Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/11/22

#01 802.11b_Bottom Face_0cm_Ch11_Ant A

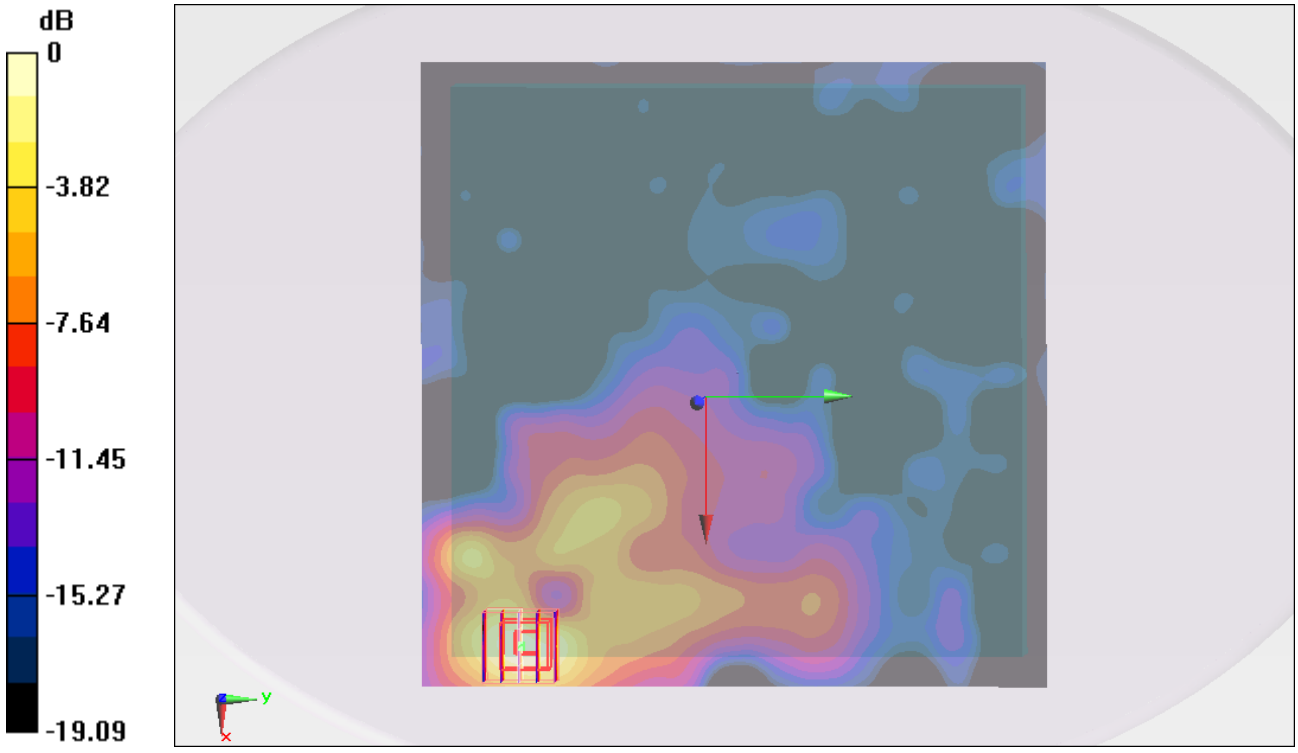
DUT: 1N0901

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_111122 Medium parameters used: f = 2462 MHz; σ = 1.989 mho/m; ε_r = 52.298; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.28, 4.28, 4.28); Calibrated: 2011/9/12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (181x181x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.100 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.642 V/m; Power Drift = 0.119 dB
Peak SAR (extrapolated) = 0.187 W/kg
SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.052 mW/g
Maximum value of SAR (measured) = 0.111 mW/g



0 dB = 0.110mW/g

#02 802.11b_Secondary Landscape_0cm_Ch11_Ant A

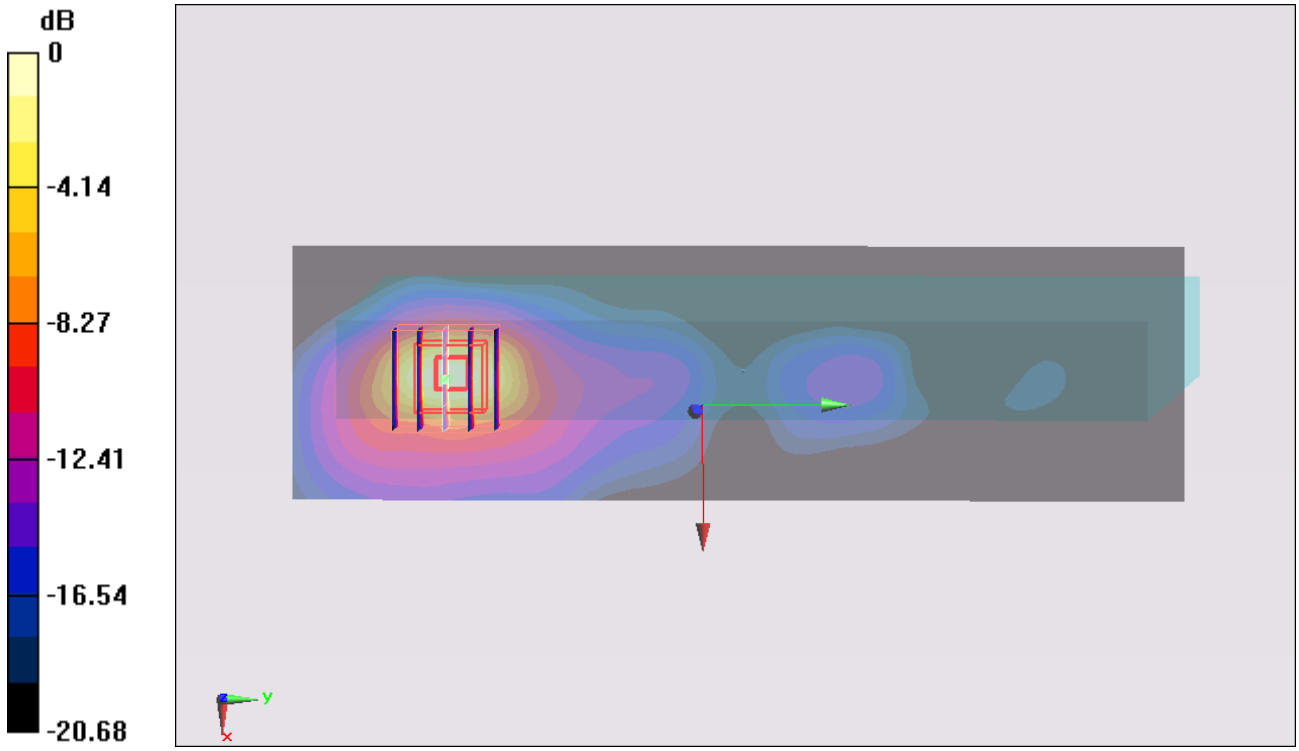
DUT: 1N0901

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_111122 Medium parameters used: f = 2462 MHz; σ = 1.989 mho/m; ε_r = 52.298; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.28, 4.28, 4.28); Calibrated: 2011/9/12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (51x181x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.552 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.180 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.290 W/kg
SAR(1 g) = 0.543 mW/g; SAR(10 g) = 0.226 mW/g
Maximum value of SAR (measured) = 0.632 mW/g



0 dB = 0.630mW/g

#02 802.11b_Secondary Landscape_0cm_Ch11_Ant A_2D

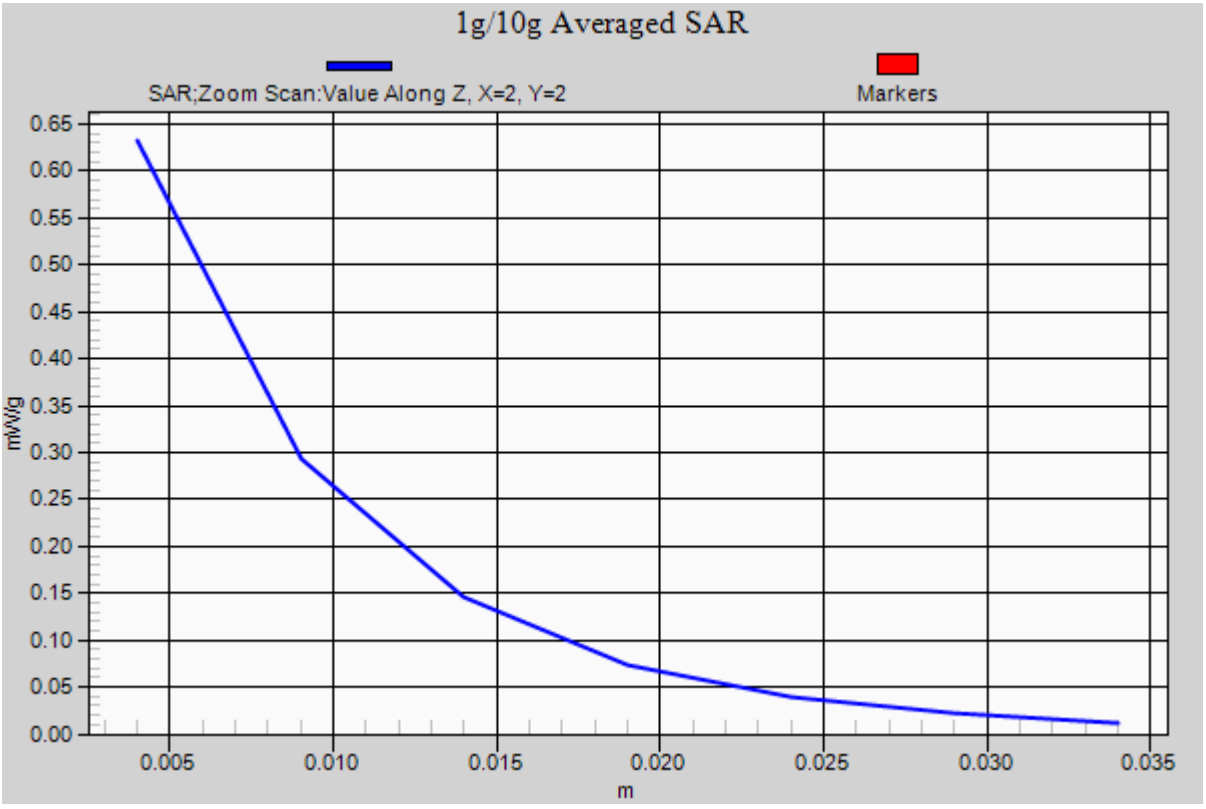
DUT: 1N0901

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_111122 Medium parameters used: f = 2462 MHz; σ = 1.989 mho/m; ε_r = 52.298; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.28, 4.28, 4.28); Calibrated: 2011/9/12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (51x181x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.552 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.180 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.290 W/kg
SAR(1 g) = 0.543 mW/g; SAR(10 g) = 0.226 mW/g
Maximum value of SAR (measured) = 0.632 mW/g



#09 802.11b_Secondary Portrait_0cm_Ch11_Ant A

DUT: 1N0901

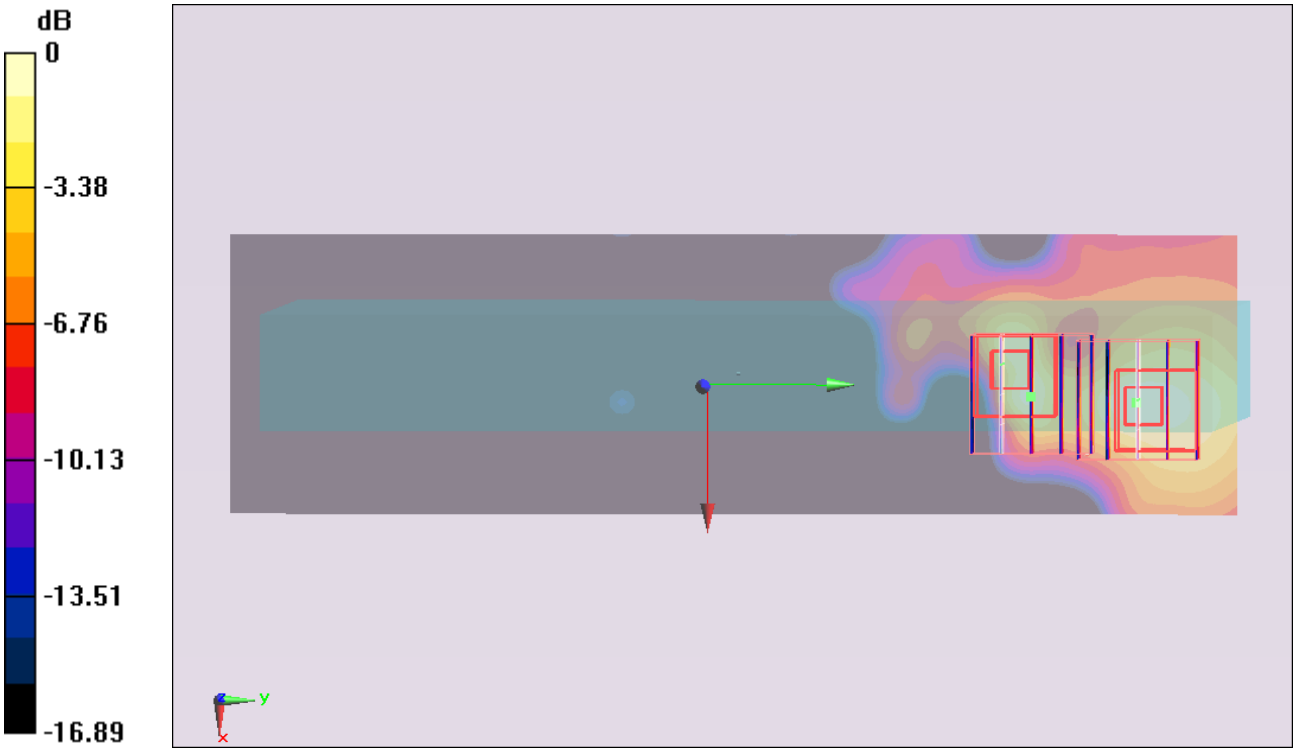
Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_111122 Medium parameters used: f = 2462 MHz; σ = 1.989 mho/m; ε_r = 52.298; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.28, 4.28, 4.28); Calibrated: 2011/9/12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (51x181x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.049 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.086 V/m; Power Drift = 0.057 dB
Peak SAR (extrapolated) = 0.086 W/kg
SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.022 mW/g
Maximum value of SAR (measured) = 0.051 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.086 V/m; Power Drift = 0.057 dB
Peak SAR (extrapolated) = 0.090 W/kg
SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.017 mW/g
Maximum value of SAR (measured) = 0.046 mW/g



0 dB = 0.050mW/g

#03 802.11b_Bottom Face_0cm_Ch1_Ant B

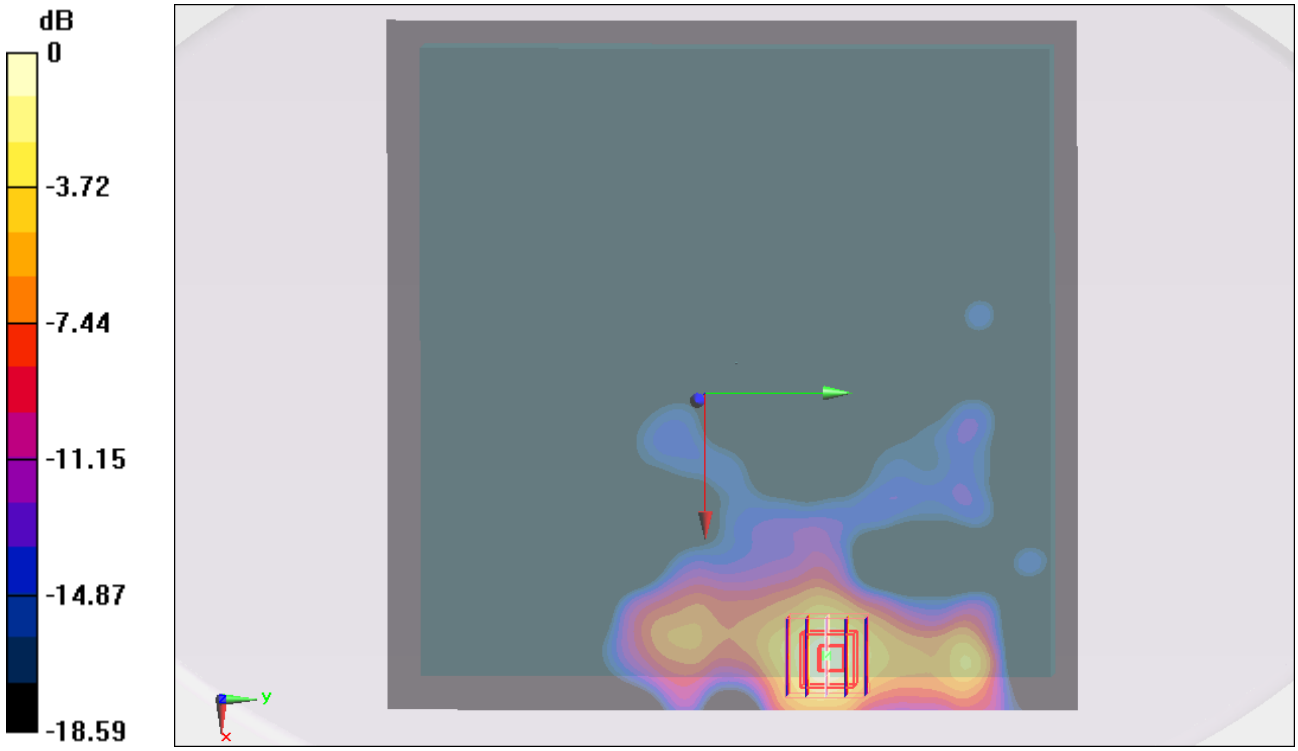
DUT: 1N0901

Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_111122 Medium parameters used: f = 2412 MHz; σ = 1.922 mho/m; ε_r = 52.444; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.28, 4.28, 4.28); Calibrated: 2011/9/12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (181x181x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.230 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.326 V/m; Power Drift = 0.191 dB
Peak SAR (extrapolated) = 0.437 W/kg
SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.110 mW/g
Maximum value of SAR (measured) = 0.226 mW/g



0 dB = 0.230mW/g

#04 802.11b_Secondary Landscape_0cm_Ch1_Ant B

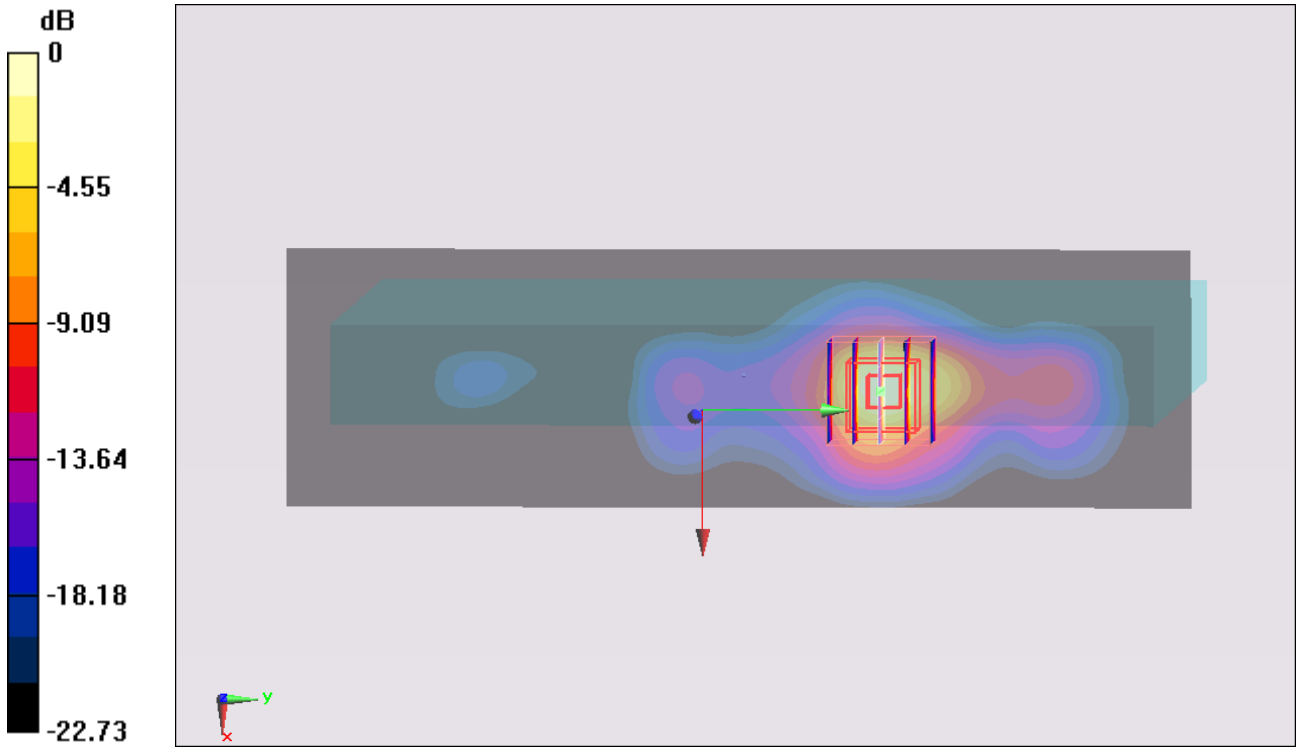
DUT: 1N0901

Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_111122 Medium parameters used: f = 2412 MHz; σ = 1.922 mho/m; ε_r = 52.444; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.28, 4.28, 4.28); Calibrated: 2011/9/12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (51x181x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.264 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.219 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 2.591 W/kg
SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.492 mW/g
Maximum value of SAR (measured) = 1.327 mW/g



0 dB = 1.330mW/g

#05 802.11b_Secondary Landscape_0cm_Ch6_Ant B

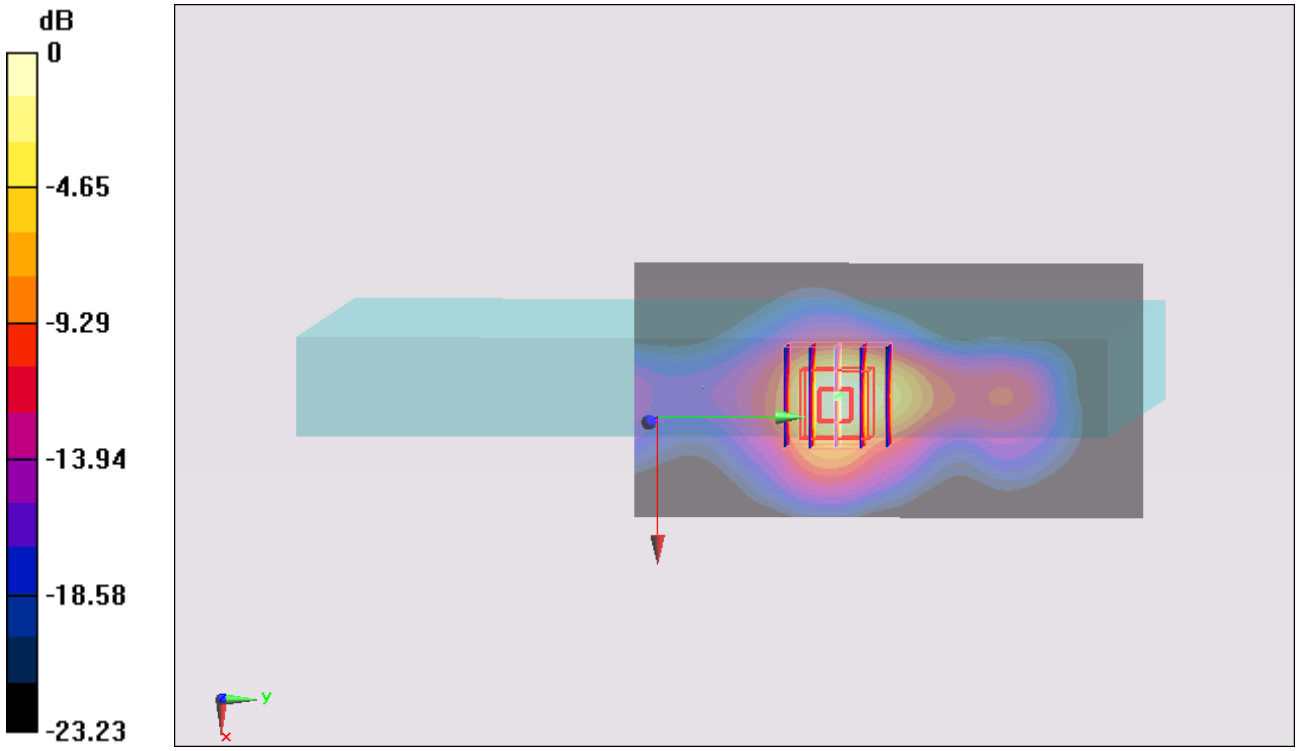
DUT: 1N0901

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_111122 Medium parameters used: f = 2437 MHz; σ = 1.955 mho/m; ε_r = 52.387; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.28, 4.28, 4.28); Calibrated: 2011/9/12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch6/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.916 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.283 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.888 W/kg
SAR(1 g) = 0.829 mW/g; SAR(10 g) = 0.357 mW/g
Maximum value of SAR (measured) = 0.815 mW/g



0 dB = 0.820mW/g

#06 802.11b_Secondary Landscape_0cm_Ch11_Ant B

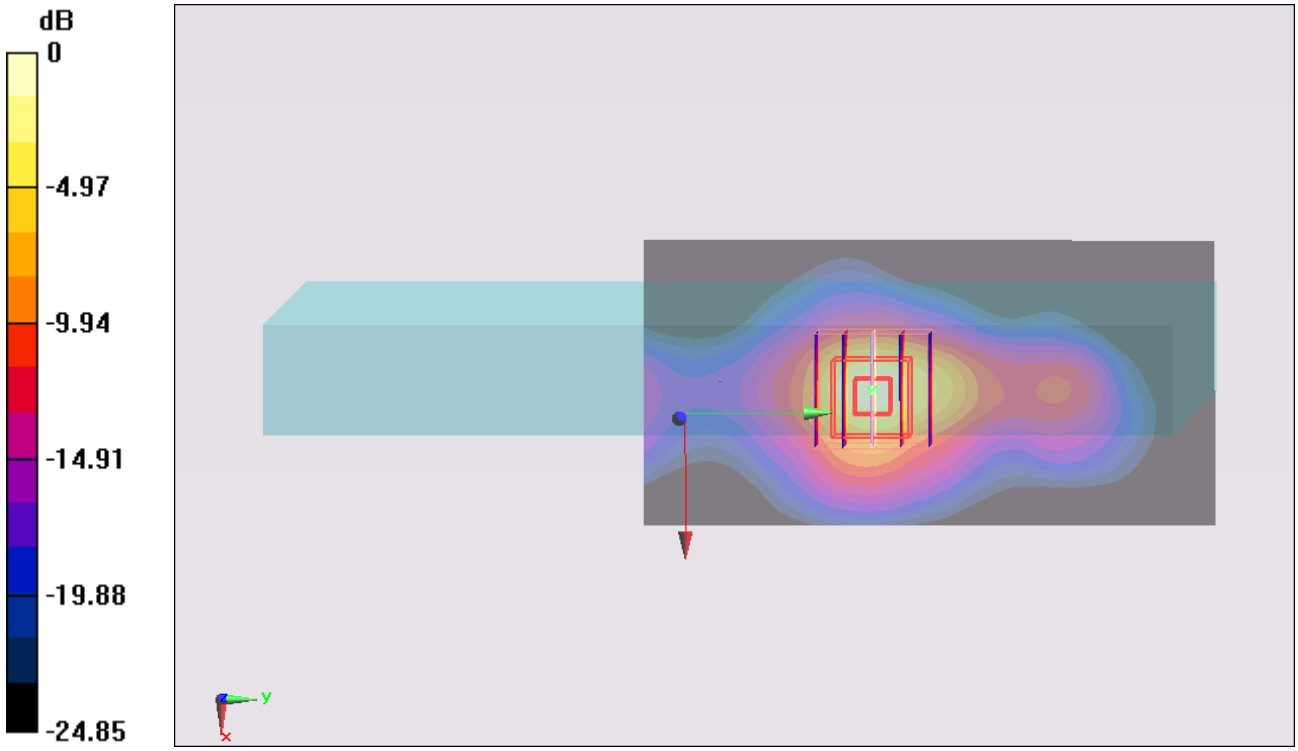
DUT: 1N0901

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_111122 Medium parameters used: f = 2462 MHz; σ = 1.989 mho/m; ε_r = 52.298; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.28, 4.28, 4.28); Calibrated: 2011/9/12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.337 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.802 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 3.298 W/kg
SAR(1 g) = 1.39 mW/g; SAR(10 g) = 0.564 mW/g
Maximum value of SAR (measured) = 1.511 mW/g



0 dB = 1.510mW/g

#06 802.11b_Secondary Landscape_0cm_Ch11_Ant B_2D

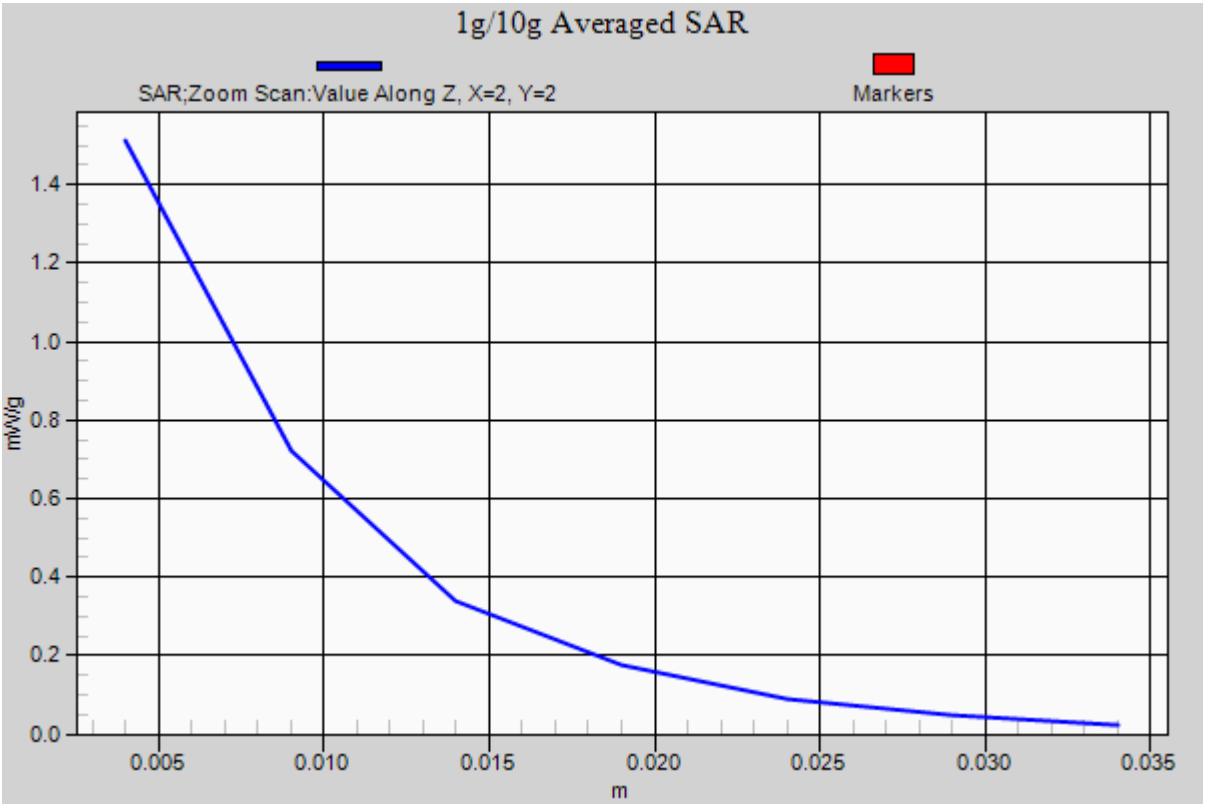
DUT: 1N0901

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_111122 Medium parameters used: f = 2462 MHz; σ = 1.989 mho/m; ε_r = 52.298; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.28, 4.28, 4.28); Calibrated: 2011/9/12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.337 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.802 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 3.298 W/kg
SAR(1 g) = 1.39 mW/g; SAR(10 g) = 0.564 mW/g
Maximum value of SAR (measured) = 1.511 mW/g



#19 802.11n_20M_Bottom Face_0cm_Ch6_Ant A+B

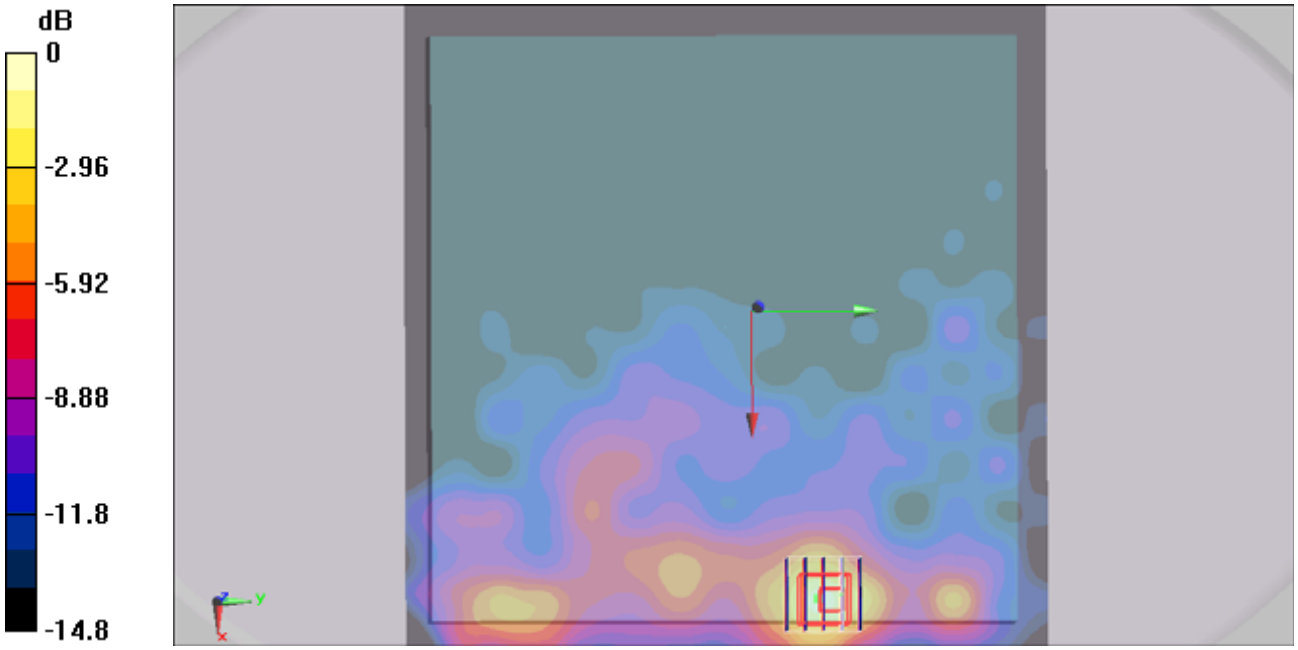
DUT: 1N0901

Communication System: 802.11n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_111126 Medium parameters used: f = 2437 MHz; σ = 1.95 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.01, 4.01, 4.01); Calibrated: 2011/9/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/6/20
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- ; SEMCAD X Version 13.4 Build 125

Ch6/Area Scan (191x191x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.131 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.95 V/m; Power Drift = 0.141 dB
Peak SAR (extrapolated) = 0.347 W/kg
SAR(1 g) = 0.137 mW/g; SAR(10 g) = 0.069 mW/g
Maximum value of SAR (measured) = 0.151 mW/g



0 dB = 0.151mW/g

#20 802.11n_20M_Secondary Landscape_0cm_Ch6_Ant A+B

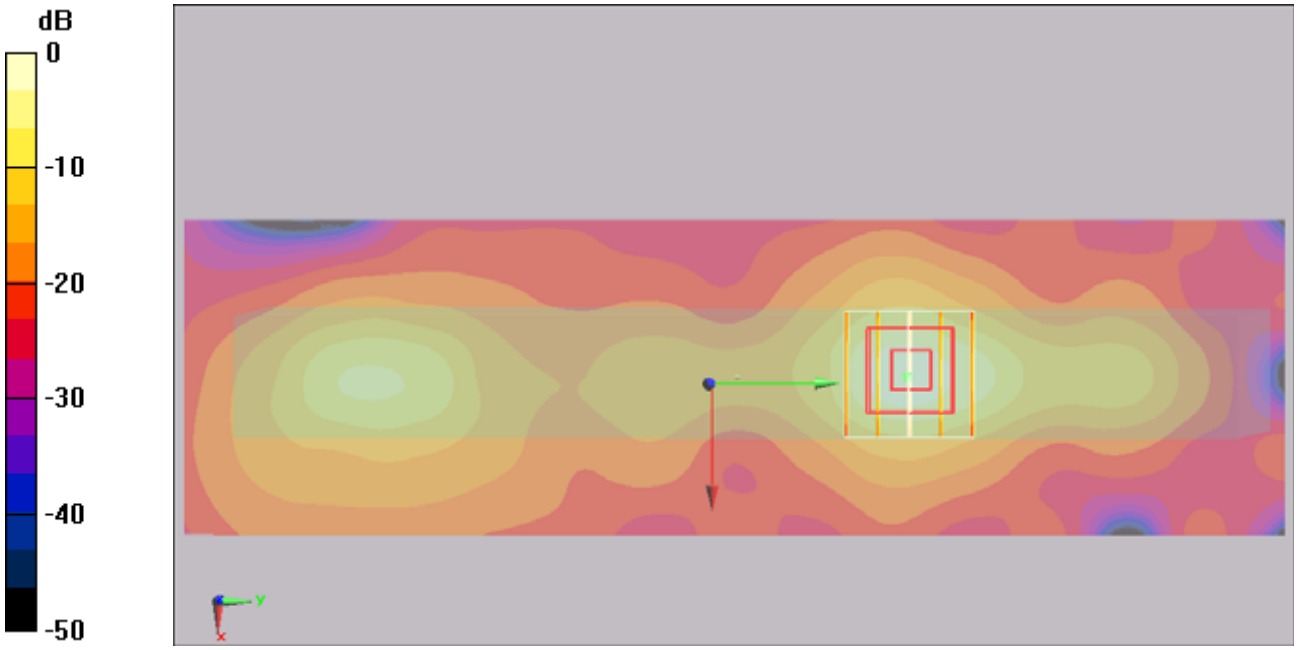
DUT: 1N0901

Communication System: 802.11n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_111126 Medium parameters used: f = 2437 MHz; σ = 1.95 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.01, 4.01, 4.01); Calibrated: 2011/9/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/6/20
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- ; SEMCAD X Version 13.4 Build 125

Ch6/Area Scan (51x191x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.880 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.75 V/m; Power Drift = 0.002 dB
Peak SAR (extrapolated) = 2.2 W/kg
SAR(1 g) = 0.844 mW/g; SAR(10 g) = 0.347 mW/g
Maximum value of SAR (measured) = 0.949 mW/g



0 dB = 0.949mW/g

#20 802.11n_20M_Secondary Landscape_0cm_Ch6_Ant A+B_2D

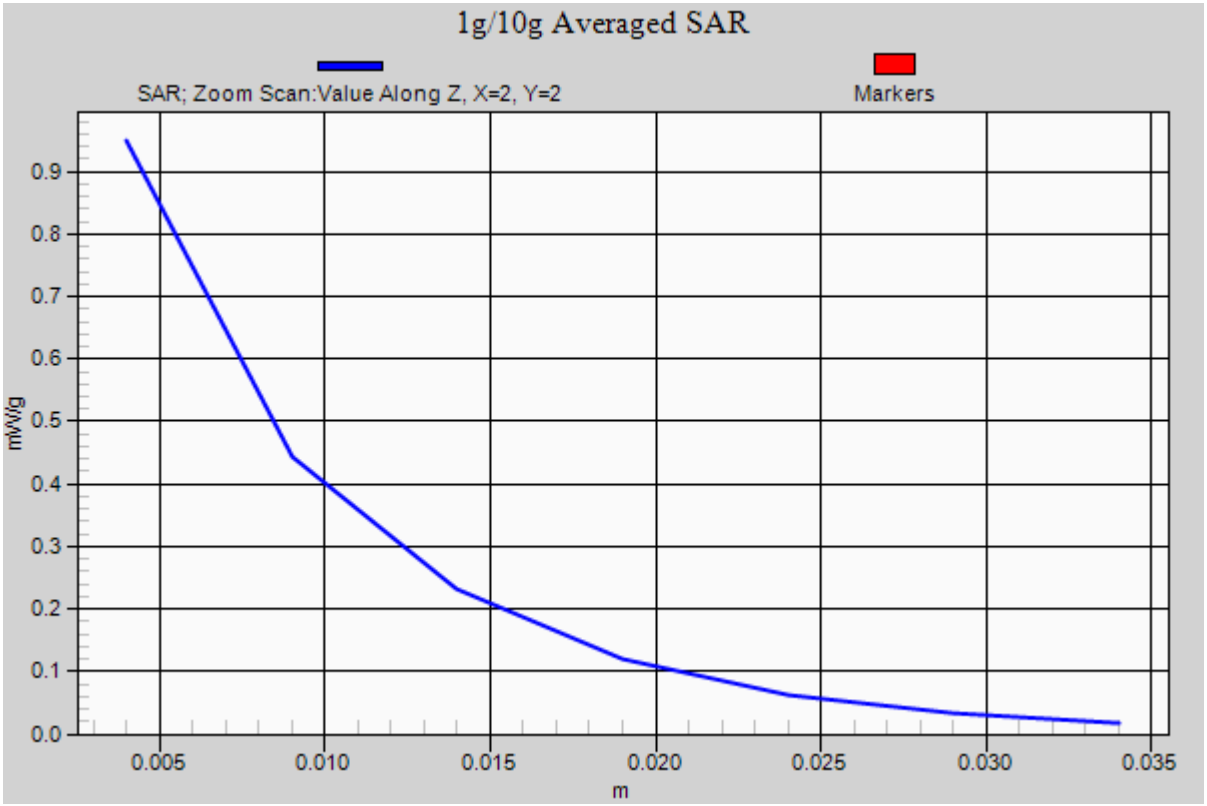
DUT: 1N0901

Communication System: 802.11n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_111126 Medium parameters used: f = 2437 MHz; σ = 1.95 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.01, 4.01, 4.01); Calibrated: 2011/9/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/6/20
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- ; SEMCAD X Version 13.4 Build 125

Ch6/Area Scan (51x191x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.880 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.75 V/m; Power Drift = 0.002 dB
Peak SAR (extrapolated) = 2.2 W/kg
SAR(1 g) = 0.844 mW/g; SAR(10 g) = 0.347 mW/g
Maximum value of SAR (measured) = 0.949 mW/g


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

#21 802.11n_20M_Secondary Portrait_0cm_Ch6_Ant A+B

DUT: 1N0901

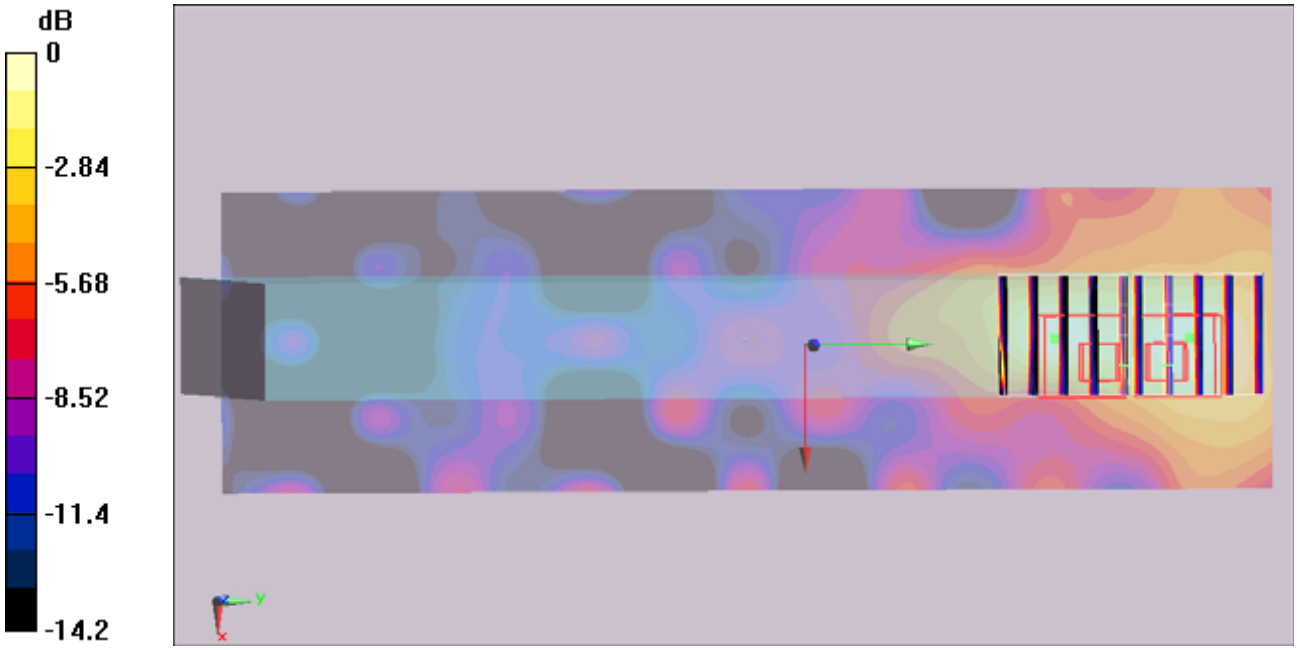
Communication System: 802.11n; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_111126 Medium parameters used: f = 2437 MHz; σ = 1.95 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.01, 4.01, 4.01); Calibrated: 2011/9/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/6/20
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- ; SEMCAD X Version 13.4 Build 125

Ch6/Area Scan (51x191x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.027 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.24 V/m; Power Drift = 0.043 dB
Peak SAR (extrapolated) = 0.234 W/kg
SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.00836 mW/g
Maximum value of SAR (measured) = 0.084 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.24 V/m; Power Drift = 0.043 dB
Peak SAR (extrapolated) = 0.102 W/kg
SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.015 mW/g
Maximum value of SAR (measured) = 0.028 mW/g



0 dB = 0.028mW/g

#22 802.11n_20M_Secondary Landscape_0cm_Ch1_Ant A+B

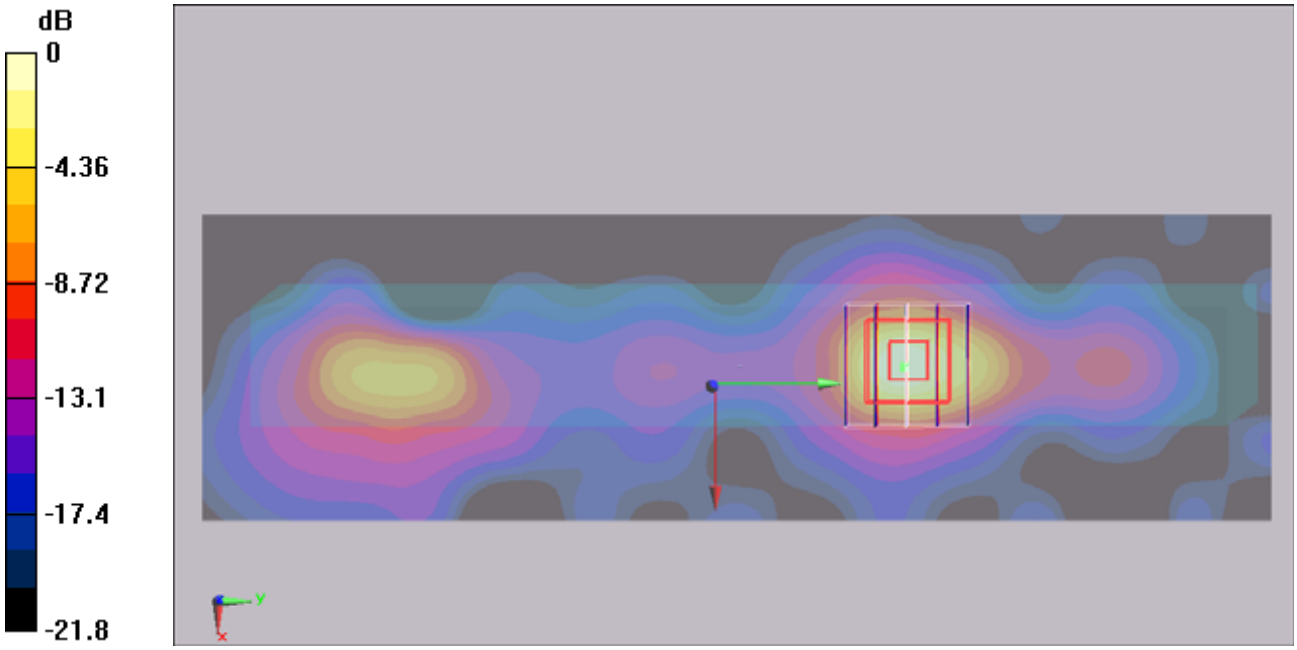
DUT: 1N0901

Communication System: 802.11n; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_111126 Medium parameters used: f = 2412 MHz; σ = 1.91 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.01, 4.01, 4.01); Calibrated: 2011/9/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/6/20
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- ; SEMCAD X Version 13.4 Build 125

Ch1/Area Scan (51x191x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.358 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.6 V/m; Power Drift = 0.179 dB
Peak SAR (extrapolated) = 0.819 W/kg
SAR(1 g) = 0.324 mW/g; SAR(10 g) = 0.136 mW/g
Maximum value of SAR (measured) = 0.361 mW/g



0 dB = 0.361mW/g

#23 802.11n_20M_Secondary Landscape_0cm_Ch11_Ant A+B

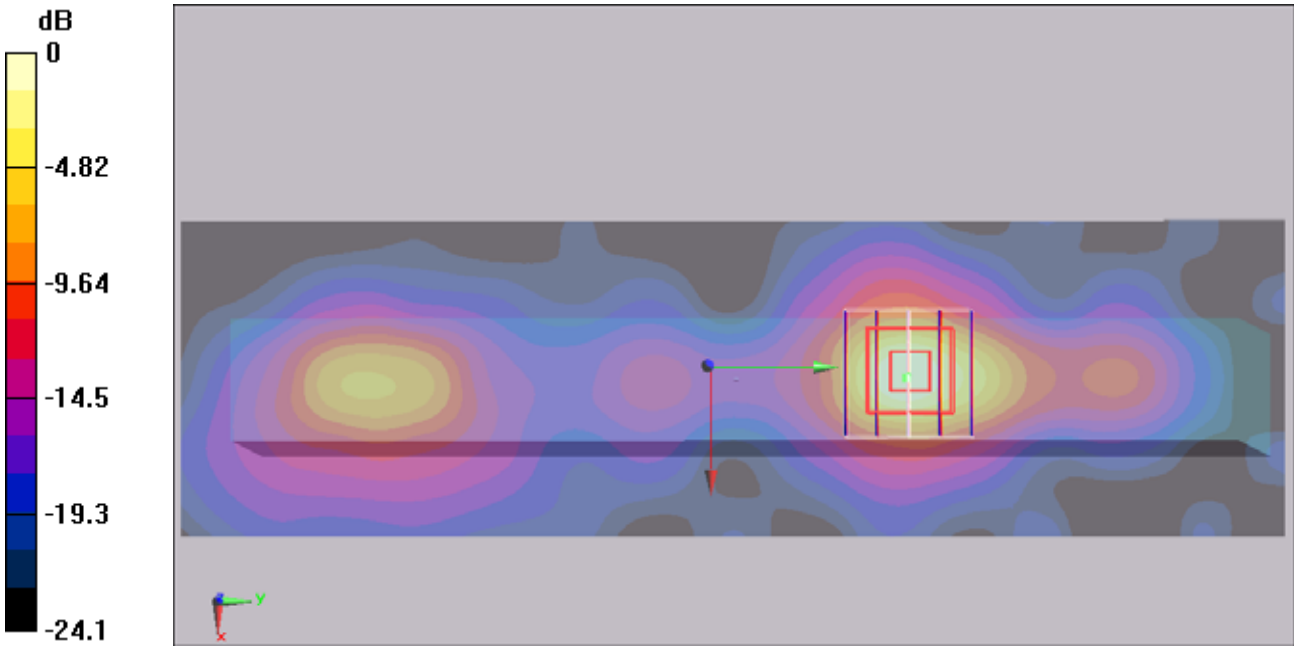
DUT: 1N0901

Communication System: 802.11n; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_111126 Medium parameters used: f = 2462 MHz; σ = 1.98 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.01, 4.01, 4.01); Calibrated: 2011/9/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/6/20
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- ; SEMCAD X Version 13.4 Build 125

Ch11/Area Scan (51x191x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.684 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.12 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 0.613 mW/g; SAR(10 g) = 0.256 mW/g
Maximum value of SAR (measured) = 0.654 mW/g



0 dB = 0.654mW/g

#10 802.11a_Bottom Face_0cm_Ch36_Ant A

DUT: 1N0901

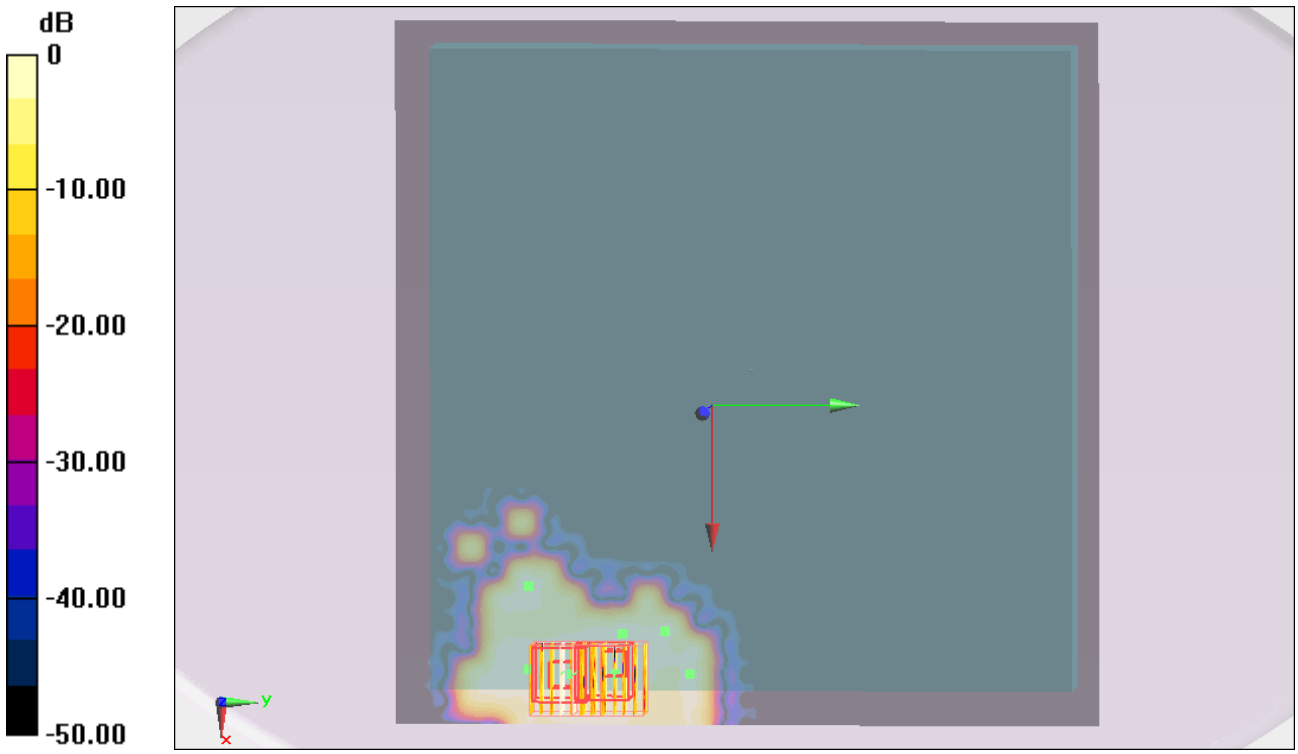
Communication System: 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111123 Medium parameters used : f = 5180 MHz; σ = 5.3 mho/m; ε_r = 48.698; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch36/Area Scan (281x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.091 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.553 W/kg
SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.097 mW/g

Configuration/Ch36/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.684 W/kg
SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.036 mW/g
Maximum value of SAR (measured) = 0.090 mW/g



0 dB = 0.090mW/g

#11 802.11a_Secondary Landscape_0cm_Ch36_Ant A

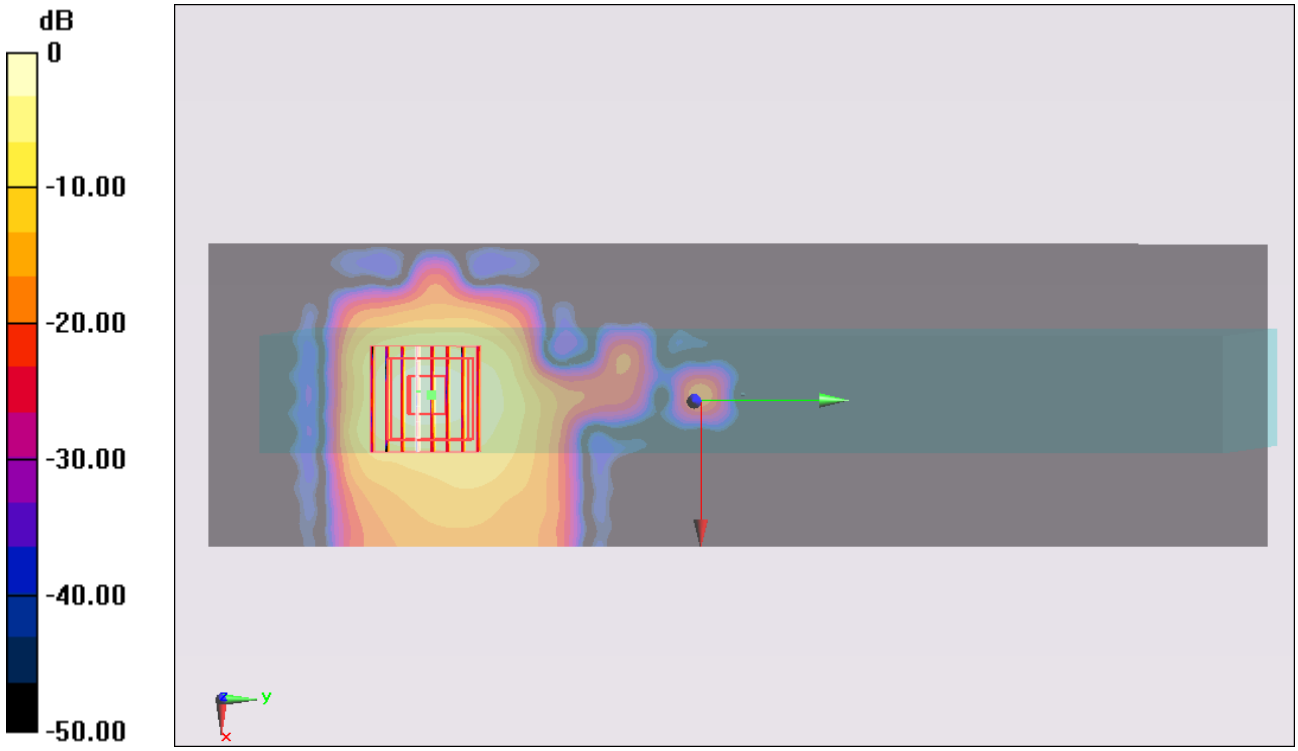
DUT: 1N0901

Communication System: 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111123 Medium parameters used : f = 5180 MHz; σ = 5.3 mho/m; ε_r = 48.698; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch36/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.140 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.212 W/kg
SAR(1 g) = 0.950 mW/g; SAR(10 g) = 0.290 mW/g
Maximum value of SAR (measured) = 1.109 mW/g



0 dB = 1.110mW/g

#12 802.11a_Secondary Portrait_0cm_Ch36_Ant A

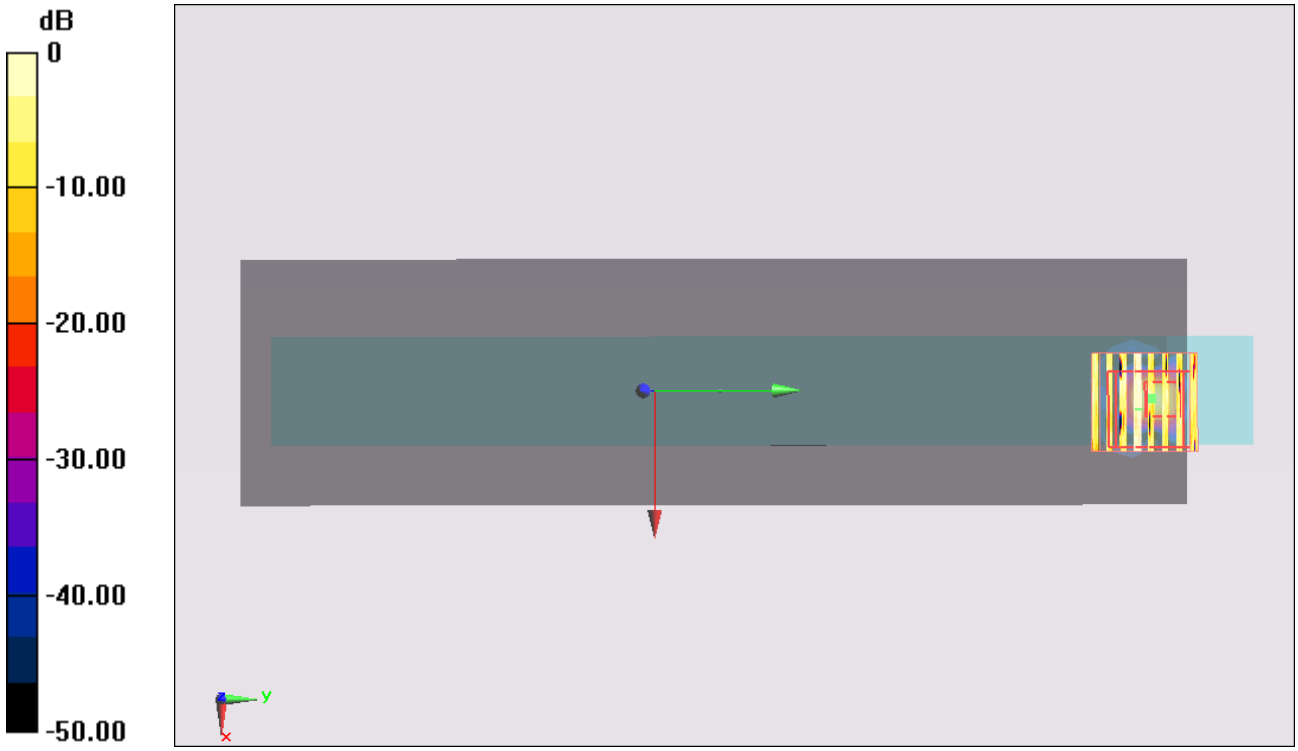
DUT: 1N0901

Communication System: 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111123 Medium parameters used: f = 5180 MHz; σ = 5.3 mho/m; ε_r = 48.698; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch36/Area Scan (71x271x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.00943 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.124 dB
Peak SAR (extrapolated) = 0.192 W/kg
SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.00826 mW/g
Maximum value of SAR (measured) = 0.017 mW/g



0 dB = 0.020mW/g

#14 802.11a_Secondary Landscape_0cm_Ch48_Ant A

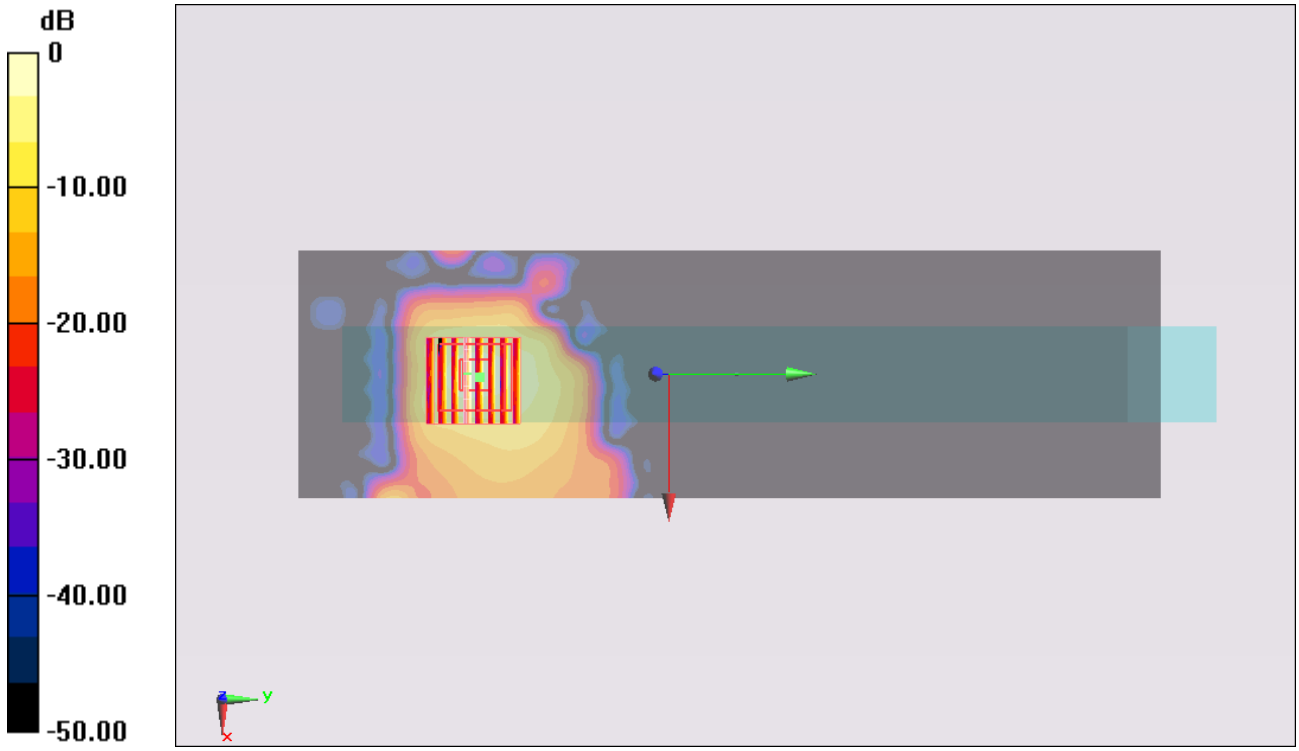
DUT: 1N0901

Communication System: 802.11a; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111123 Medium parameters used: f = 5240 MHz; σ = 5.395 mho/m; ε_r = 48.586; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch48/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.172 mW/g

Ch48/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.225 V/m; Power Drift = 0.191 dB
Peak SAR (extrapolated) = 3.544 W/kg
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.309 mW/g
Maximum value of SAR (measured) = 1.195 mW/g



0 dB = 1.200mW/g

#14 802.11a_Secondary Landscape_0cm_Ch48_Ant A_2D

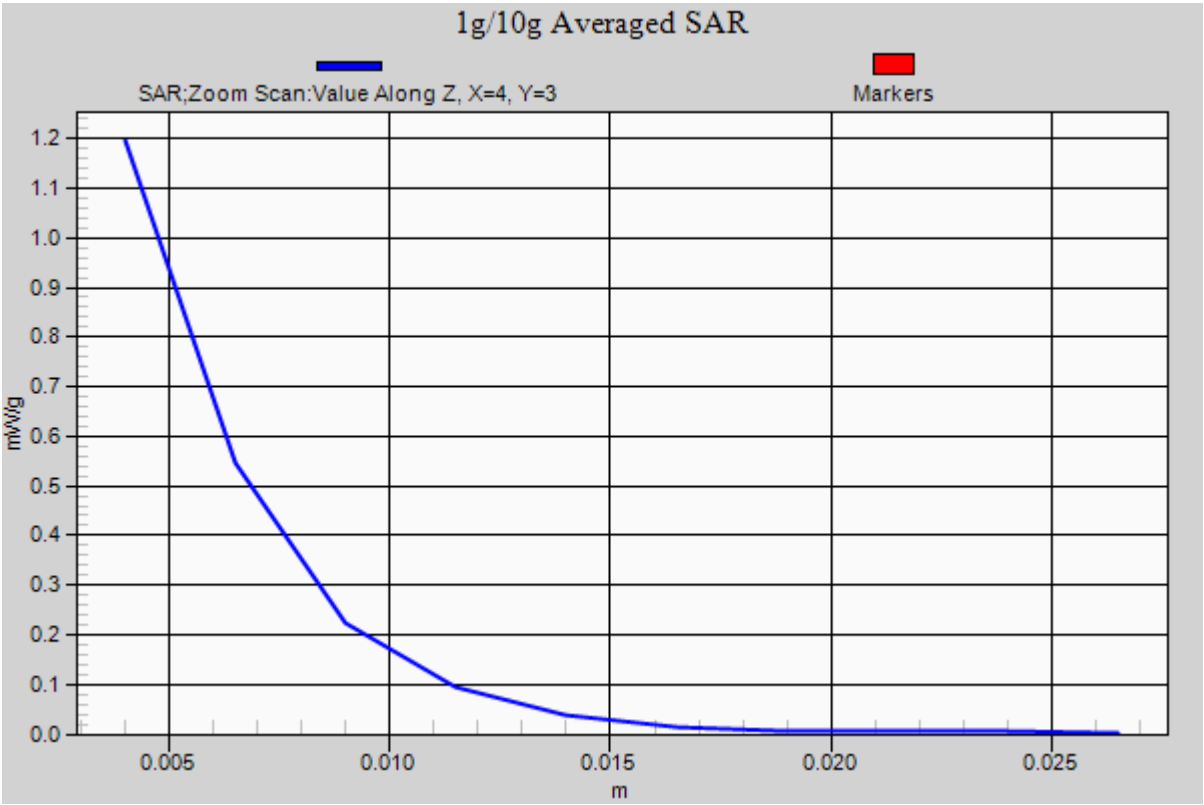
DUT: 1N0901

Communication System: 802.11a; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111123 Medium parameters used: f = 5240 MHz; σ = 5.395 mho/m; ε_r = 48.586; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch48/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.172 mW/g

Ch48/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.225 V/m; Power Drift = 0.191 dB
Peak SAR (extrapolated) = 3.544 W/kg
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.309 mW/g
Maximum value of SAR (measured) = 1.195 mW/g



#40 802.11a_Bottom Face_0cm_Ch36_Ant B

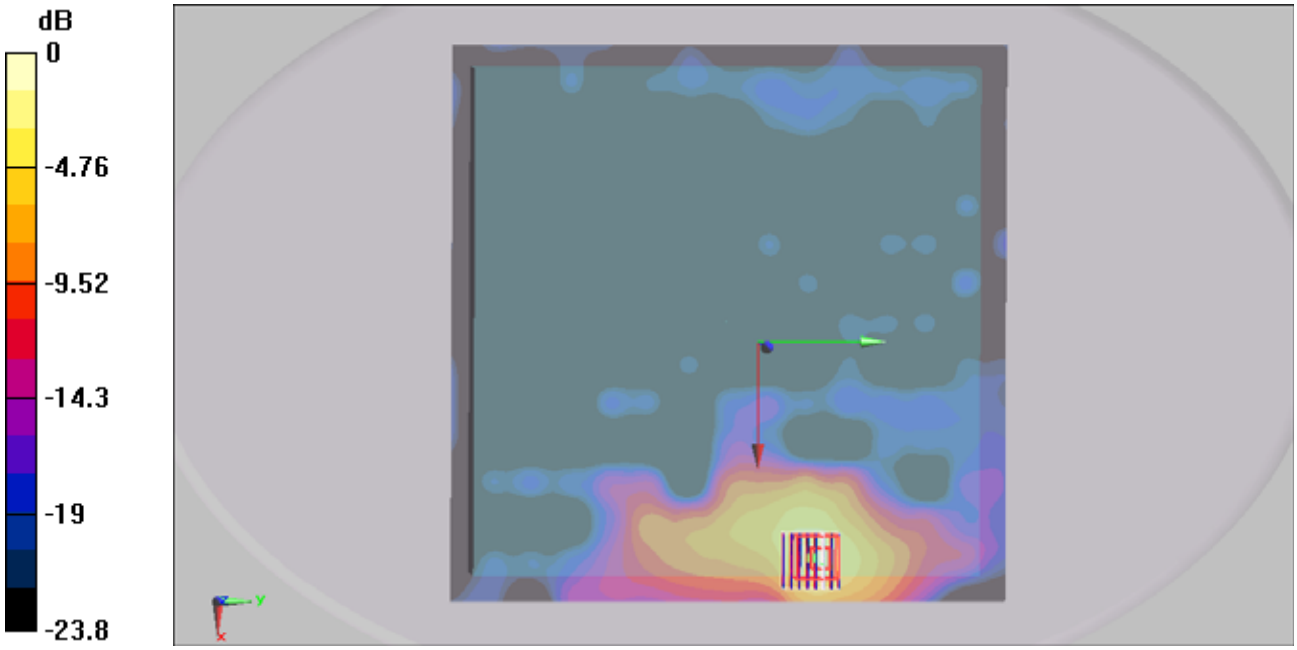
DUT: 1N0901

Communication System: 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used : f = 5180 MHz; σ = 5.28 mho/m; ε_r = 47.5; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch36/Area Scan (281x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.467 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.737 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.972 W/kg
SAR(1 g) = 0.313 mW/g; SAR(10 g) = 0.127 mW/g
Maximum value of SAR (measured) = 0.565 mW/g



0 dB = 0.565mW/g

#41 802.11a_Secondary Landscape_0cm_Ch36_Ant B

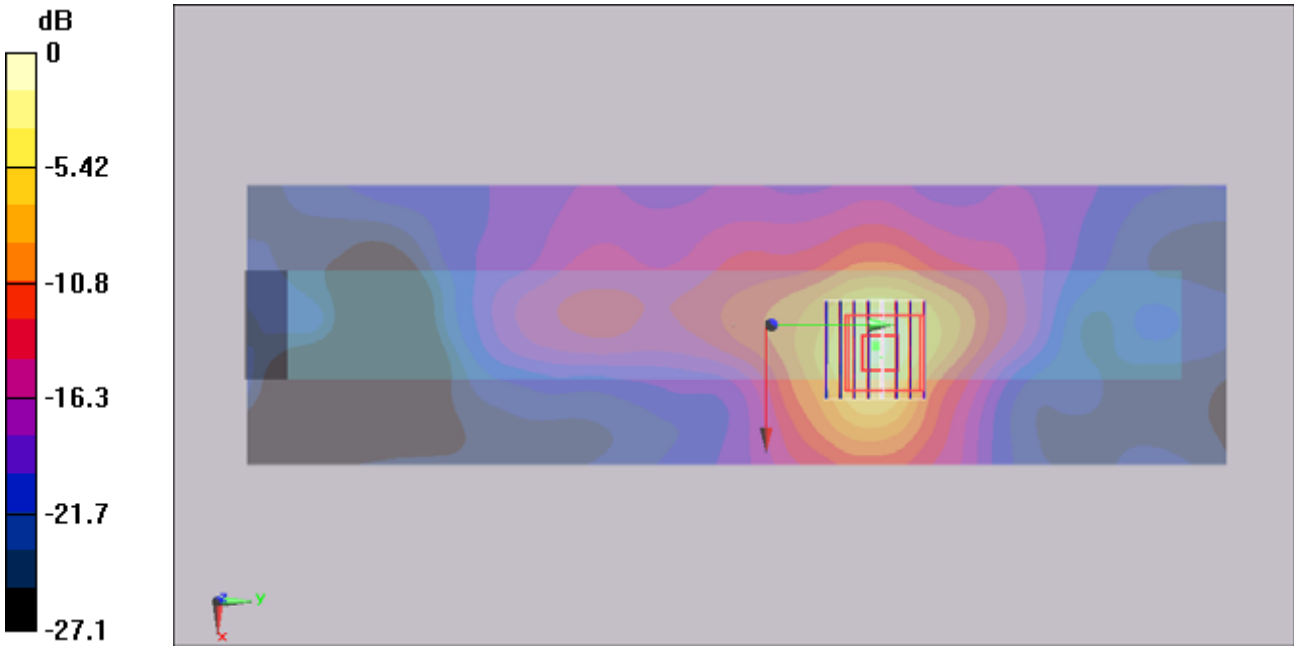
DUT: 1N0901

Communication System: 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used: f = 5180 MHz; σ = 5.28 mho/m; ε_r = 47.5; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch36/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.08 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.58 V/m; Power Drift = -0.104 dB
Peak SAR (extrapolated) = 2.7 W/kg
SAR(1 g) = 0.812 mW/g; SAR(10 g) = 0.292 mW/g
Maximum value of SAR (measured) = 1.51 mW/g



0 dB = 1.51mW/g

#42 802.11a_Secondary Landscape_0cm_Ch48_Ant B

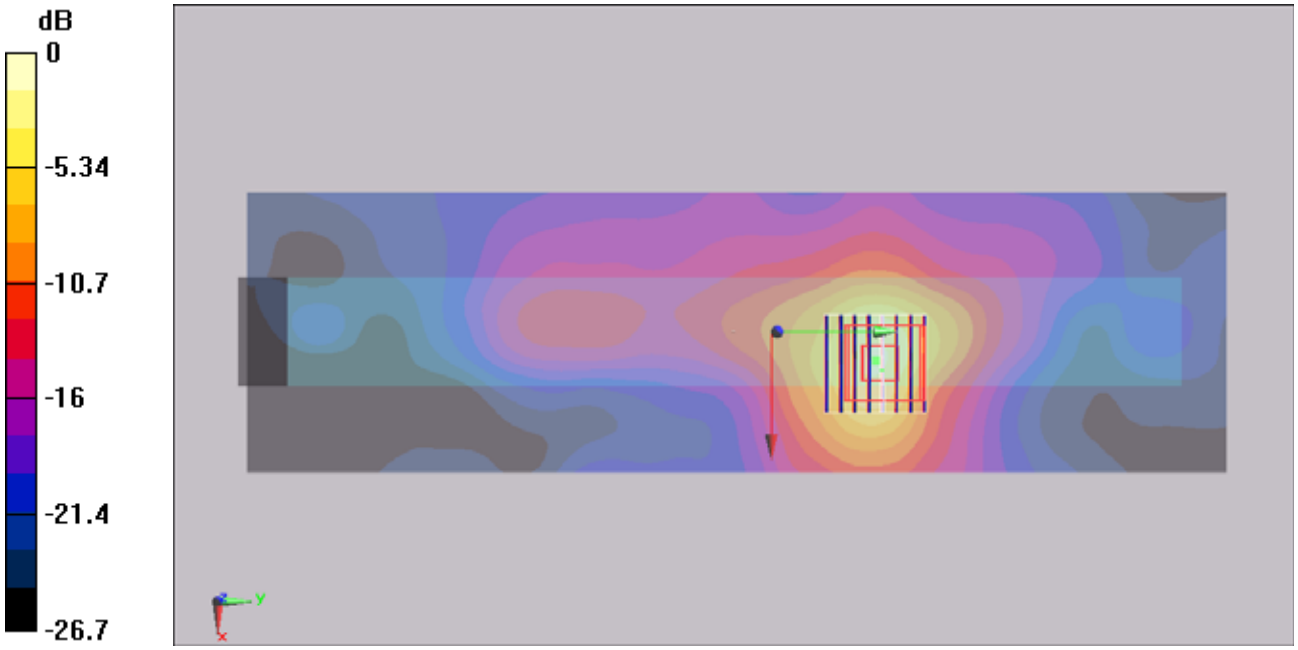
DUT: 1N0901

Communication System: 802.11a; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used: f = 5240 MHz; σ = 5.35 mho/m; ε_r = 47.4; ρ = 1000 kg/m^3
Ambient Temperature：22.2 °C; Liquid Temperature：21.2 °C

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch48/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.2 mW/g

Ch48/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.48 V/m; Power Drift = -0.156 dB
Peak SAR (extrapolated) = 3.05 W/kg
SAR(1 g) = 0.884 mW/g; SAR(10 g) = 0.312 mW/g
Maximum value of SAR (measured) = 1.65 mW/g



0 dB = 1.65mW/g

#42 802.11a_Secondary Landscape_0cm_Ch48_Ant B_2D

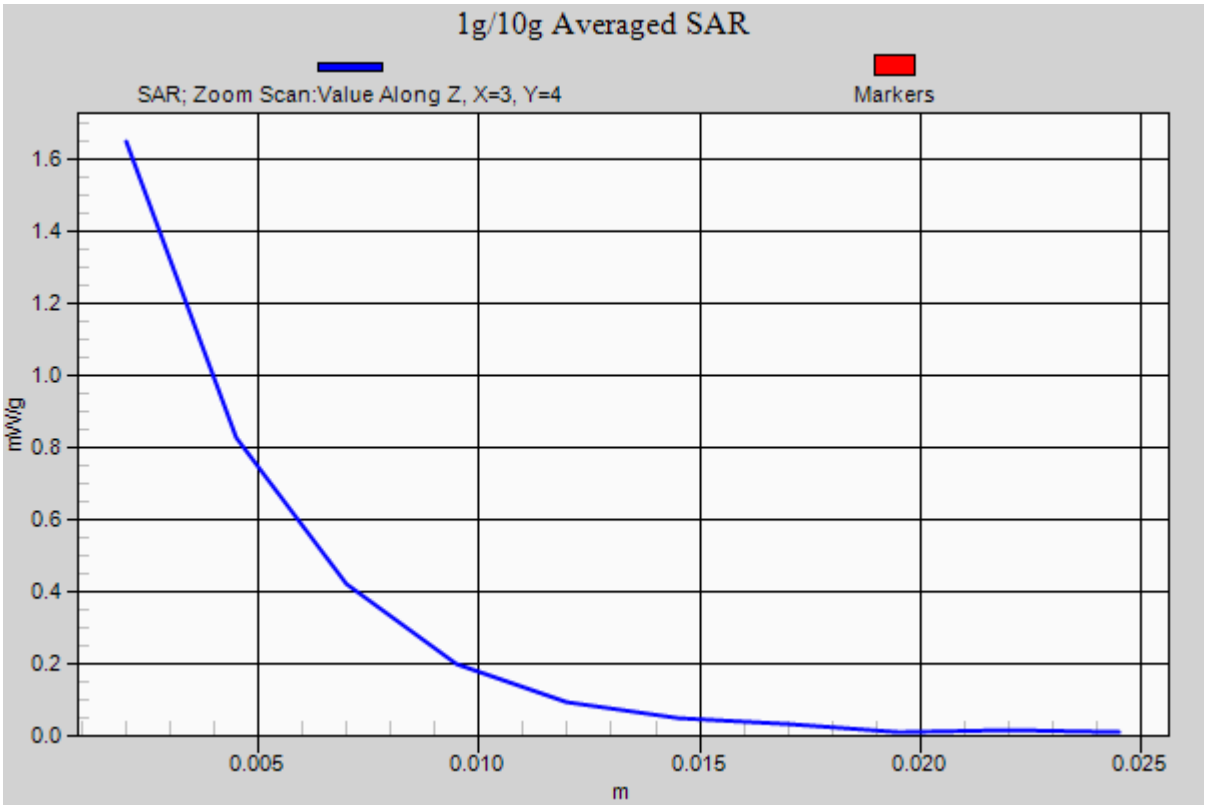
DUT: 1N0901

Communication System: 802.11a; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used: f = 5240 MHz; σ = 5.35 mho/m; ε_r = 47.4; ρ = 1000 kg/m^3
Ambient Temperature：22.2 °C; Liquid Temperature：21.2 °C

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch48/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.2 mW/g

Ch48/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.48 V/m; Power Drift = -0.156 dB
Peak SAR (extrapolated) = 3.05 W/kg
SAR(1 g) = 0.884 mW/g; SAR(10 g) = 0.312 mW/g
Maximum value of SAR (measured) = 1.65 mW/g



#52 802.11n_20M_Bottom Face_0cm_Ch36_Ant A+B

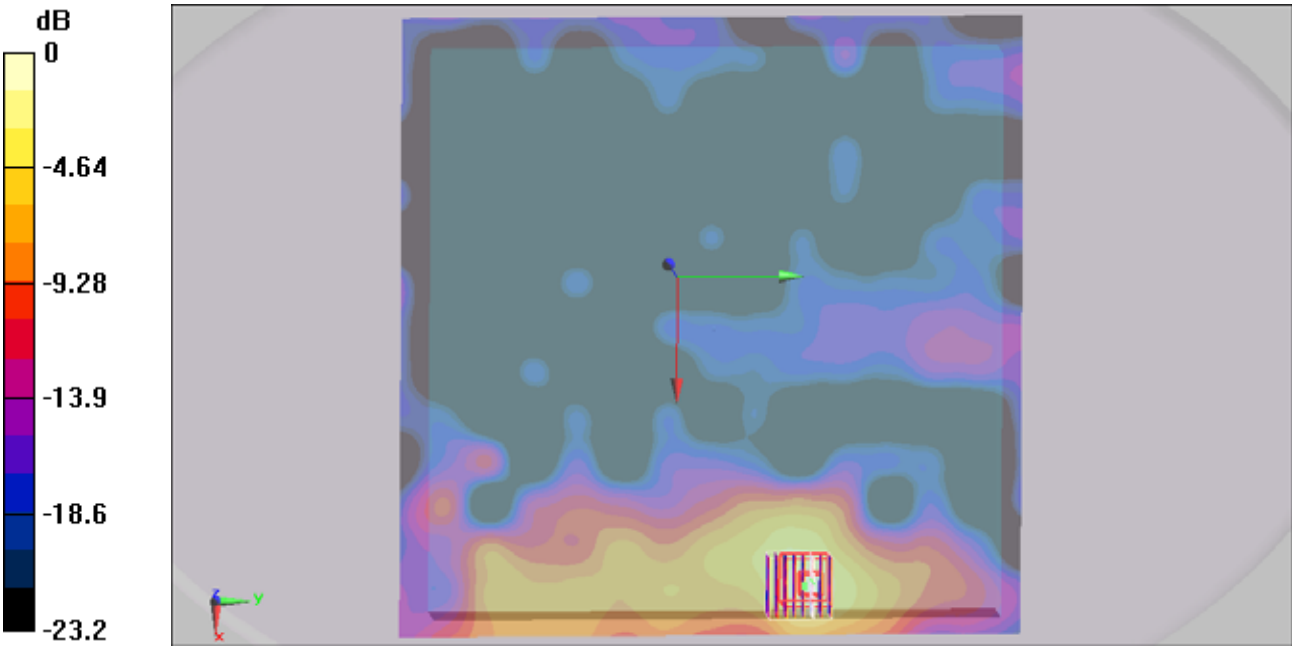
DUT: 1N0901

Communication System: 802.11n; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111127 Medium parameters used: f = 5180 MHz; σ = 5.1 mho/m; ε_r = 47.5; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch36/Area Scan (281x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.309 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.910 V/m; Power Drift = -0.138 dB
Peak SAR (extrapolated) = 0.582 W/kg
SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.082 mW/g
Maximum value of SAR (measured) = 0.349 mW/g



0 dB = 0.349mW/g

#53 802.11n_20M_Secondary Landscape_0cm_Ch36_Ant A+B

DUT: 1N0901

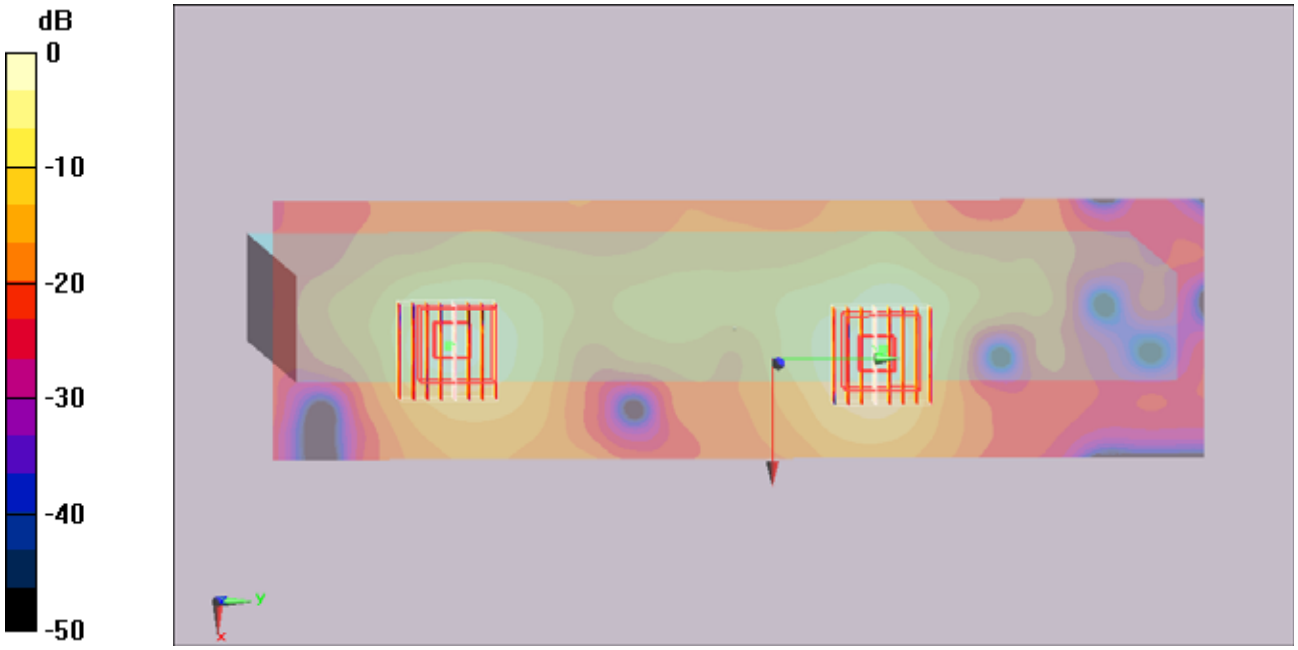
Communication System: 802.11n; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111127 Medium parameters used : f = 5180 MHz; σ = 5.1 mho/m; ε_r = 47.5; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch36/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.832 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.4 V/m; Power Drift = -0.093 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 0.476 mW/g; SAR(10 g) = 0.166 mW/g
Maximum value of SAR (measured) = 0.906 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.4 V/m; Power Drift = -0.093 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 0.452 mW/g; SAR(10 g) = 0.139 mW/g
Maximum value of SAR (measured) = 0.908 mW/g



0 dB = 0.908mW/g

#53 802.11n_20M_Secondary Landscape_0cm_Ch36_Ant A+B_2D

DUT: 1N0901

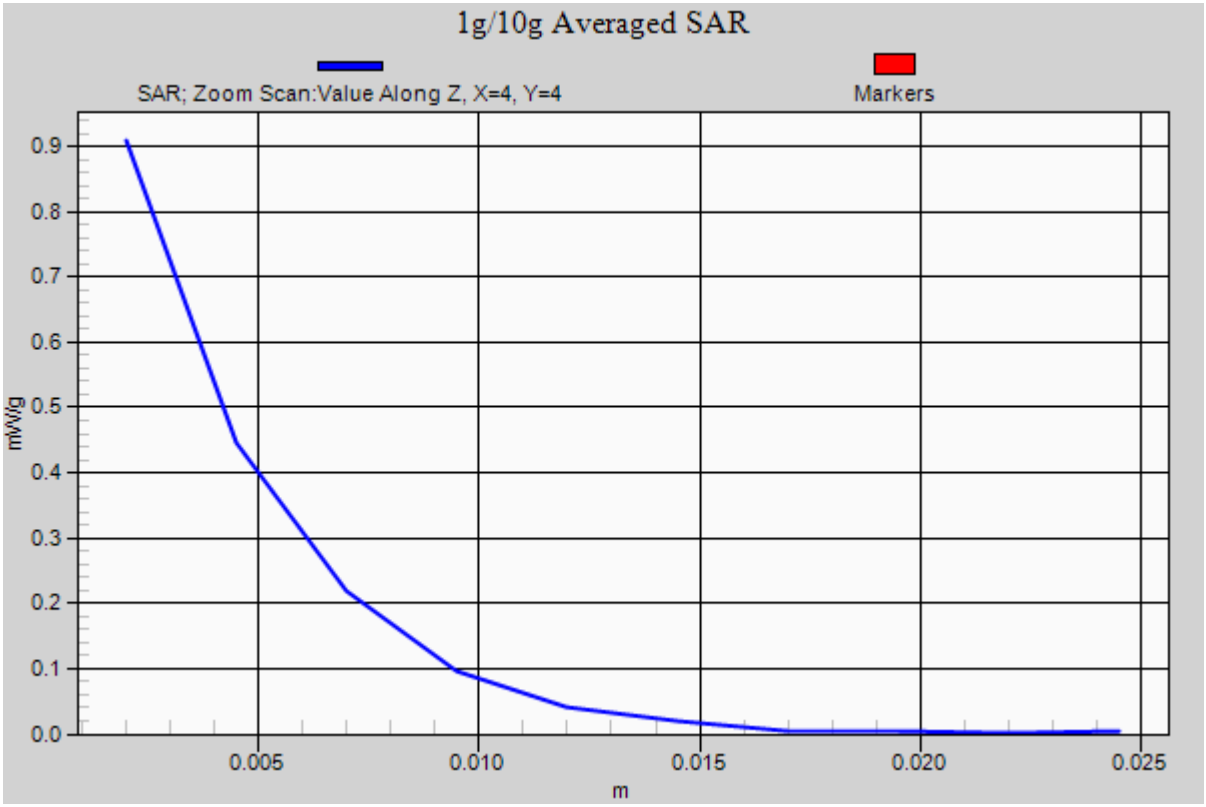
Communication System: 802.11n; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111127 Medium parameters used : f = 5180 MHz; σ = 5.1 mho/m; ε_r = 47.5; ρ = 1000 kg/m^3
Ambient Temperature：22.4 °C; Liquid Temperature：21.4 °C

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch36/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.832 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.4 V/m; Power Drift = -0.093 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 0.476 mW/g; SAR(10 g) = 0.166 mW/g
Maximum value of SAR (measured) = 0.906 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.4 V/m; Power Drift = -0.093 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 0.452 mW/g; SAR(10 g) = 0.139 mW/g
Maximum value of SAR (measured) = 0.908 mW/g



#54 802.11n_20M_Secondary Portrait_0cm_Ch36_Ant A+B

DUT: 1N0901

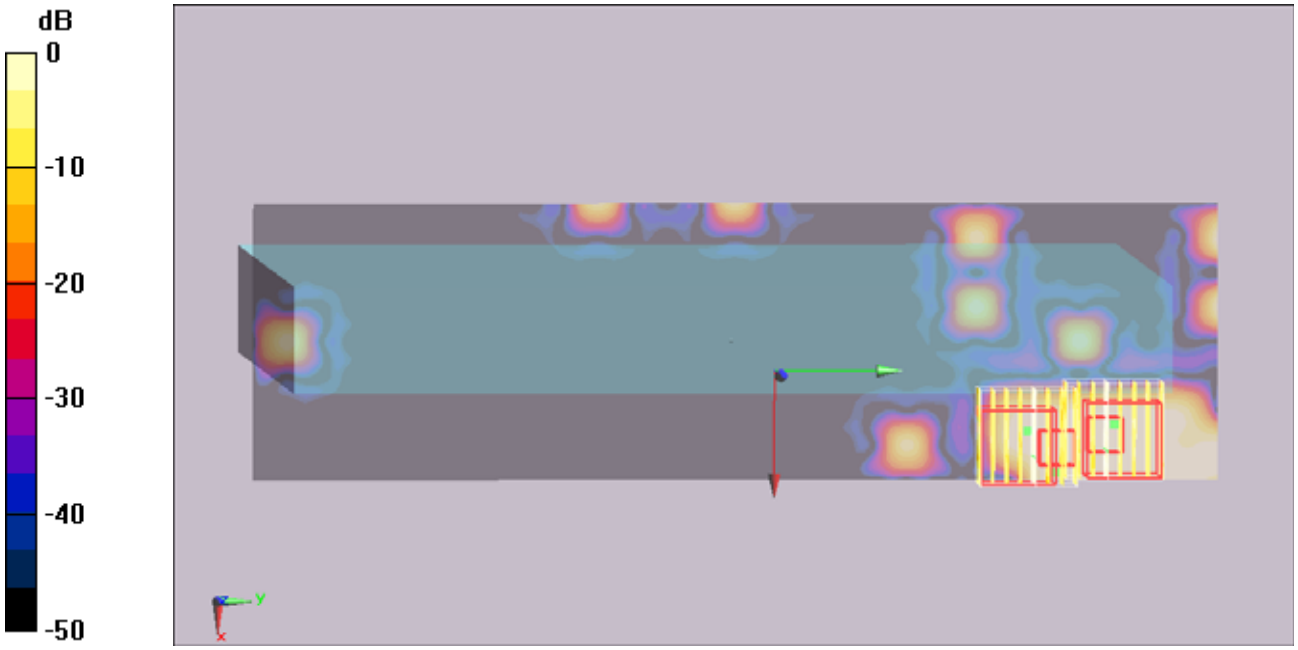
Communication System: 802.11n; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111127 Medium parameters used : f = 5180 MHz; σ = 5.1 mho/m; ε_r = 47.5; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch36/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.029 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.625 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.042 W/kg
SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00611 mW/g
Maximum value of SAR (measured) = 0.020 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.625 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.032 W/kg
SAR(1 g) = 0.00821 mW/g; SAR(10 g) = 0.00496 mW/g
Maximum value of SAR (measured) = 0.018 mW/g



0 dB = 0.018mW/g

#24 802.11a_Bottom Face_0cm_Ch64_Ant A

DUT: 1N0901

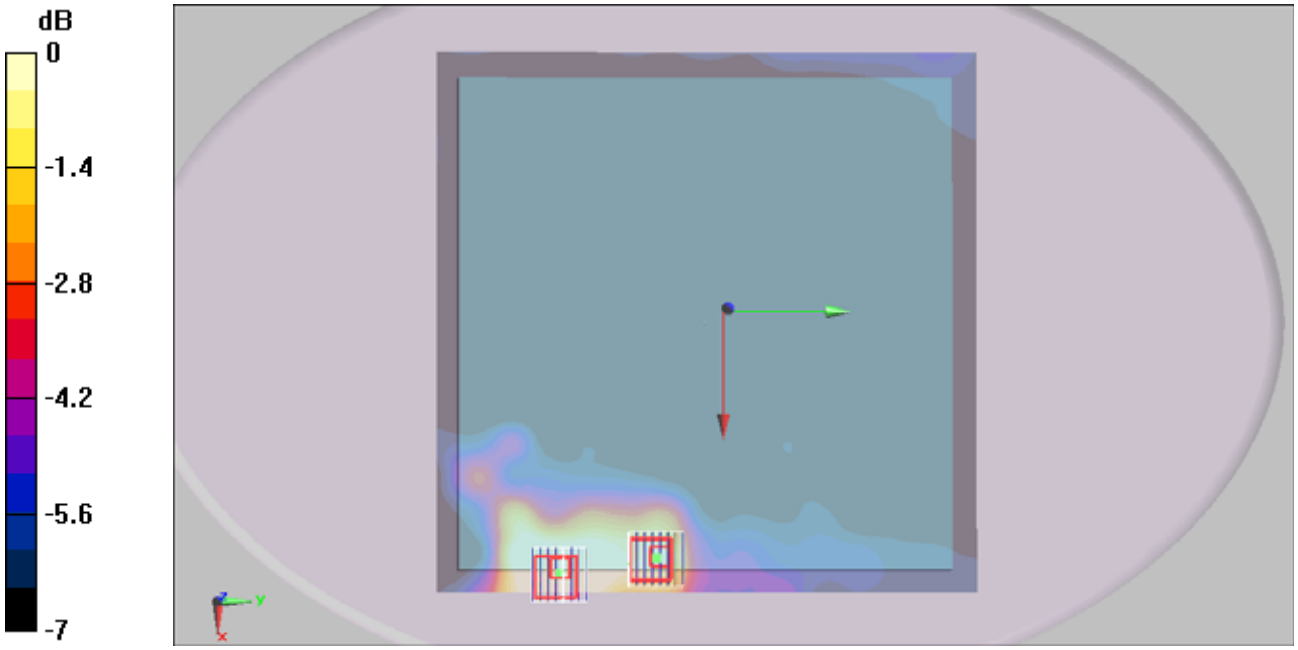
Communication System: 802.11a; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used: f = 5320 MHz; σ = 5.47 mho/m; ε_r = 47.2; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch64/Area Scan (281x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.269 mW/g

Ch64/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.31 V/m; Power Drift = -0.178 dB
Peak SAR (extrapolated) = 0.507 W/kg
SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.113 mW/g
Maximum value of SAR (measured) = 0.312 mW/g

Ch64/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.31 V/m; Power Drift = -0.178 dB
Peak SAR (extrapolated) = 0.287 W/kg
SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.084 mW/g
Maximum value of SAR (measured) = 0.197 mW/g



0 dB = 0.197mW/g

#25 802.11a_Secondary Landscape_0cm_Ch64_Ant A

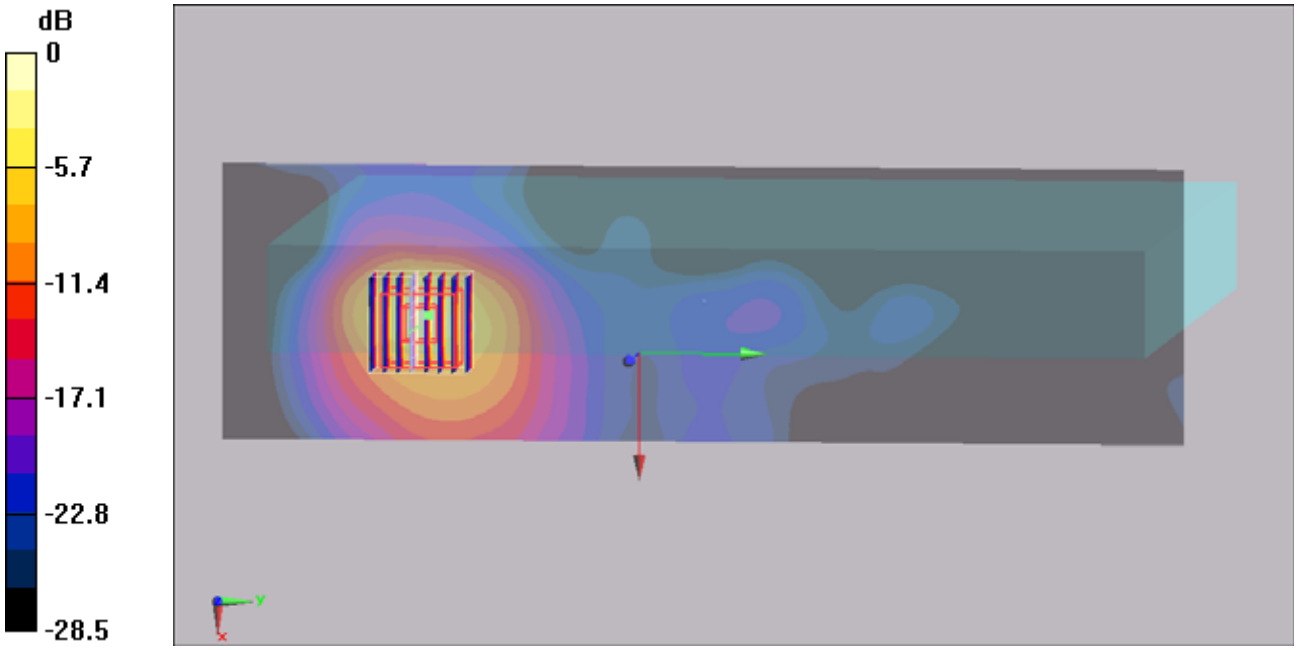
DUT: 1N0901

Communication System: 802.11a; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used: f = 5320 MHz; σ = 5.47 mho/m; ε_r = 47.2; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch64/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.93 mW/g

Ch64/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.37 V/m; Power Drift = 0.122 dB
Peak SAR (extrapolated) = 5.43 W/kg
SAR(1 g) = 1.4 mW/g; SAR(10 g) = 0.434 mW/g
Maximum value of SAR (measured) = 2.85 mW/g



0 dB = 2.85mW/g

#25 802.11a_Secondary Landscape_0cm_Ch64_Ant A_2D

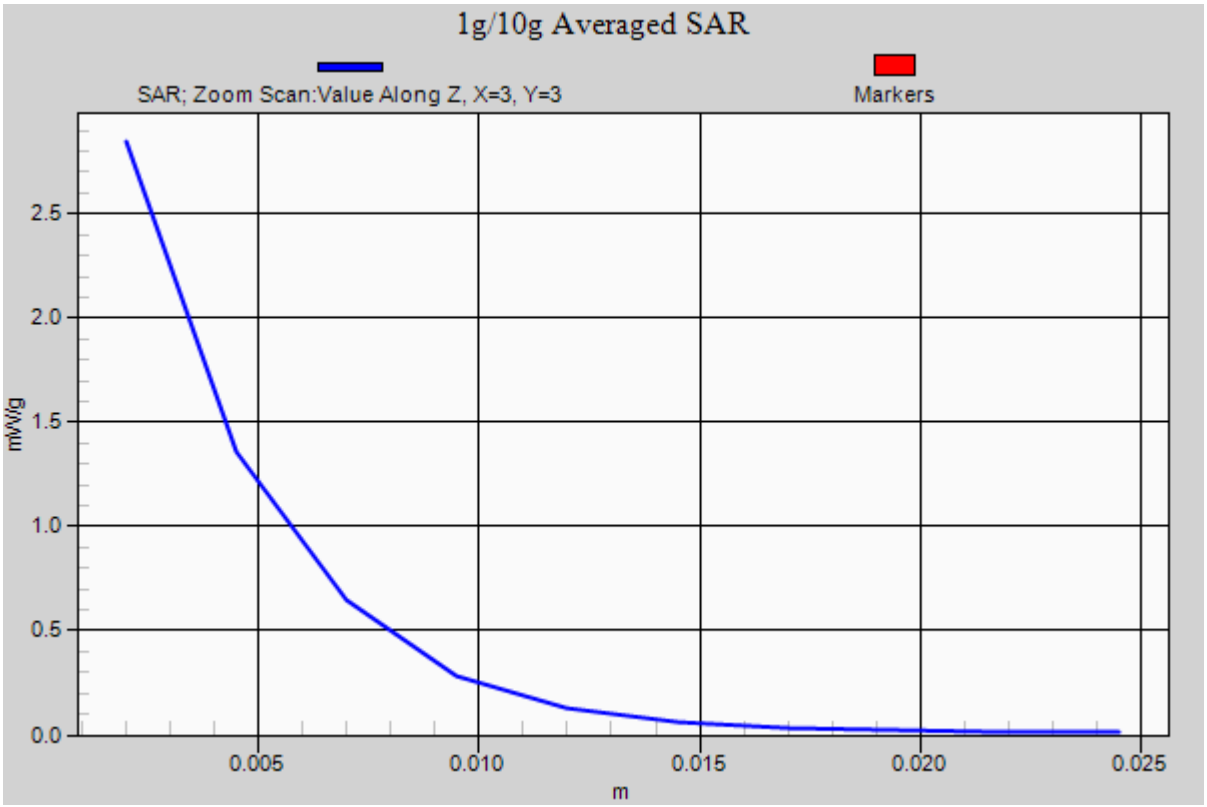
DUT: 1N0901

Communication System: 802.11a; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used: f = 5320 MHz; σ = 5.47 mho/m; ε_r = 47.2; ρ = 1000 kg/m^3
Ambient Temperature：22.2 °C; Liquid Temperature：21.2 °C

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch64/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.93 mW/g

Ch64/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.37 V/m; Power Drift = 0.122 dB
Peak SAR (extrapolated) = 5.43 W/kg
SAR(1 g) = 1.4 mW/g; SAR(10 g) = 0.434 mW/g
Maximum value of SAR (measured) = 2.85 mW/g



#26 802.11a_Secondary Portrait_0cm_Ch64_Ant A

DUT: 1N0901

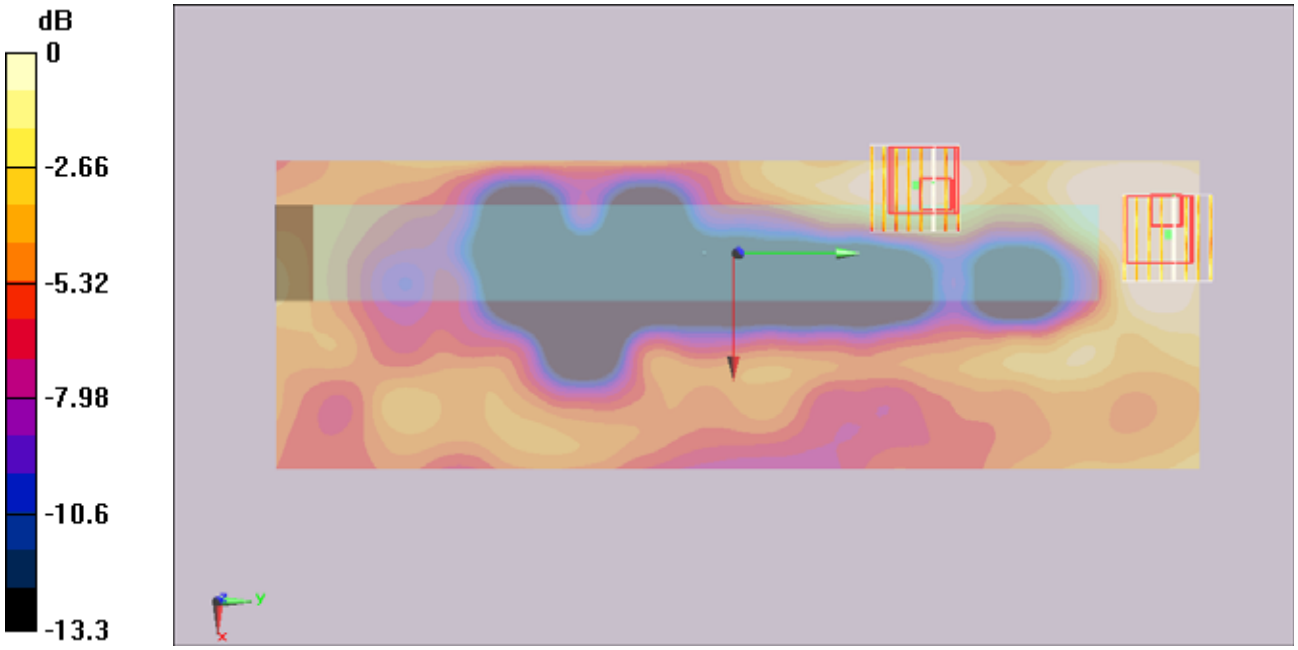
Communication System: 802.11a; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used: f = 5320 MHz; σ = 5.47 mho/m; ε_r = 47.2; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch64/Area Scan (101x301x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.046 mW/g

Ch64/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.162 dB
Peak SAR (extrapolated) = 0.094 W/kg
SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.023 mW/g
Maximum value of SAR (measured) = 0.048 mW/g

Ch64/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.162 dB
Peak SAR (extrapolated) = 0.061 W/kg
SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.017 mW/g
Maximum value of SAR (measured) = 0.035 mW/g



0 dB = 0.035mW/g

#27 802.11a_Secondary Landscape_0cm_Ch52_Ant A

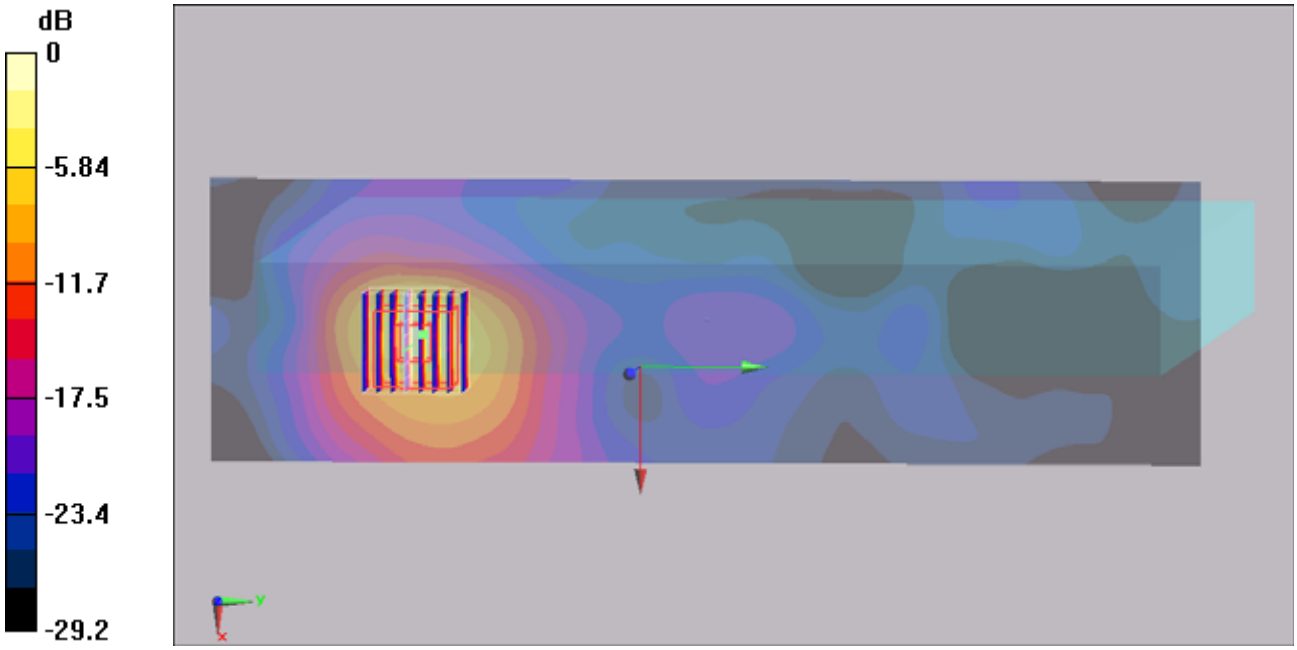
DUT: 1N0901

Communication System: 802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used: f = 5260 MHz; σ = 5.37 mho/m; ε_r = 47.3; ρ = 1000 kg/m^3
Ambient Temperature：22.2 °C; Liquid Temperature：21.2 °C

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch52/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.51 mW/g

Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.28 V/m; Power Drift = 0.101 dB
Peak SAR (extrapolated) = 4.16 W/kg
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.343 mW/g
Maximum value of SAR (measured) = 2.22 mW/g



0 dB = 2.22mW/g

#43 802.11a_Bottom Face_0cm_Ch64_Ant B

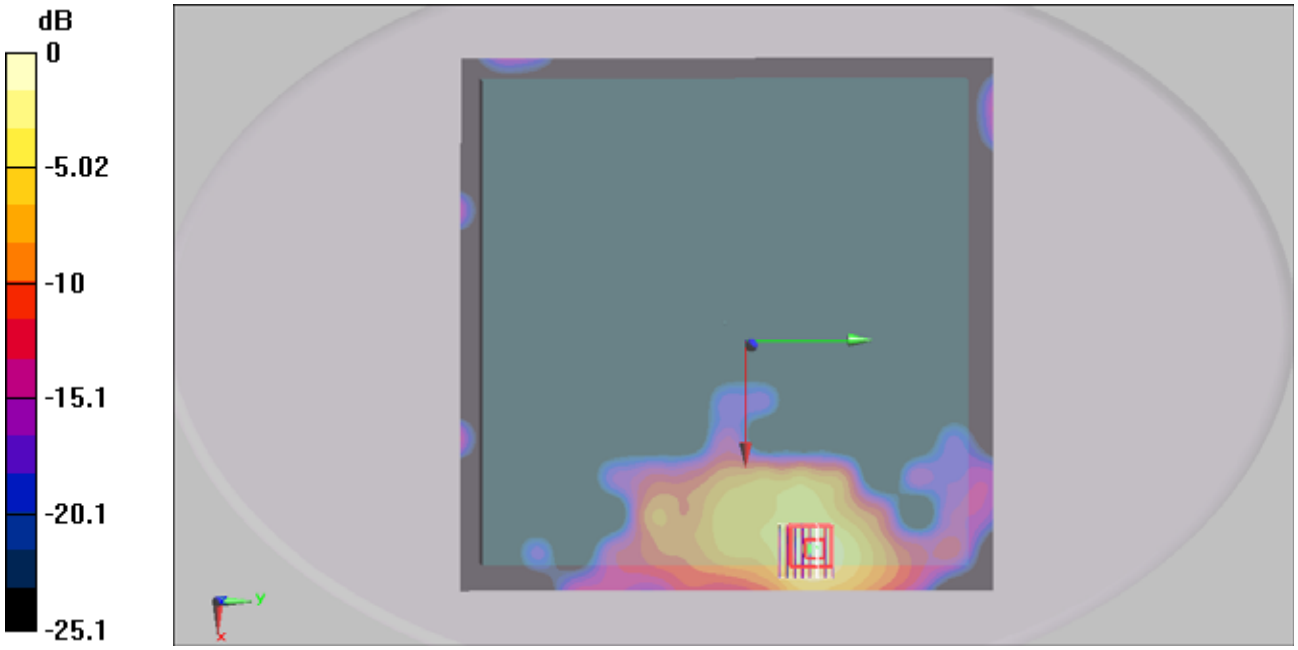
DUT: 1N0901

Communication System: 802.11a; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used : f = 5320 MHz; σ = 5.47 mho/m; ε_r = 47.2; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch64/Area Scan (281x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.413 mW/g

Ch64/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.862 V/m; Power Drift = -0.184 dB
Peak SAR (extrapolated) = 0.813 W/kg
SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.118 mW/g
Maximum value of SAR (measured) = 0.483 mW/g



0 dB = 0.483mW/g

#44 802.11a_Secondary Landscape_0cm_Ch64_Ant B

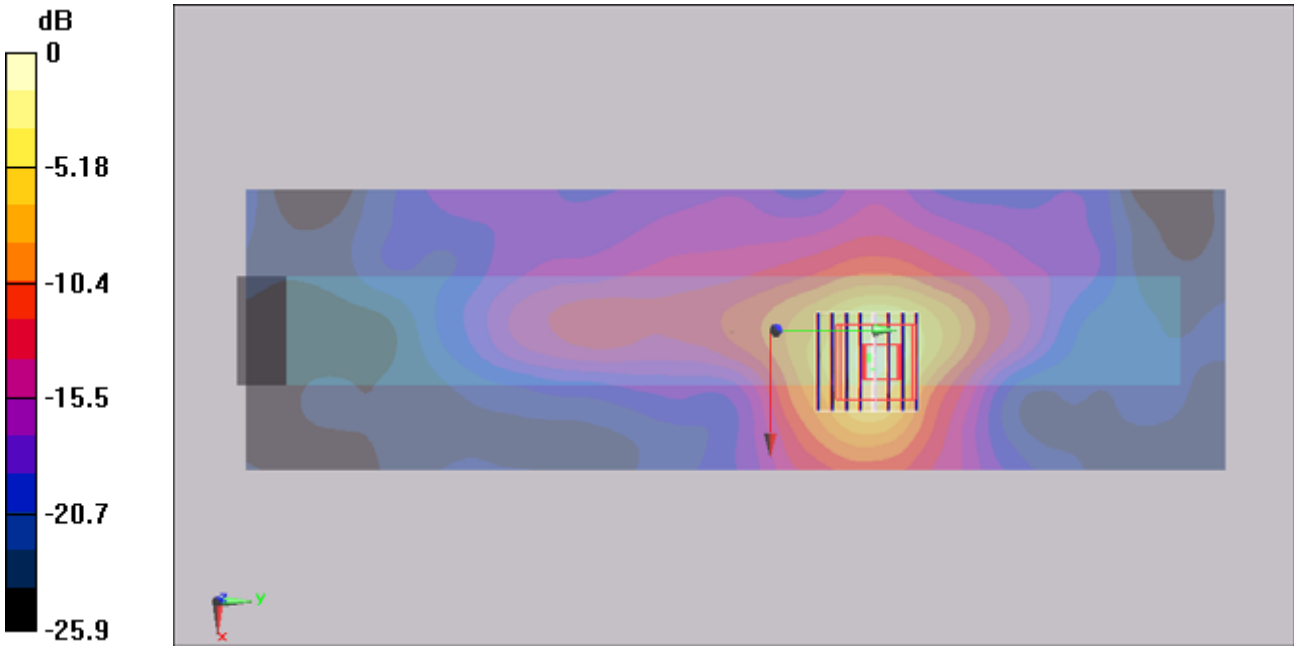
DUT: 1N0901

Communication System: 802.11a; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used: f = 5320 MHz; σ = 5.47 mho/m; ε_r = 47.2; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch64/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.1 mW/g

Ch64/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.28 V/m; Power Drift = -0.154 dB
Peak SAR (extrapolated) = 2.63 W/kg
SAR(1 g) = 0.776 mW/g; SAR(10 g) = 0.269 mW/g
Maximum value of SAR (measured) = 1.43 mW/g



0 dB = 1.43mW/g

#44 802.11a_Secondary Landscape_0cm_Ch64_Ant B_2D

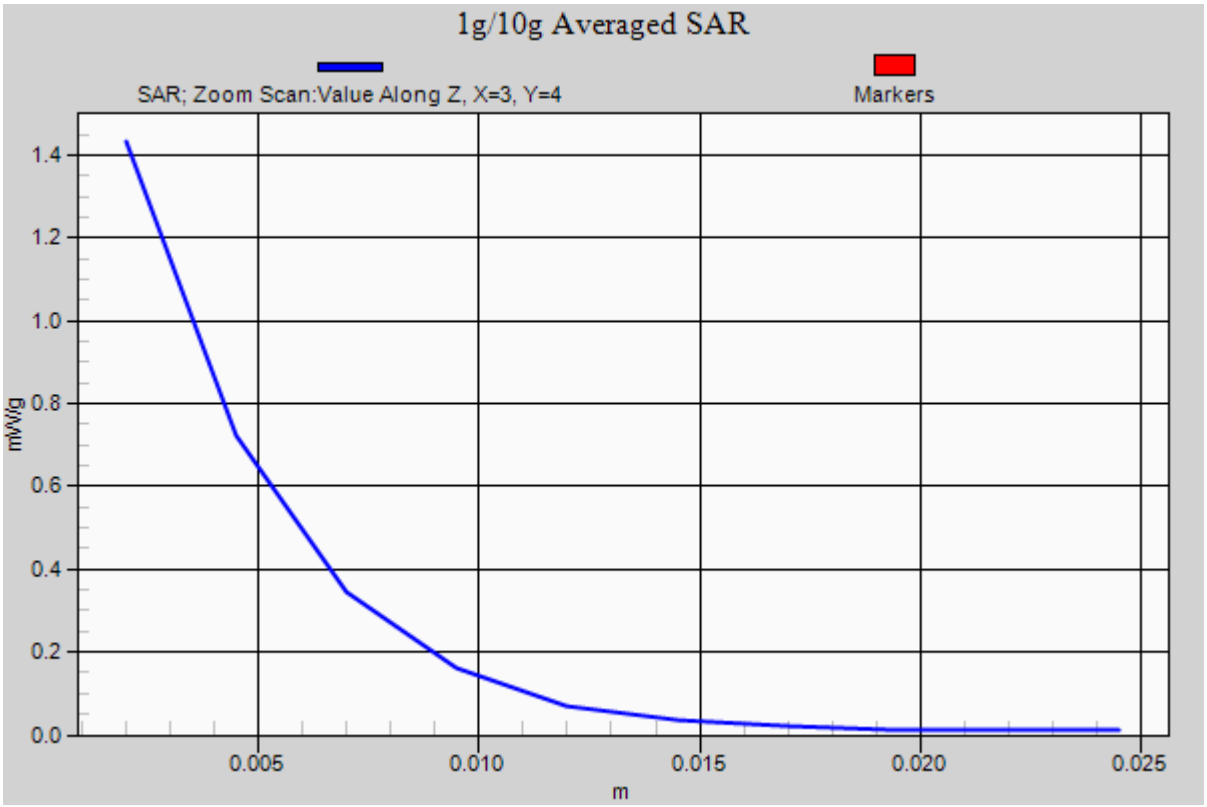
DUT: 1N0901

Communication System: 802.11a; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used: f = 5320 MHz; σ = 5.47 mho/m; ε_r = 47.2; ρ = 1000 kg/m^3
Ambient Temperature：22.2 °C; Liquid Temperature：21.2 °C

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch64/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.1 mW/g

Ch64/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.28 V/m; Power Drift = -0.154 dB
Peak SAR (extrapolated) = 2.63 W/kg
SAR(1 g) = 0.776 mW/g; SAR(10 g) = 0.269 mW/g
Maximum value of SAR (measured) = 1.43 mW/g



#55 802.11n_20M_Bottom Face_0cm_Ch64_Ant A+B

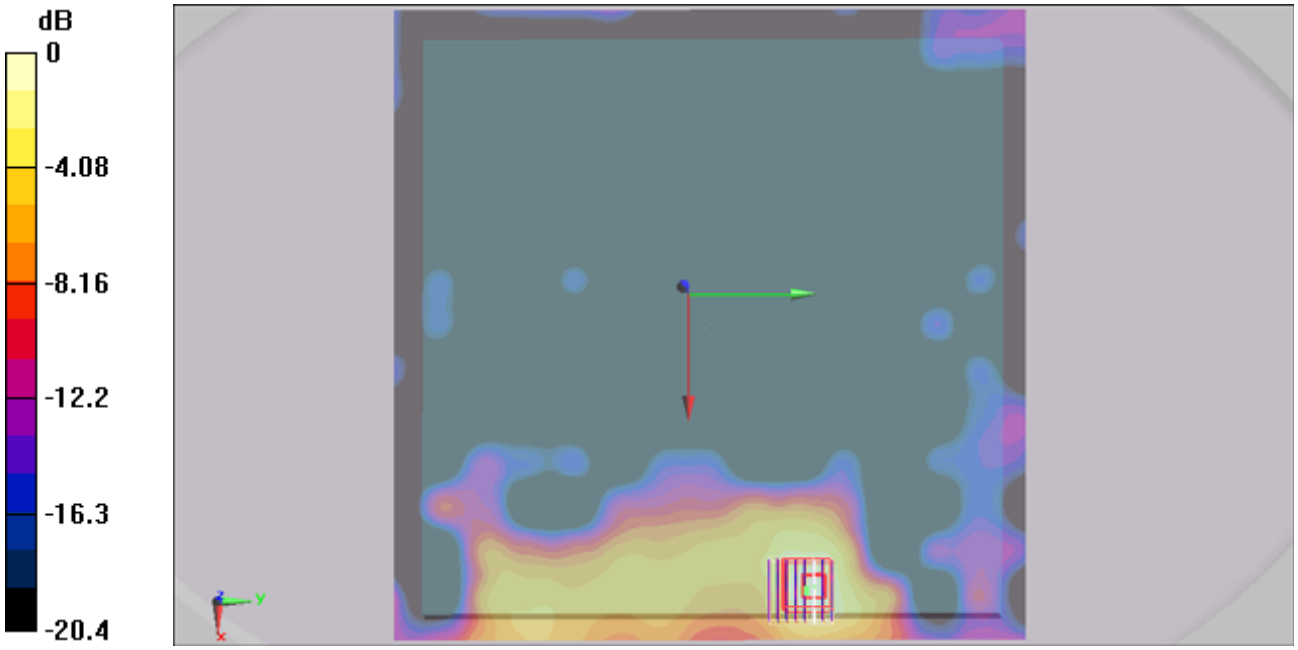
DUT: 1N0901

Communication System: 802.11n; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111127 Medium parameters used: f = 5320 MHz; σ = 5.28 mho/m; ε_r = 47.2; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch64/Area Scan (281x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.215 mW/g

Ch64/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.982 V/m; Power Drift = 0.104 dB
Peak SAR (extrapolated) = 0.428 W/kg
SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.064 mW/g
Maximum value of SAR (measured) = 0.249 mW/g



0 dB = 0.249mW/g

#56 802.11n_20M_Secondary Landscape_0cm_Ch64_Ant A+B

DUT: 1N0901

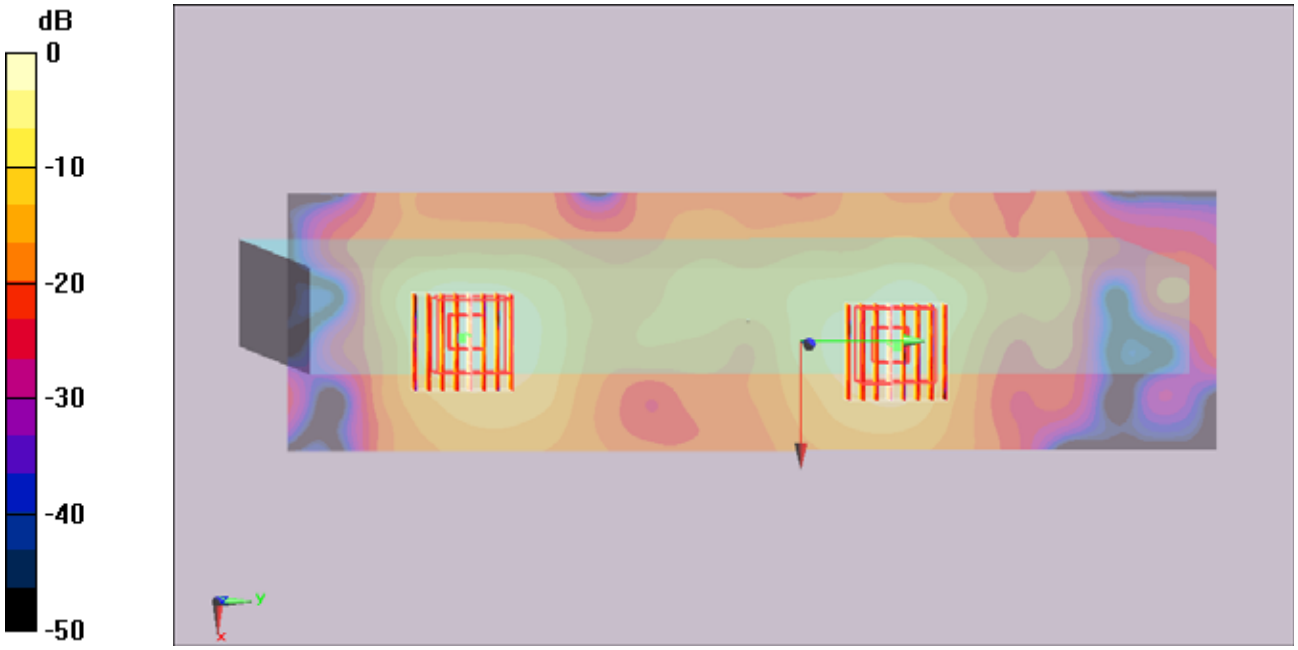
Communication System: 802.11n; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111127 Medium parameters used : f = 5320 MHz; σ = 5.28 mho/m; ε_r = 47.2; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch64/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.777 mW/g

Ch64/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.93 V/m; Power Drift = 0.112 dB
Peak SAR (extrapolated) = 1.94 W/kg
SAR(1 g) = 0.525 mW/g; SAR(10 g) = 0.157 mW/g
Maximum value of SAR (measured) = 1.07 mW/g

Ch64/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.93 V/m; Power Drift = 0.112 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.364 mW/g; SAR(10 g) = 0.124 mW/g
Maximum value of SAR (measured) = 0.705 mW/g



0 dB = 0.705mW/g

#56 802.11n_20M_Secondary Landscape_0cm_Ch64_Ant A+B_2D

DUT: 1N0901

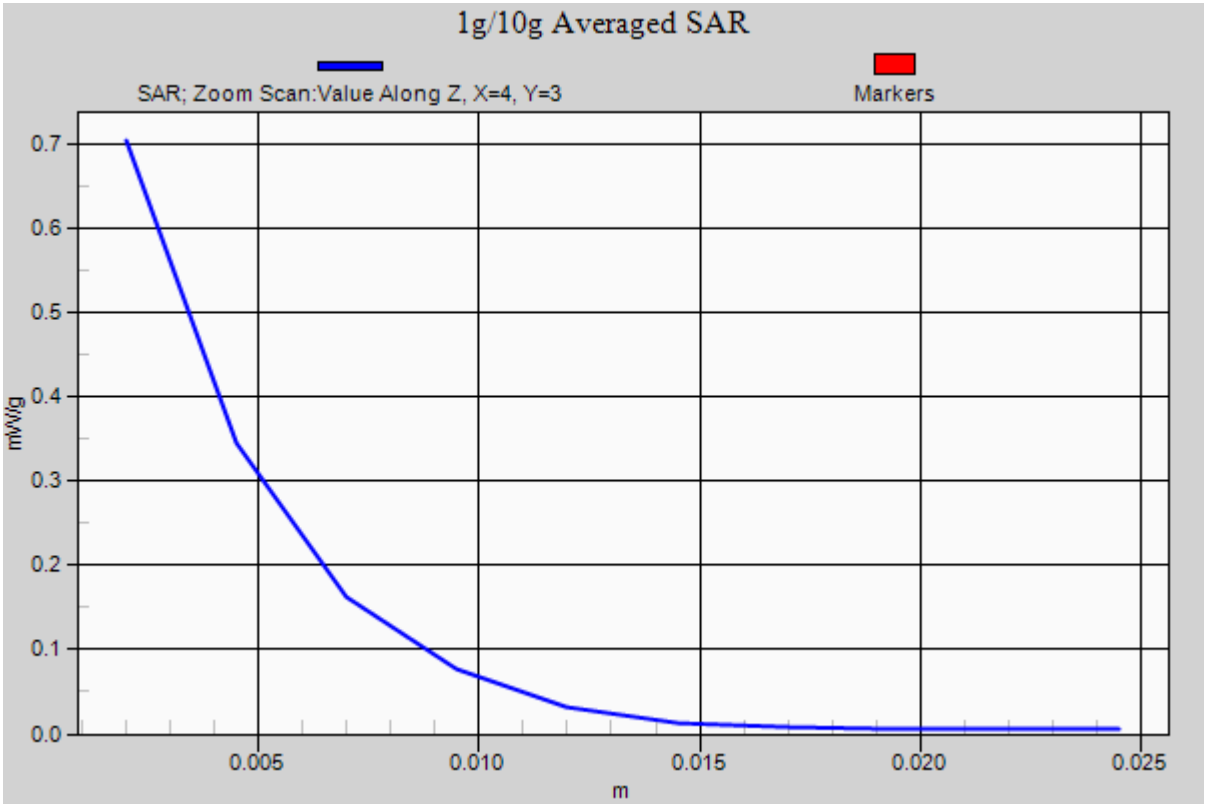
Communication System: 802.11n; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111127 Medium parameters used : f = 5320 MHz; σ = 5.28 mho/m; ε_r = 47.2; ρ = 1000 kg/m^3
Ambient Temperature：22.4 °C; Liquid Temperature：21.4 °C

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch64/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.777 mW/g

Ch64/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.93 V/m; Power Drift = 0.112 dB
Peak SAR (extrapolated) = 1.94 W/kg
SAR(1 g) = 0.525 mW/g; SAR(10 g) = 0.157 mW/g
Maximum value of SAR (measured) = 1.07 mW/g

Ch64/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.93 V/m; Power Drift = 0.112 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.364 mW/g; SAR(10 g) = 0.124 mW/g
Maximum value of SAR (measured) = 0.705 mW/g



#57 802.11n_20M_Secondary Portrait_0cm_Ch64_Ant A+B

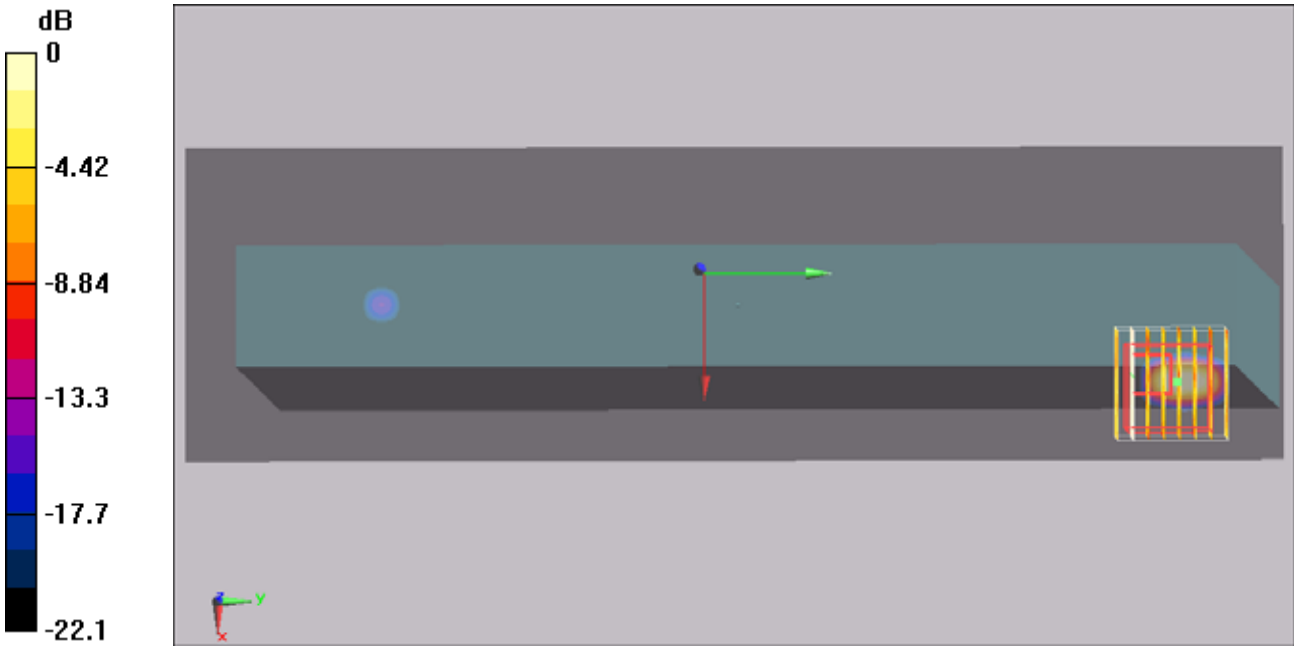
DUT: 1N0901

Communication System: 802.11n; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111127 Medium parameters used: f = 5320 MHz; σ = 5.28 mho/m; ε_r = 47.2; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch64/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.033 mW/g

Ch64/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.144 dB
Peak SAR (extrapolated) = 0.049 W/kg
SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00943 mW/g
Maximum value of SAR (measured) = 0.026 mW/g



0 dB = 0.026mW/g

#28 802.11a_Bottom Face_0cm_Ch116_Ant A

DUT: 1N0901

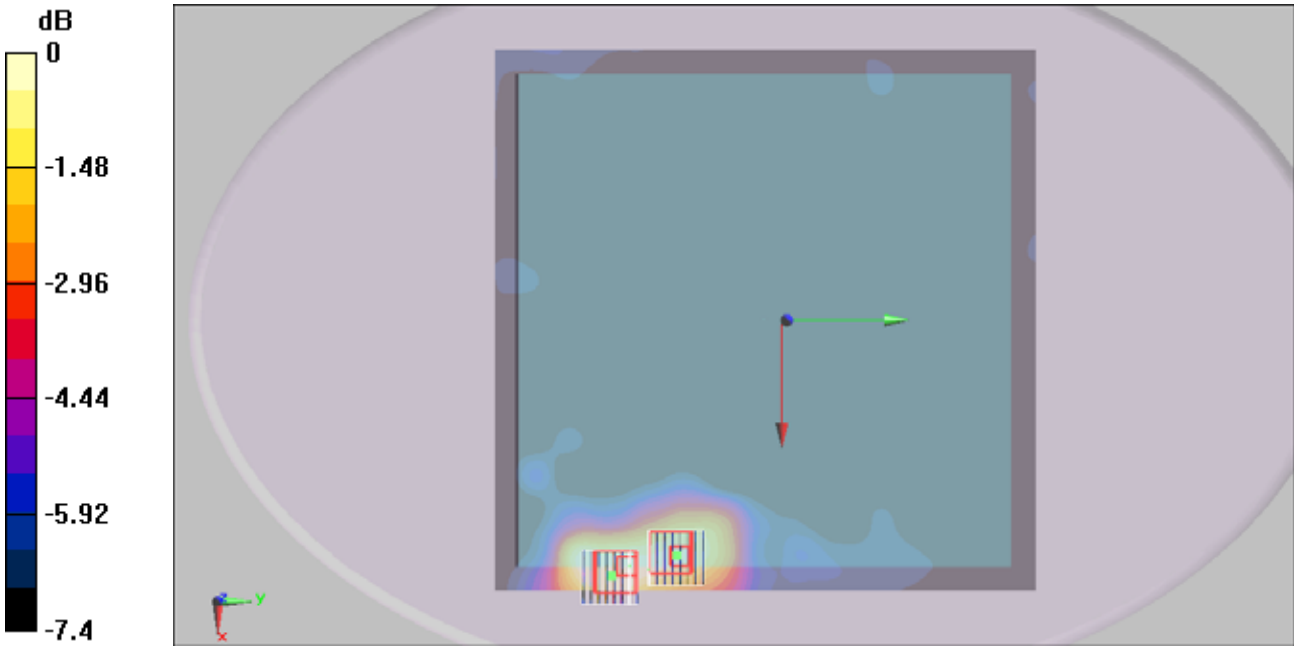
Communication System: 802.11a; Frequency: 5580 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used: f = 5580 MHz; σ = 5.83 mho/m; ε_r = 46.8; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.53, 3.53, 3.53); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch116/Area Scan (281x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.298 mW/g

Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.65 V/m; Power Drift = -0.119 dB
Peak SAR (extrapolated) = 0.536 W/kg
SAR(1 g) = 0.210 mW/g; SAR(10 g) = 0.120 mW/g
Maximum value of SAR (measured) = 0.341 mW/g

Ch116/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.65 V/m; Power Drift = -0.119 dB
Peak SAR (extrapolated) = 0.421 W/kg
SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.109 mW/g
Maximum value of SAR (measured) = 0.264 mW/g



0 dB = 0.264mW/g

#29 802.11a_Secondary Landscape_0cm_Ch116_Ant A

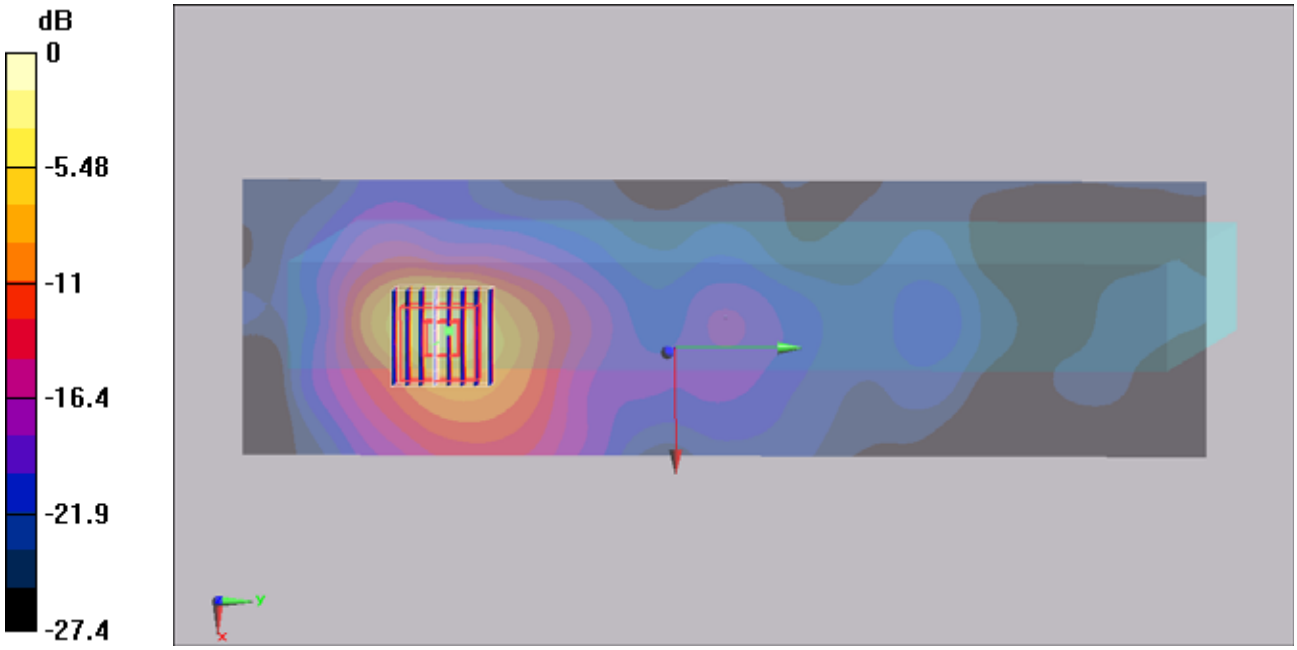
DUT: 1N0901

Communication System: 802.11a; Frequency: 5580 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used: f = 5580 MHz; σ = 5.83 mho/m; ε_r = 46.8; ρ = 1000 kg/m^3
Ambient Temperature：22.2 °C; Liquid Temperature：21.2 °C

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.53, 3.53, 3.53); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch116/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.71 mW/g

Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.21 V/m; Power Drift = 0.121 dB
Peak SAR (extrapolated) = 5.3 W/kg
SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.418 mW/g
Maximum value of SAR (measured) = 2.88 mW/g



0 dB = 2.88mW/g

#30 802.11a_Secondary Portrait_0cm_Ch116_Ant A

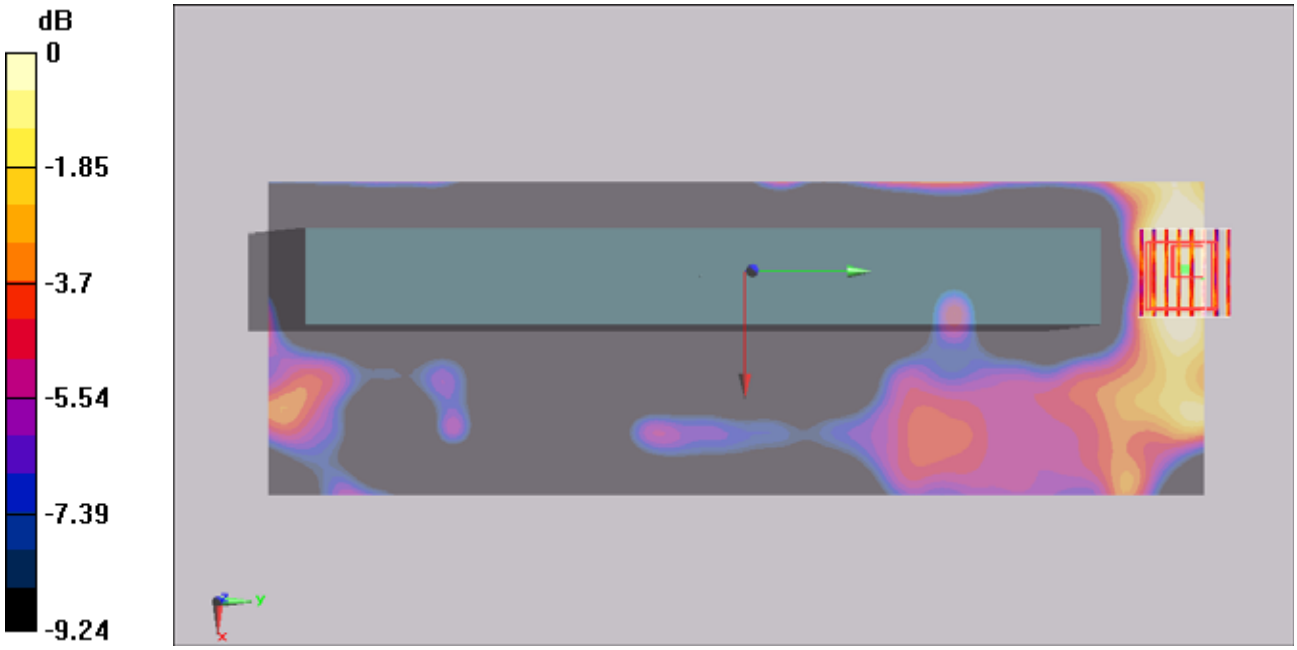
DUT: 1N0901

Communication System: 802.11a; Frequency: 5580 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used: f = 5580 MHz; σ = 5.83 mho/m; ε_r = 46.8; ρ = 1000 kg/m^3
Ambient Temperature：22.2 °C; Liquid Temperature：21.2 °C

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.53, 3.53, 3.53); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch116/Area Scan (101x301x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.086 mW/g

Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.424 V/m; Power Drift = 0.193 dB
Peak SAR (extrapolated) = 0.110 W/kg
SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.061 mW/g



0 dB = 0.061mW/g

#31 802.11a_Secondary Landscape_0cm_Ch104_Ant A

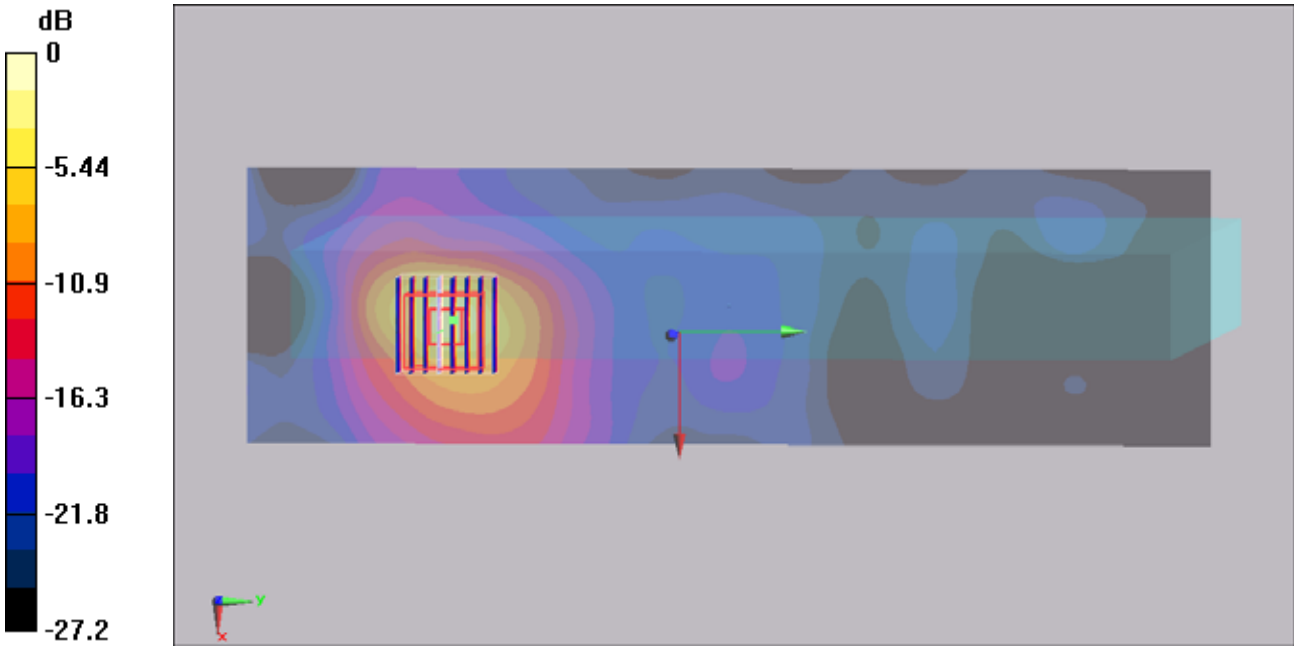
DUT: 1N0901

Communication System: 802.11a; Frequency: 5520 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used: f = 5520 MHz; σ = 5.75 mho/m; ε_r = 46.9; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃； Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch104/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.73 mW/g

Ch104/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.6 V/m; Power Drift = 0.179 dB
Peak SAR (extrapolated) = 5.62 W/kg
SAR(1 g) = 1.42 mW/g; SAR(10 g) = 0.434 mW/g
Maximum value of SAR (measured) = 2.95 mW/g



0 dB = 2.95mW/g

#31 802.11a_Secondary Landscape_0cm_Ch104_Ant A_2D

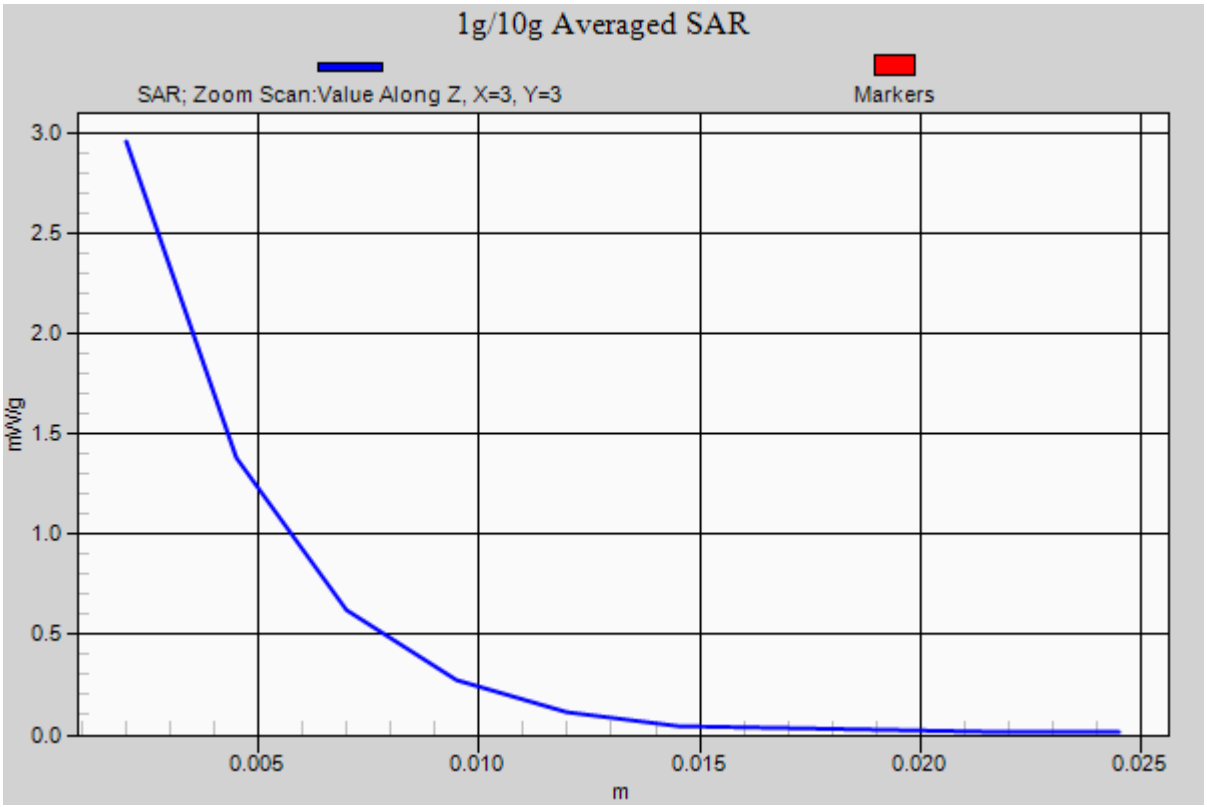
DUT: 1N0901

Communication System: 802.11a; Frequency: 5520 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used: f = 5520 MHz; σ = 5.75 mho/m; ε_r = 46.9; ρ = 1000 kg/m^3
Ambient Temperature：22.2 °C; Liquid Temperature：21.2 °C

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch104/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.73 mW/g

Ch104/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.6 V/m; Power Drift = 0.179 dB
Peak SAR (extrapolated) = 5.62 W/kg
SAR(1 g) = 1.42 mW/g; SAR(10 g) = 0.434 mW/g
Maximum value of SAR (measured) = 2.95 mW/g



#32 802.11a_Secondary Landscape_0cm_Ch124_Ant A

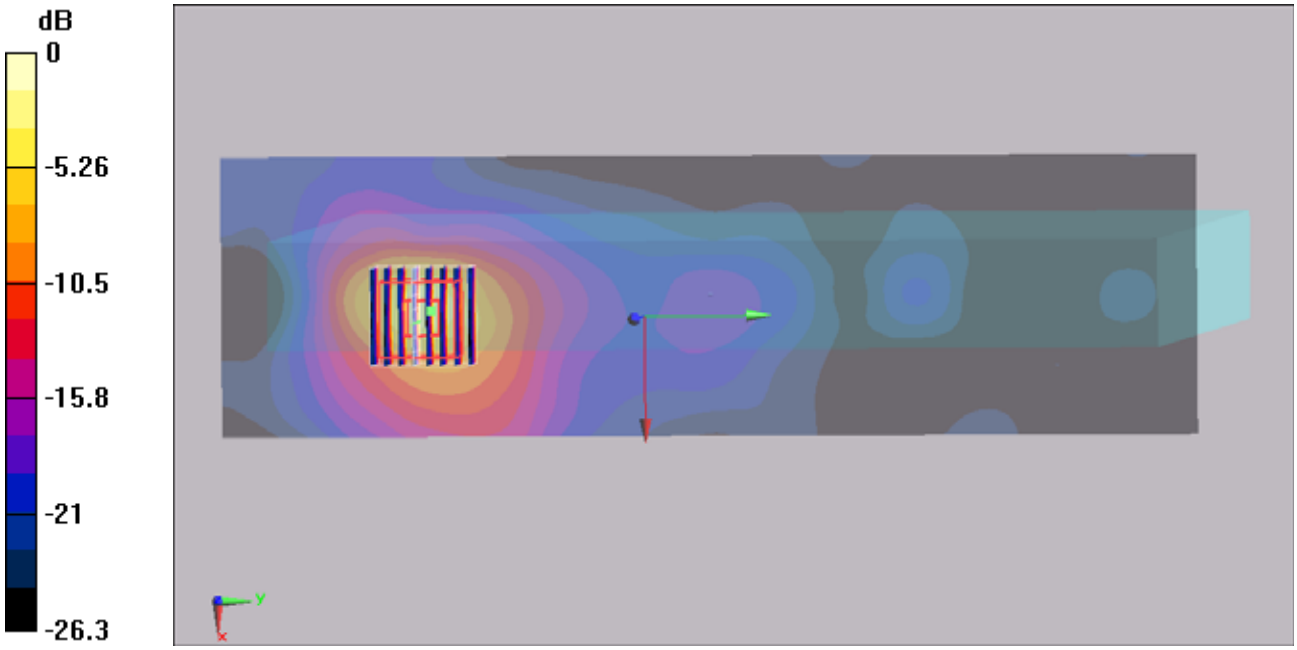
DUT: 1N0901

Communication System: 802.11a; Frequency: 5620 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used: f = 5620 MHz; σ = 5.9 mho/m; ε_r = 46.7; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.53, 3.53, 3.53); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch124/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.84 mW/g

Ch124/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.79 V/m; Power Drift = 0.117 dB
Peak SAR (extrapolated) = 5.54 W/kg
SAR(1 g) = 1.4 mW/g; SAR(10 g) = 0.421 mW/g
Maximum value of SAR (measured) = 2.88 mW/g



0 dB = 2.88mW/g

#33 802.11a_Secondary Landscape_0cm_Ch136_Ant A

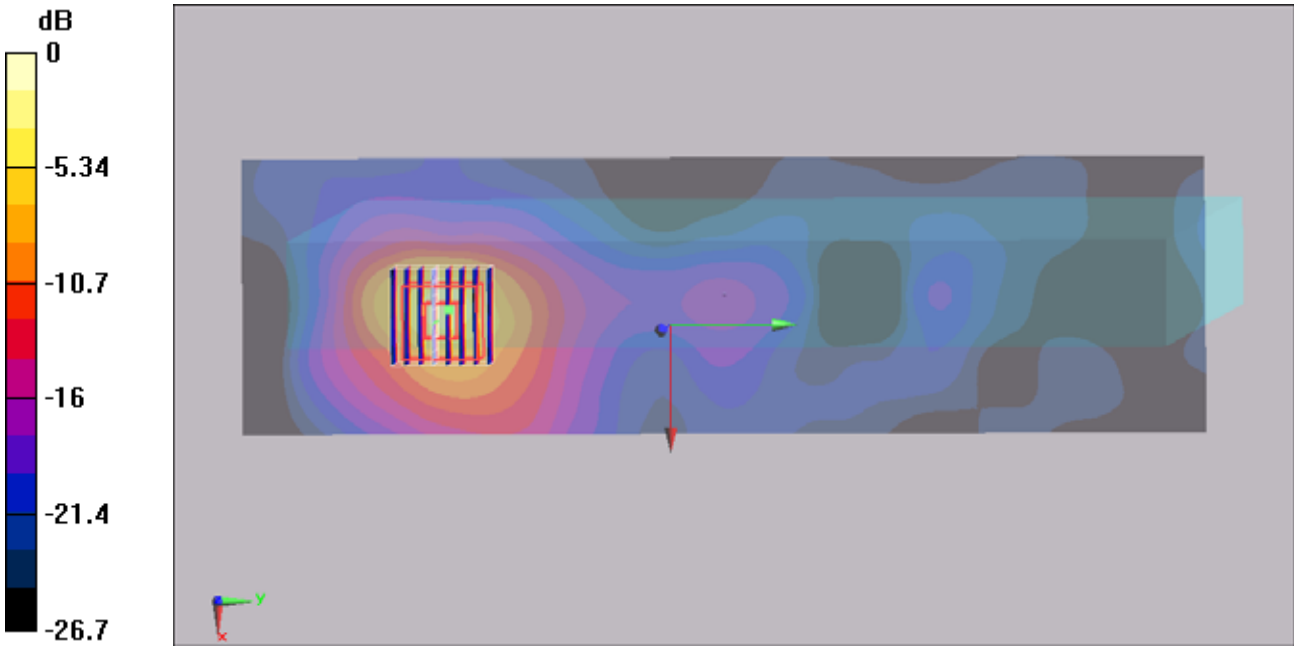
DUT: 1N0901

Communication System: 802.11a; Frequency: 5680 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used: f = 5680 MHz; σ = 6 mho/m; ε_r = 46.6; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.53, 3.53, 3.53); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch136/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.65 mW/g

Ch136/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.03 V/m; Power Drift = 0.129 dB
Peak SAR (extrapolated) = 5.44 W/kg
SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.409 mW/g
Maximum value of SAR (measured) = 2.76 mW/g



0 dB = 2.76mW/g

#45 802.11a_Bottom Face_0cm_Ch116_Ant B

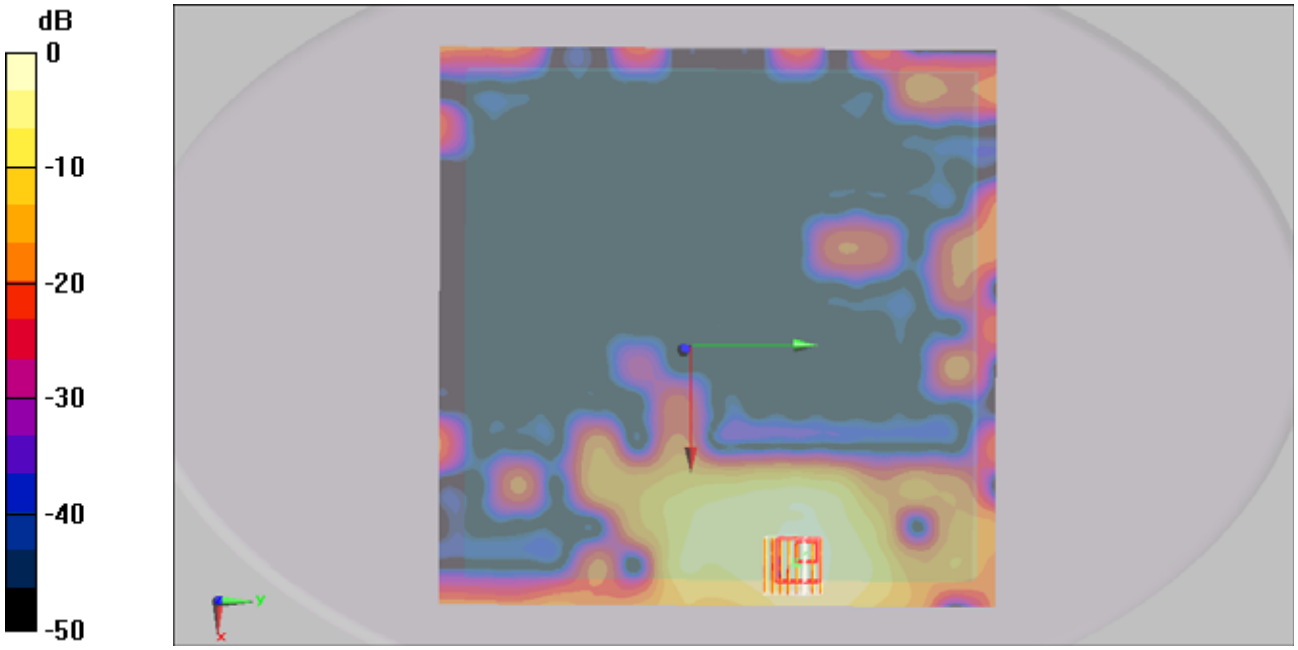
DUT: 1N0901

Communication System: 802.11a; Frequency: 5580 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used : f = 5580 MHz; σ = 5.83 mho/m; ε_r = 46.8; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.53, 3.53, 3.53); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch116/Area Scan (281x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.523 mW/g

Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.001 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.354 mW/g; SAR(10 g) = 0.151 mW/g
Maximum value of SAR (measured) = 0.644 mW/g



0 dB = 0.644mW/g

#46 802.11a_Secondary Landscape_0cm_Ch116_Ant B

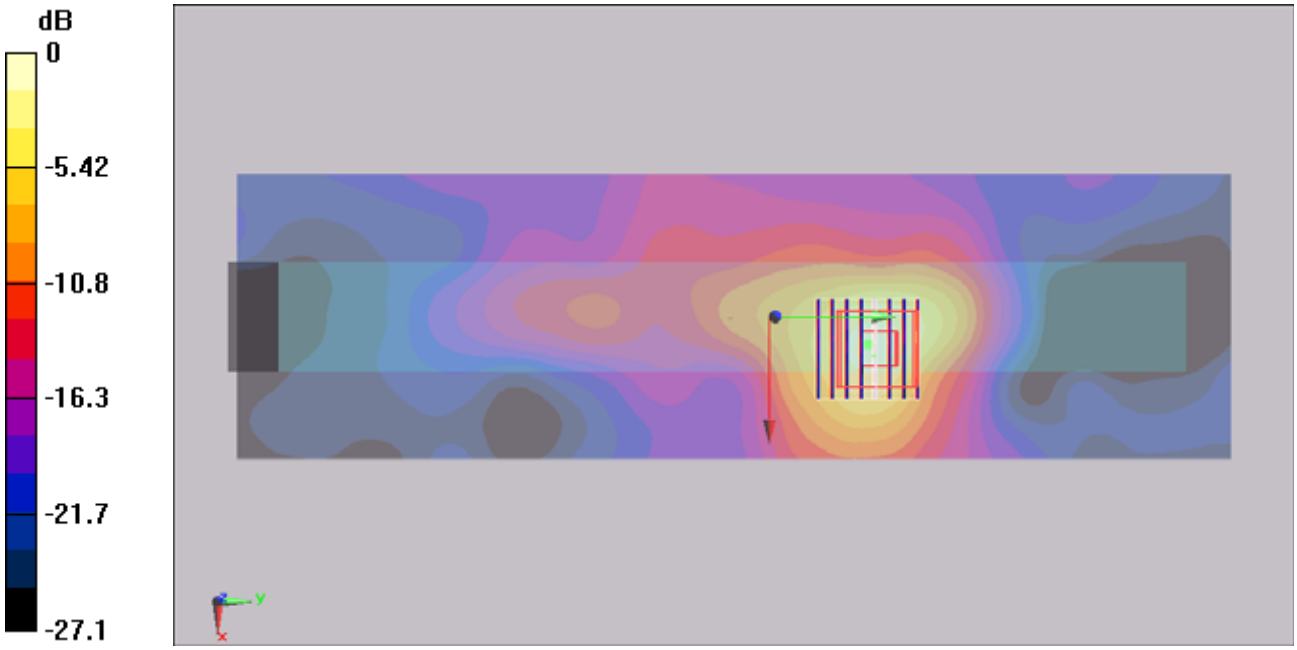
DUT: 1N0901

Communication System: 802.11a; Frequency: 5580 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used: f = 5580 MHz; σ = 5.83 mho/m; ε_r = 46.8; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.53, 3.53, 3.53); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch116/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.4 mW/g

Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.31 V/m; Power Drift = 0.128 dB
Peak SAR (extrapolated) = 3.14 W/kg
SAR(1 g) = 0.891 mW/g; SAR(10 g) = 0.312 mW/g
Maximum value of SAR (measured) = 1.69 mW/g



0 dB = 1.69mW/g

#47 802.11a_Secondary Landscape_0cm_Ch104_Ant B

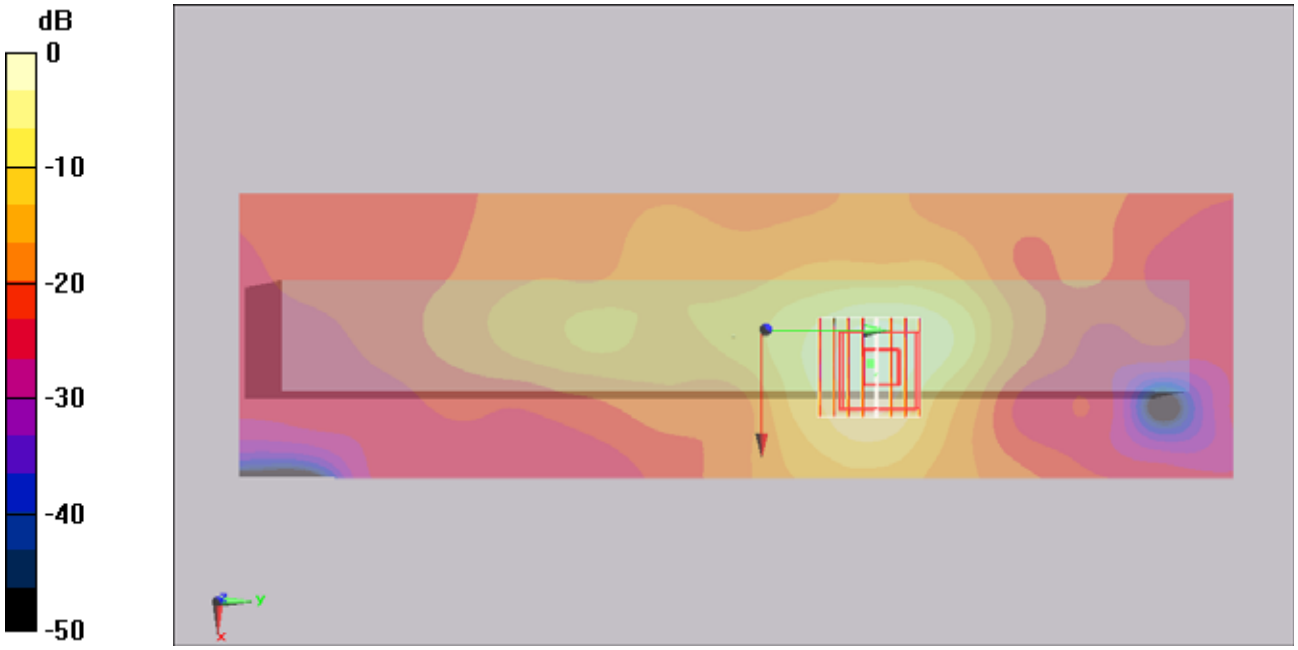
DUT: 1N0901

Communication System: 802.11a; Frequency: 5520 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used: f = 5520 MHz; σ = 5.75 mho/m; ε_r = 46.9; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch104/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.38 mW/g

Ch104/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.51 V/m; Power Drift = -0.175 dB
Peak SAR (extrapolated) = 3.06 W/kg
SAR(1 g) = 0.861 mW/g; SAR(10 g) = 0.298 mW/g
Maximum value of SAR (measured) = 1.63 mW/g



0 dB = 1.63mW/g

#48 802.11a_Secondary Landscape_0cm_Ch124_Ant B

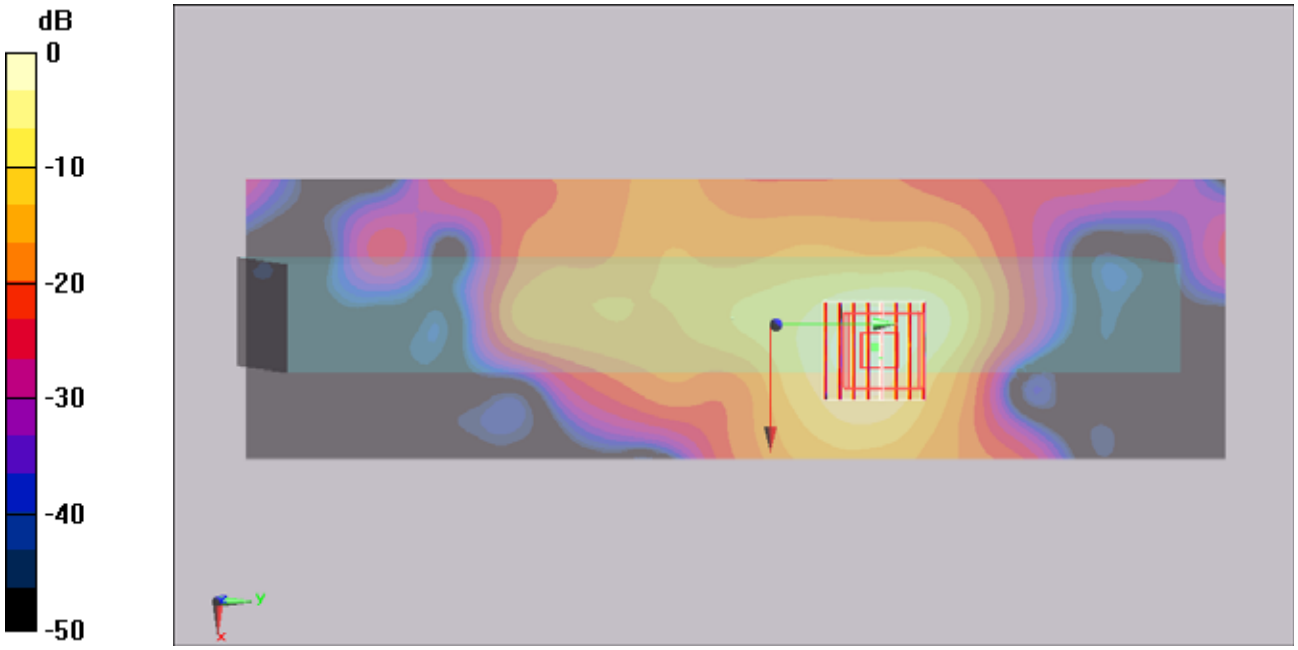
DUT: 1N0901

Communication System: 802.11a; Frequency: 5620 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used: f = 5620 MHz; σ = 5.9 mho/m; ε_r = 46.7; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.53, 3.53, 3.53); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch124/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.51 mW/g

Ch124/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.4 V/m; Power Drift = -0.126 dB
Peak SAR (extrapolated) = 3.23 W/kg
SAR(1 g) = 0.903 mW/g; SAR(10 g) = 0.312 mW/g
Maximum value of SAR (measured) = 1.77 mW/g



0 dB = 1.77mW/g

#48 802.11a_Secondary Landscape_0cm_Ch124_Ant B_2D

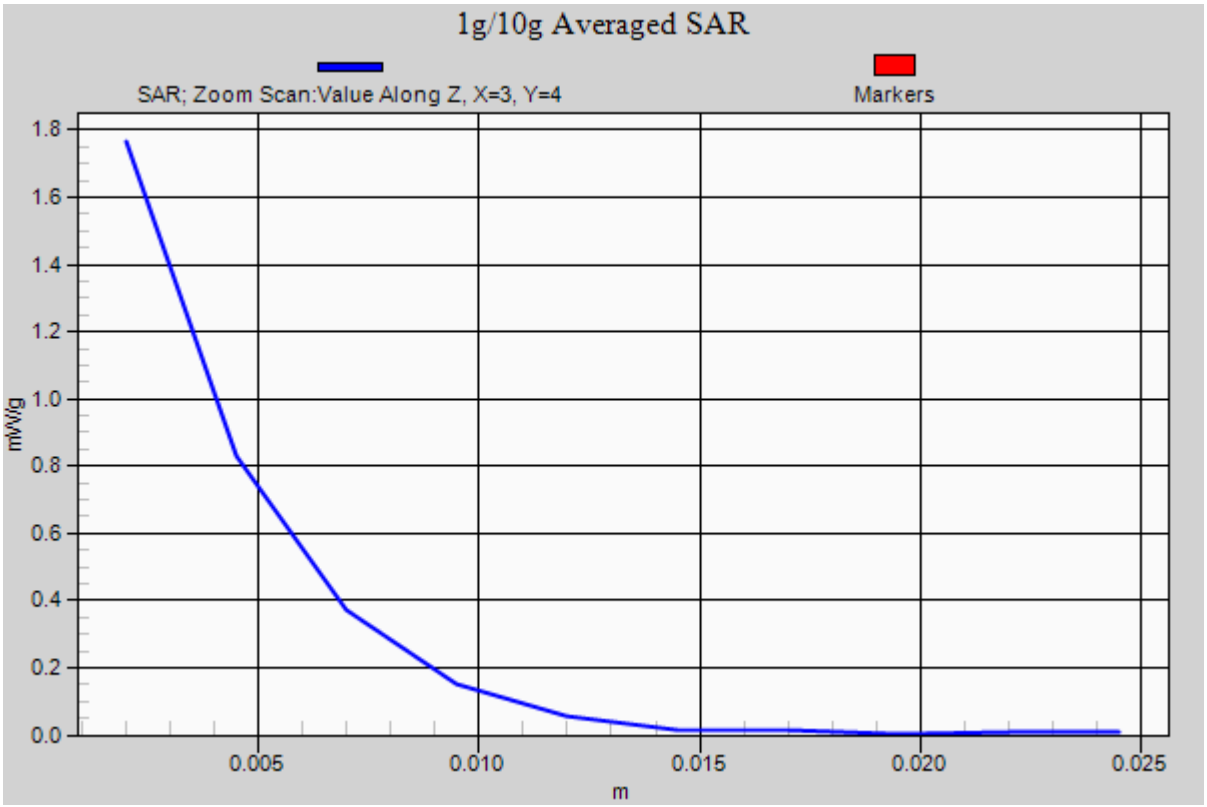
DUT: 1N0901

Communication System: 802.11a; Frequency: 5620 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used: f = 5620 MHz; σ = 5.9 mho/m; ε_r = 46.7; ρ = 1000 kg/m^3
Ambient Temperature：22.2 °C; Liquid Temperature：21.2 °C

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.53, 3.53, 3.53); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch124/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.51 mW/g

Ch124/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.4 V/m; Power Drift = -0.126 dB
Peak SAR (extrapolated) = 3.23 W/kg
SAR(1 g) = 0.903 mW/g; SAR(10 g) = 0.312 mW/g
Maximum value of SAR (measured) = 1.77 mW/g



#49 802.11a_Secondary Landscape_0cm_Ch136_Ant B

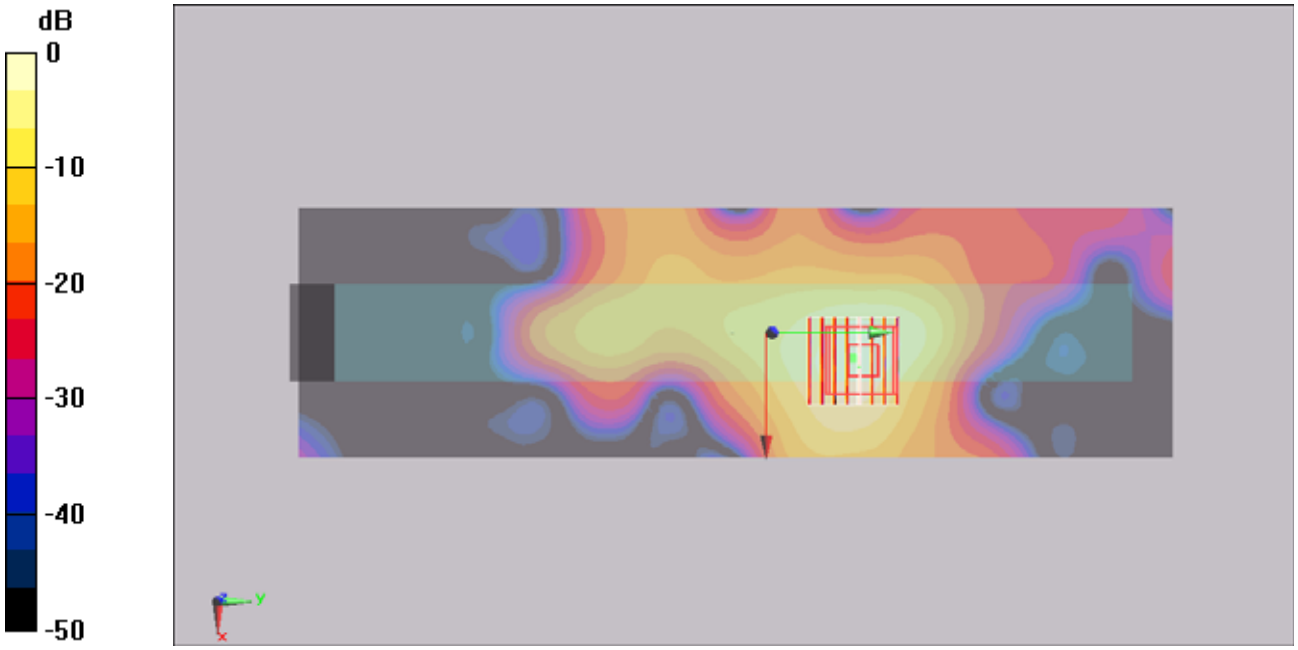
DUT: 1N0901

Communication System: 802.11a; Frequency: 5680 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used: f = 5680 MHz; σ = 6 mho/m; ε_r = 46.6; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.53, 3.53, 3.53); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch136/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.41 mW/g

Ch136/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.25 V/m; Power Drift = -0.125 dB
Peak SAR (extrapolated) = 3.02 W/kg
SAR(1 g) = 0.819 mW/g; SAR(10 g) = 0.283 mW/g
Maximum value of SAR (measured) = 1.59 mW/g



0 dB = 1.59mW/g

#58 802.11n_20M_Bottom Face_0cm_Ch116_Ant A+B

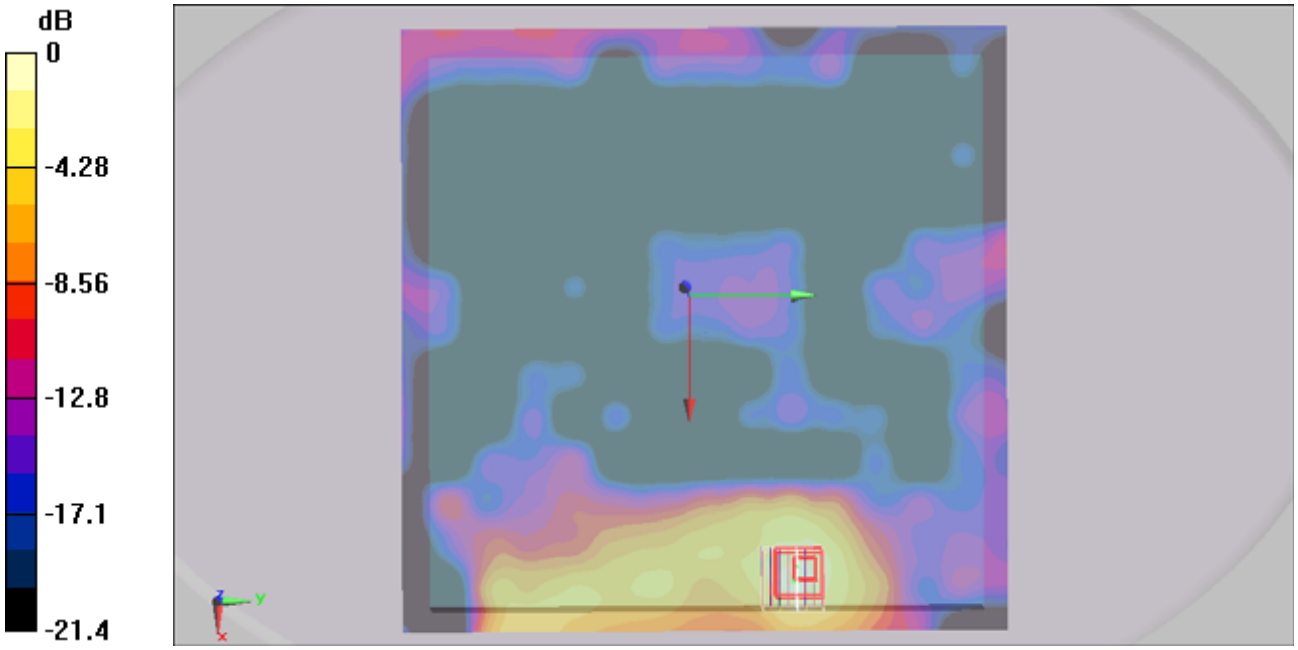
DUT: 1N0901

Communication System: 802.11n; Frequency: 5580 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111127 Medium parameters used: f = 5580 MHz; σ = 5.63 mho/m; ε_r = 46.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.53, 3.53, 3.53); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch116/Area Scan (281x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.229 mW/g

Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.856 V/m; Power Drift = -0.166 dB
Peak SAR (extrapolated) = 0.489 W/kg
SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.073 mW/g
Maximum value of SAR (measured) = 0.283 mW/g



0 dB = 0.283mW/g

#59 802.11n_20M_Secondary Landscape_0cm_Ch116_Ant A+B

DUT: 1N0901

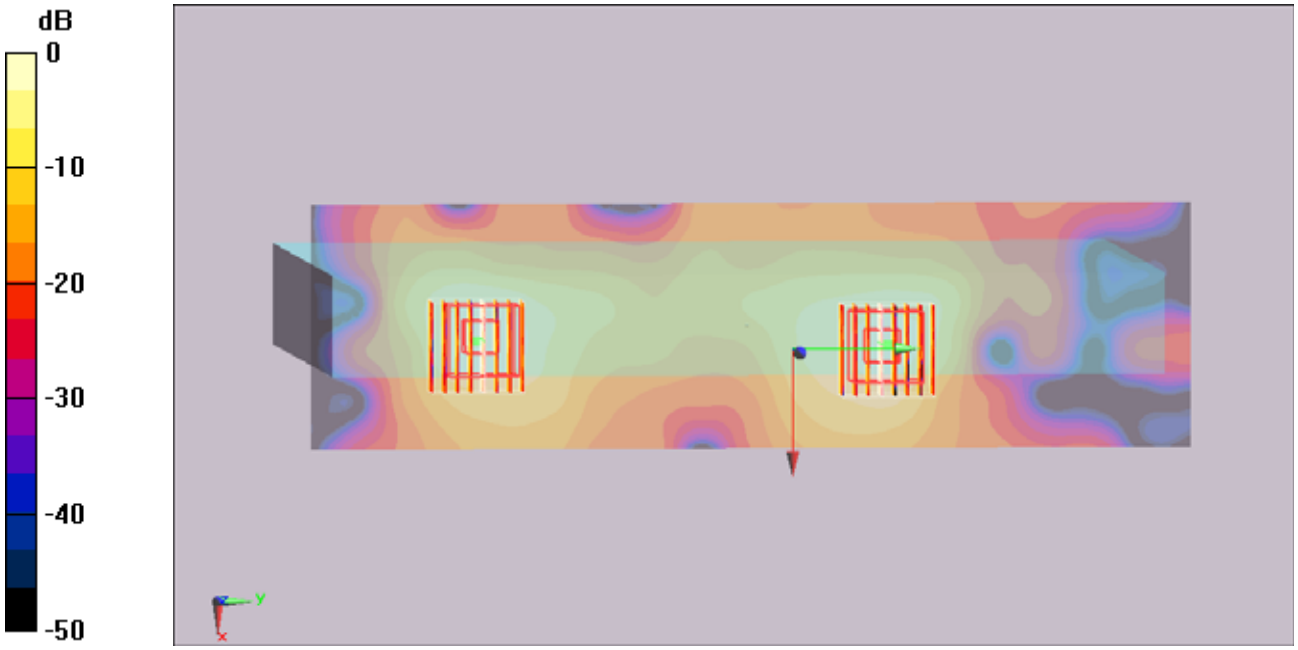
Communication System: 802.11n; Frequency: 5580 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111127 Medium parameters used : f = 5580 MHz; σ = 5.63 mho/m; ε_r = 46.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.53, 3.53, 3.53); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch116/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.974 mW/g

Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.87 V/m; Power Drift = -0.107 dB
Peak SAR (extrapolated) = 2.57 W/kg
SAR(1 g) = 0.661 mW/g; SAR(10 g) = 0.196 mW/g
Maximum value of SAR (measured) = 1.39 mW/g

Ch116/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.87 V/m; Power Drift = -0.107 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.368 mW/g; SAR(10 g) = 0.126 mW/g
Maximum value of SAR (measured) = 0.733 mW/g



0 dB = 0.733mW/g

#59 802.11n_20M_Secondary Landscape_0cm_Ch116_Ant A+B_2D

DUT: 1N0901

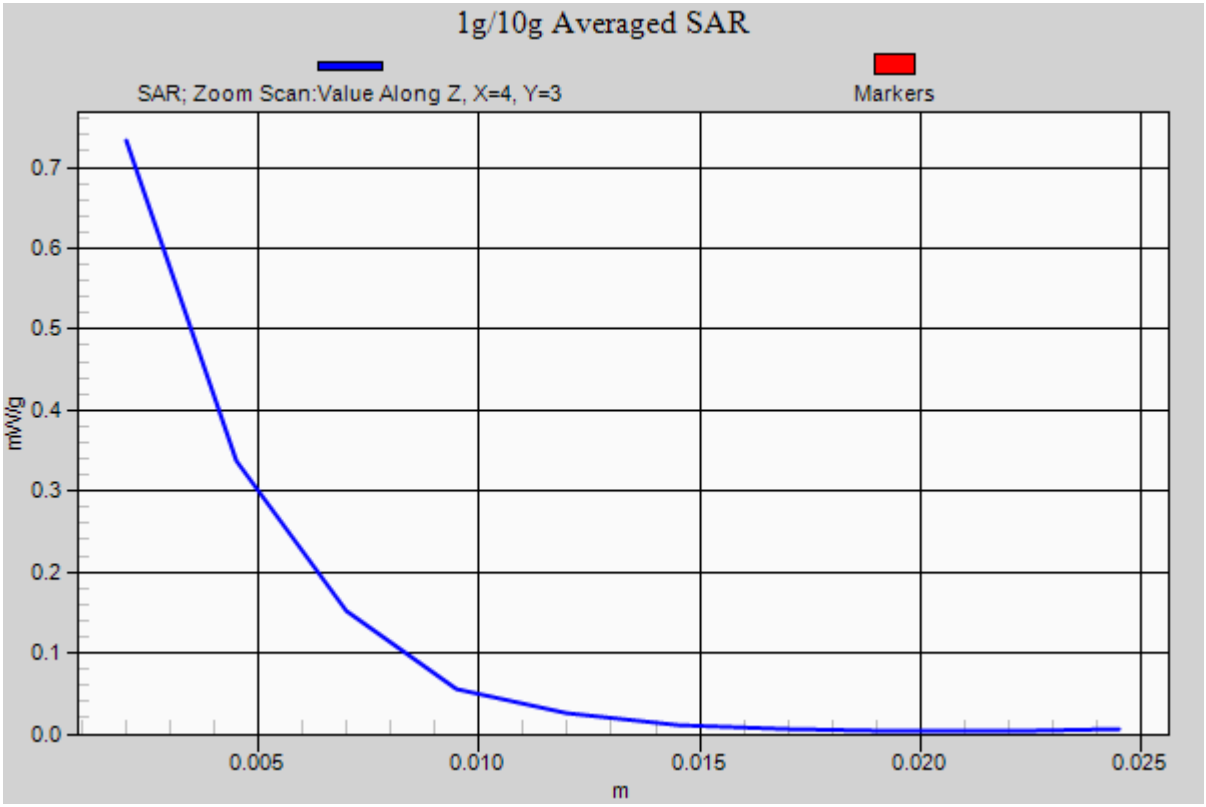
Communication System: 802.11n; Frequency: 5580 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111127 Medium parameters used : f = 5580 MHz; σ = 5.63 mho/m; ε_r = 46.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 °C; Liquid Temperature：21.4 °C

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.53, 3.53, 3.53); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch116/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.974 mW/g

Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.87 V/m; Power Drift = -0.107 dB
Peak SAR (extrapolated) = 2.57 W/kg
SAR(1 g) = 0.661 mW/g; SAR(10 g) = 0.196 mW/g
Maximum value of SAR (measured) = 1.39 mW/g

Ch116/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.87 V/m; Power Drift = -0.107 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.368 mW/g; SAR(10 g) = 0.126 mW/g
Maximum value of SAR (measured) = 0.733 mW/g



#60 802.11n_20M_Secondary Portrait_0cm_Ch116_Ant A+B

DUT: 1N0901

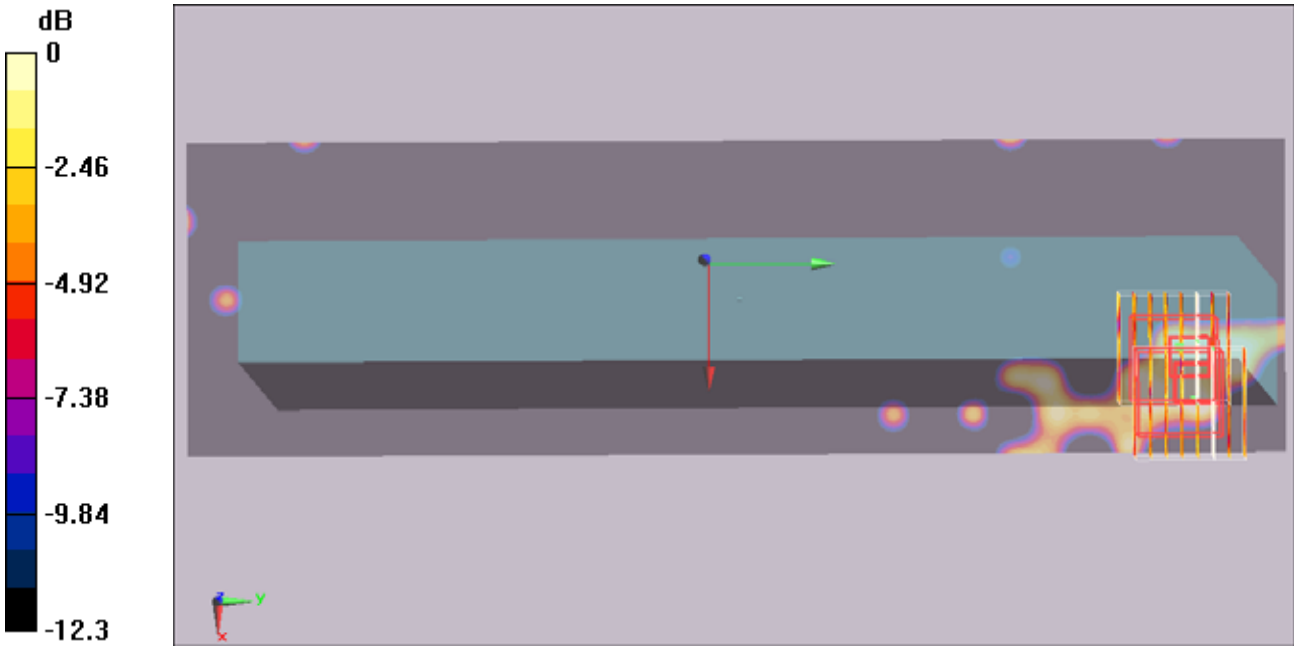
Communication System: 802.11n; Frequency: 5580 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111127 Medium parameters used: f = 5580 MHz; σ = 5.63 mho/m; ε_r = 46.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.53, 3.53, 3.53); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch116/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.038 mW/g

Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.182 dB
Peak SAR (extrapolated) = 0.066 W/kg
SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00865 mW/g
Maximum value of SAR (measured) = 0.027 mW/g

Ch116/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.182 dB
Peak SAR (extrapolated) = 0.054 W/kg
SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00877 mW/g
Maximum value of SAR (measured) = 0.021 mW/g



0 dB = 0.021mW/g

#34 802.11a_Bottom Face_0cm_Ch149_Ant A

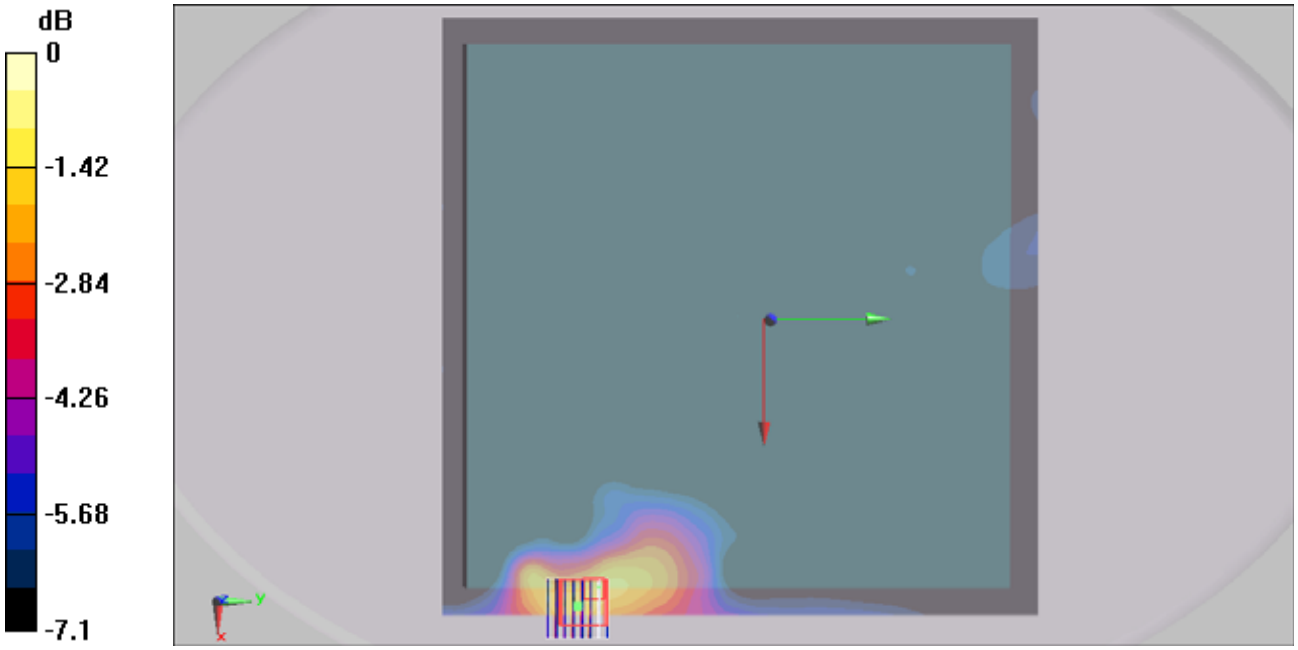
DUT: 1N0901

Communication System: 802.11a; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used: f = 5745 MHz; σ = 6.16 mho/m; ε_r = 46.6; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch149/Area Scan (281x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.190 mW/g

Ch149/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.34 V/m; Power Drift = -0.151 dB
Peak SAR (extrapolated) = 0.366 W/kg
SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.100 mW/g
Maximum value of SAR (measured) = 0.236 mW/g



0 dB = 0.236mW/g

#35 802.11a_Secondary Landscape_0cm_Ch149_Ant A

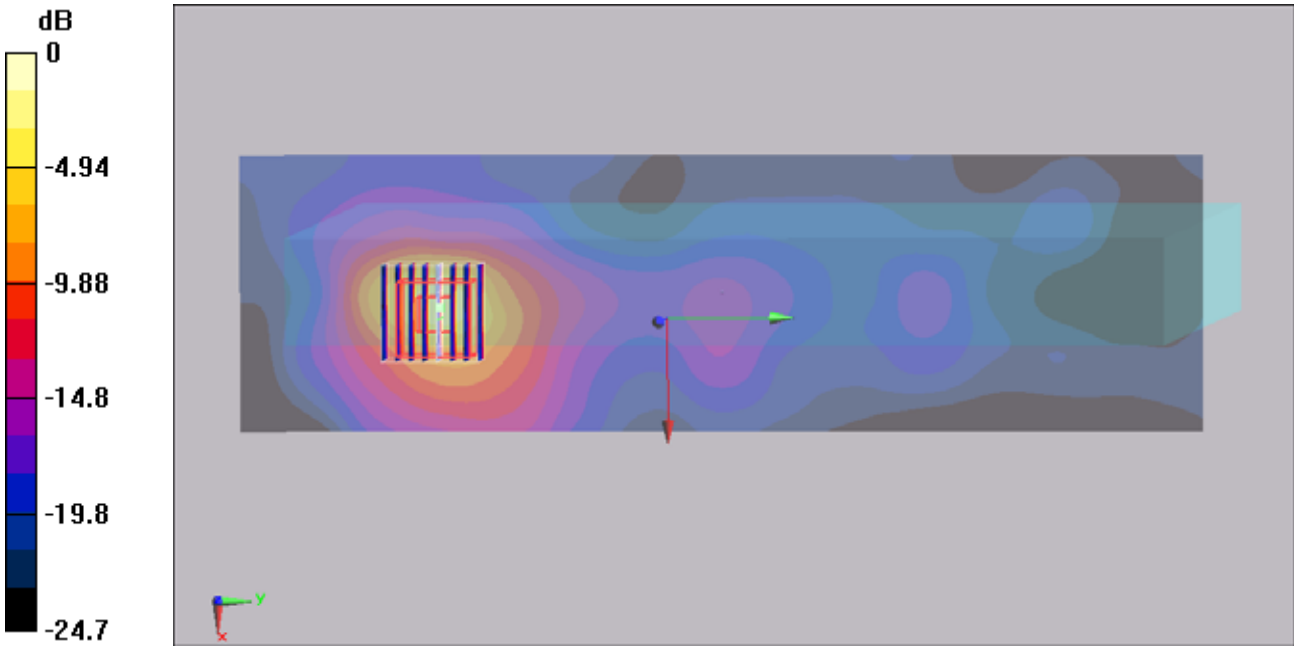
DUT: 1N0901

Communication System: 802.11a; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used: f = 5745 MHz; σ = 6.16 mho/m; ε_r = 46.6; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch149/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.1 mW/g

Ch149/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.25 V/m; Power Drift = -0.051 dB
Peak SAR (extrapolated) = 3.41 W/kg
SAR(1 g) = 0.831 mW/g; SAR(10 g) = 0.255 mW/g
Maximum value of SAR (measured) = 1.67 mW/g



0 dB = 1.67mW/g

#35 802.11a_Secondary Landscape_0cm_Ch149_Ant A_2D

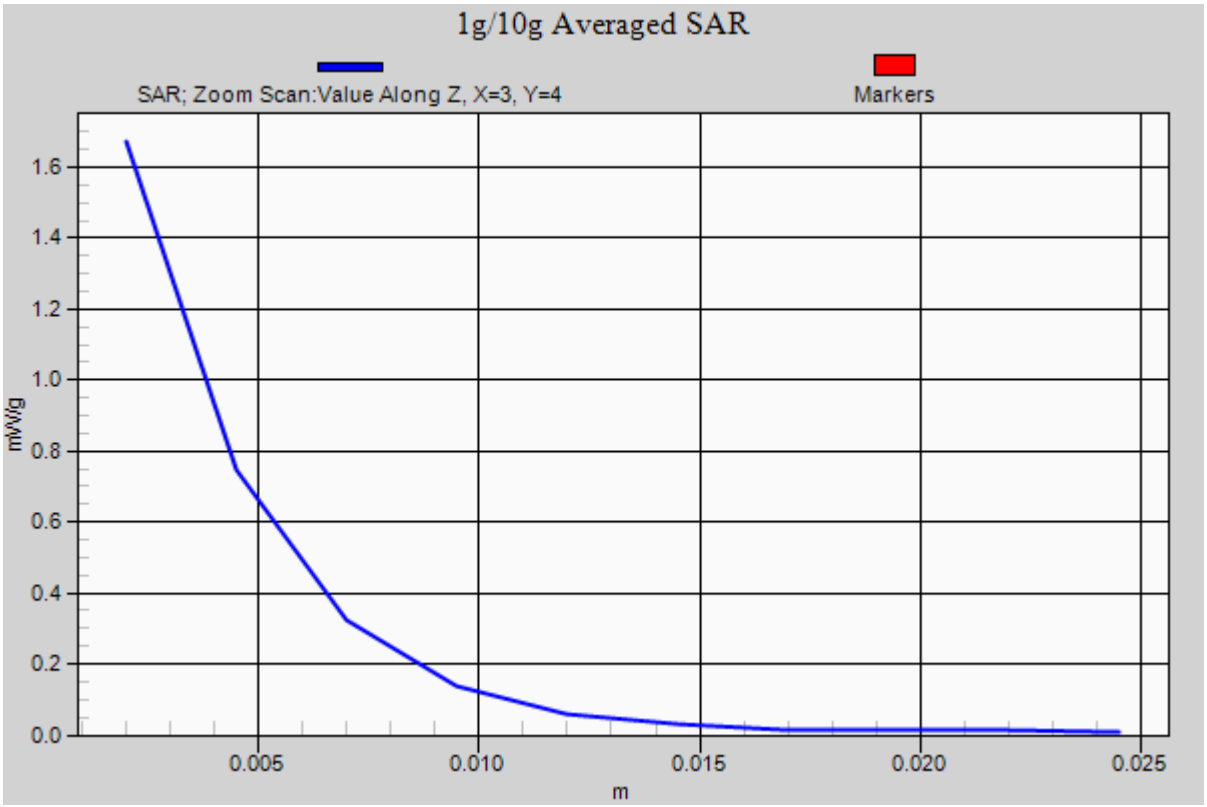
DUT: 1N0901

Communication System: 802.11a; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used: f = 5745 MHz; σ = 6.16 mho/m; ε_r = 46.6; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃； Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch149/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.1 mW/g

Ch149/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.25 V/m; Power Drift = -0.051 dB
Peak SAR (extrapolated) = 3.41 W/kg
SAR(1 g) = 0.831 mW/g; SAR(10 g) = 0.255 mW/g
Maximum value of SAR (measured) = 1.67 mW/g



#36 802.11a_Secondary Portrait_0cm_Ch149_Ant A

DUT: 1N0901

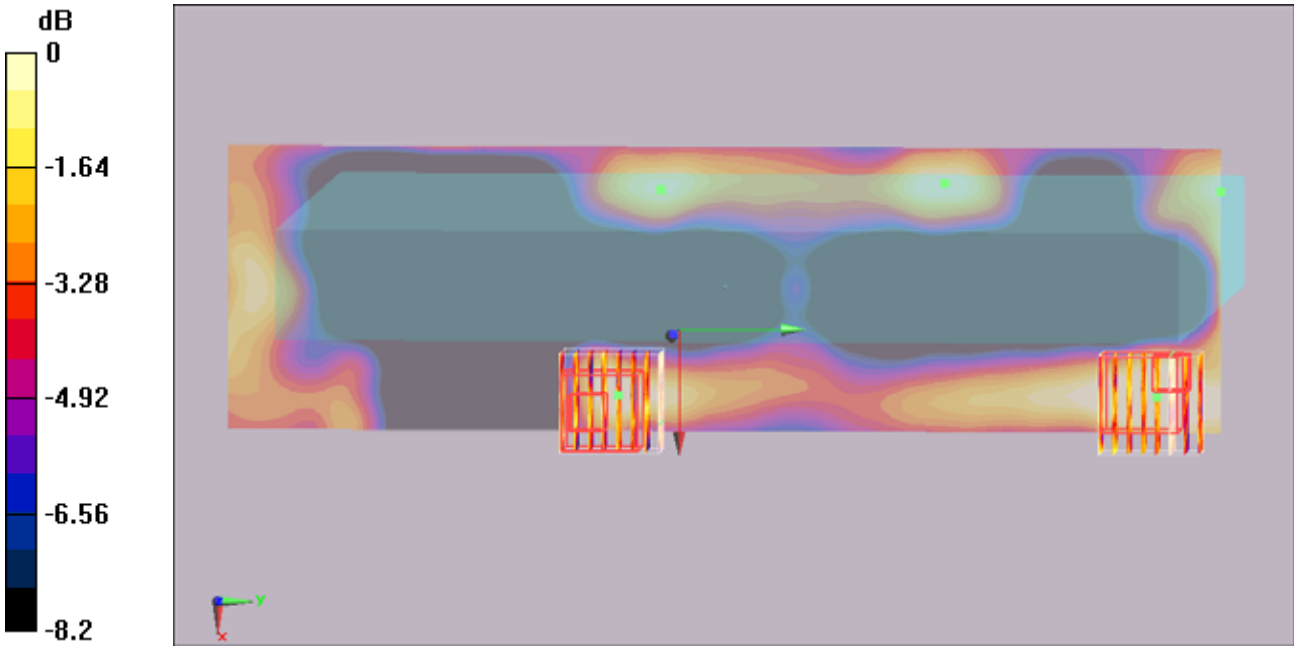
Communication System: 802.11a; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used: f = 5745 MHz; σ = 6.16 mho/m; ε_r = 46.6; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch149/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.050 mW/g

Ch149/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.653 V/m; Power Drift = -0.159 dB
Peak SAR (extrapolated) = 0.038 W/kg
SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.019 mW/g
Maximum value of SAR (measured) = 0.038 mW/g

Ch149/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.653 V/m; Power Drift = -0.159 dB
Peak SAR (extrapolated) = 0.043 W/kg
SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.020 mW/g
Maximum value of SAR (measured) = 0.036 mW/g



0 dB = 0.036mW/g

#37 802.11a_Secondary Landscape_0cm_Ch157_Ant A

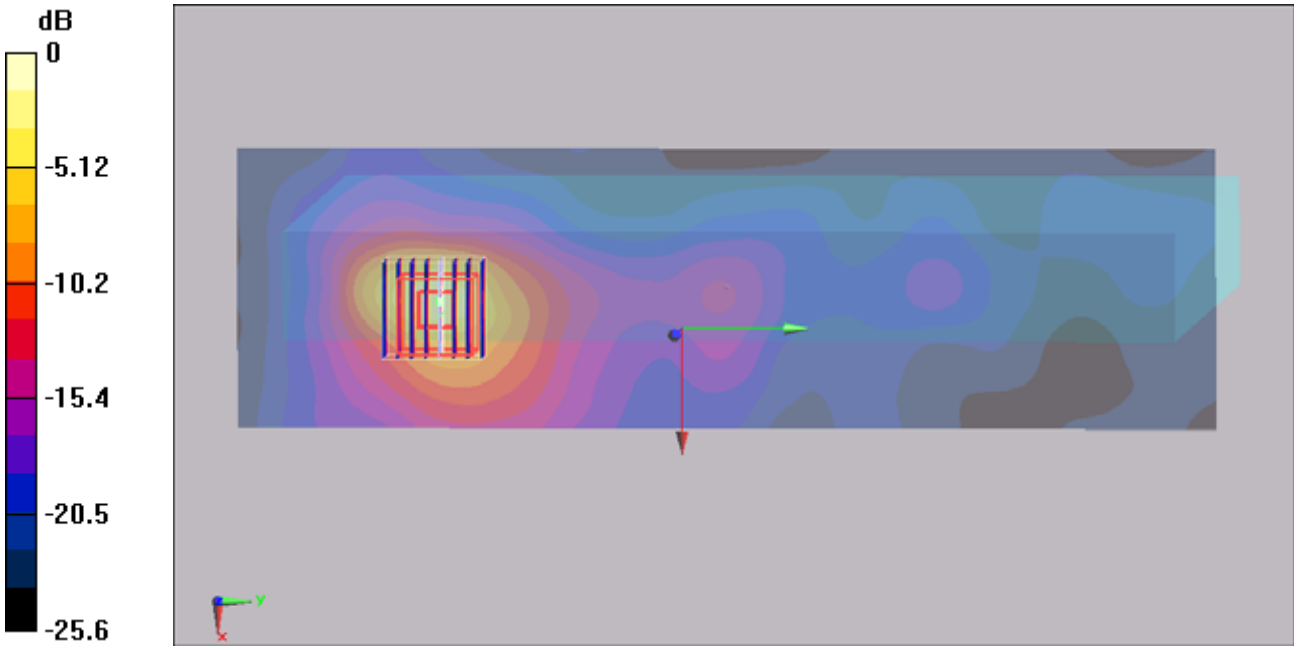
DUT: 1N0901

Communication System: 802.11a; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used: f = 5785 MHz; σ = 6.2 mho/m; ε_r = 46.5; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch157/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.06 mW/g

Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.29 V/m; Power Drift = -0.161 dB
Peak SAR (extrapolated) = 3.32 W/kg
SAR(1 g) = 0.809 mW/g; SAR(10 g) = 0.246 mW/g
Maximum value of SAR (measured) = 1.62 mW/g



0 dB = 1.62mW/g

#38 802.11a_Secondary Landscape_0cm_Ch161_Ant A

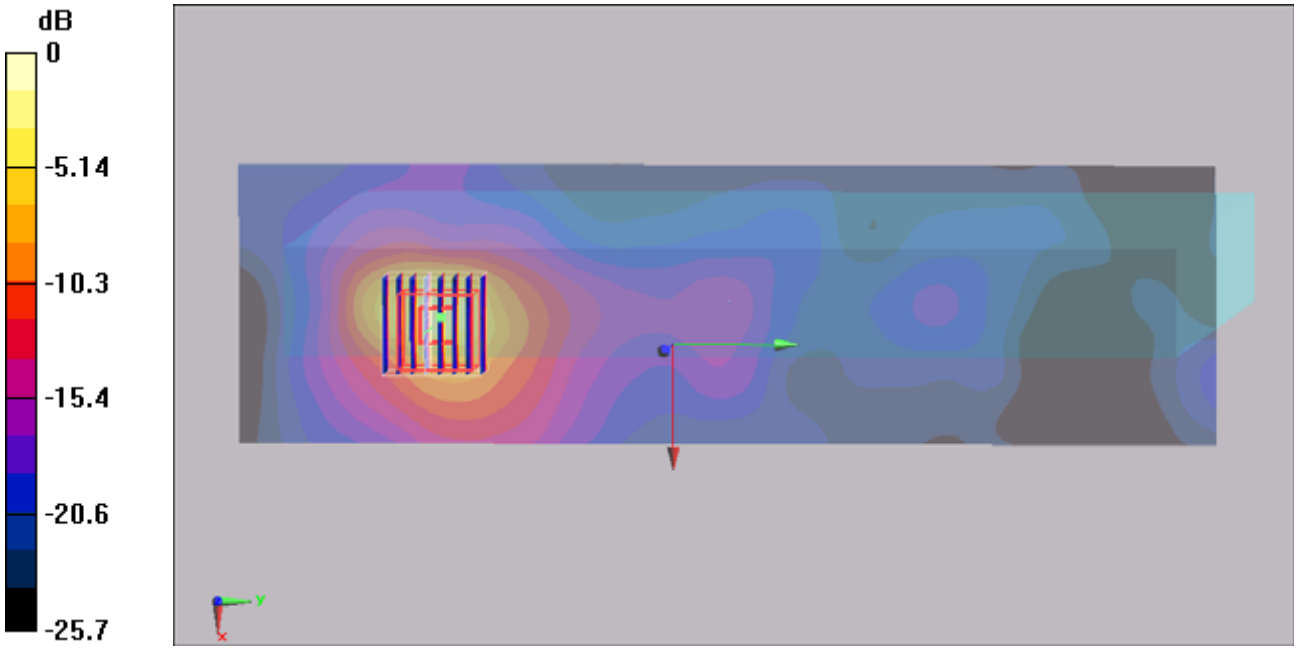
DUT: 1N0901

Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used: f = 5805 MHz; σ = 6.23 mho/m; ε_r = 46.4; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch161/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.02 mW/g

Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.95 V/m; Power Drift = -0.166 dB
Peak SAR (extrapolated) = 3.33 W/kg
SAR(1 g) = 0.801 mW/g; SAR(10 g) = 0.244 mW/g
Maximum value of SAR (measured) = 1.62 mW/g



0 dB = 1.62mW/g

#39 802.11a_Secondary Landscape_0cm_Ch165_Ant A

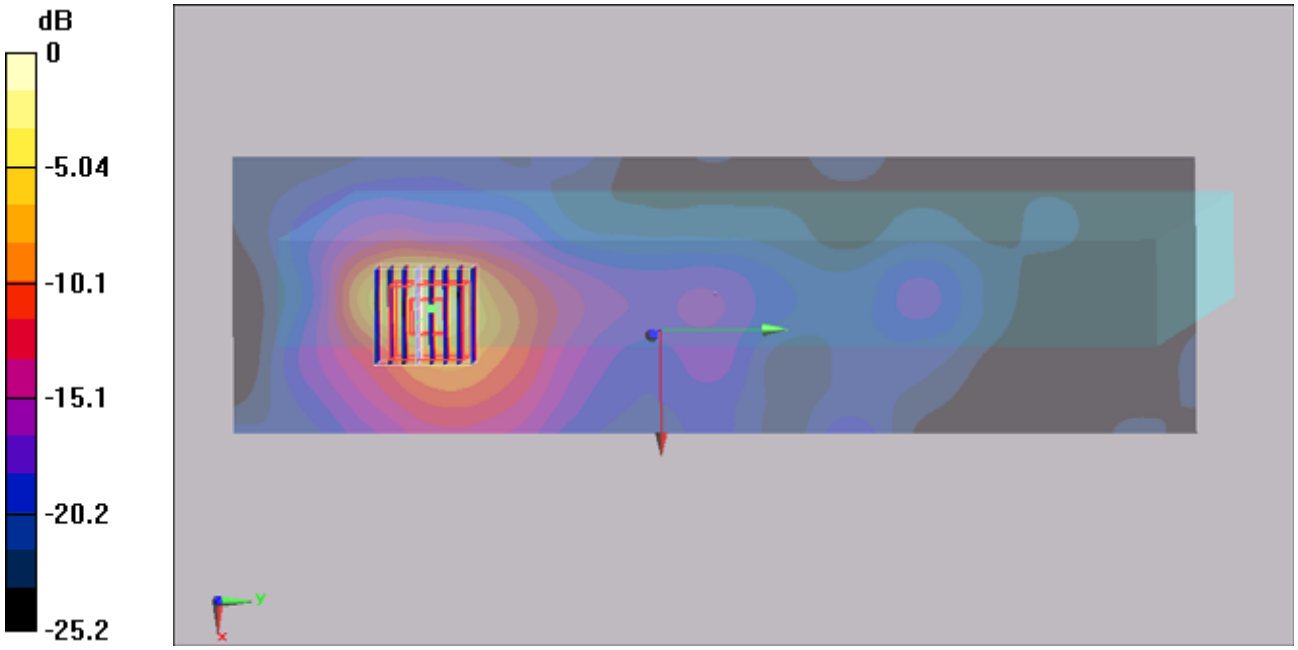
DUT: 1N0901

Communication System: 802.11a; Frequency: 5825 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used: f = 5825 MHz; σ = 6.29 mho/m; ε_r = 46.4; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch165/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.03 mW/g

Ch165/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.94 V/m; Power Drift = -0.153 dB
Peak SAR (extrapolated) = 3.44 W/kg
SAR(1 g) = 0.818 mW/g; SAR(10 g) = 0.246 mW/g
Maximum value of SAR (measured) = 1.7 mW/g



0 dB = 1.7mW/g

#50 802.11a_Bottom Face_0cm_Ch149_Ant B

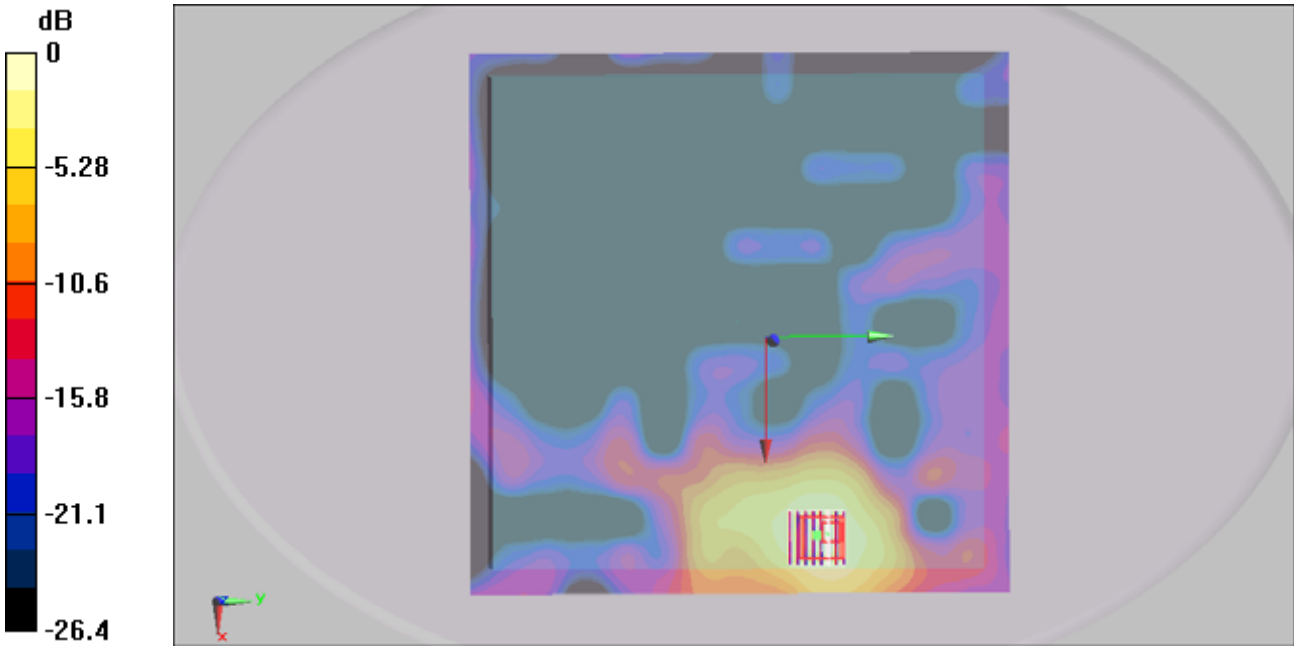
DUT: 1N0901

Communication System: 802.11a; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used : f = 5745 MHz; σ = 6.16 mho/m; ε_r = 46.6; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch149/Area Scan (281x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.381 mW/g

Ch149/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.887 W/kg
SAR(1 g) = 0.284 mW/g; SAR(10 g) = 0.118 mW/g
Maximum value of SAR (measured) = 0.516 mW/g



0 dB = 0.516mW/g

#51 802.11a_Secondary Landscape_0cm_Ch149_Ant B

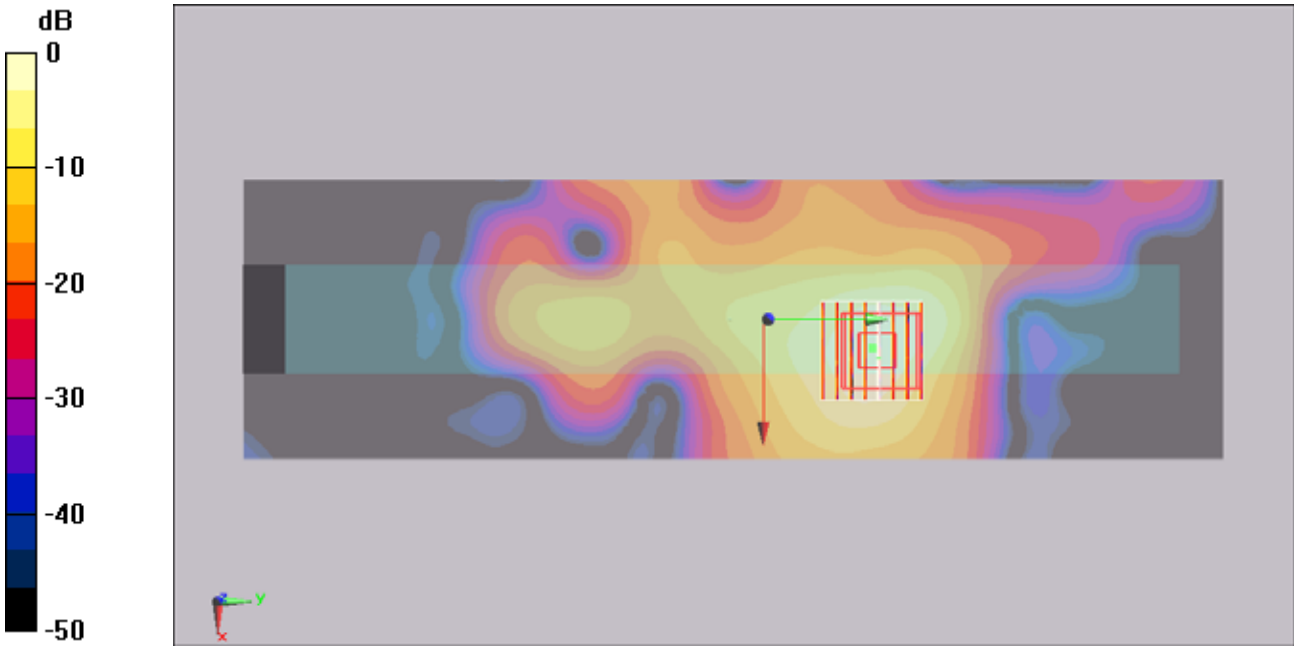
DUT: 1N0901

Communication System: 802.11a; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used: f = 5745 MHz; σ = 6.16 mho/m; ε_r = 46.6; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch149/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.764 mW/g

Ch149/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.07 V/m; Power Drift = -0.166 dB
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 0.426 mW/g; SAR(10 g) = 0.147 mW/g
Maximum value of SAR (measured) = 0.832 mW/g



0 dB = 0.832mW/g

#51 802.11a_Secondary Landscape_0cm_Ch149_Ant B_2D

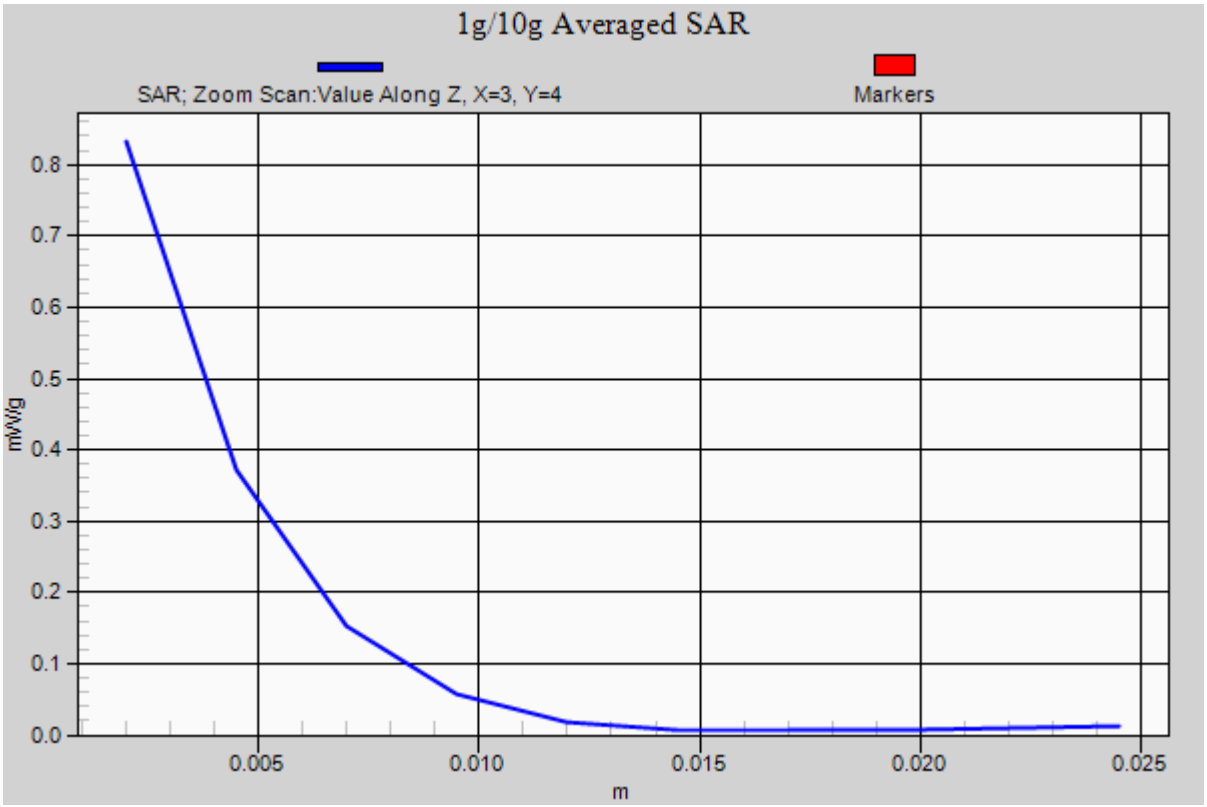
DUT: 1N0901

Communication System: 802.11a; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111126 Medium parameters used: f = 5745 MHz; σ = 6.16 mho/m; ε_r = 46.6; ρ = 1000 kg/m^3
Ambient Temperature：22.2 °C; Liquid Temperature：21.2 °C

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch149/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.764 mW/g

Ch149/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.07 V/m; Power Drift = -0.166 dB
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 0.426 mW/g; SAR(10 g) = 0.147 mW/g
Maximum value of SAR (measured) = 0.832 mW/g



#61 802.11n_20M_Bottom Face_0cm_Ch149_Ant A+B

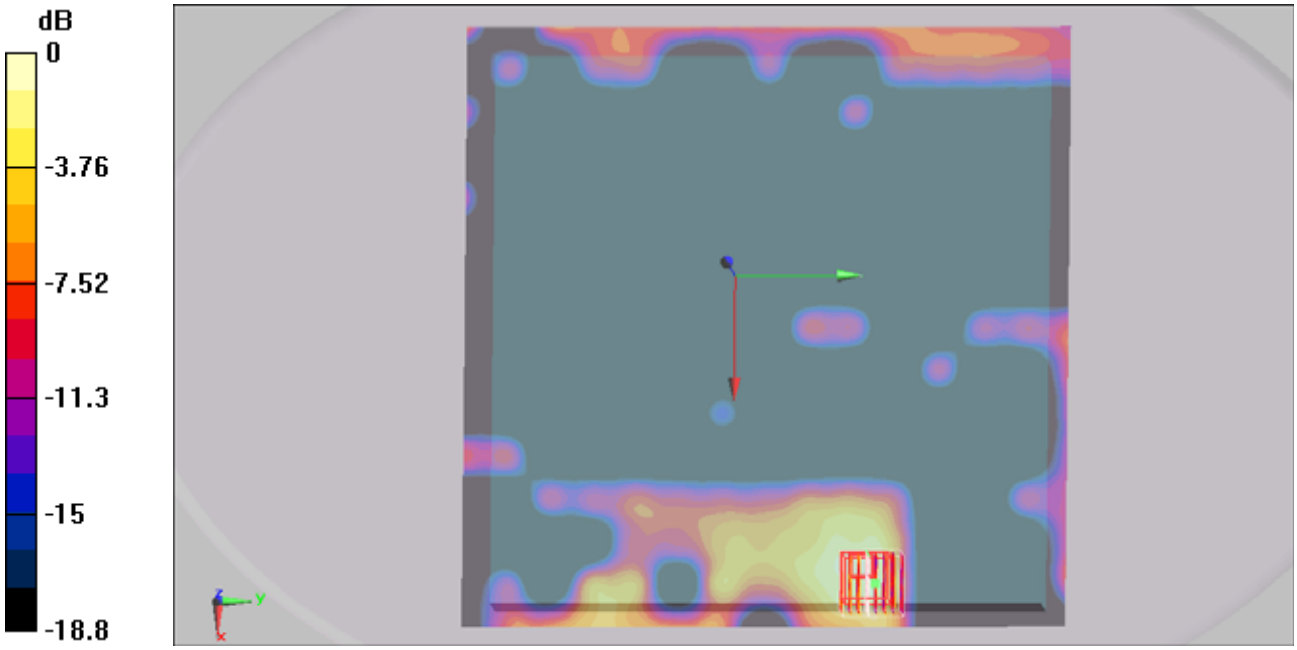
DUT: 1N0901

Communication System: 802.11n; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111127 Medium parameters used: f = 5745 MHz; σ = 5.94 mho/m; ε_r = 46.7; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch149/Area Scan (281x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.065 mW/g

Ch149/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.975 V/m; Power Drift = -0.102 dB
Peak SAR (extrapolated) = 0.270 W/kg
SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.014 mW/g
Maximum value of SAR (measured) = 0.077 mW/g



0 dB = 0.077mW/g

#62 802.11n_20M_Secondary Landscape_0cm_Ch149_Ant A+B

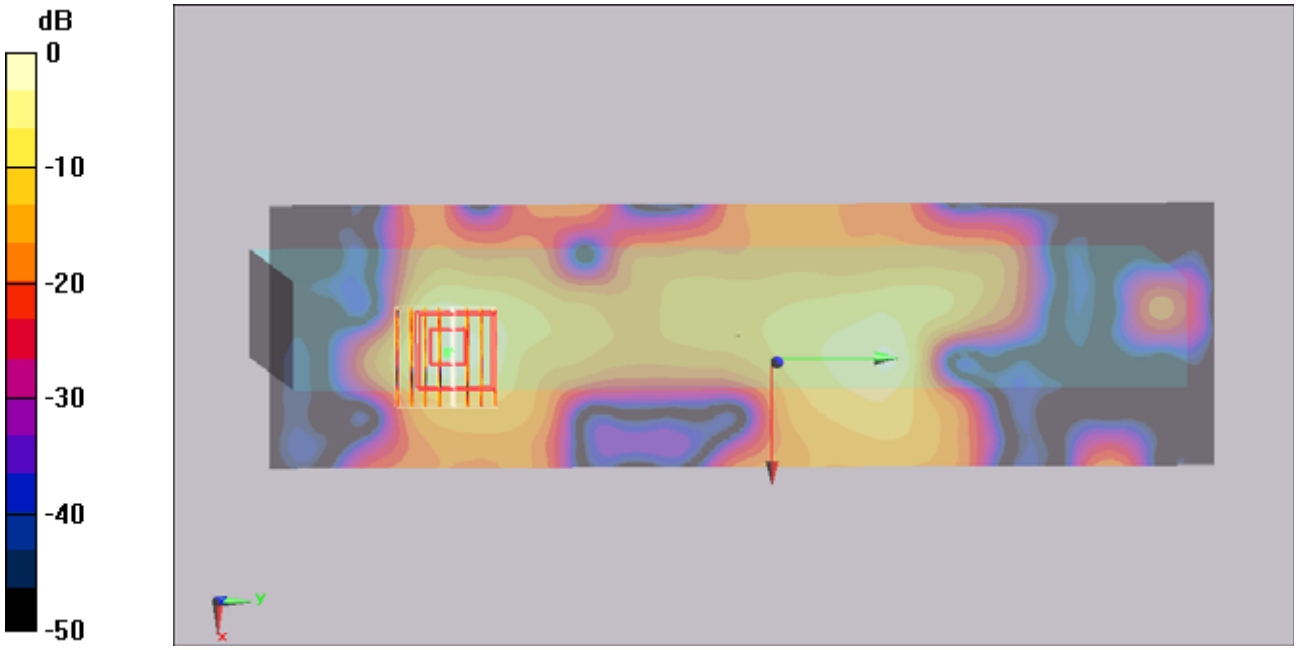
DUT: 1N0901

Communication System: 802.11n; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111127 Medium parameters used : f = 5745 MHz; σ = 5.94 mho/m; ε_r = 46.7; ρ = 1000 kg/m^3
Ambient Temperature：22.4 °C; Liquid Temperature：21.4 °C

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch149/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.269 mW/g

Ch149/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.41 V/m; Power Drift = -0.128 dB
Peak SAR (extrapolated) = 0.531 W/kg
SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.040 mW/g
Maximum value of SAR (measured) = 0.297 mW/g



0 dB = 0.297mW/g

#62 802.11n_20M_Secondary Landscape_0cm_Ch149_Ant A+B_2D

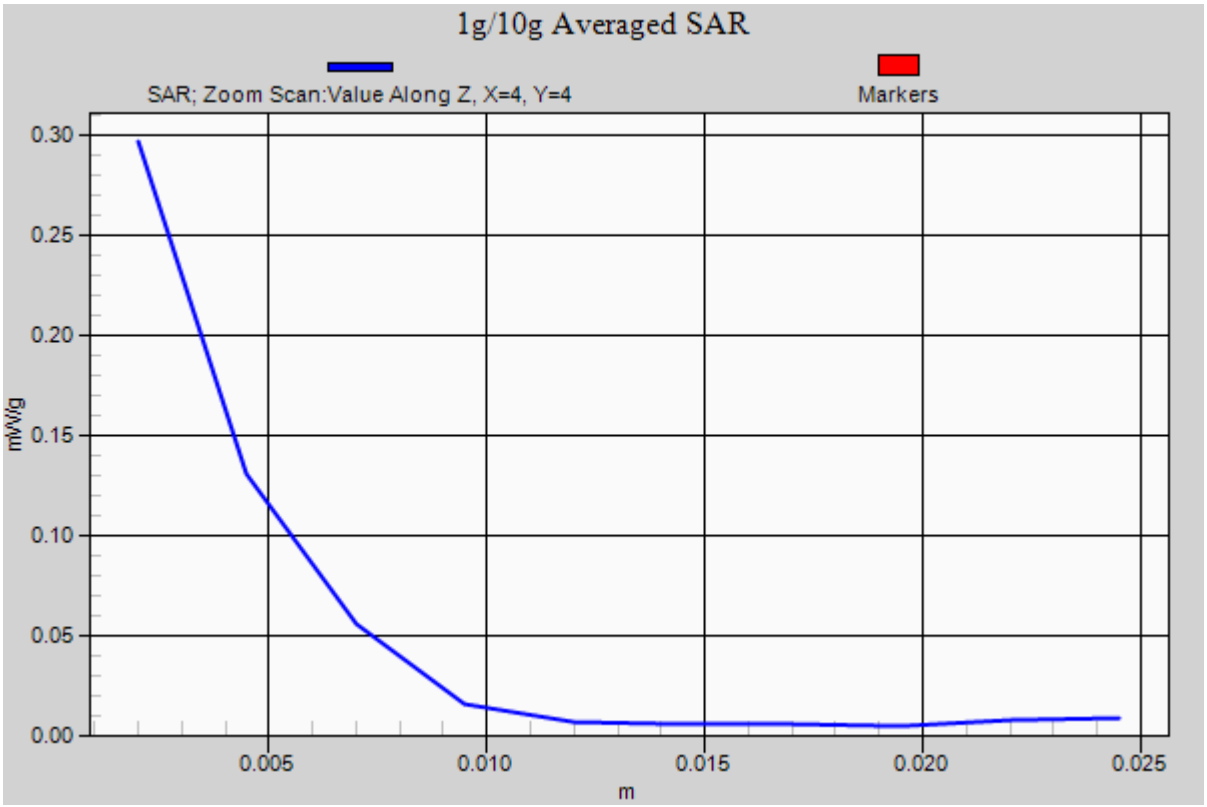
DUT: 1N0901

Communication System: 802.11n; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111127 Medium parameters used : f = 5745 MHz; σ = 5.94 mho/m; ε_r = 46.7; ρ = 1000 kg/m^3
Ambient Temperature：22.4 °C; Liquid Temperature：21.4 °C

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch149/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.269 mW/g

Ch149/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.41 V/m; Power Drift = -0.128 dB
Peak SAR (extrapolated) = 0.531 W/kg
SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.040 mW/g
Maximum value of SAR (measured) = 0.297 mW/g



#63 802.11n_20M_Secondary Portrait_0cm_Ch149_Ant A+B

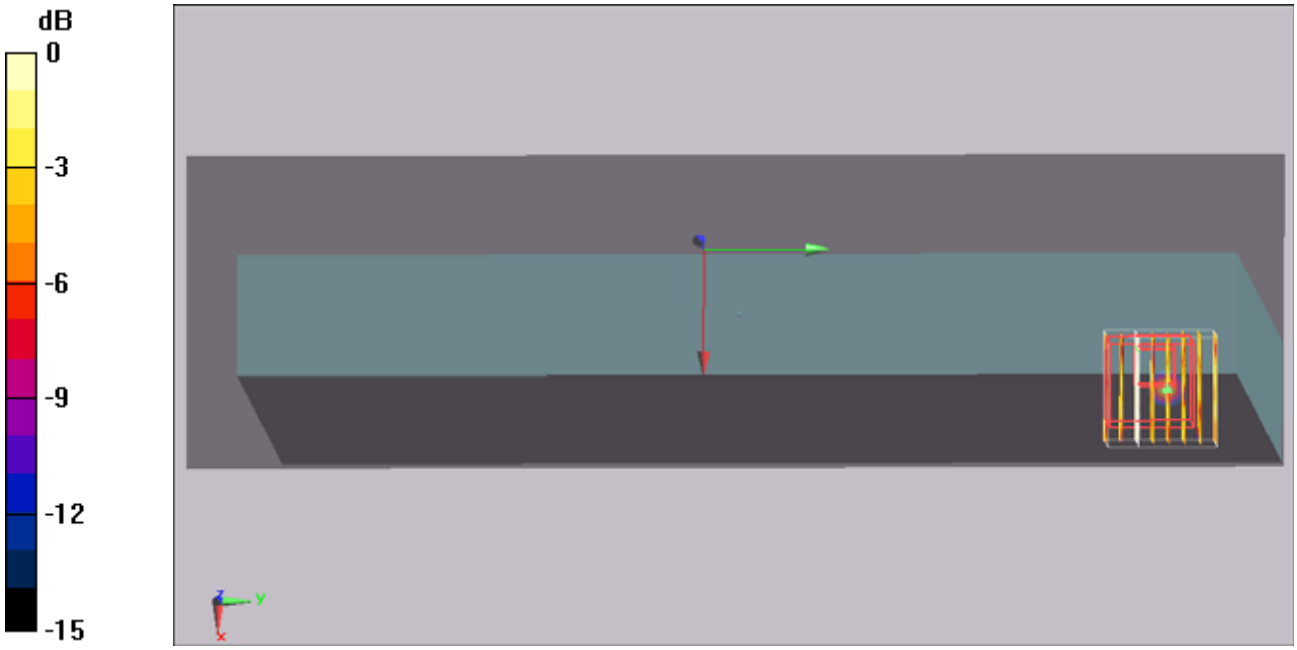
DUT: 1N0901

Communication System: 802.11n; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: MSL_5G_111127 Medium parameters used: f = 5745 MHz; σ = 5.94 mho/m; ε_r = 46.7; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

Ch149/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.011 mW/g

Ch149/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.266 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.042 W/kg
SAR(1 g) = 0.00976 mW/g; SAR(10 g) = 0.00773 mW/g
Maximum value of SAR (measured) = 0.020 mW/g



0 dB = 0.020mW/g