#220 802.11B_Back_1cm_1M_Ch11

DUT: 1N0701

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium: MSL_2450_120119 Medium parameters used: f = 2462 MHz; σ = 1.977 mho/m; ε_r = 53.795; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011/9/2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Multi Band Result:
SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.680 mW/g
Maximum value of SAR (interpolated) = 2.447 mW/g



0 dB = 2.450mW/g = 7.78 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/1/19

#12 CDMA2000 BC1_RTAP 153.6_Back_1cm_Ch25

DUT: 1N0701

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium: MSL_1900_120119 Medium parameters used : f = 1851.25 MHz; σ = 1.461 mho/m; ε_r = 53.588; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/2/6

#256 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25

DUT: 1N0701

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium: MSL_1900_120206 Medium parameters used : f = 1851.25 MHz; σ = 1.453 mho/m; ε_r = 53.923; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/1/19

#220 802.11B_Back_1cm_1M_Ch11

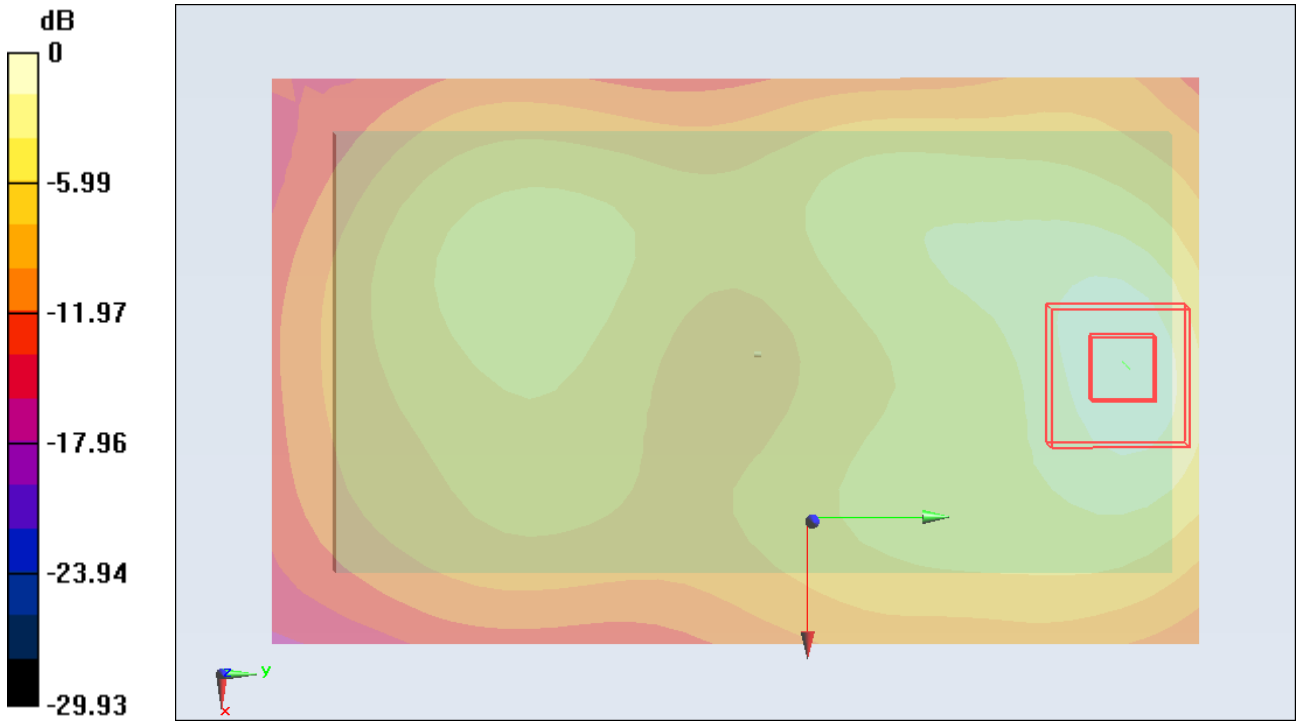
DUT: 1N0701

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium: MSL_2450_120119 Medium parameters used: f = 2462 MHz; σ = 1.977 mho/m; ε_r = 53.795; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011/9/2

- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Multi Band Result:
SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.688 mW/g
Maximum value of SAR (interpolated) = 2.451 mW/g



0 dB = 2.450mW/g = 7.78 dB mW/g

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

#238 LTE Band IV_QPSK_RB(1 99)_Back_1cm_Ch20175

DUT: 1N0701

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium: MSL_1800_120120 Medium parameters used : f = 1732.5 MHz; σ = 1.493 mho/m; ε_r = 55.607; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011/9/2
- ¿ Sensor-Surface: 4mm (Mechanical Surface Detection)
- ¿ Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- ¿ Phantom: SAM2; Type: SAM; Serial: TP-1477
- ¿ Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/1/19

#32 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch1013

DUT: 1N0701

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium: MSL_835_120119 Medium parameters used: f = 825 MHz; σ = 0.958 mho/m; ε_r = 54.451; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011/9/2
- ¿ Sensor-Surface: 4mm (Mechanical Surface Detection)
- ¿ Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- ¿ Phantom: SAM1; Type: SAM; Serial: TP-1479
- ¿ Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/1/19

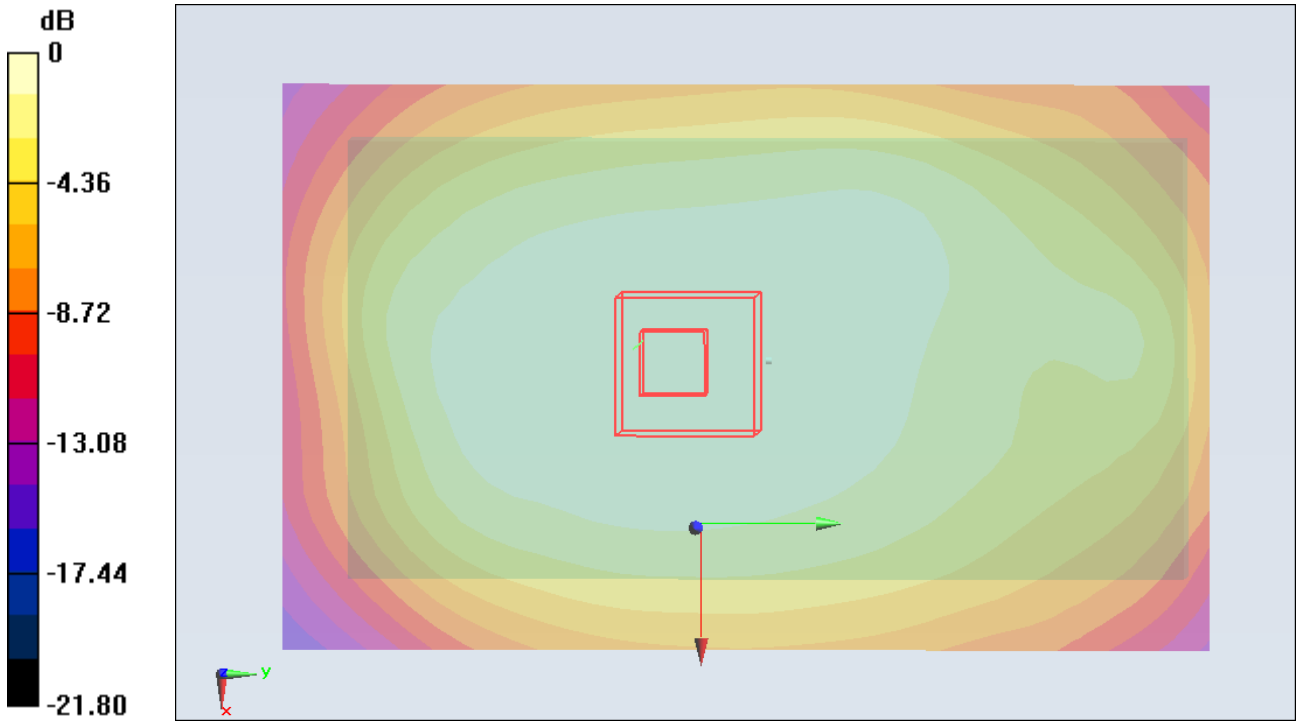
#220 802.11B_Back_1cm_1M_Ch11

DUT: 1N0701

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium: MSL_2450_120119 Medium parameters used: f = 2462 MHz; σ = 1.977 mho/m; ε_r = 53.795; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011/9/2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Multi Band Result:
SAR(1 g) = 1.51 mW/g; SAR(10 g) = 1.13 mW/g
Maximum value of SAR (interpolated) = 1.976 mW/g



0 dB = 1.980mW/g = 5.93 dB mW/g

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

#239 LTE Band II_QPSK_RB(1 99)_Back_1cm_Ch18900

DUT: 1N0701

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: MSL_1900_120120 Medium parameters used: f = 1880 MHz; σ = 1.518 mho/m; ε_r = 52.569; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/1/19

#32 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch1013

DUT: 1N0701

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium: MSL_835_120119 Medium parameters used: f = 825 MHz; σ = 0.958 mho/m; ε_r = 54.451; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011/9/2
- ¿ Sensor-Surface: 4mm (Mechanical Surface Detection)
- ¿ Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- ¿ Phantom: SAM1; Type: SAM; Serial: TP-1479
- ¿ Measurement SW: DASY52, Version 52.8 (0)

Date/Time: 2012/1/19 ㄴUㄴ 07:16:24
Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/1/19

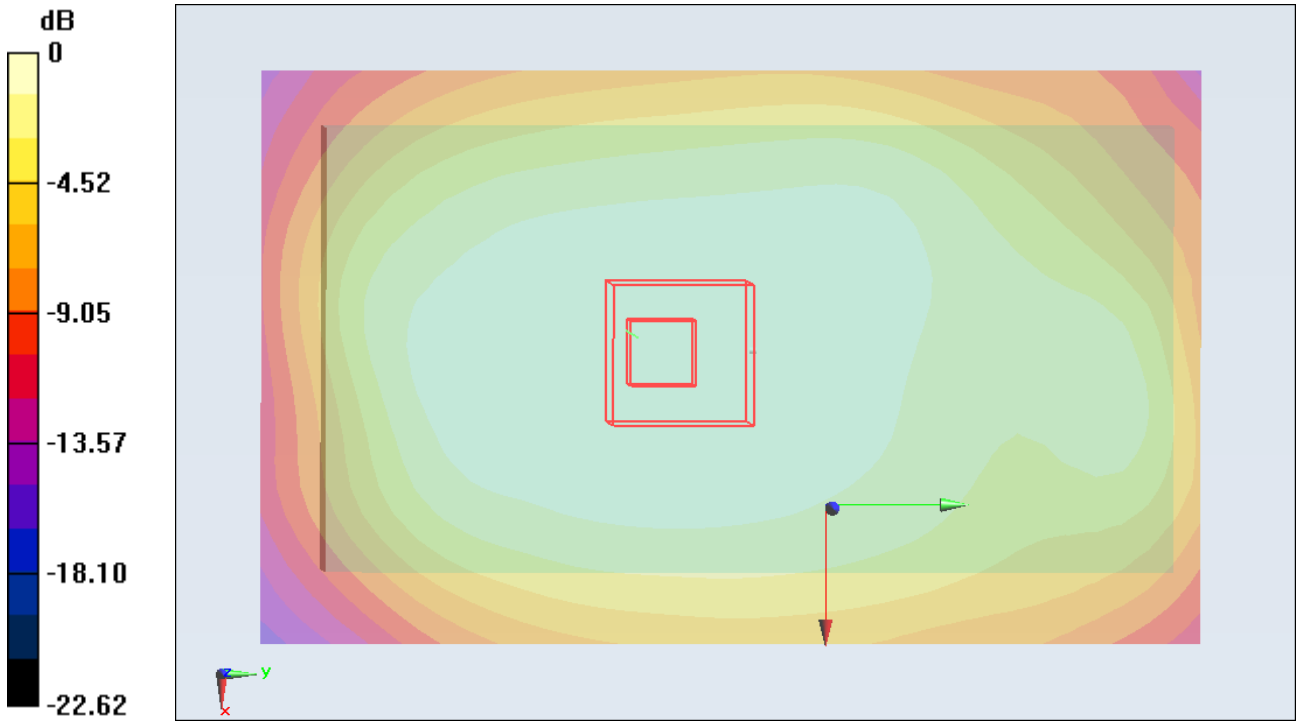
#220 802.11B_Back_1cm_1M_Ch11

DUT: 1N0701

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium: MSL_2450_120119 Medium parameters used: f = 2462 MHz; σ = 1.977 mho/m; ε_r = 53.795; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011/9/2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Multi Band Result:
SAR(1 g) = 1.5 mW/g; SAR(10 g) = 1.12 mW/g
Maximum value of SAR (interpolated) = 1.966 mW/g



0 dB = 1.970mW/g = 5.89 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/1/19

#18 CDMA2000 BC1_RTAP 153.6_Back_1cm_Ch25_Earphone

DUT: 1N0701

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1900_120119 Medium parameters used : f = 1851.25 MHz; σ = 1.461 mho/m; ε_r = 53.588; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/2/7

#262 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch1013_Earphone

DUT: 1N0701

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_835_120207 Medium parameters used: f = 825 MHz; σ = 0.967 mho/m; ε_r = 54.44; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011/9/2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/1/19

#223 802.11B_Back_1cm_1M_Ch11_Earphone

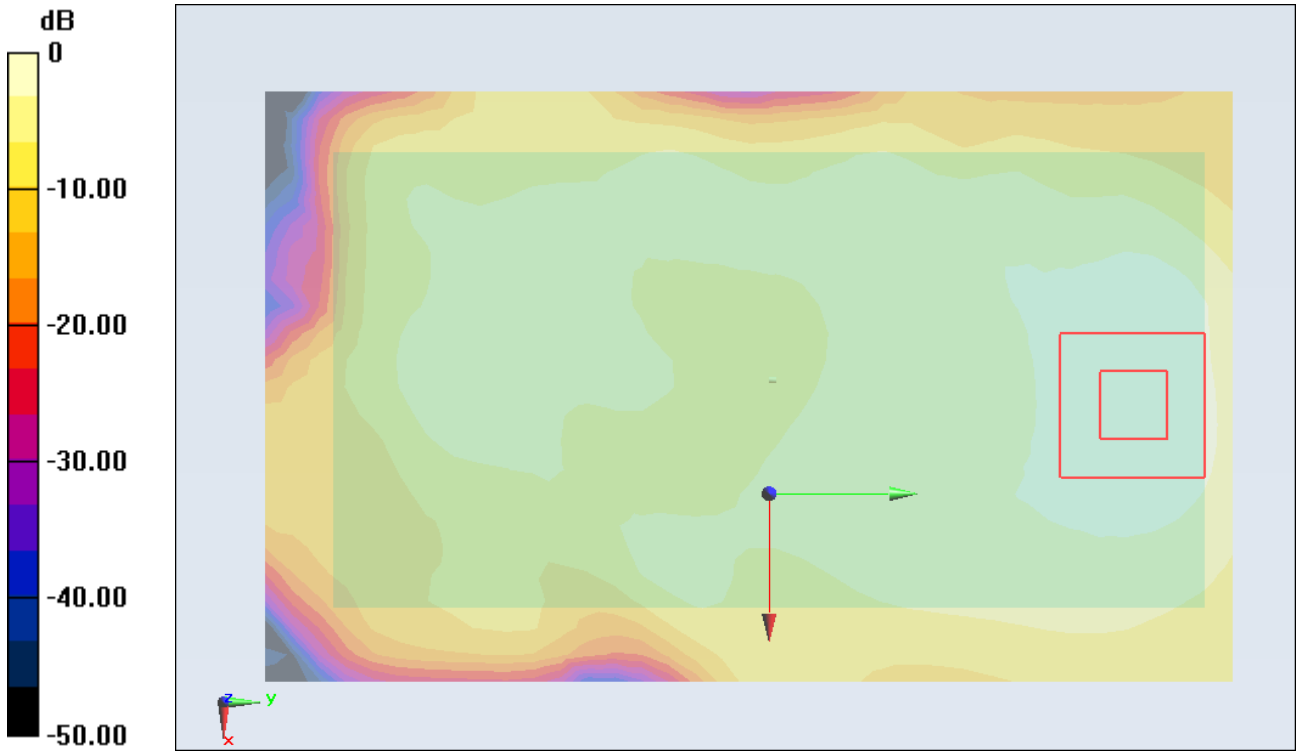
DUT: 1N0701

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_2450_120119 Medium parameters used: f = 2462 MHz; σ = 1.977 mho/m; ε_r = 53.795; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011/9/2

- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Multi Band Result:
SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.666 mW/g
Maximum value of SAR (interpolated) = 2.111 mW/g



0 dB = 2.110mW/g = 6.49 dB mW/g

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

#07 CDMA2000 BC15_RTAP 153.6_Back_1cm_Ch875

DUT: 1N0701

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1800_120120 Medium parameters used: f = 1754 MHz; σ = 1.516 mho/m; ε_r = 55.567; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011/9/2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/2/7

#264 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch1013

DUT: 1N0701

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_835_120207 Medium parameters used: f = 825 MHz; σ = 0.967 mho/m; ε_r = 54.44; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011/9/2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/1/19

#220 802.11B_Back_1cm_1M_Ch11

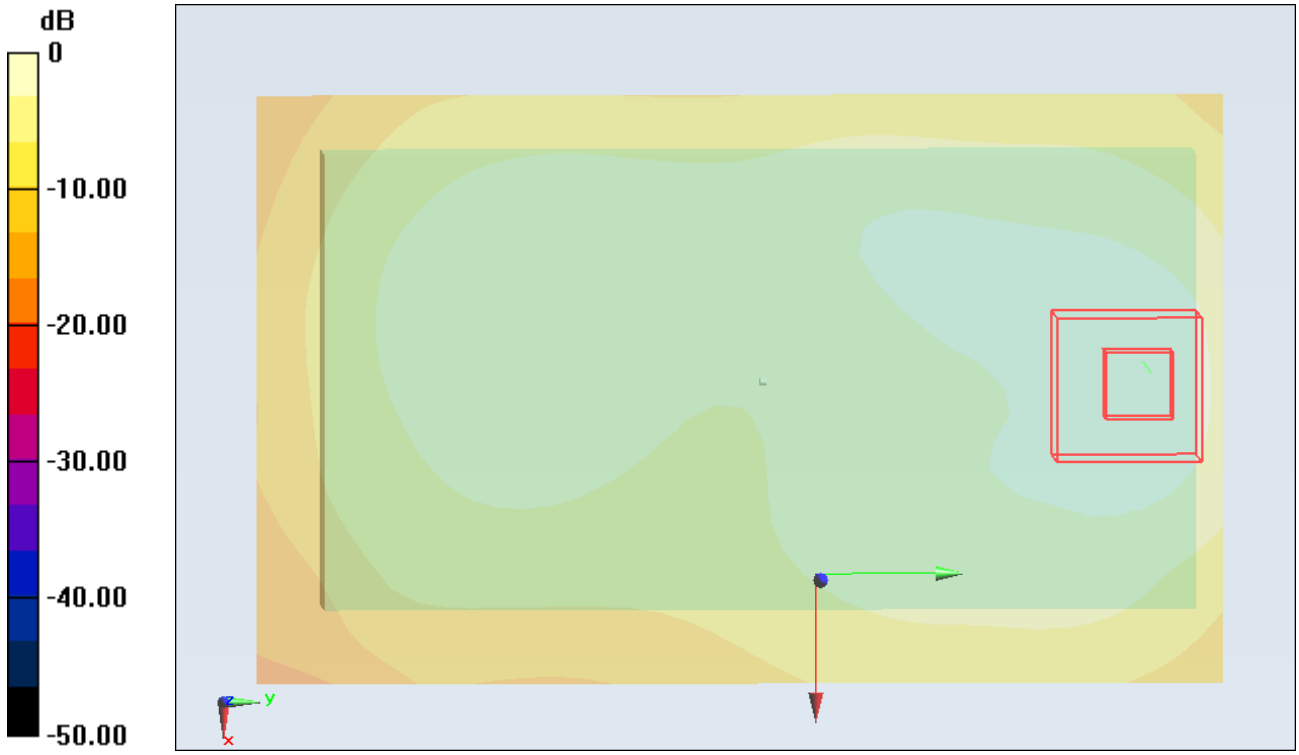
DUT: 1N0701

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_2450_120119 Medium parameters used: f = 2462 MHz; σ = 1.977 mho/m; ε_r = 53.795; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011/9/2

- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Multi Band Result:
SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.702 mW/g
Maximum value of SAR (interpolated) = 2.175 mW/g



0 dB = 2.170mW/g = 6.73 dB mW/g

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

#07 CDMA2000 BC15_RTAP 153.6_Back_1cm_Ch875

DUT: 1N0701

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1800_120120 Medium parameters used: f = 1754 MHz; σ = 1.516 mho/m; ε_r = 55.567; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011/9/2
- ¿ Sensor-Surface: 4mm (Mechanical Surface Detection)
- ¿ Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- ¿ Phantom: SAM2; Type: SAM; Serial: TP-1477
- ¿ Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/2/6

#265 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch875

DUT: 1N0701

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1800_120206 Medium parameters used: f = 1754 MHz; σ = 1.506 mho/m; ε_r = 55.558; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ Probe: EX3DV4 - SN3697; ConvF(7.16, 7.16, 7.16); Calibrated: 2011/9/2
- ¿ Sensor-Surface: 4mm (Mechanical Surface Detection)
- ¿ Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- ¿ Phantom: SAM2; Type: SAM; Serial: TP-1477
- ¿ Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/1/19

#220 802.11B_Back_1cm_1M_Ch11

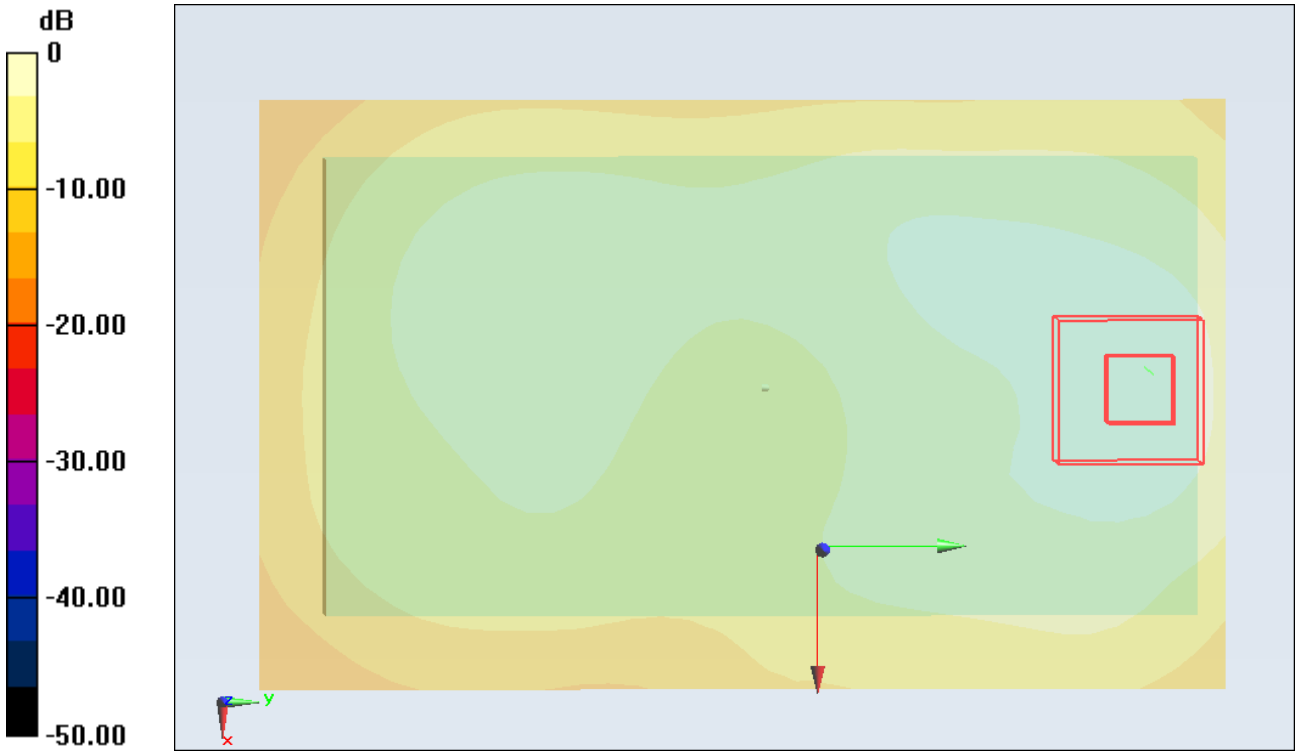
DUT: 1N0701

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_2450_120119 Medium parameters used: f = 2462 MHz; σ = 1.977 mho/m; ε_r = 53.795; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011/9/2

- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Multi Band Result:
SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.696 mW/g
Maximum value of SAR (interpolated) = 2.142 mW/g



0 dB = 2.140mW/g = 6.61 dB mW/g