Appendix B. Plots of SAR Measurement

The plots are shown as follows.

#01 GSM850_GSM_Right Cheek_Ch251

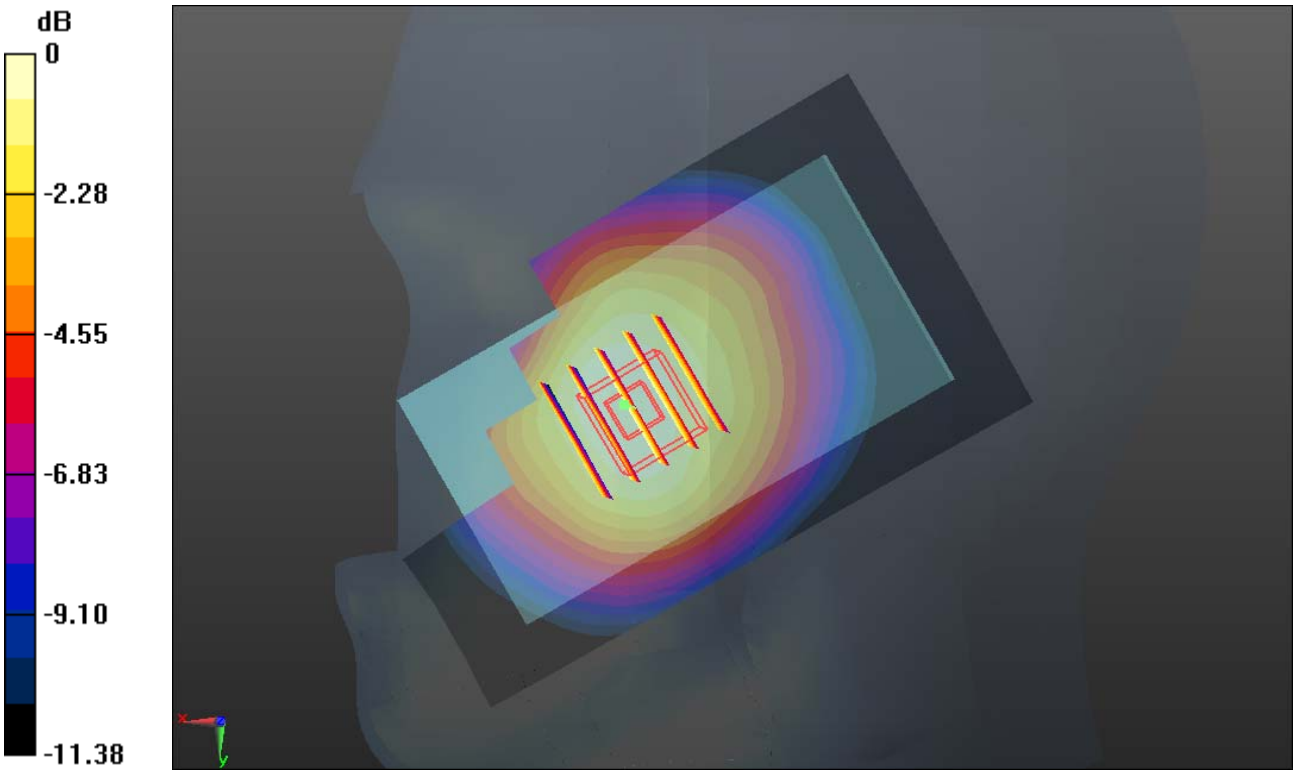
DUT: 2D2201

Communication System: General GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_121223 Medium parameters used: f = 849 MHz; σ = 0.892 mho/m; ε_r = 40.682; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.366 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.934 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.385 W/kg
SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.239 mW/g
Maximum value of SAR (measured) = 0.358 mW/g



0 dB = 0.360mW/g

#02 GSM850_GSM_Right Tilted_Ch251

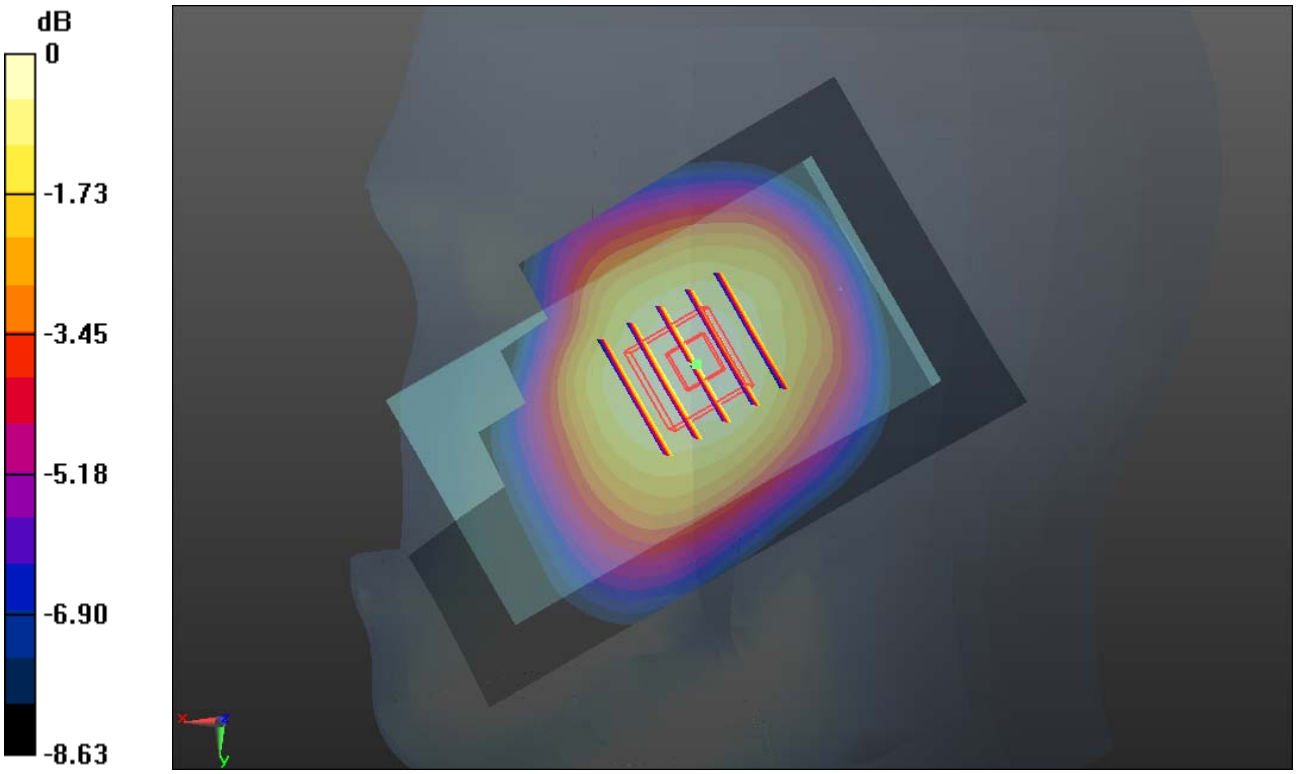
DUT: 2D2201

Communication System: General GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_121223 Medium parameters used: f = 849 MHz; σ = 0.892 mho/m; ε_r = 40.682; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.251 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.099 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.274 W/kg
SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.164 mW/g
Maximum value of SAR (measured) = 0.250 mW/g



0 dB = 0.250mW/g

#03 GSM850_GSM_Left Cheek_Ch251

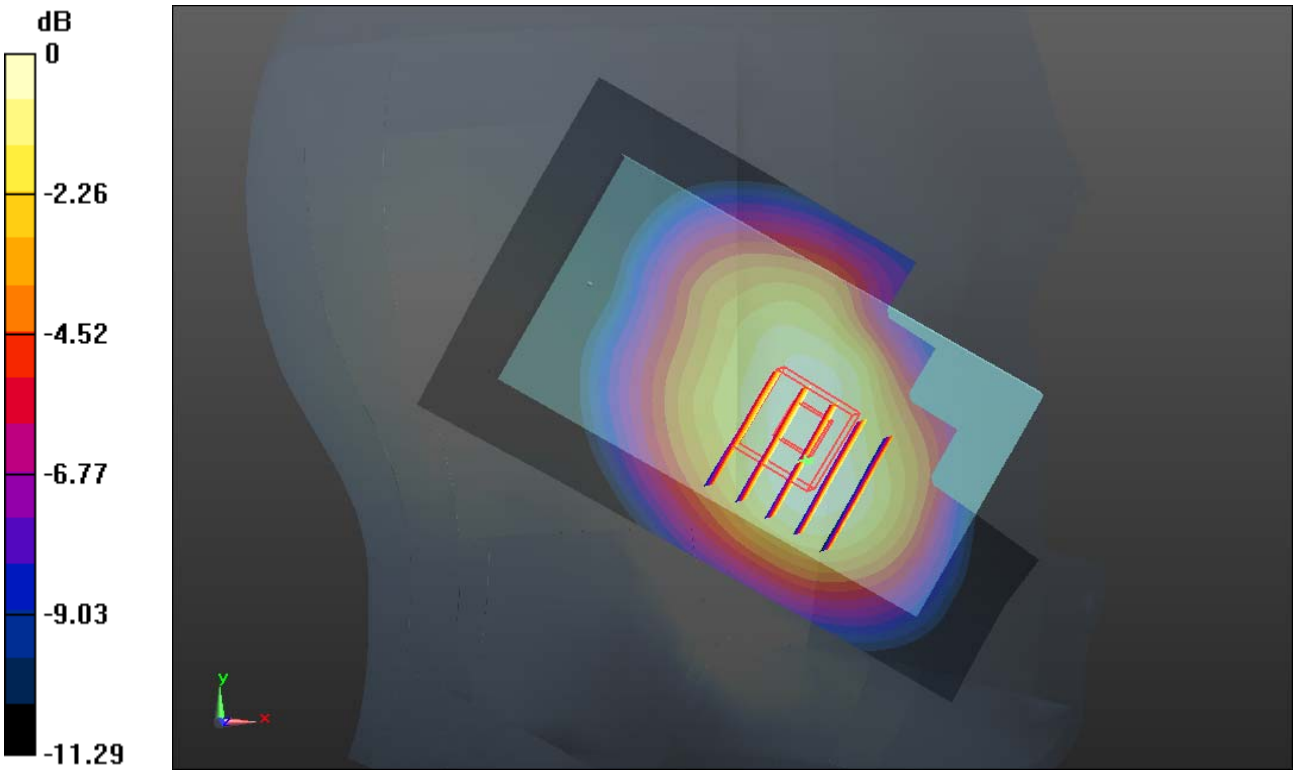
DUT: 2D2201

Communication System: General GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_121223 Medium parameters used: f = 849 MHz; σ = 0.892 mho/m; ε_r = 40.682; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.405 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.857 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.446 W/kg
SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.243 mW/g
Maximum value of SAR (measured) = 0.388 mW/g



0 dB = 0.390mW/g

#03 GSM850_GSM_Left Cheek_Ch251_2D

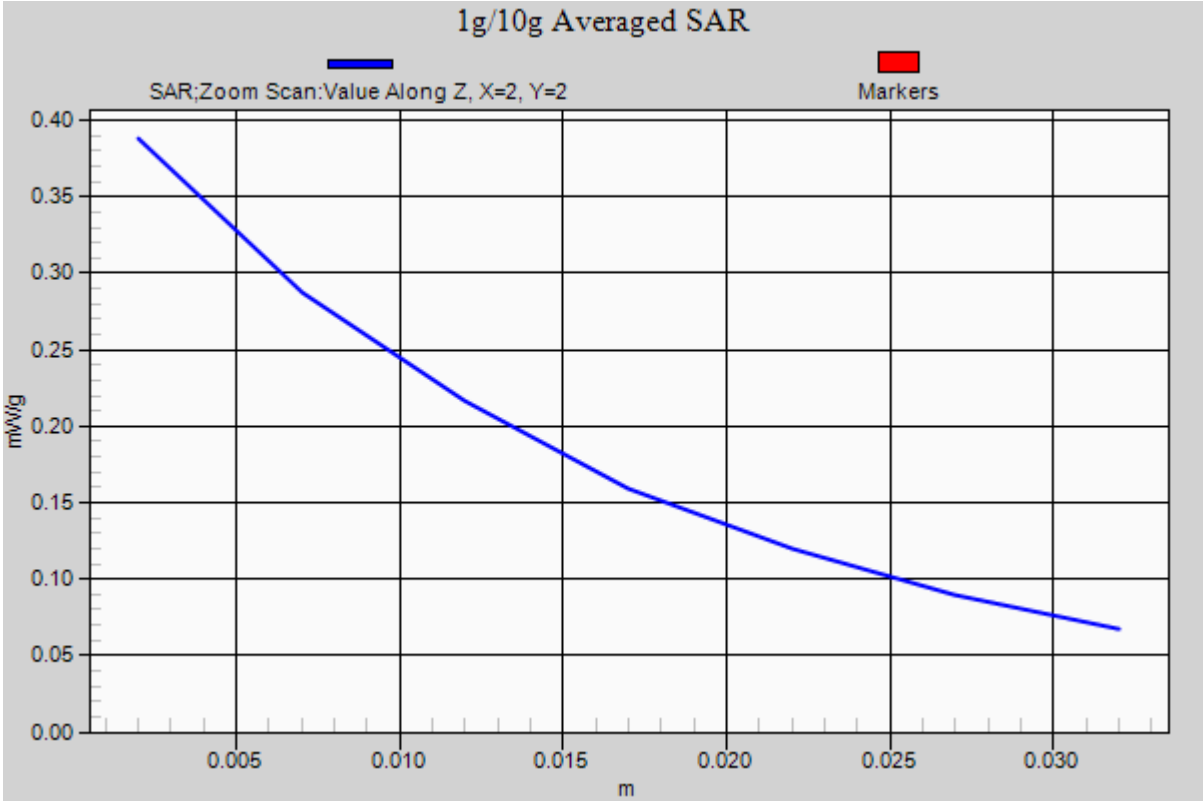
DUT: 2D2201

Communication System: General GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_121223 Medium parameters used: f = 849 MHz; σ = 0.892 mho/m; ε_r = 40.682; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.405 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.857 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.446 W/kg
SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.243 mW/g
Maximum value of SAR (measured) = 0.388 mW/g


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

#04 GSM850_GSM_Left Tilted_Ch251

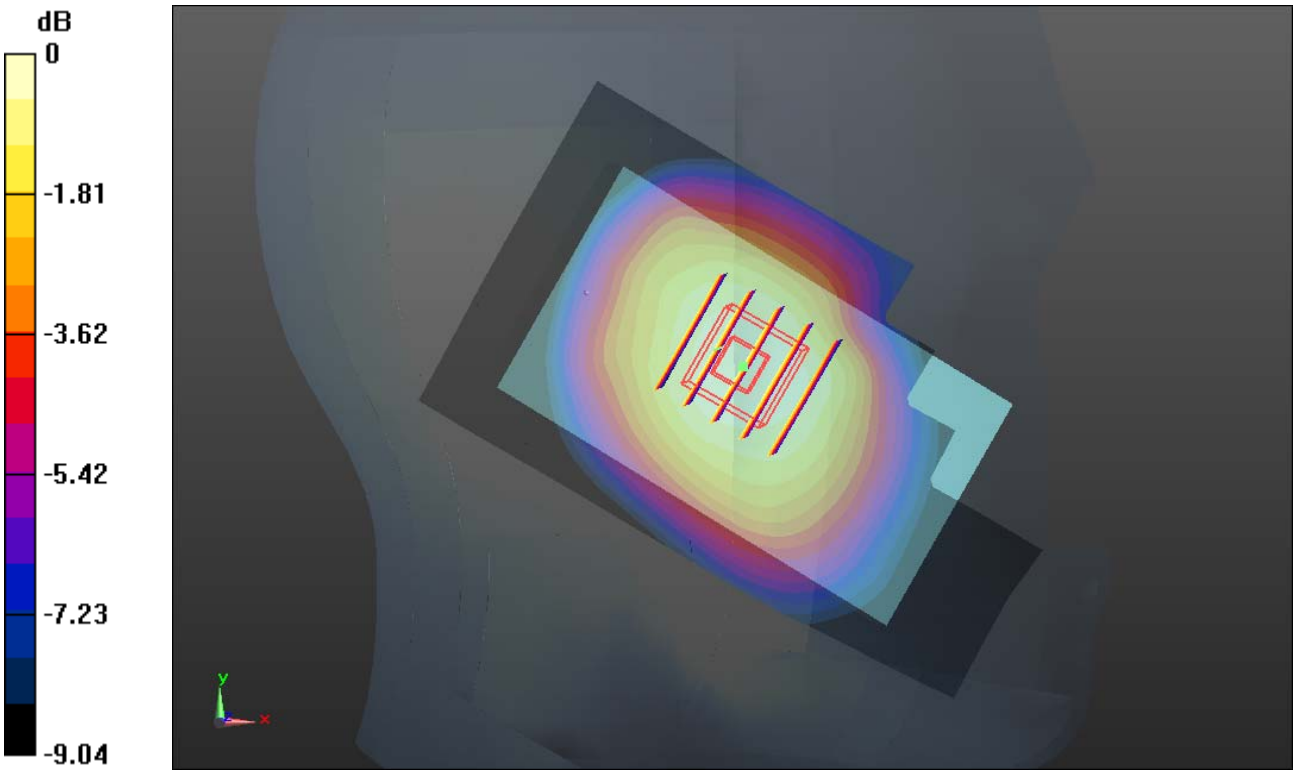
DUT: 2D2201

Communication System: General GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_121223 Medium parameters used: f = 849 MHz; σ = 0.892 mho/m; ε_r = 40.682; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.246 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.771 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.272 W/kg
SAR(1 g) = 0.218 mW/g; SAR(10 g) = 0.167 mW/g
Maximum value of SAR (measured) = 0.246 mW/g



0 dB = 0.250mW/g

#05 GSM1900_GSM_Right Cheek_Ch512

DUT: 2D2201

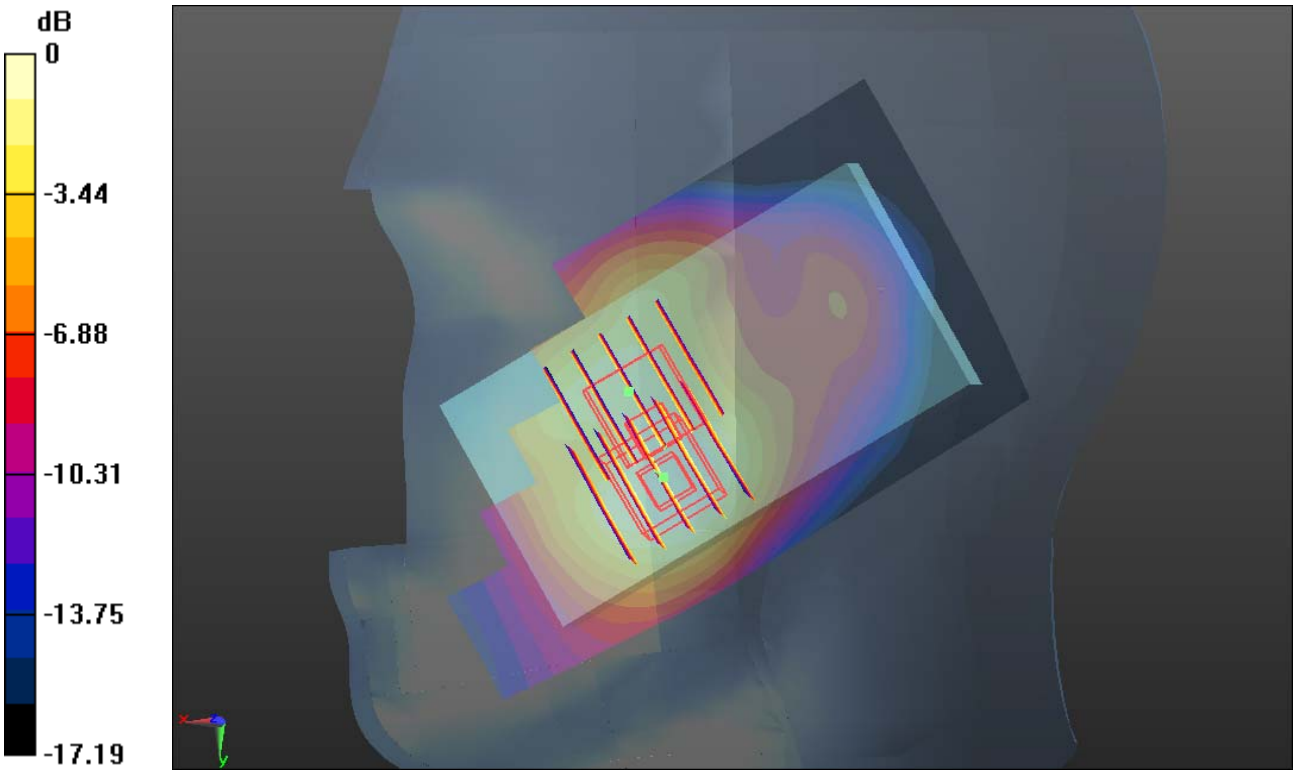
Communication System: General GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_121223 Medium parameters used: f = 1850.2 MHz; σ = 1.374 mho/m; ε_r = 39.088; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.583 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.875 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.678 W/kg
SAR(1 g) = 0.461 mW/g; SAR(10 g) = 0.275 mW/g
Maximum value of SAR (measured) = 0.572 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.875 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.562 W/kg
SAR(1 g) = 0.337 mW/g; SAR(10 g) = 0.192 mW/g
Maximum value of SAR (measured) = 0.486 mW/g



0 dB = 0.490mW/g

#06 GSM1900_GSM_Right Tilted_Ch512

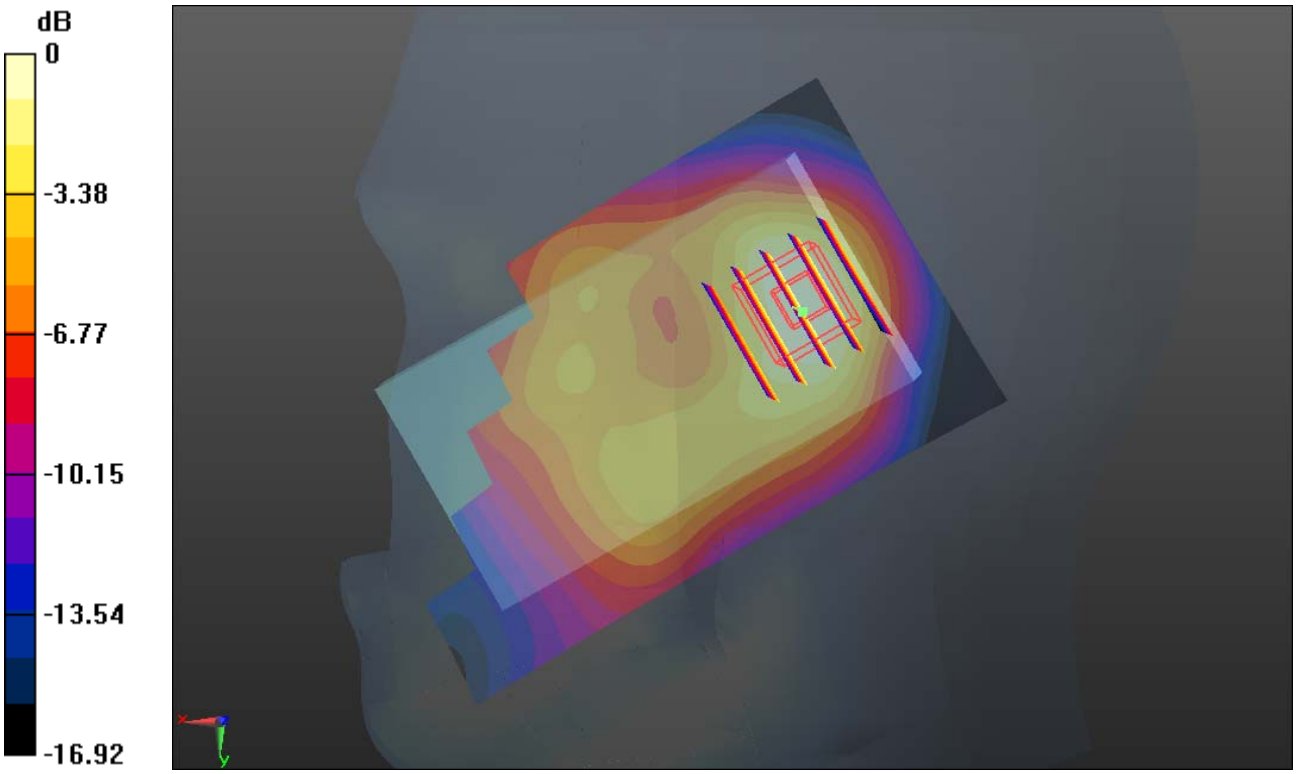
DUT: 2D2201

Communication System: General GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_121223 Medium parameters used: f = 1850.2 MHz; σ = 1.374 mho/m; ε_r = 39.088; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.251 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.954 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.293 W/kg
SAR(1 g) = 0.185 mW/g; SAR(10 g) = 0.108 mW/g
Maximum value of SAR (measured) = 0.239 mW/g



0 dB = 0.240mW/g

#07 GSM1900_GSM_Left Cheek_Ch512

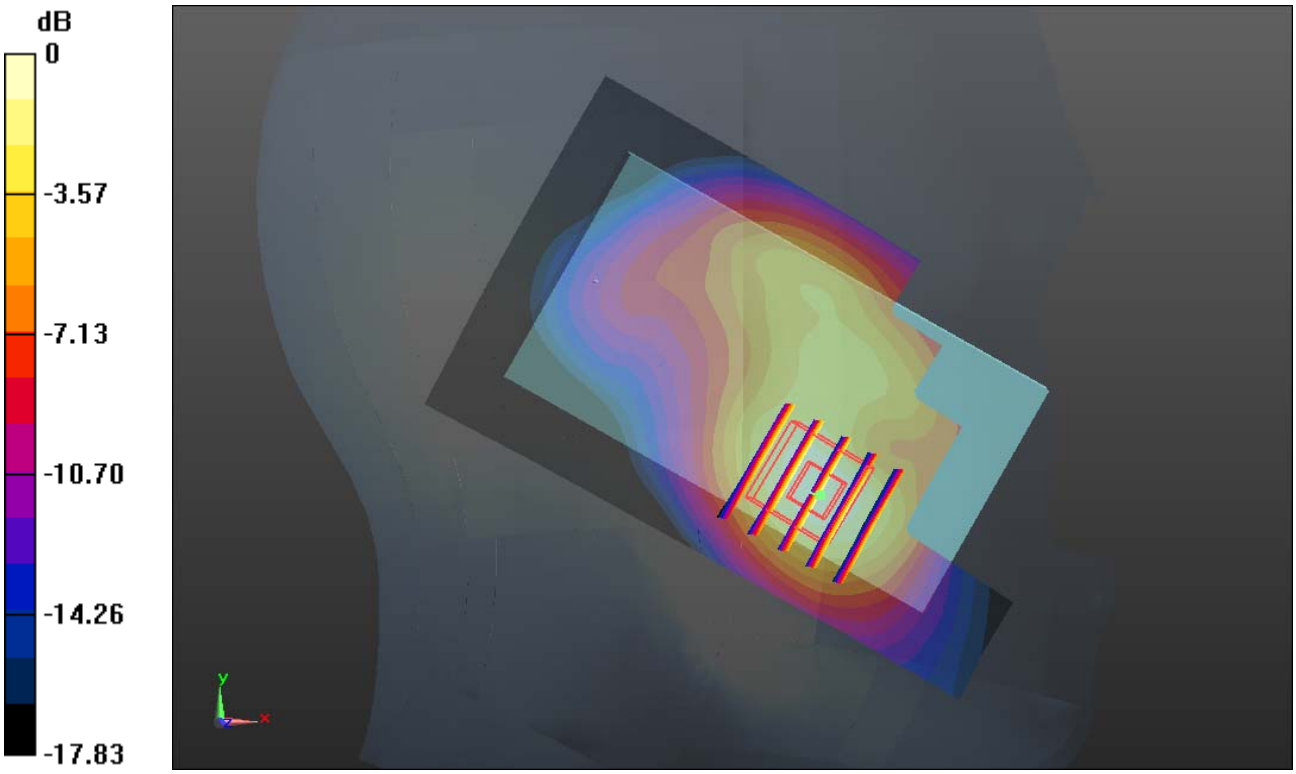
DUT: 2D2201

Communication System: General GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_121223 Medium parameters used: f = 1850.2 MHz; σ = 1.374 mho/m; ε_r = 39.088; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.641 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.486 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.810 W/kg
SAR(1 g) = 0.488 mW/g; SAR(10 g) = 0.270 mW/g
Maximum value of SAR (measured) = 0.659 mW/g



0 dB = 0.660mW/g

#07 GSM1900_GSM_Left Cheek_Ch512_2D

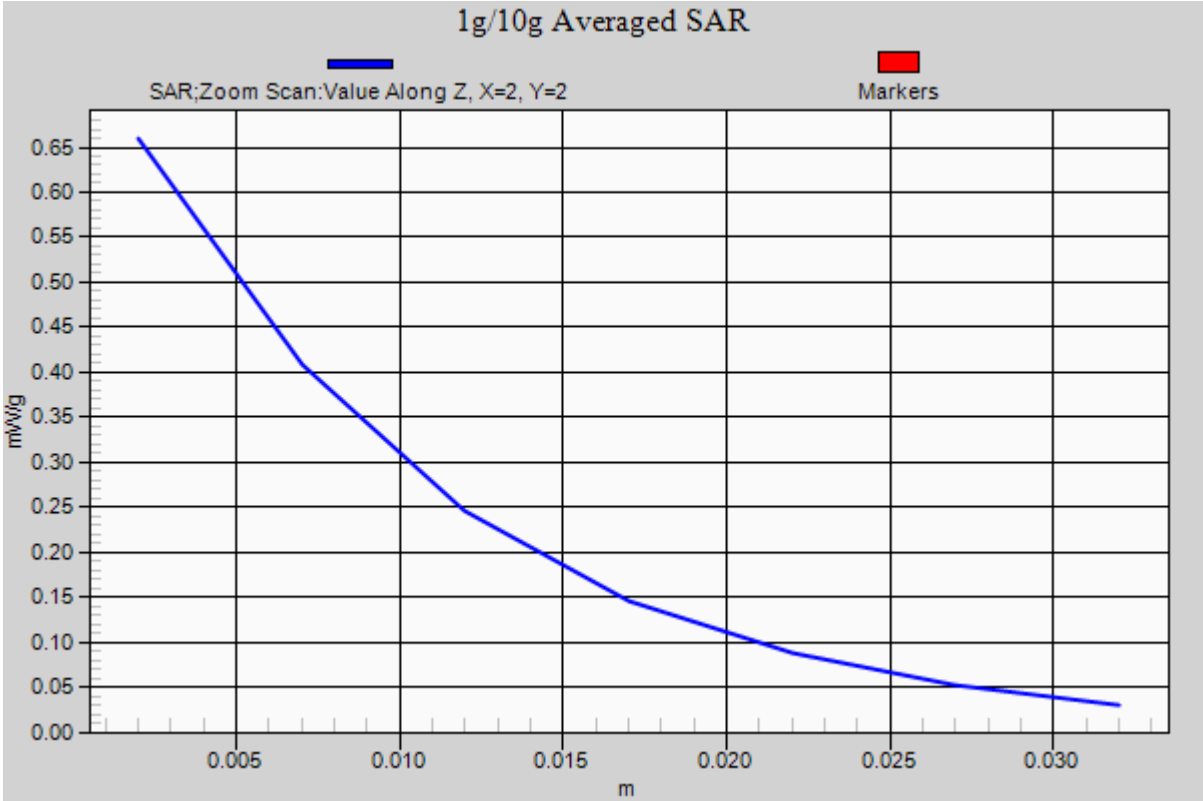
DUT: 2D2201

Communication System: General GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_121223 Medium parameters used: f = 1850.2 MHz; σ = 1.374 mho/m; ε_r = 39.088; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.641 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.486 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.810 W/kg
SAR(1 g) = 0.488 mW/g; SAR(10 g) = 0.270 mW/g
Maximum value of SAR (measured) = 0.659 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
m

#08 GSM1900_GSM_Left Tilted_Ch512

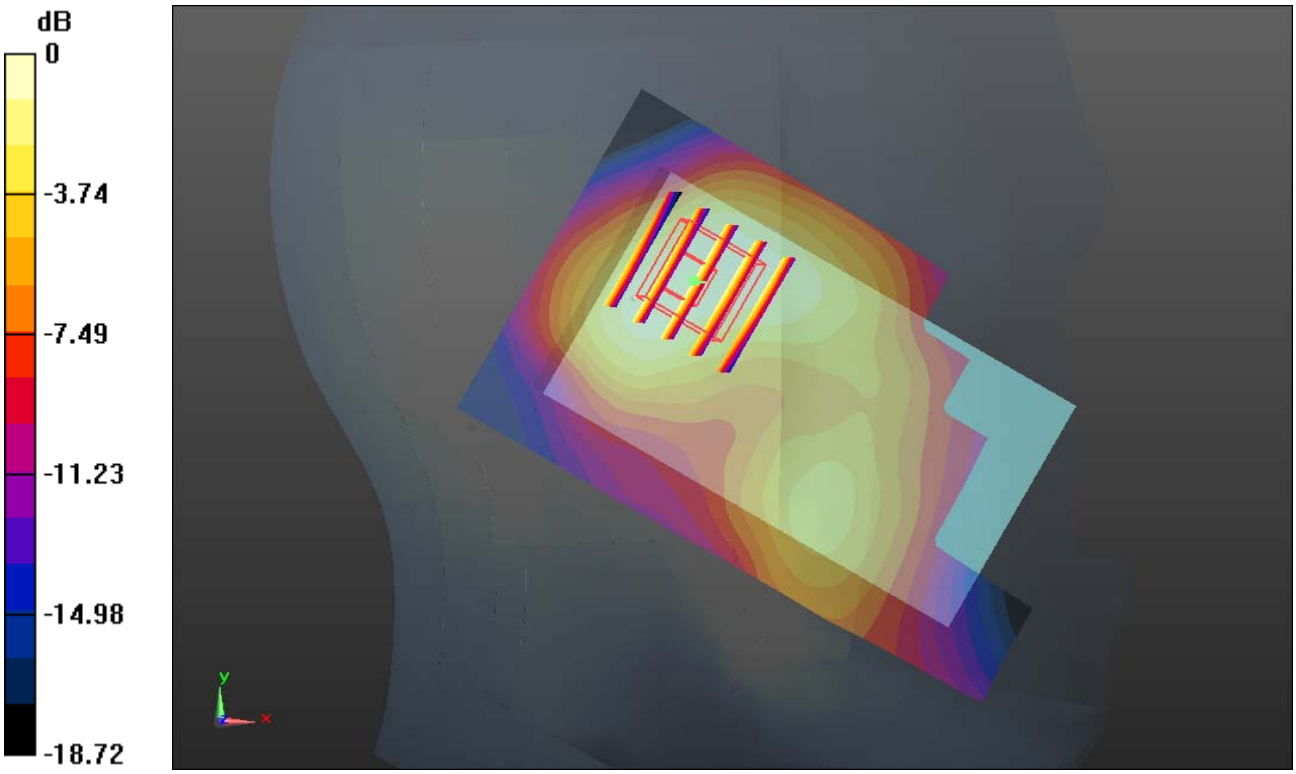
DUT: 2D2201

Communication System: General GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_121223 Medium parameters used: f = 1850.2 MHz; σ = 1.374 mho/m; ε_r = 39.088; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.204 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.415 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.278 W/kg
SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.110 mW/g
Maximum value of SAR (measured) = 0.191 mW/g



0 dB = 0.190mW/g

#09 WCDMA V_RMC12.2K_Right Check_Ch4233

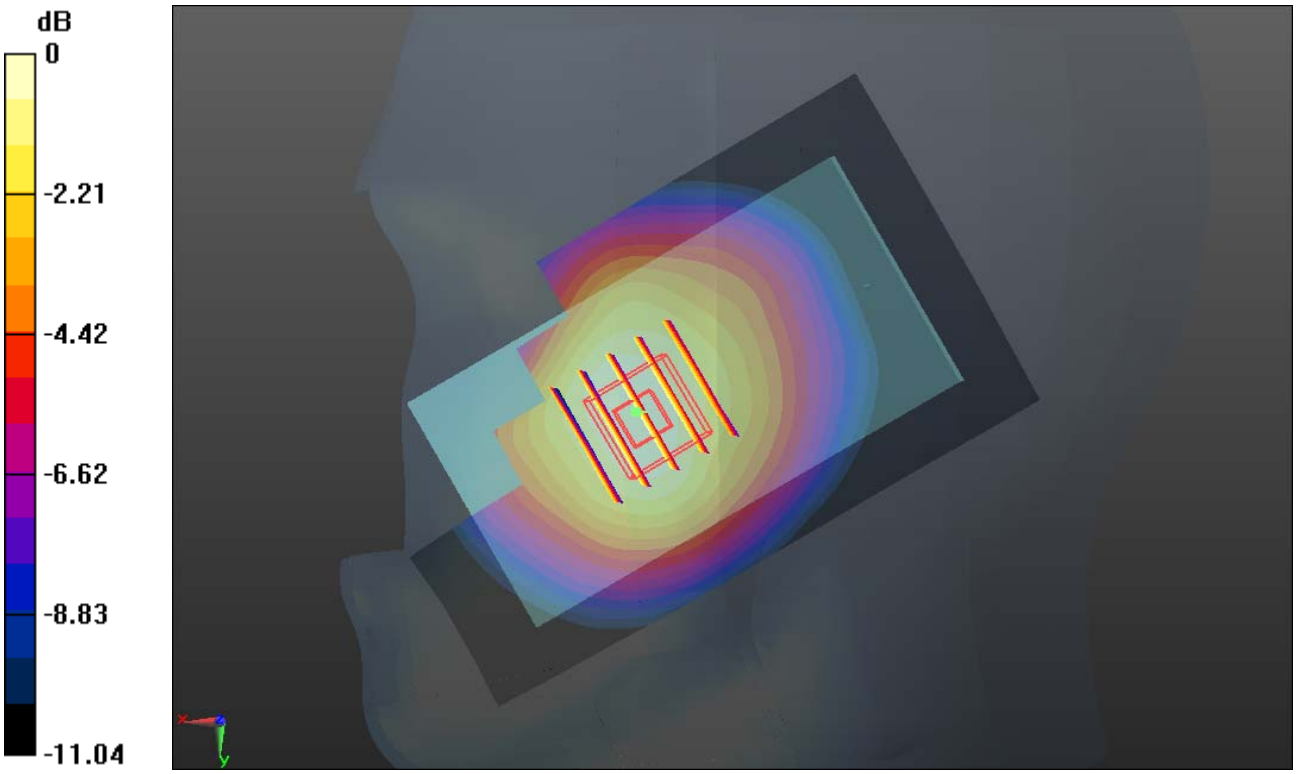
DUT: 2D2201

Communication System: UMTS; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_835_121223 Medium parameters used: f = 847 MHz; σ = 0.891 mho/m; ε_r = 40.712; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.466 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.608 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.504 W/kg
SAR(1 g) = 0.413 mW/g; SAR(10 g) = 0.309 mW/g
Maximum value of SAR (measured) = 0.467 mW/g



0 dB = 0.470mW/g

#09 WCDMA V_RMC12.2K_Right Check_Ch4233_2D

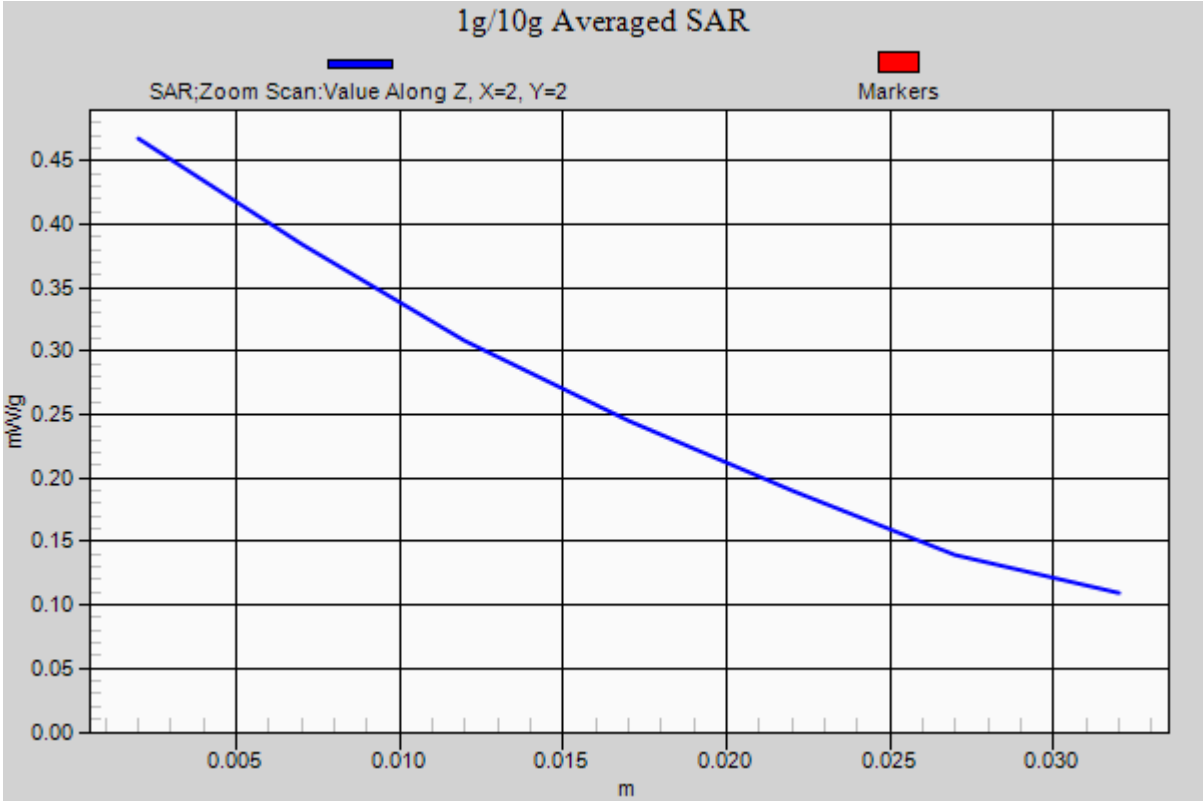
DUT: 2D2201

Communication System: UMTS; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_835_121223 Medium parameters used: f = 847 MHz; σ = 0.891 mho/m; ε_r = 40.712; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.466 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.608 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.504 W/kg
SAR(1 g) = 0.413 mW/g; SAR(10 g) = 0.309 mW/g
Maximum value of SAR (measured) = 0.467 mW/g


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

#10 WCDMA V_RMC12.2K_Right Tilted_Ch4233

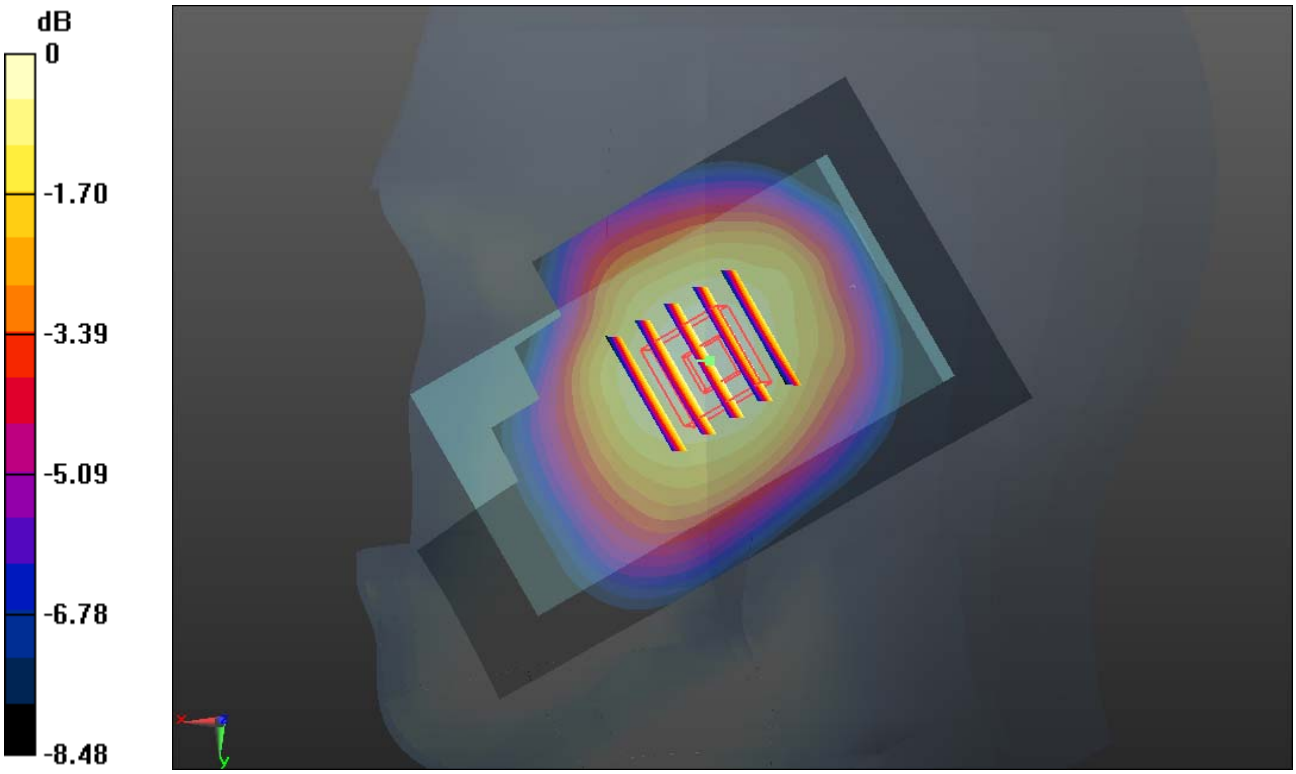
DUT: 2D2201

Communication System: UMTS; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_835_121223 Medium parameters used: f = 847 MHz; σ = 0.891 mho/m; ε_r = 40.712; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.312 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.436 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.332 W/kg
SAR(1 g) = 0.268 mW/g; SAR(10 g) = 0.206 mW/g
Maximum value of SAR (measured) = 0.307 mW/g



0 dB = 0.310mW/g

#11 WCDMA V_RMC12.2K_Left Check_Ch4233

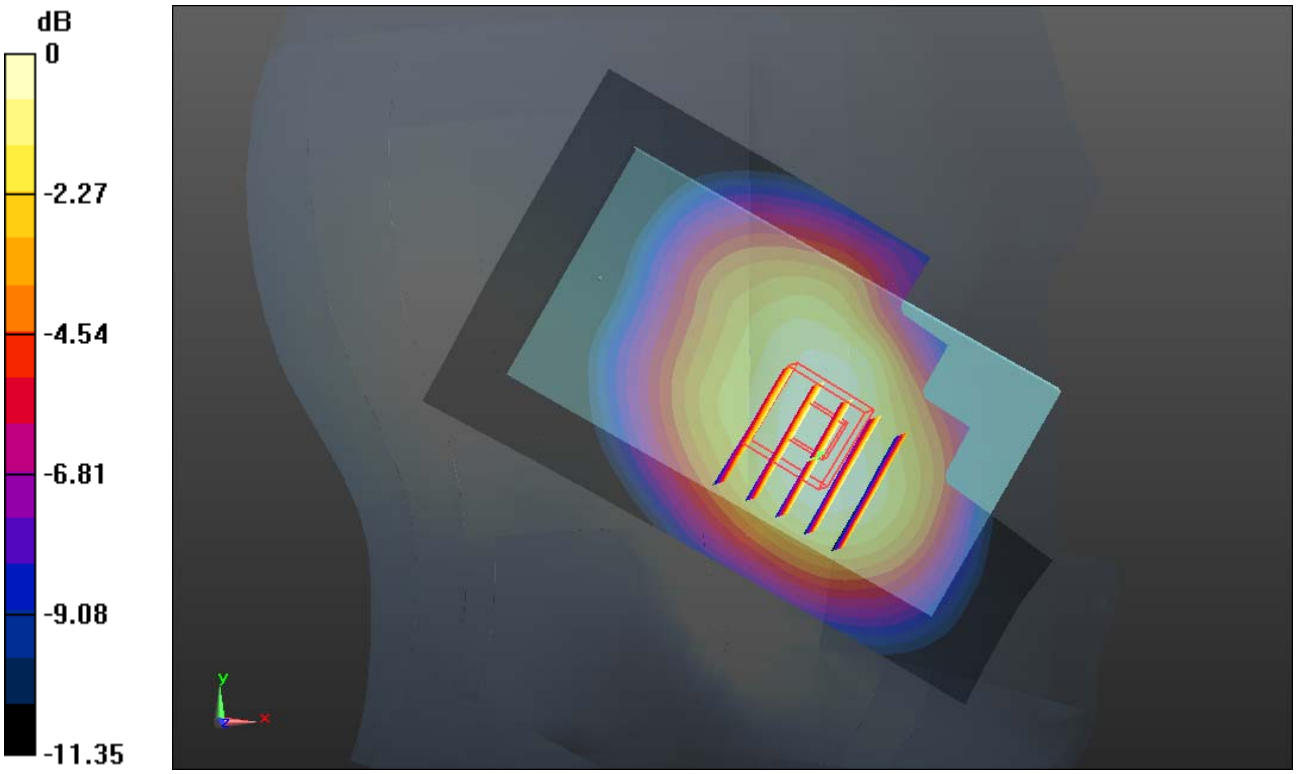
DUT: 2D2201

Communication System: UMTS; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_835_121223 Medium parameters used: f = 847 MHz; σ = 0.891 mho/m; ε_r = 40.712; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.496 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.620 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.560 W/kg
SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.303 mW/g
Maximum value of SAR (measured) = 0.485 mW/g



0 dB = 0.480mW/g

#12 WCDMA V_RMC12.2K_Left Tilted_Ch4233

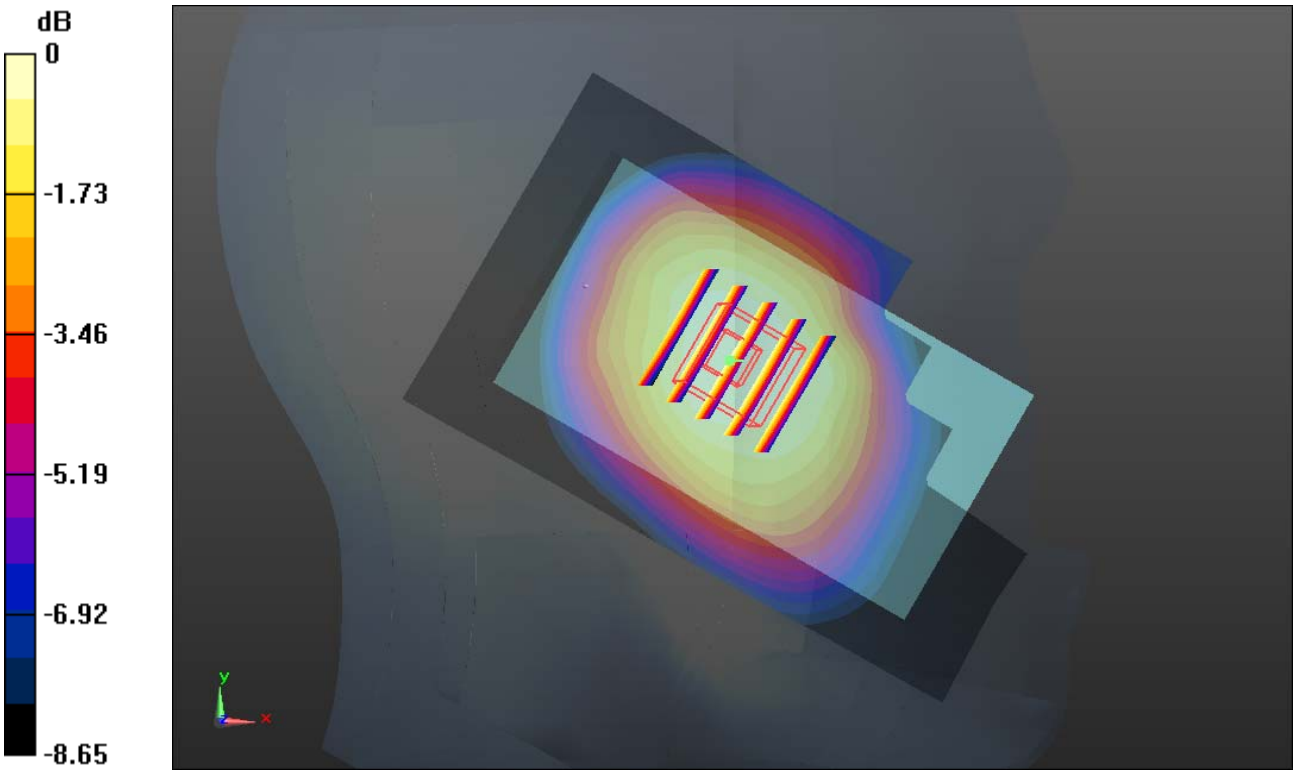
DUT: 2D2201

Communication System: UMTS; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_835_121223 Medium parameters used: f = 847 MHz; σ = 0.891 mho/m; ε_r = 40.712; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.308 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.116 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.326 W/kg
SAR(1 g) = 0.265 mW/g; SAR(10 g) = 0.202 mW/g
Maximum value of SAR (measured) = 0.302 mW/g



0 dB = 0.300mW/g

#13 WCDMA II_RMC12.2K_Right Cheek_Ch9400

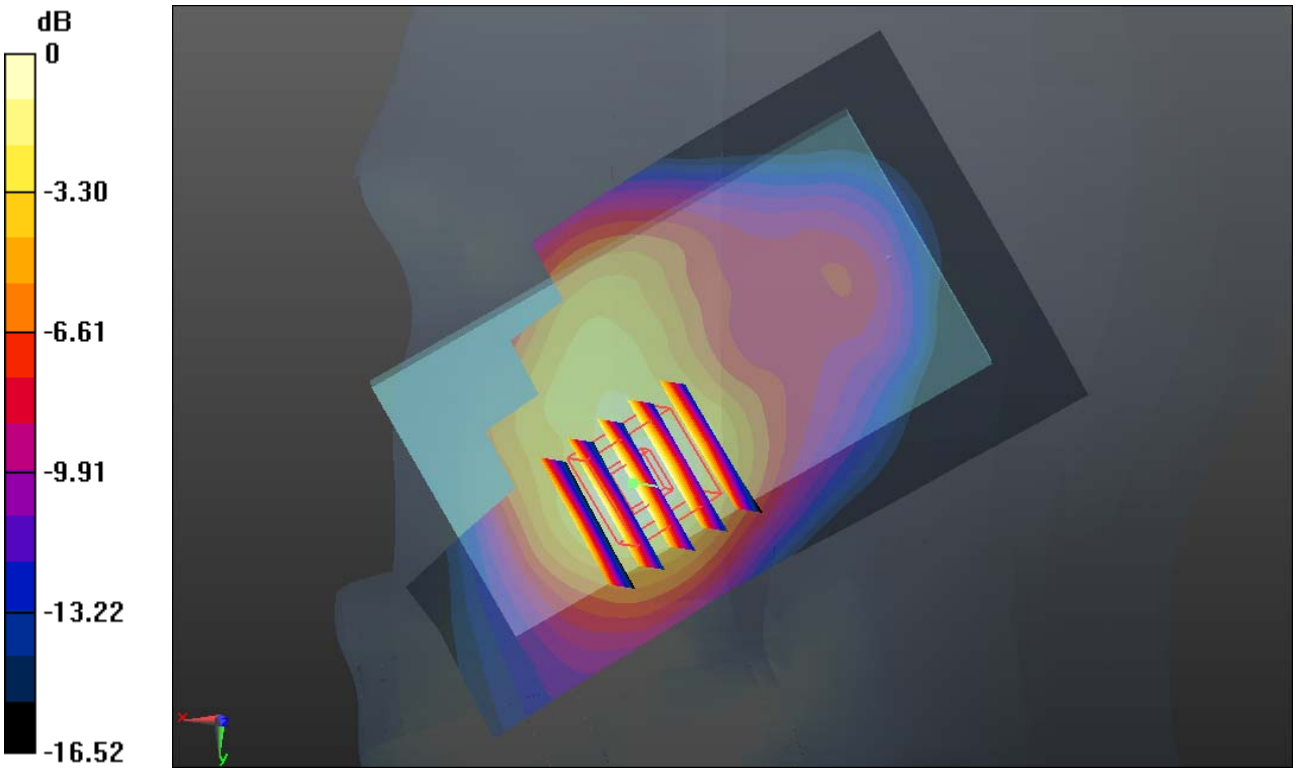
DUT: 2D2201

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_121223 Medium parameters used: f = 1880 MHz; σ = 1.404 mho/m; ε_r = 38.991; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.049 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.506 V/m; Power Drift = 0.0093 dB
Peak SAR (extrapolated) = 1.455 W/kg
SAR(1 g) = 0.955 mW/g; SAR(10 g) = 0.563 mW/g
Maximum value of SAR (measured) = 1.038 mW/g



0 dB = 1.040mW/g

#14 WCDMA II_RMC12.2K_Right Tilted_Ch9400

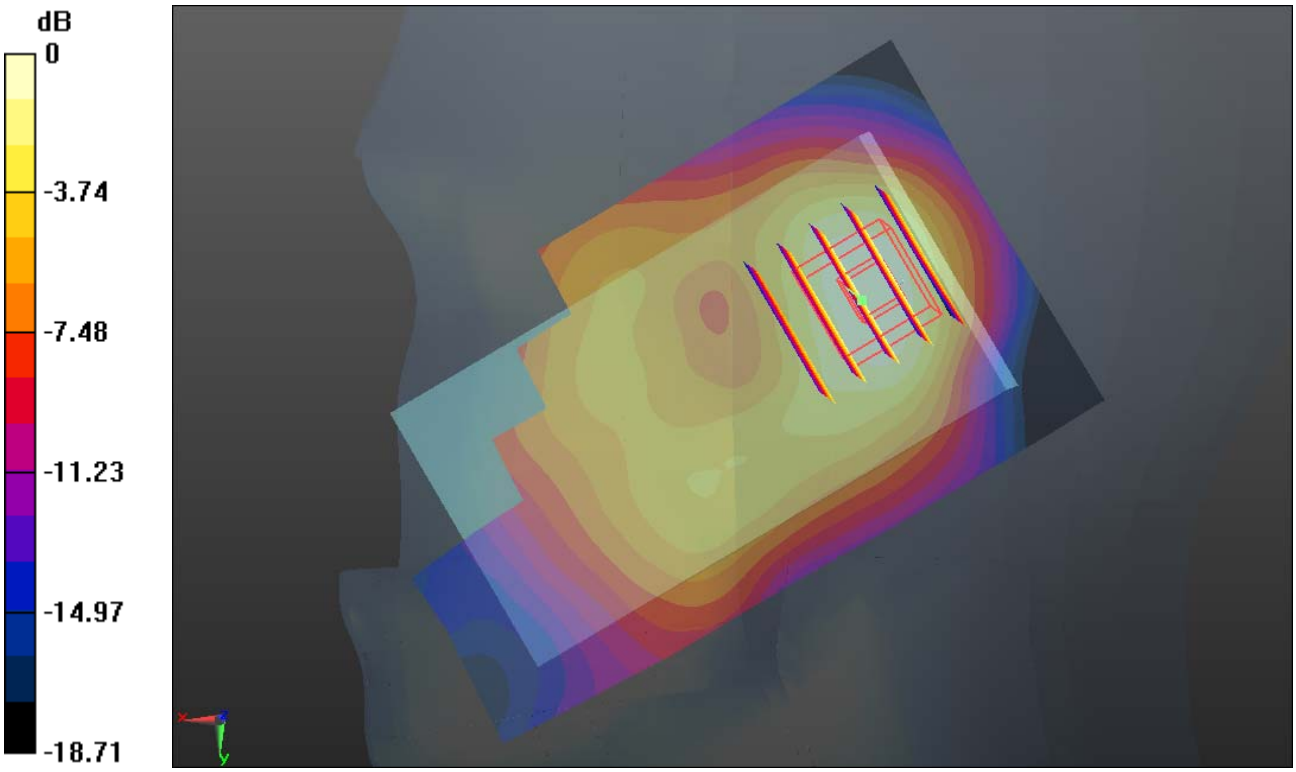
DUT: 2D2201

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_121226 Medium parameters used: f = 1880 MHz; σ = 1.404 mho/m; ε_r = 38.991; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.394 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.983 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.585 W/kg
SAR(1 g) = 0.354 mW/g; SAR(10 g) = 0.202 mW/g
Maximum value of SAR (measured) = 0.379 mW/g



0 dB = 0.380mW/g

#15 WCDMA II_RMC12.2K_Left Cheek_Ch9400

DUT: 2D2201

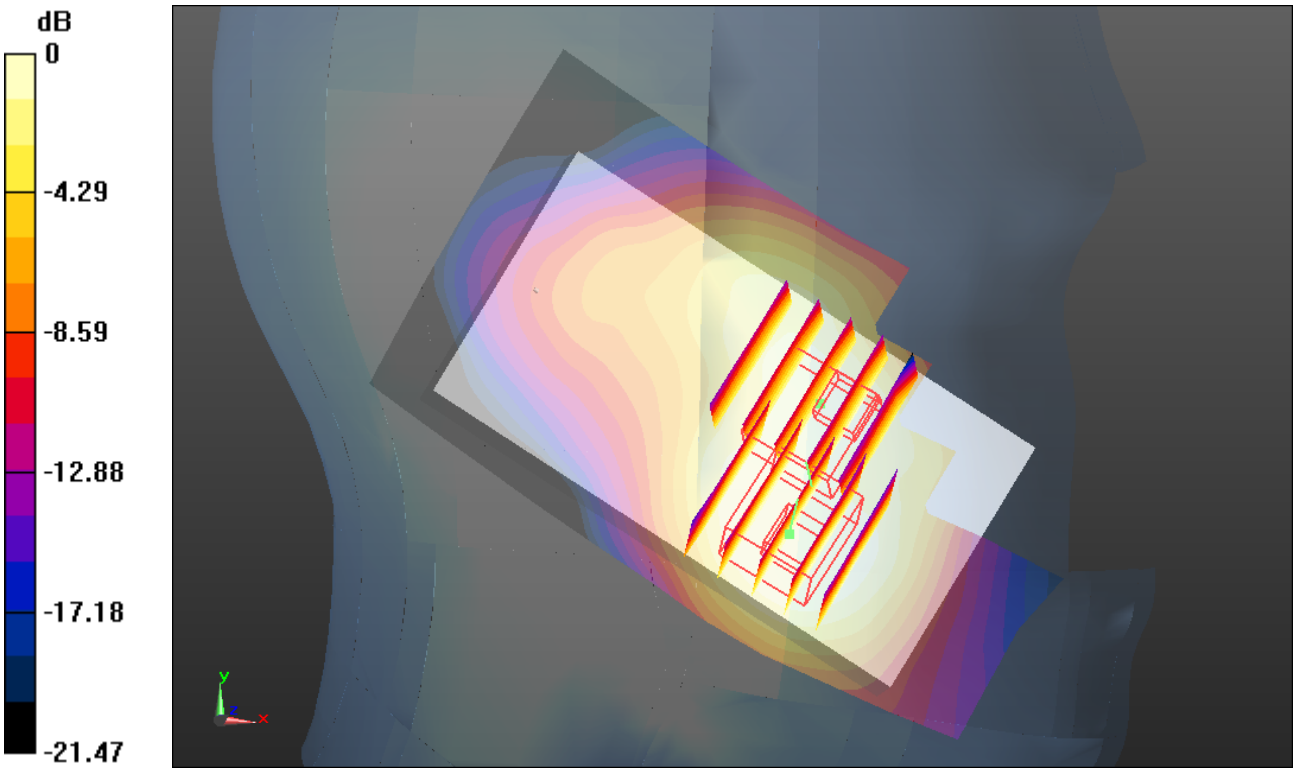
Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_121223 Medium parameters used: f = 1880 MHz; σ = 1.404 mho/m; ε_r = 38.991; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.067 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.724 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.648 W/kg
SAR(1 g) = 0.962 mW/g; SAR(10 g) = 0.534 mW/g
Maximum value of SAR (measured) = 1.061 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.724 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.029 W/kg
SAR(1 g) = 0.620 mW/g; SAR(10 g) = 0.399 mW/g
Maximum value of SAR (measured) = 0.719 mW/g



0 dB = 0.720mW/g

#16 WCDMA II_RMC12.2K_Left Tilted_Ch9400

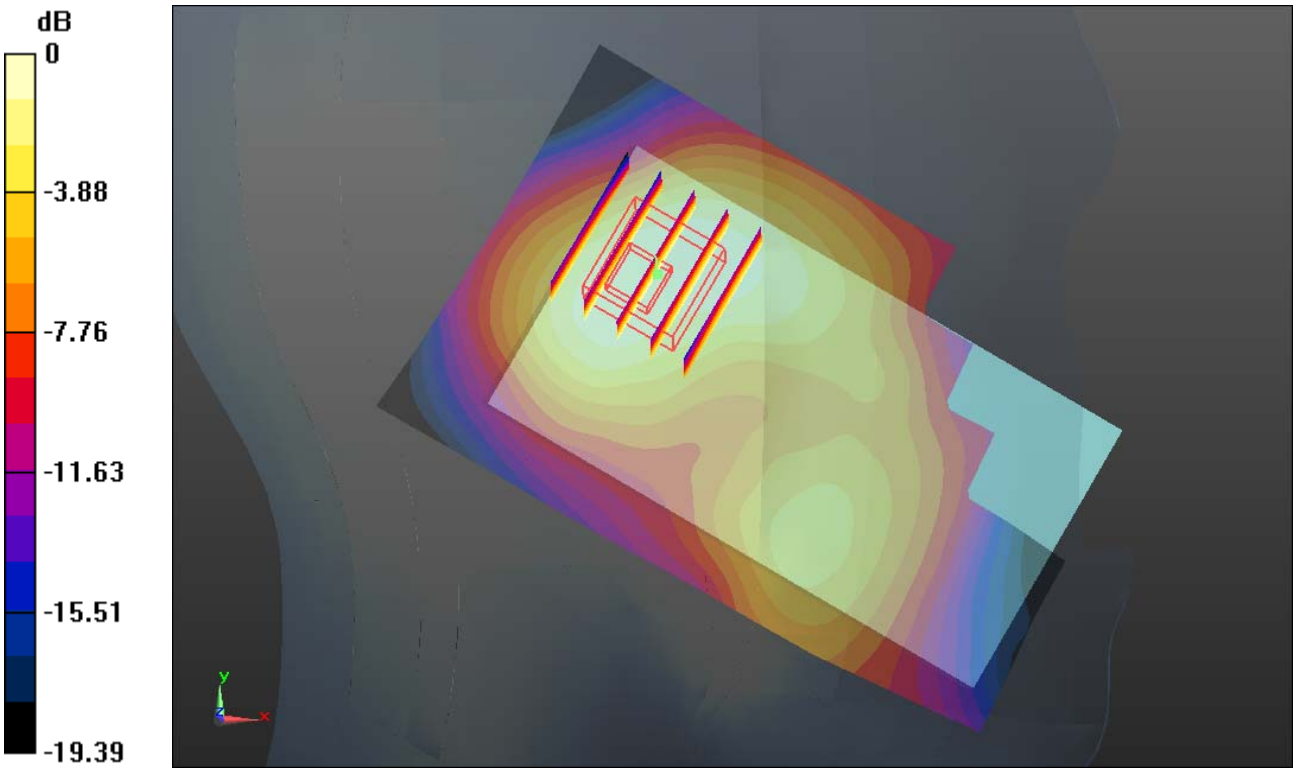
DUT: 2D2201

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_121223 Medium parameters used: f = 1880 MHz; σ = 1.404 mho/m; ε_r = 38.991; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.387 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.000 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.513 W/kg
SAR(1 g) = 0.320 mW/g; SAR(10 g) = 0.191 mW/g
Maximum value of SAR (measured) = 0.341 mW/g



0 dB = 0.340mW/g

#17 WCDMA II_RMC12.2K_Right Cheek_Ch9262

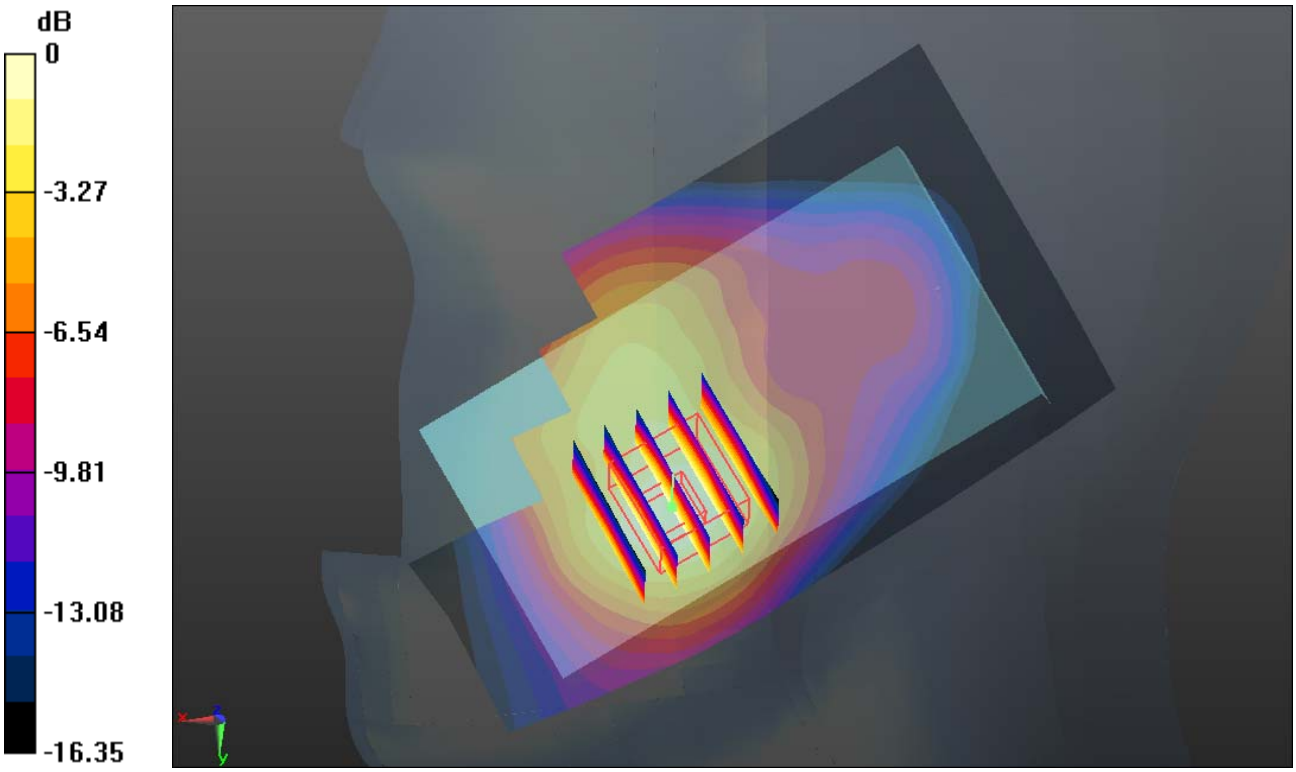
DUT: 2D2201

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_121226 Medium parameters used: f = 1852.4 MHz; σ = 1.377 mho/m; ε_r = 39.08; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.124 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.684 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.530 W/kg
SAR(1 g) = 1.010 mW/g; SAR(10 g) = 0.603 mW/g
Maximum value of SAR (measured) = 1.094 mW/g



0 dB = 1.090mW/g

#18 WCDMA II_RMC12.2K_Right Cheek_Ch9538

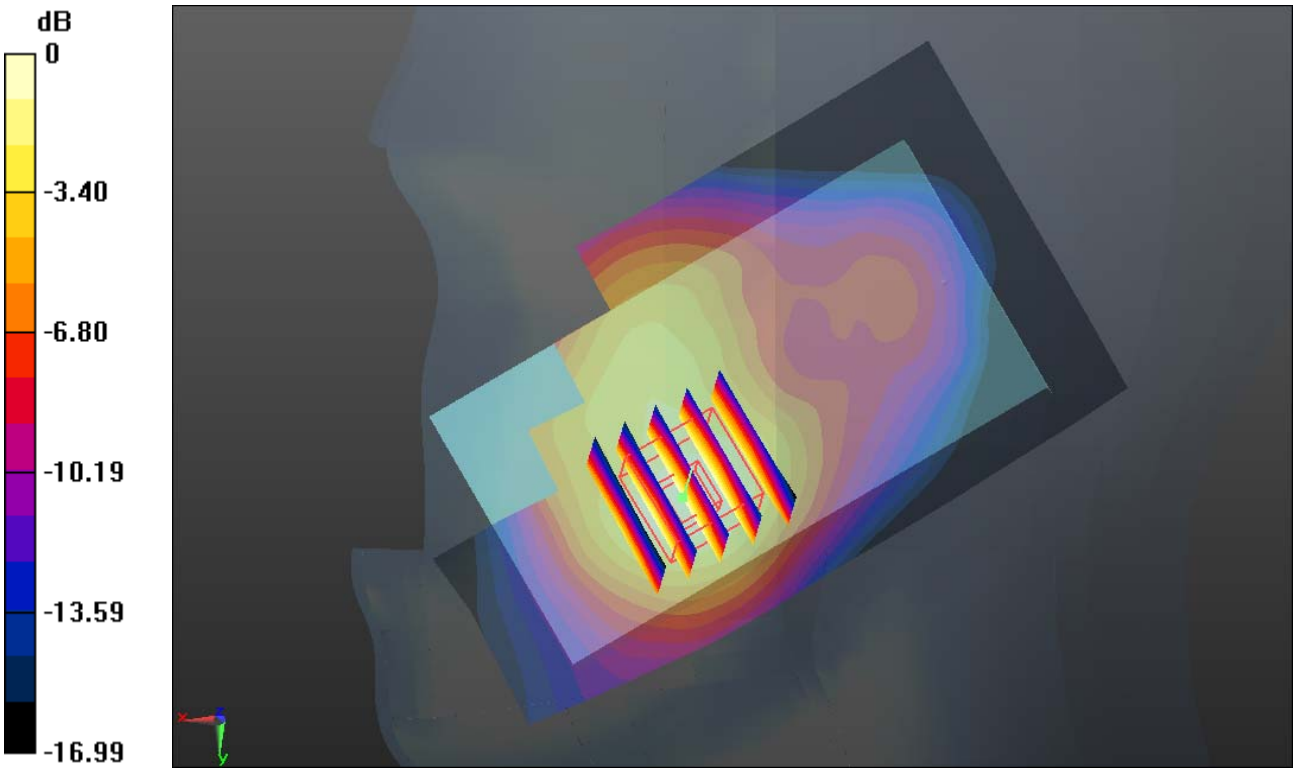
DUT: 2D2201

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: HSL_1900_121223 Medium parameters used: f = 1908 MHz; σ = 1.433 mho/m; ε_r = 38.868; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.035 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.852 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.450 W/kg
SAR(1 g) = 0.938 mW/g; SAR(10 g) = 0.549 mW/g
Maximum value of SAR (measured) = 1.018 mW/g



0 dB = 1.020mW/g

#19 WCDMA II_RMC12.2K_Left Cheek_Ch9262

DUT: 2D2201

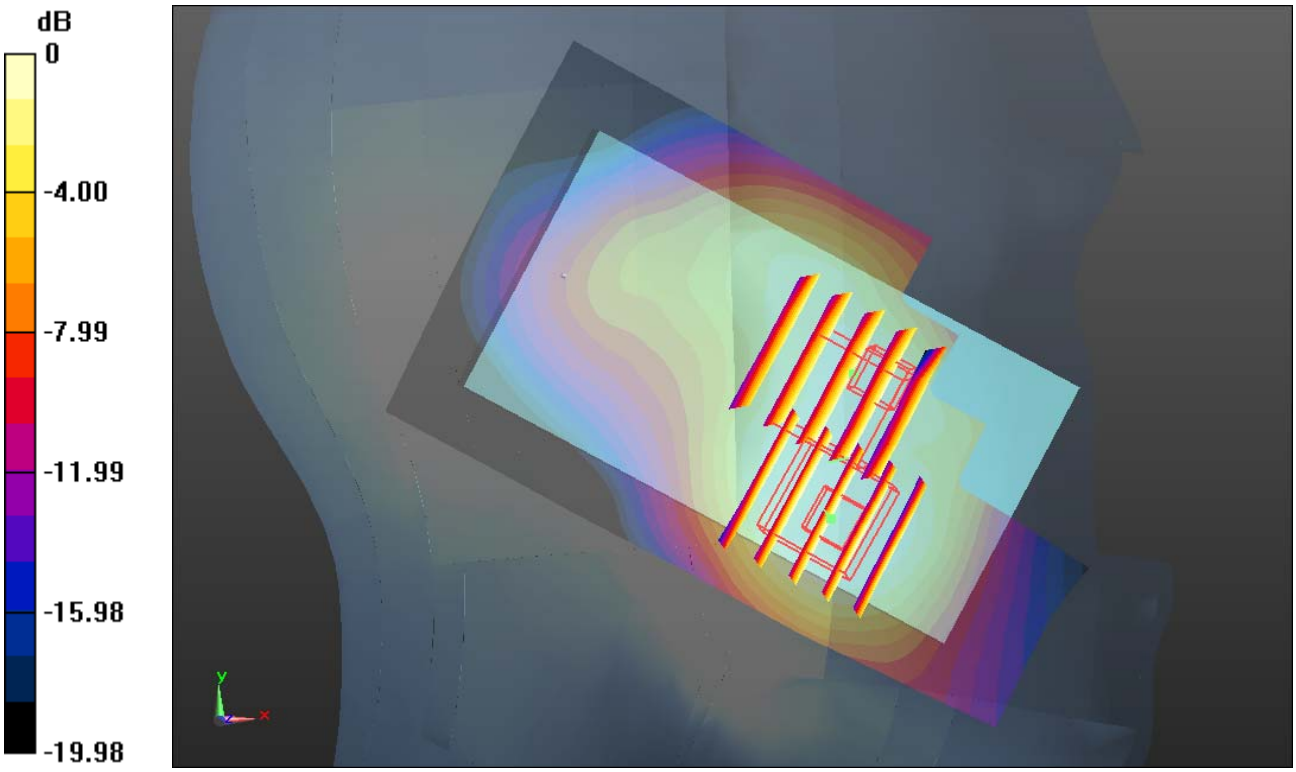
Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_121226 Medium parameters used: f = 1852.4 MHz; σ = 1.377 mho/m; ε_r = 39.08; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.140 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.102 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.783 W/kg
SAR(1 g) = 1.050 mW/g; SAR(10 g) = 0.583 mW/g
Maximum value of SAR (measured) = 1.163 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.102 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.079 W/kg
SAR(1 g) = 0.657 mW/g; SAR(10 g) = 0.420 mW/g
Maximum value of SAR (measured) = 0.765 mW/g



0 dB = 0.770mW/g

#19 WCDMA II_RMC12.2K_Left Cheek_Ch9262_2D

DUT: 2D2201

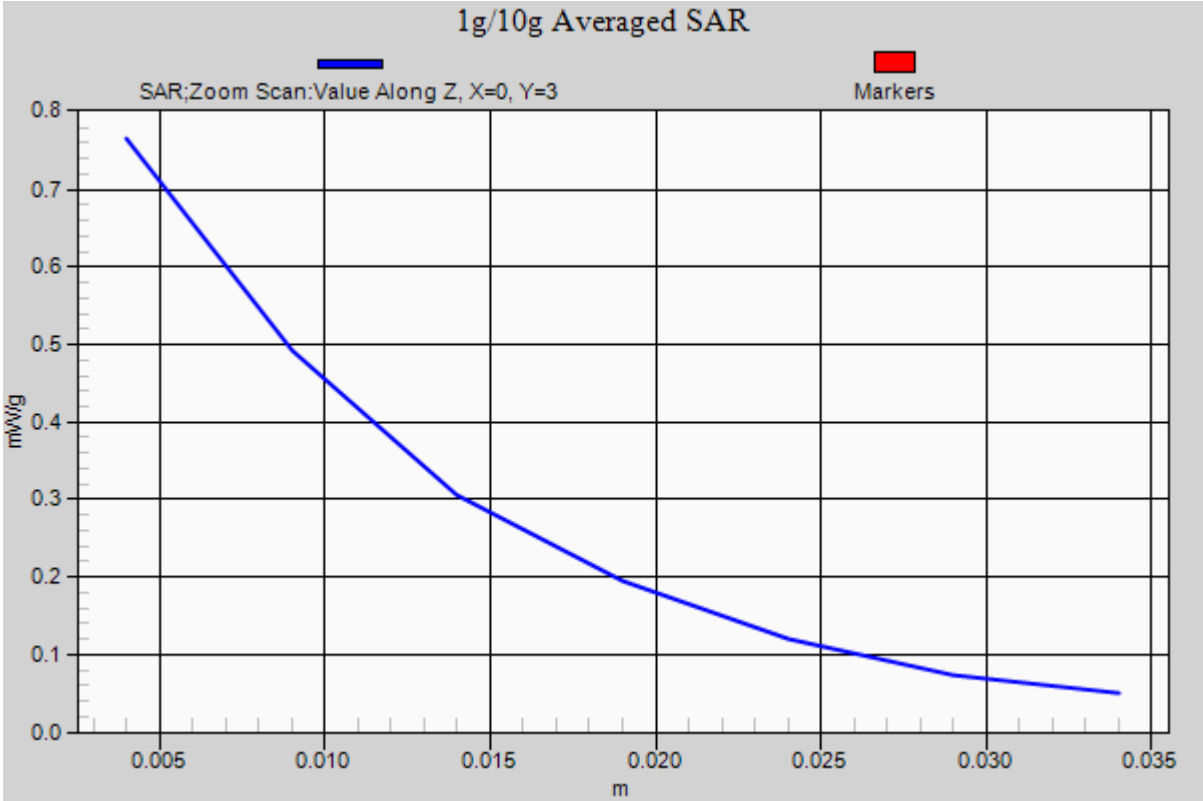
Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_121226 Medium parameters used: f = 1852.4 MHz; σ = 1.377 mho/m; ε_r = 39.08; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.140 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.102 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.783 W/kg
SAR(1 g) = 1.050 mW/g; SAR(10 g) = 0.583 mW/g
Maximum value of SAR (measured) = 1.163 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.102 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.079 W/kg
SAR(1 g) = 0.657 mW/g; SAR(10 g) = 0.420 mW/g
Maximum value of SAR (measured) = 0.765 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=0, Y=3
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

#20 WCDMA II_RMC12.2K_Left Cheek_Ch9538

DUT: 2D2201

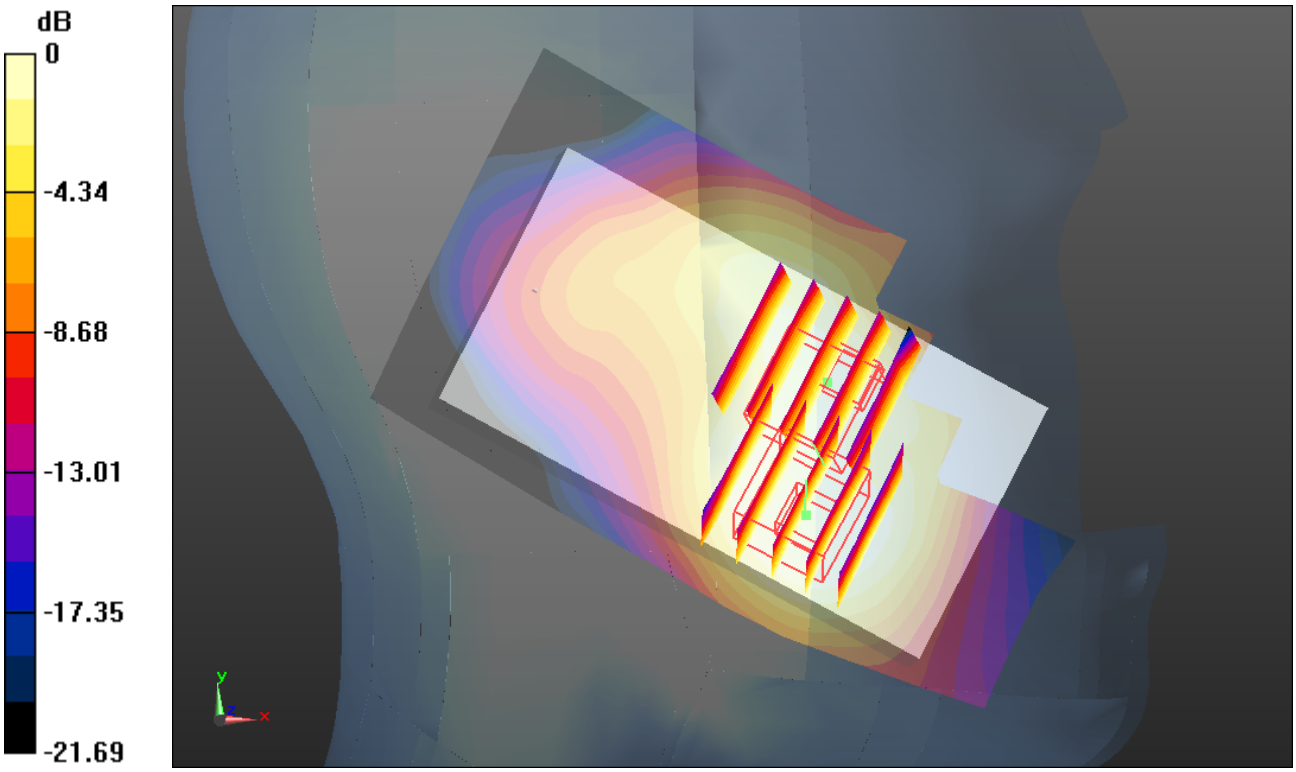
Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: HSL_1900_121226 Medium parameters used: f = 1908 MHz; σ = 1.433 mho/m; ε_r = 38.868; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.017 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.974 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.601 W/kg
SAR(1 g) = 0.929 mW/g; SAR(10 g) = 0.515 mW/g
Maximum value of SAR (measured) = 1.028 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.974 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.010 W/kg
SAR(1 g) = 0.582 mW/g; SAR(10 g) = 0.373 mW/g
Maximum value of SAR (measured) = 0.691 mW/g



0 dB = 0.690mW/g

#21 802.11b_Right Cheek_Ch11

DUT: 2D2201

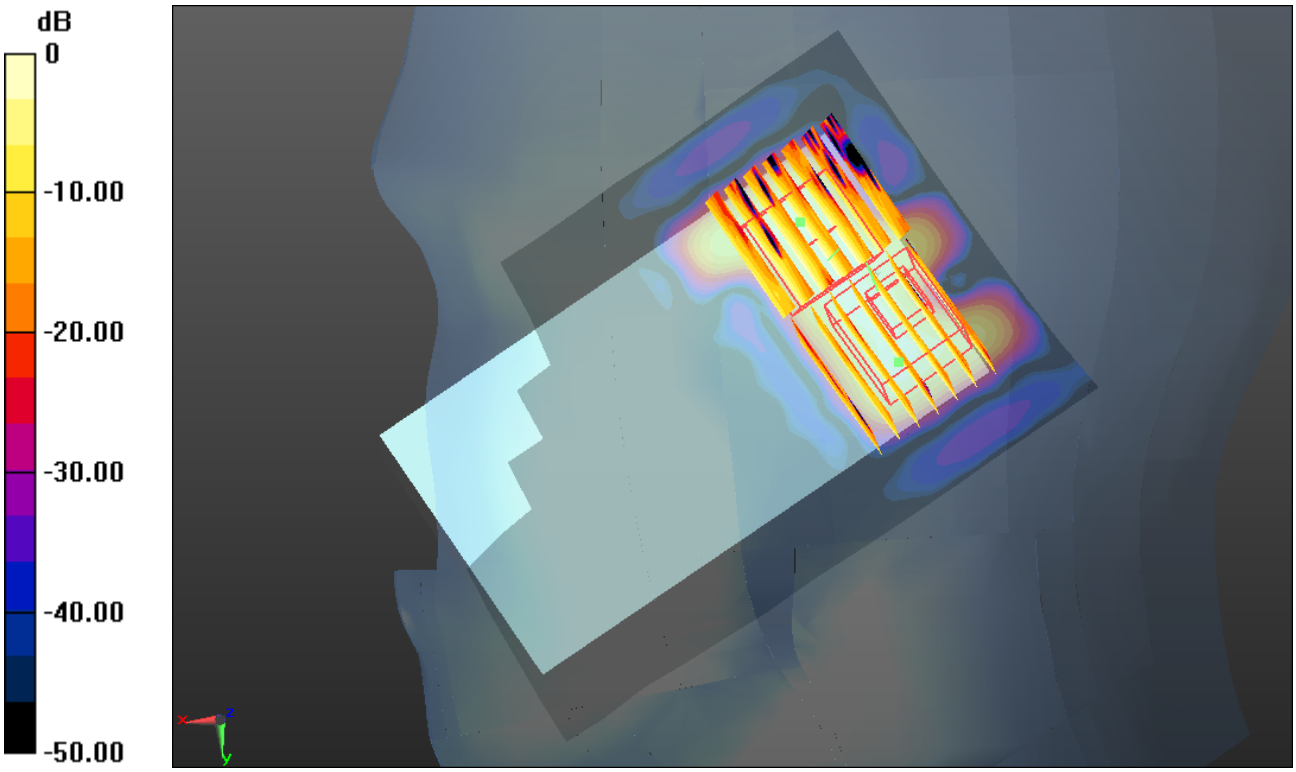
Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_121226 Medium parameters used: f = 2462 MHz; σ = 1.874 mho/m; ε_r = 39.532; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x121x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.078 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.636 V/m; Power Drift = 0.062 dB
Peak SAR (extrapolated) = 0.103 W/kg
SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.018 mW/g
Maximum value of SAR (measured) = 0.055 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.636 V/m; Power Drift = 0.062 dB
Peak SAR (extrapolated) = 0.062 W/kg
SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.013 mW/g
Maximum value of SAR (measured) = 0.040 mW/g



0 dB = 0.080mW/g

#22 802.11b_Right Tilted_Ch11

DUT: 2D2201

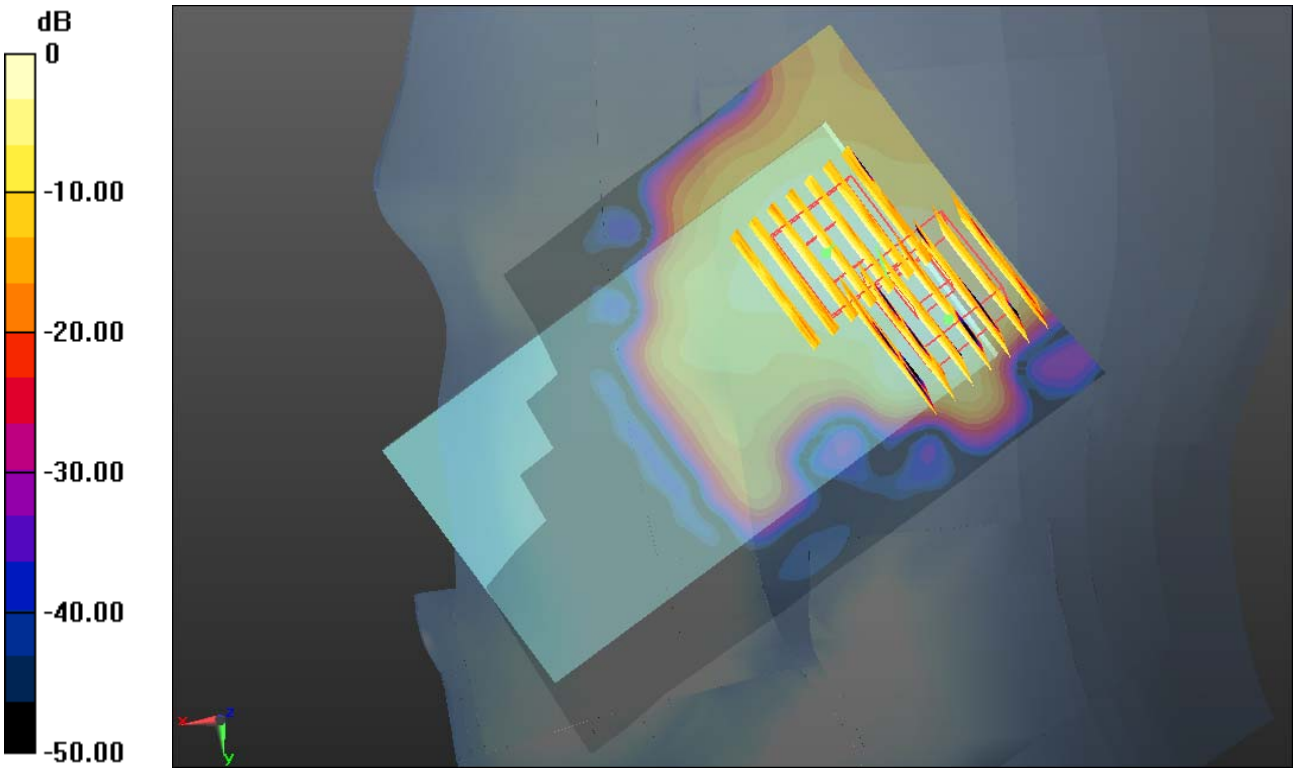
Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_121226 Medium parameters used: f = 2462 MHz; σ = 1.874 mho/m; ε_r = 39.532; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x121x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.049 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.411 V/m; Power Drift = 0.024 dB
Peak SAR (extrapolated) = 0.075 W/kg
SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.017 mW/g
Maximum value of SAR (measured) = 0.048 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.411 V/m; Power Drift = 0.024 dB
Peak SAR (extrapolated) = 0.150 W/kg
SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.010 mW/g
Maximum value of SAR (measured) = 0.034 mW/g



0 dB = 0.050mW/g

#23 802.11b_Left Cheek_Ch11

DUT: 2D2201

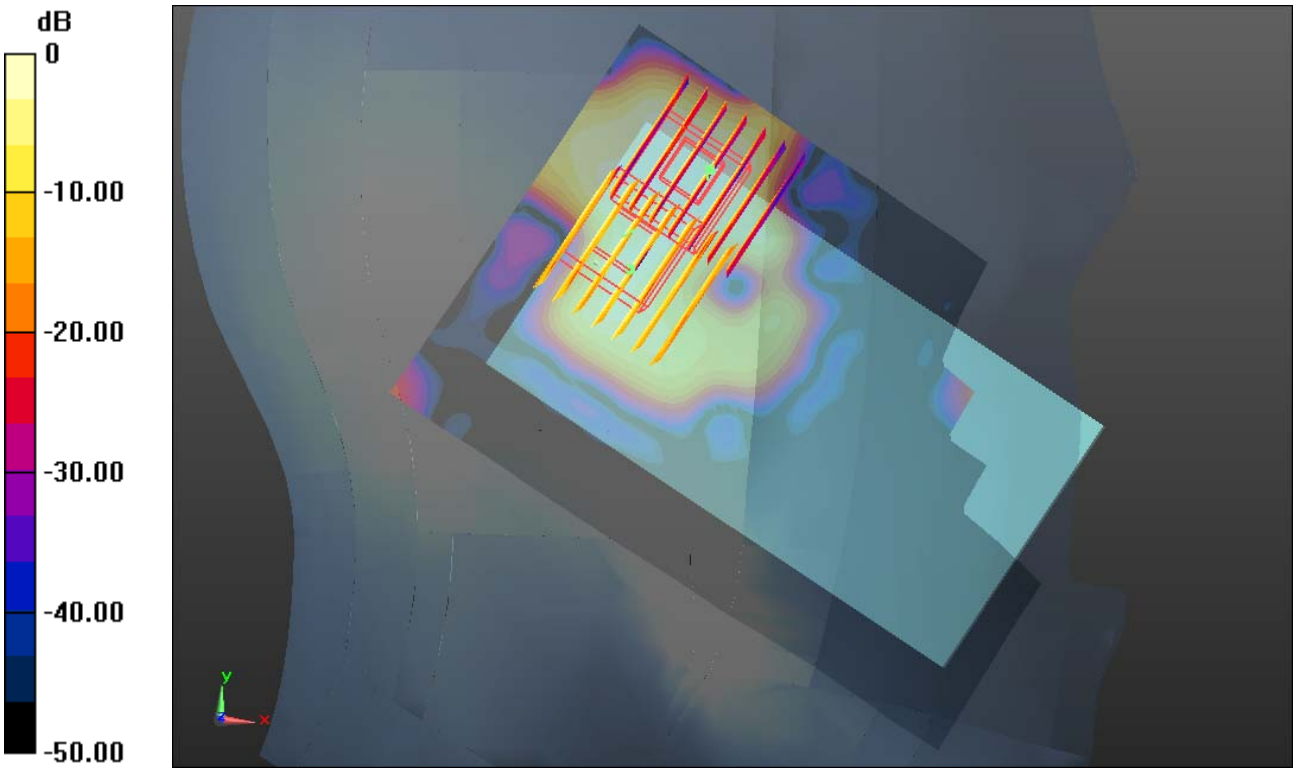
Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_121226 Medium parameters used: f = 2462 MHz; σ = 1.874 mho/m; ε_r = 39.532; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x121x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.082 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.107 V/m; Power Drift = 0.039 dB
Peak SAR (extrapolated) = 0.117 W/kg
SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.022 mW/g
Maximum value of SAR (measured) = 0.054 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.107 V/m; Power Drift = 0.039 dB
Peak SAR (extrapolated) = 0.086 W/kg
SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.018 mW/g
Maximum value of SAR (measured) = 0.039 mW/g



0 dB = 0.080mW/g

#23 802.11b_Left Cheek_Ch11_2D

DUT: 2D2201

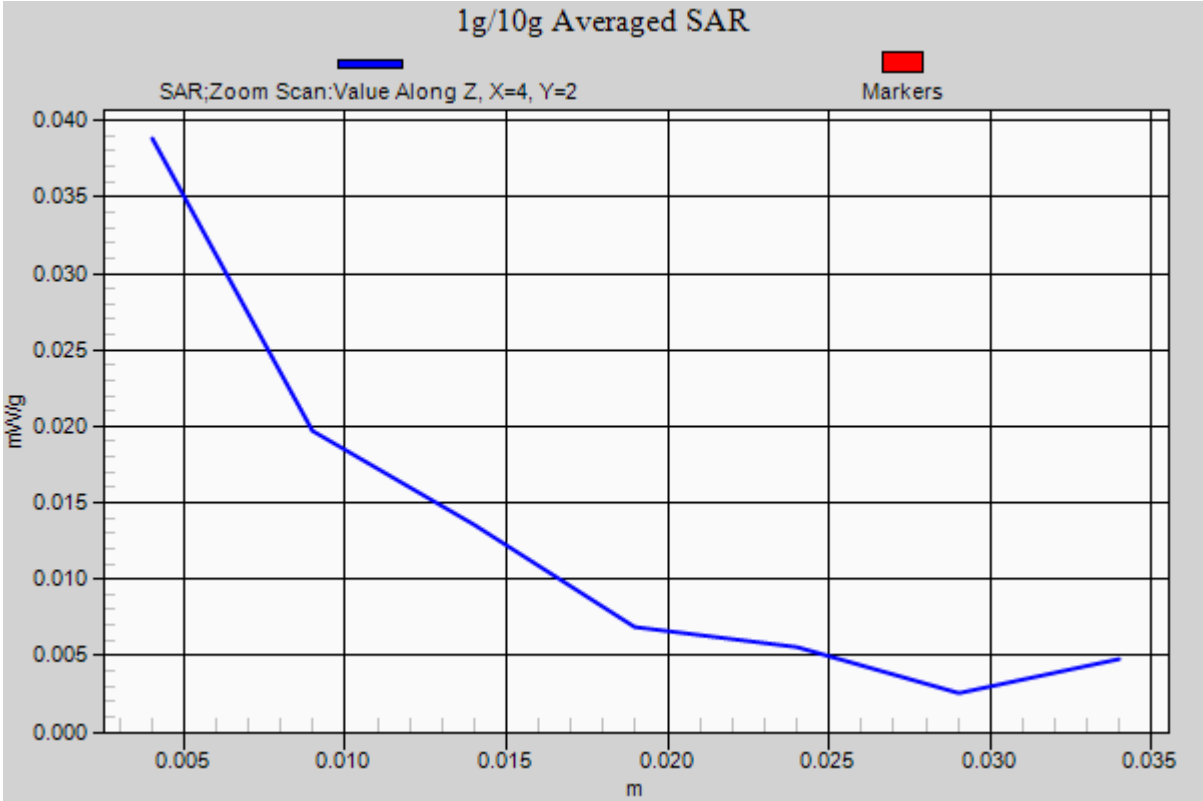
Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_121226 Medium parameters used: f = 2462 MHz; σ = 1.874 mho/m; ε_r = 39.532; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x121x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.082 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.107 V/m; Power Drift = 0.039 dB
Peak SAR (extrapolated) = 0.117 W/kg
SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.022 mW/g
Maximum value of SAR (measured) = 0.054 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.107 V/m; Power Drift = 0.039 dB
Peak SAR (extrapolated) = 0.086 W/kg
SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.018 mW/g
Maximum value of SAR (measured) = 0.039 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=4, Y=2
Markers
mW/g
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#24 802.11b_Left Tilted_Ch11

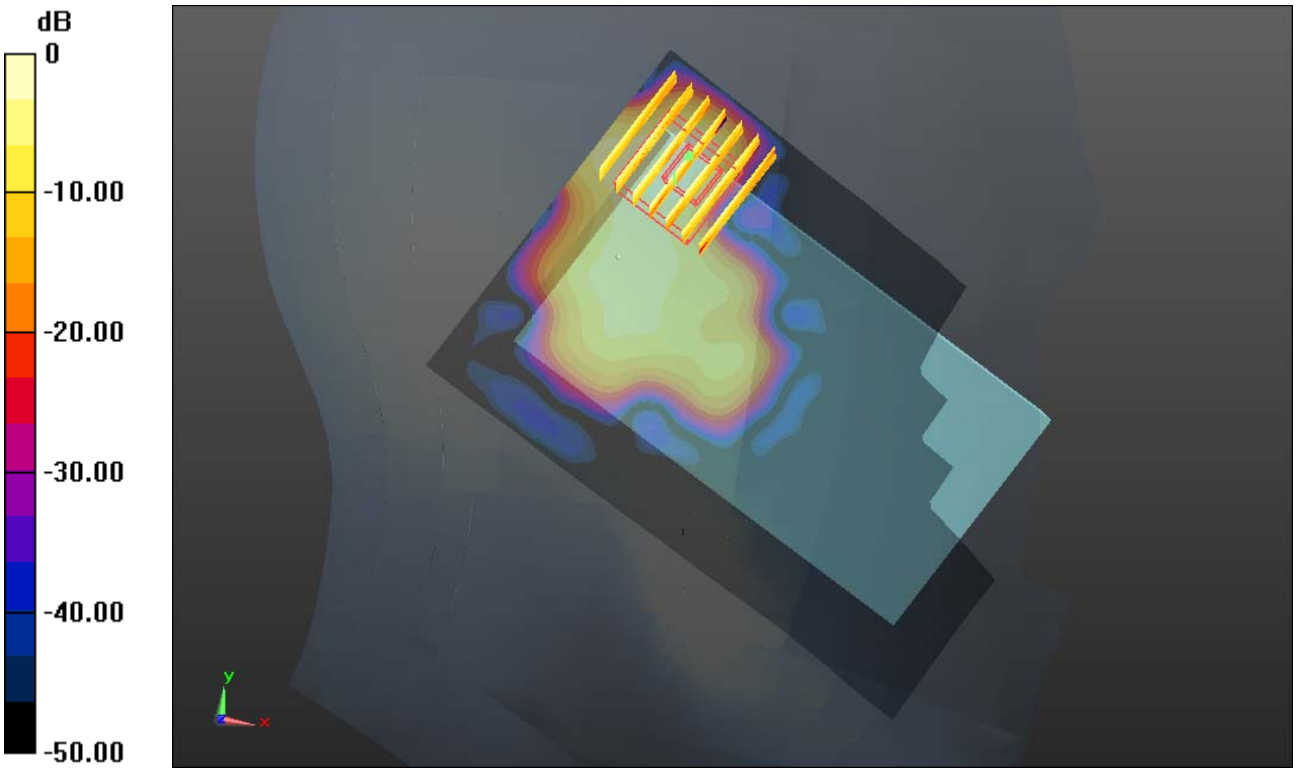
DUT: 2D2201

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_121226 Medium parameters used: f = 2462 MHz; σ = 1.874 mho/m; ε_r = 39.532; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x121x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.096 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.818 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.081 W/kg
SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.017 mW/g
Maximum value of SAR (measured) = 0.039 mW/g



0 dB = 0.100mW/g

#25 GSM850_GPRS (2 Tx slots)_Front_1cm_Ch251

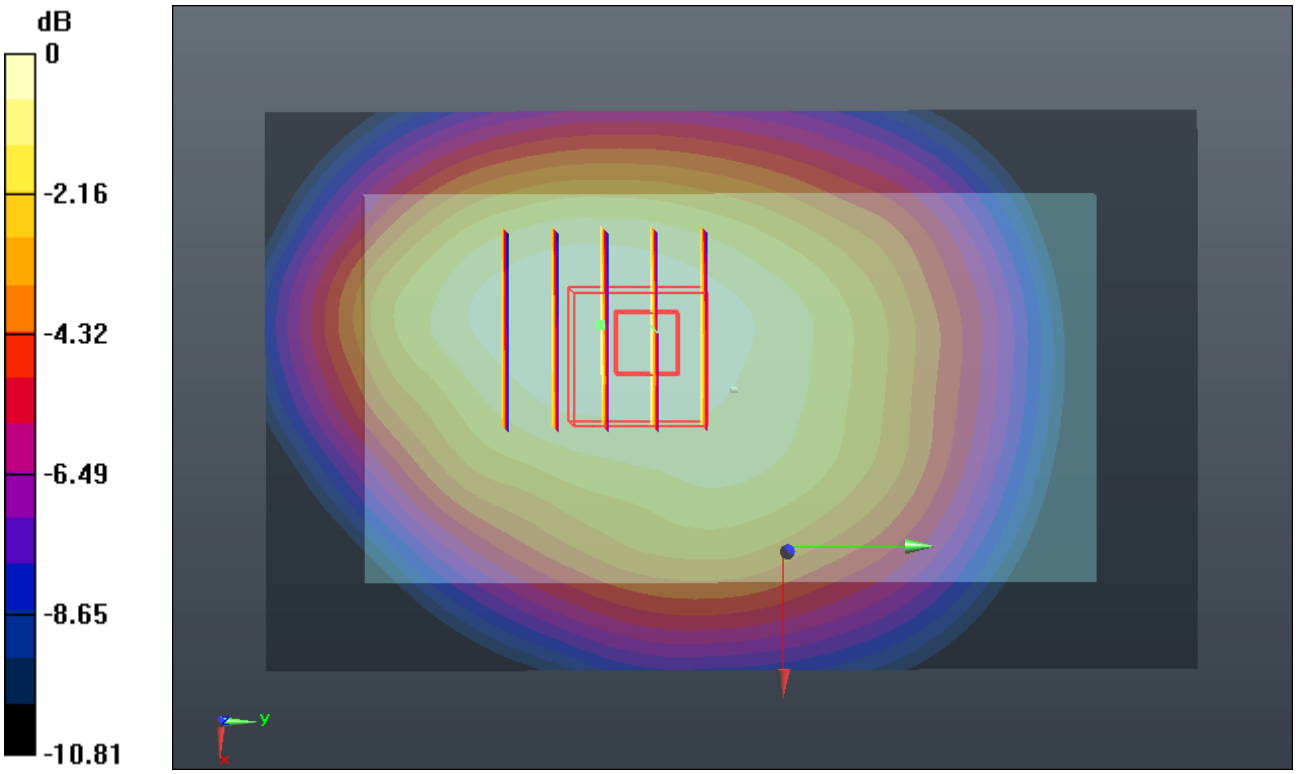
DUT: 2D2201

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_835_121223 Medium parameters used: f = 849 MHz; σ = 0.994 mho/m; ε_r = 54.316; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.476 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.192 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.521 W/kg
SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.294 mW/g
Maximum value of SAR (measured) = 0.455 mW/g



0 dB = 0.460mW/g

#26 GSM850_GPRS (2 Tx slots)_Back_1cm_Ch251

DUT: 2D2201

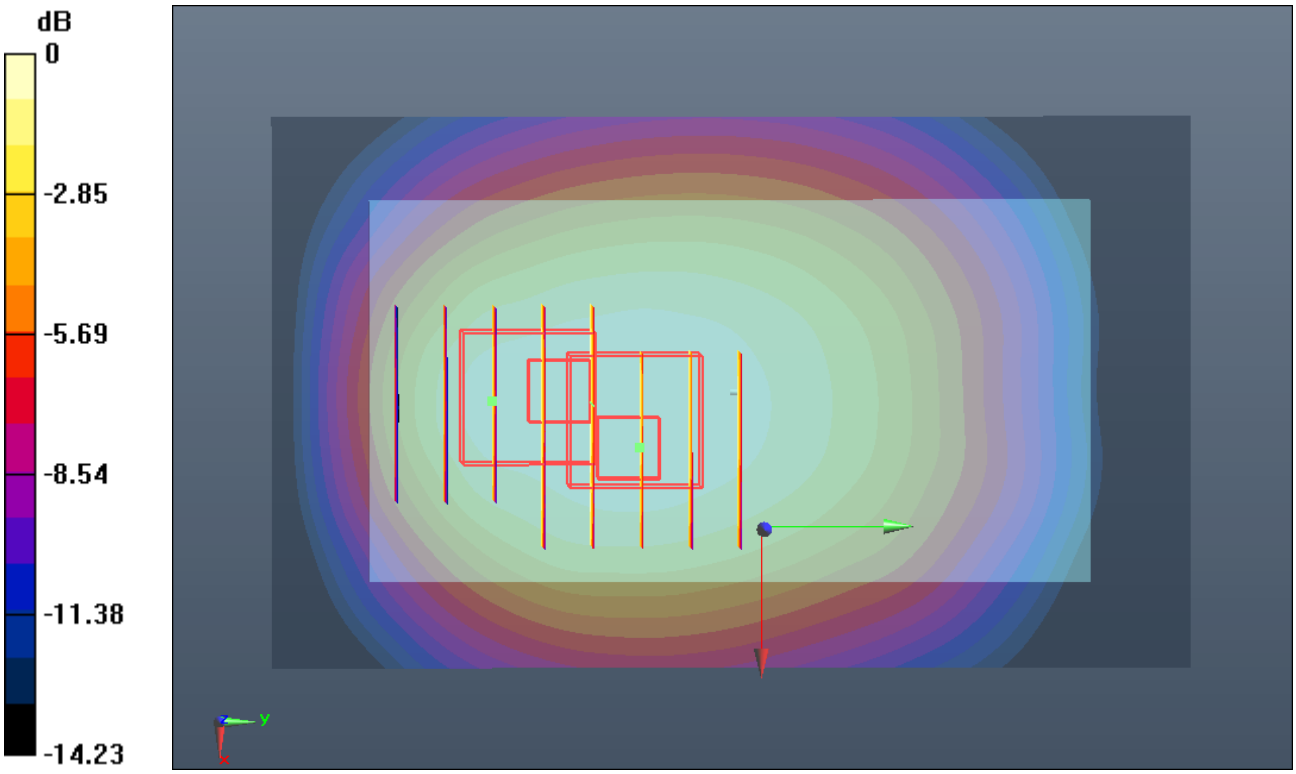
Communication System: GPRS/EDGE (2 Tx slots); Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_835_121223 Medium parameters used: f = 849 MHz; σ = 0.994 mho/m; ε_r = 54.316; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.577 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.113 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.694 W/kg
SAR(1 g) = 0.514 mW/g; SAR(10 g) = 0.375 mW/g
Maximum value of SAR (measured) = 0.596 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.113 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.634 W/kg
SAR(1 g) = 0.459 mW/g; SAR(10 g) = 0.310 mW/g
Maximum value of SAR (measured) = 0.588 mW/g



0 dB = 0.590mW/g

#26 GSM850_GPRS (2 Tx slots)_Back_1cm_Ch251_2D

DUT: 2D2201

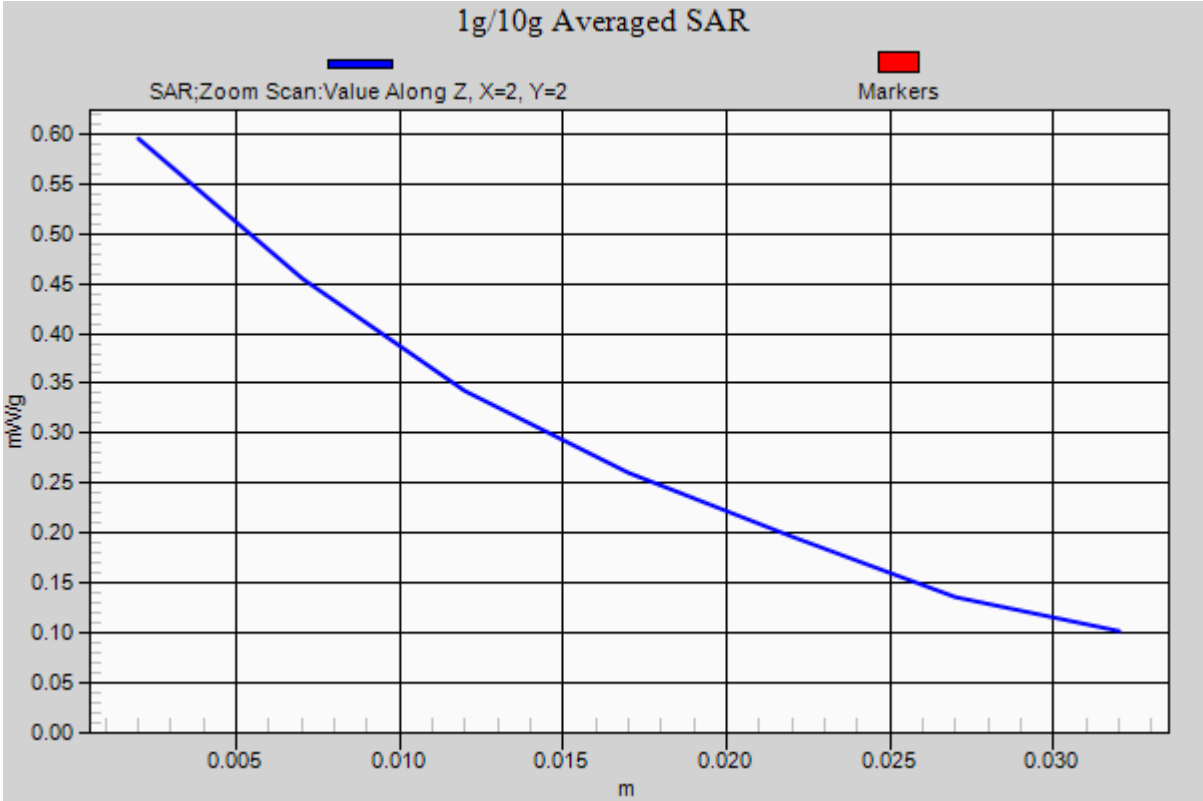
Communication System: GPRS/EDGE (2 Tx slots); Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_835_121223 Medium parameters used: f = 849 MHz; σ = 0.994 mho/m; ε_r = 54.316; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.577 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.113 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.694 W/kg
SAR(1 g) = 0.514 mW/g; SAR(10 g) = 0.375 mW/g
Maximum value of SAR (measured) = 0.596 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.113 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.634 W/kg
SAR(1 g) = 0.459 mW/g; SAR(10 g) = 0.310 mW/g
Maximum value of SAR (measured) = 0.588 mW/g


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

#27 GSM850_GPRS (2 Tx slots)_Left Side_1cm_Ch251

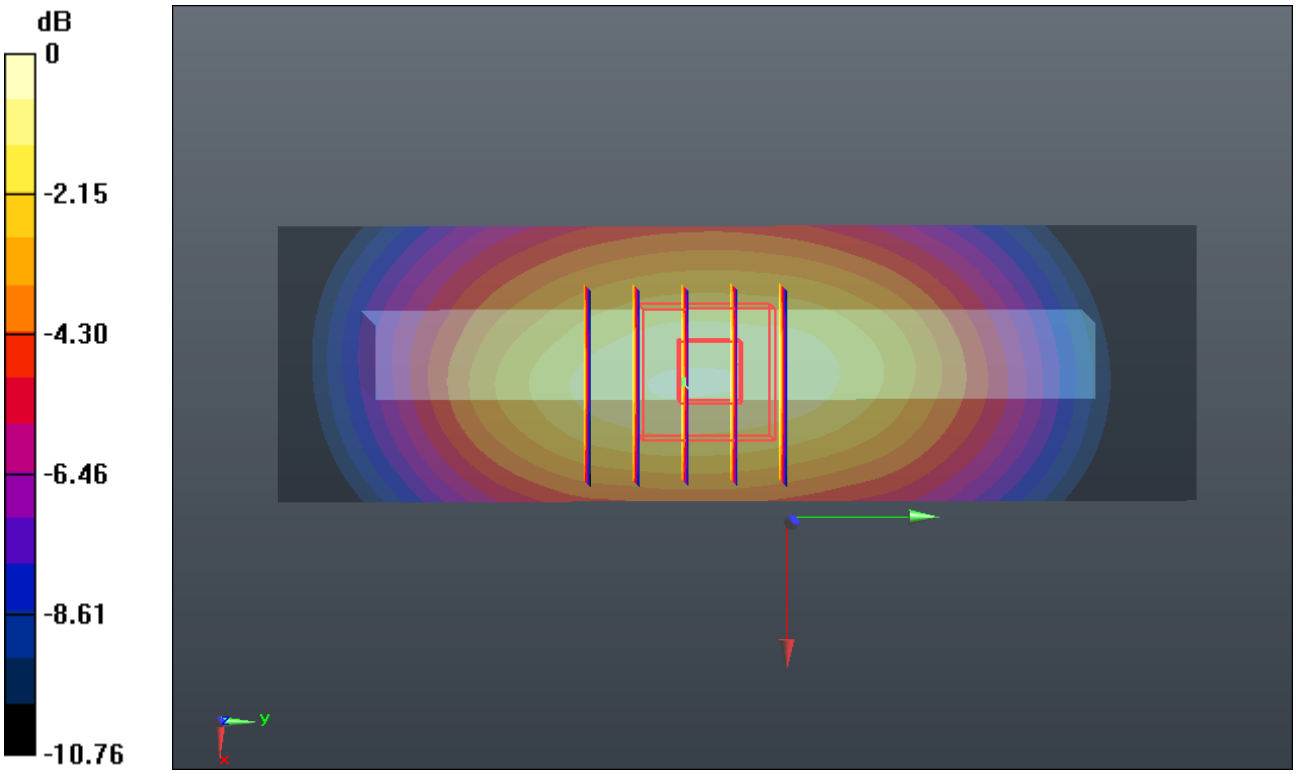
DUT: 2D2201

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_835_121223 Medium parameters used: f = 849 MHz; σ = 0.994 mho/m; ε_r = 54.316; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.380 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.586 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.508 W/kg
SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.248 mW/g
Maximum value of SAR (measured) = 0.437 mW/g



0 dB = 0.440mW/g

#28 GSM850_GPRS (2 Tx slots)_Right Side_1cm_Ch251

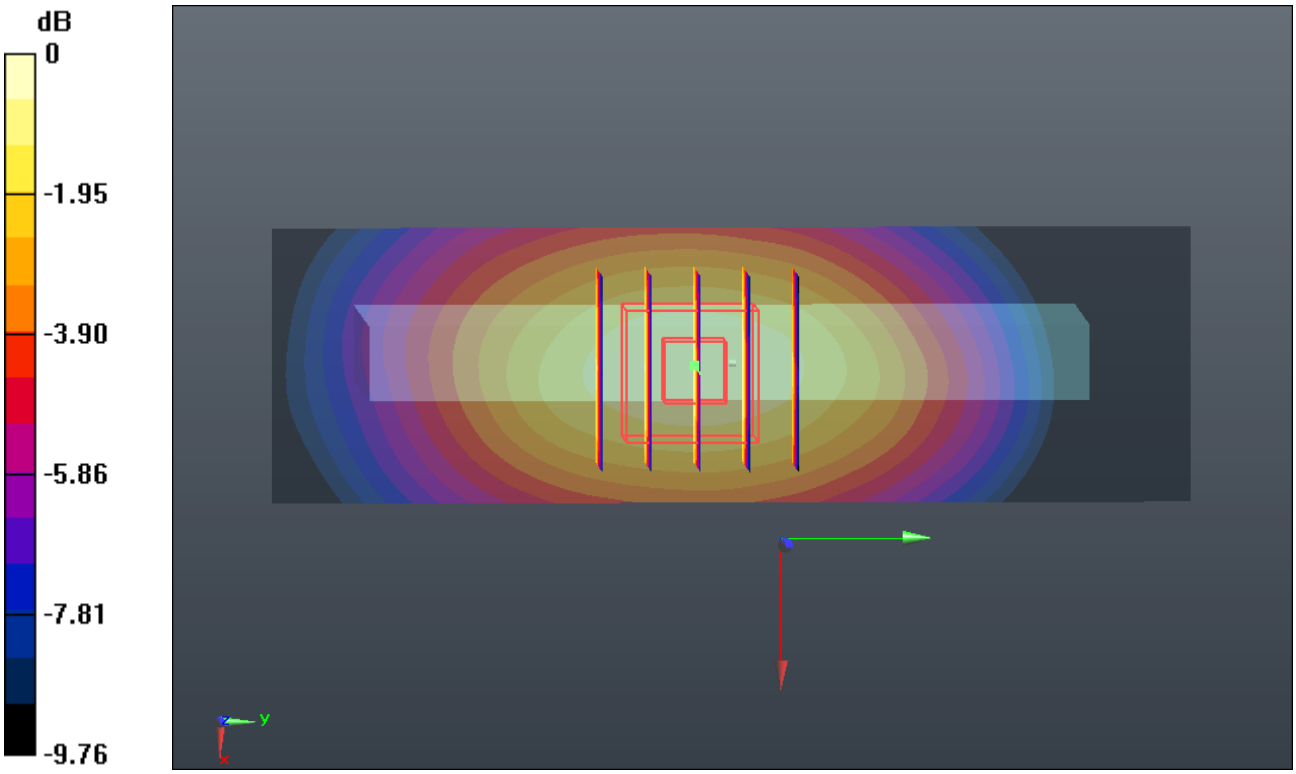
DUT: 2D2201

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_835_121223 Medium parameters used: f = 849 MHz; σ = 0.994 mho/m; ε_r = 54.316; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.318 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.085 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.427 W/kg
SAR(1 g) = 0.307 mW/g; SAR(10 g) = 0.213 mW/g
Maximum value of SAR (measured) = 0.374 mW/g



0 dB = 0.370mW/g

#29 GSM850_GPRS (2 Tx slots)_Bottom Side_1cm_Ch251

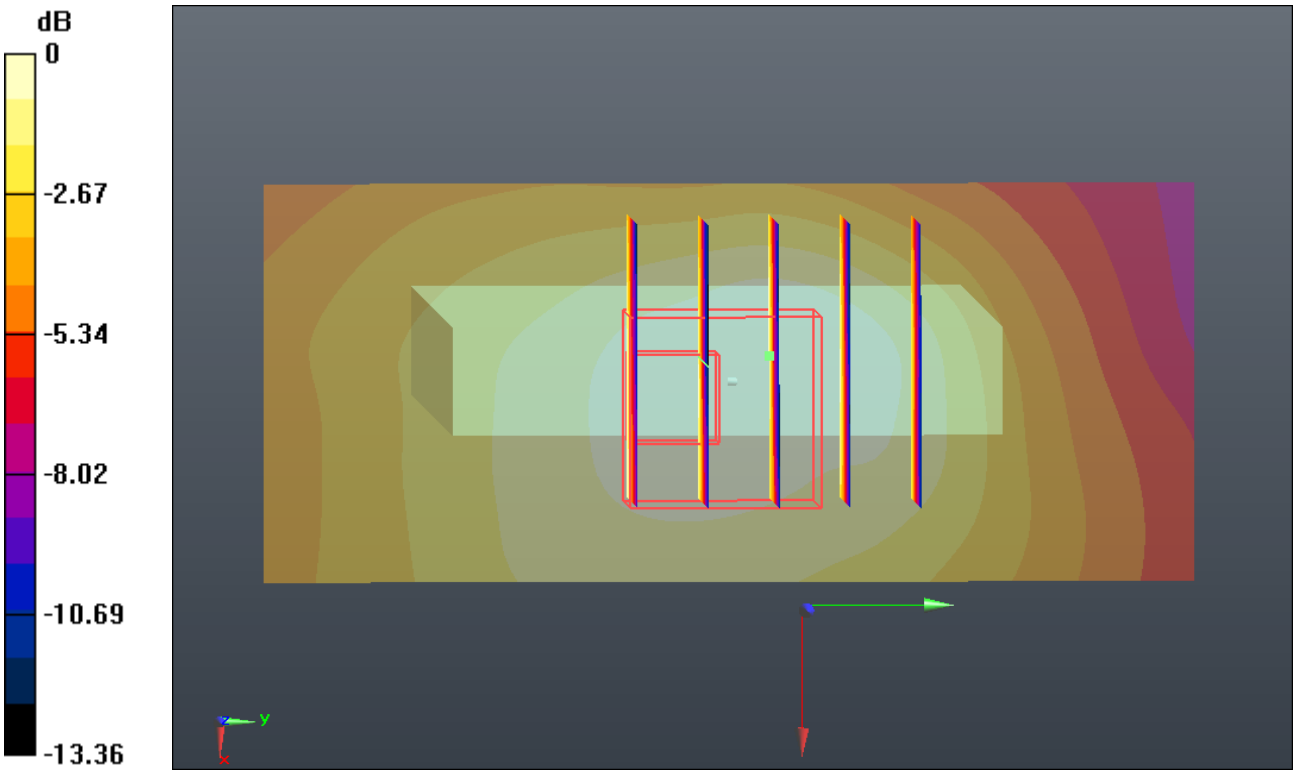
DUT: 2D2201

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: MSL_835_121223 Medium parameters used: f = 849 MHz; σ = 0.994 mho/m; ε_r = 54.316; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.065 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.027 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.079 W/kg
SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.028 mW/g
Maximum value of SAR (measured) = 0.062 mW/g



0 dB = 0.060mW/g

#31 GSM1900_GPRS (2 Tx slots)_Front_1cm_Ch512

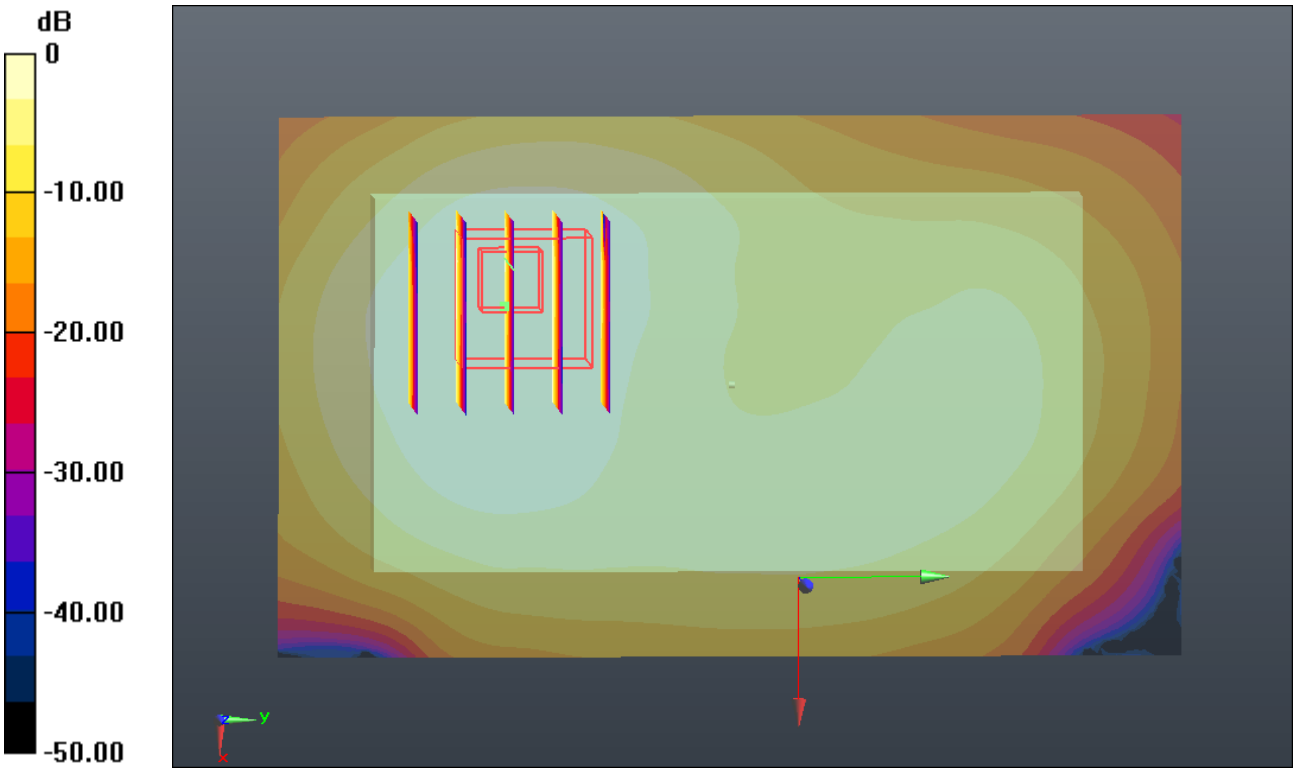
DUT: 2D2201

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900_121225 Medium parameters used: f = 1850.2 MHz; σ = 1.489 mho/m; ε_r = 53.472; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.645 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.945 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.778 W/kg
SAR(1 g) = 0.468 mW/g; SAR(10 g) = 0.278 mW/g
Maximum value of SAR (measured) = 0.619 mW/g



0 dB = 0.650mW/g

#32 GSM1900_GPRS (2 Tx slots)_Back_1cm_Ch512

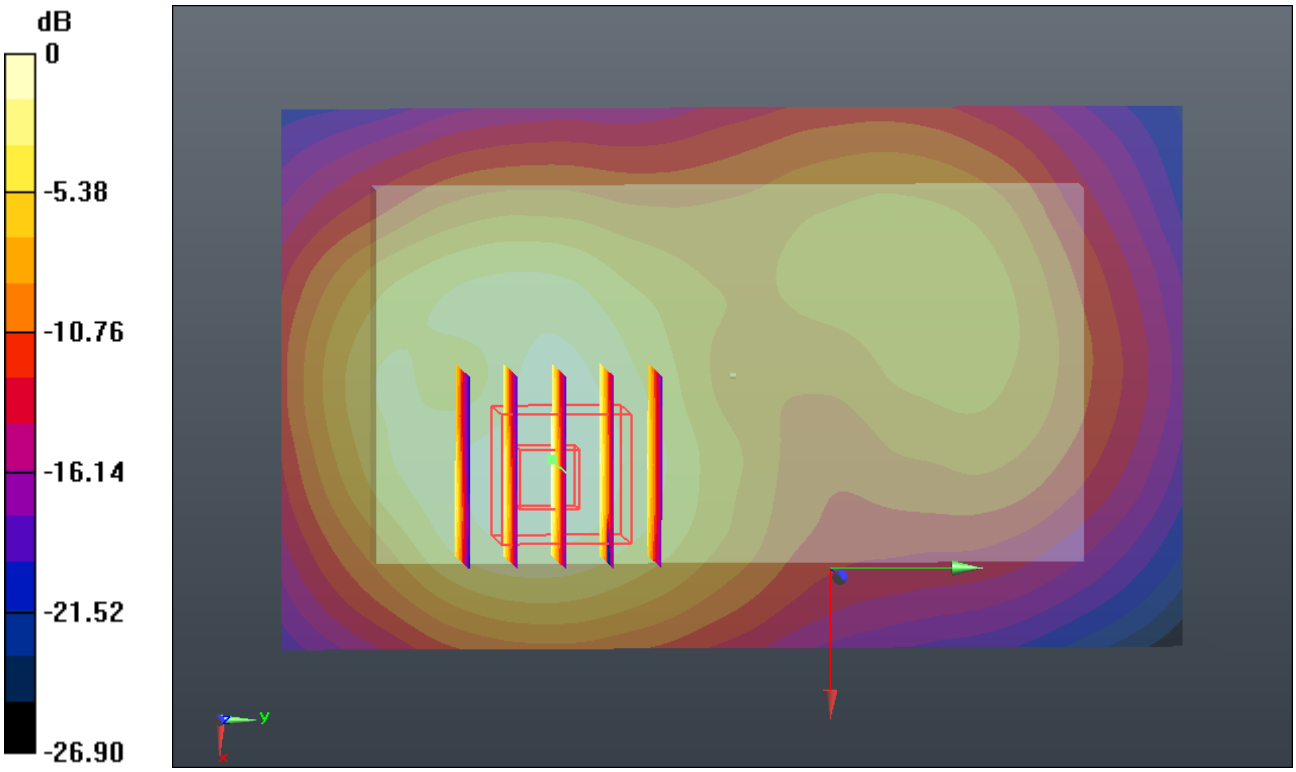
DUT: 2D2201

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900_121225 Medium parameters used: f = 1850.2 MHz; σ = 1.489 mho/m; ε_r = 53.472; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.900 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.380 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.095 W/kg
SAR(1 g) = 0.665 mW/g; SAR(10 g) = 0.376 mW/g
Maximum value of SAR (measured) = 0.885 mW/g



0 dB = 0.900mW/g

#32 GSM1900_GPRS (2 Tx slots)_Back_1cm_Ch512_2D

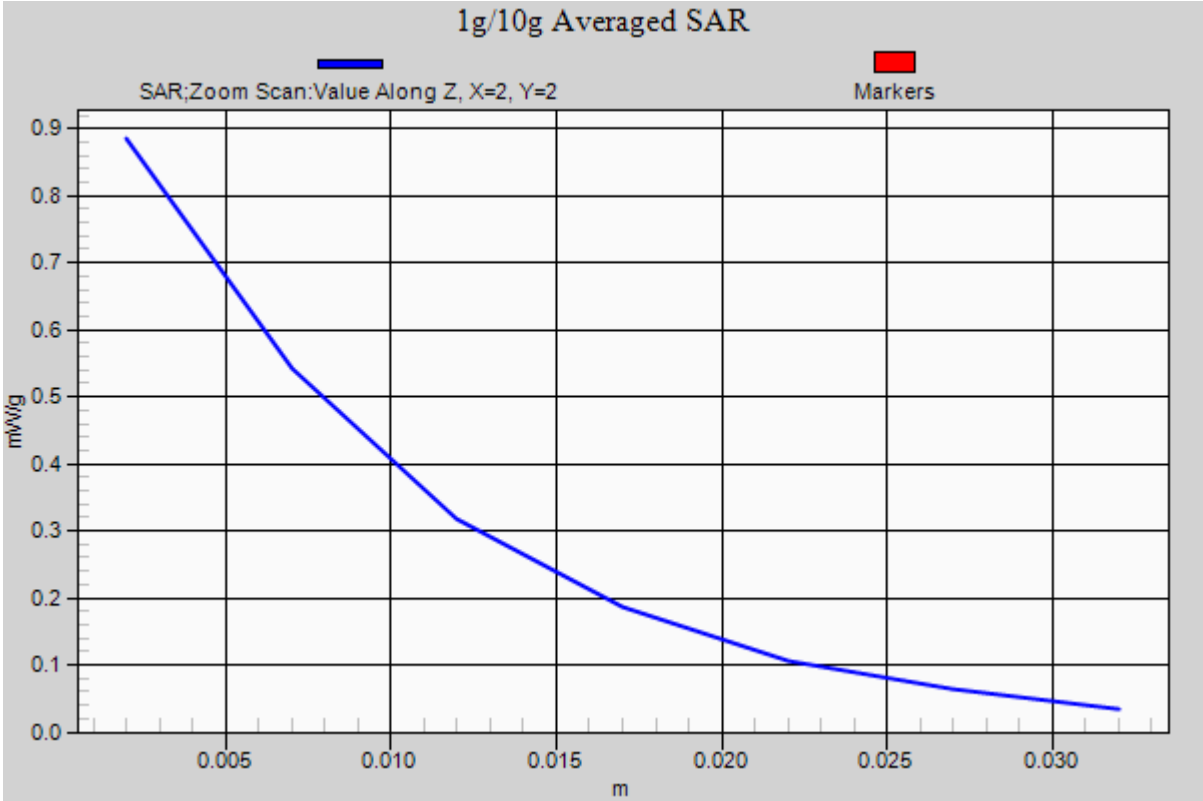
DUT: 2D2201

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900_121225 Medium parameters used: f = 1850.2 MHz; σ = 1.489 mho/m; ε_r = 53.472; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.900 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.380 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.095 W/kg
SAR(1 g) = 0.665 mW/g; SAR(10 g) = 0.376 mW/g
Maximum value of SAR (measured) = 0.885 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
m

#33 GSM1900_GPRS (2 Tx slots)_Left Side_1cm_Ch512

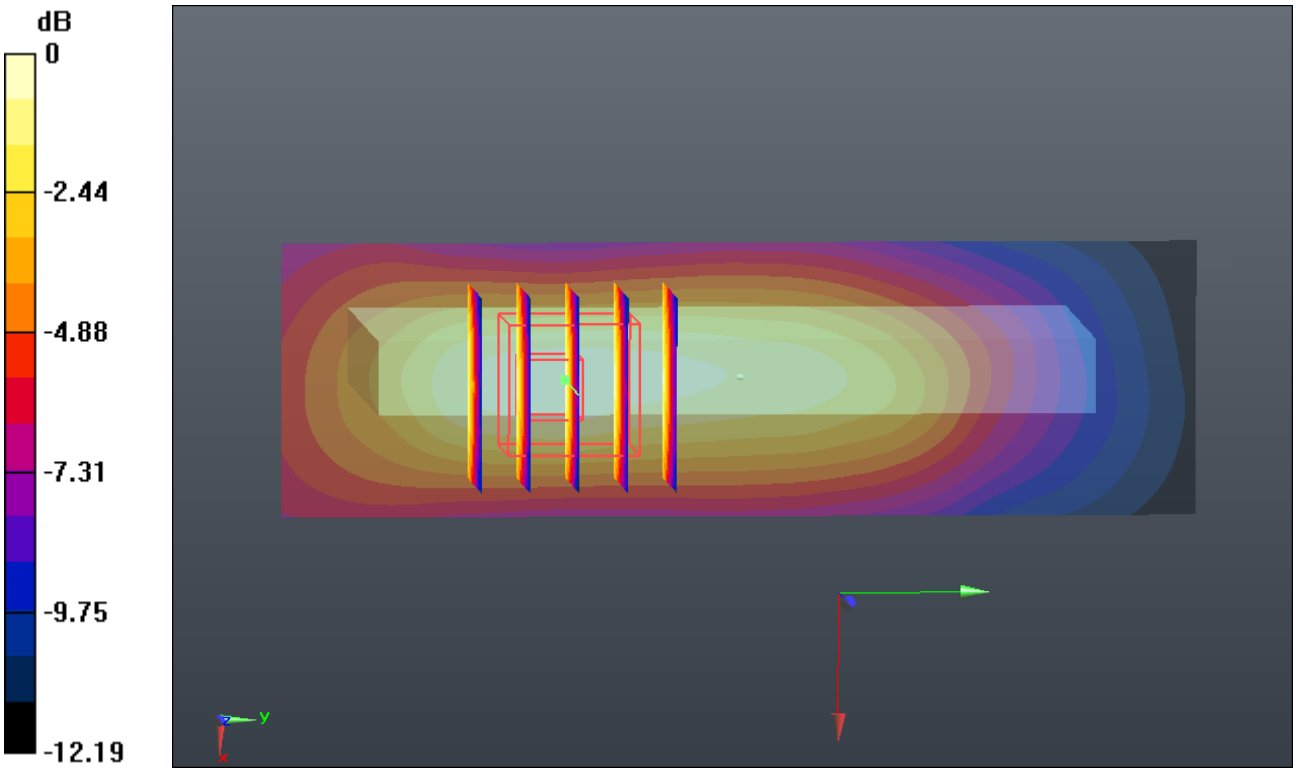
DUT: 2D2201

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900_121225 Medium parameters used: f = 1850.2 MHz; σ = 1.489 mho/m; ε_r = 53.472; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.199 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.282 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.245 W/kg
SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.083 mW/g
Maximum value of SAR (measured) = 0.197 mW/g



0 dB = 0.200mW/g

#34 GSM1900_GPRS (2 Tx slots)_Right Side_1cm_Ch512

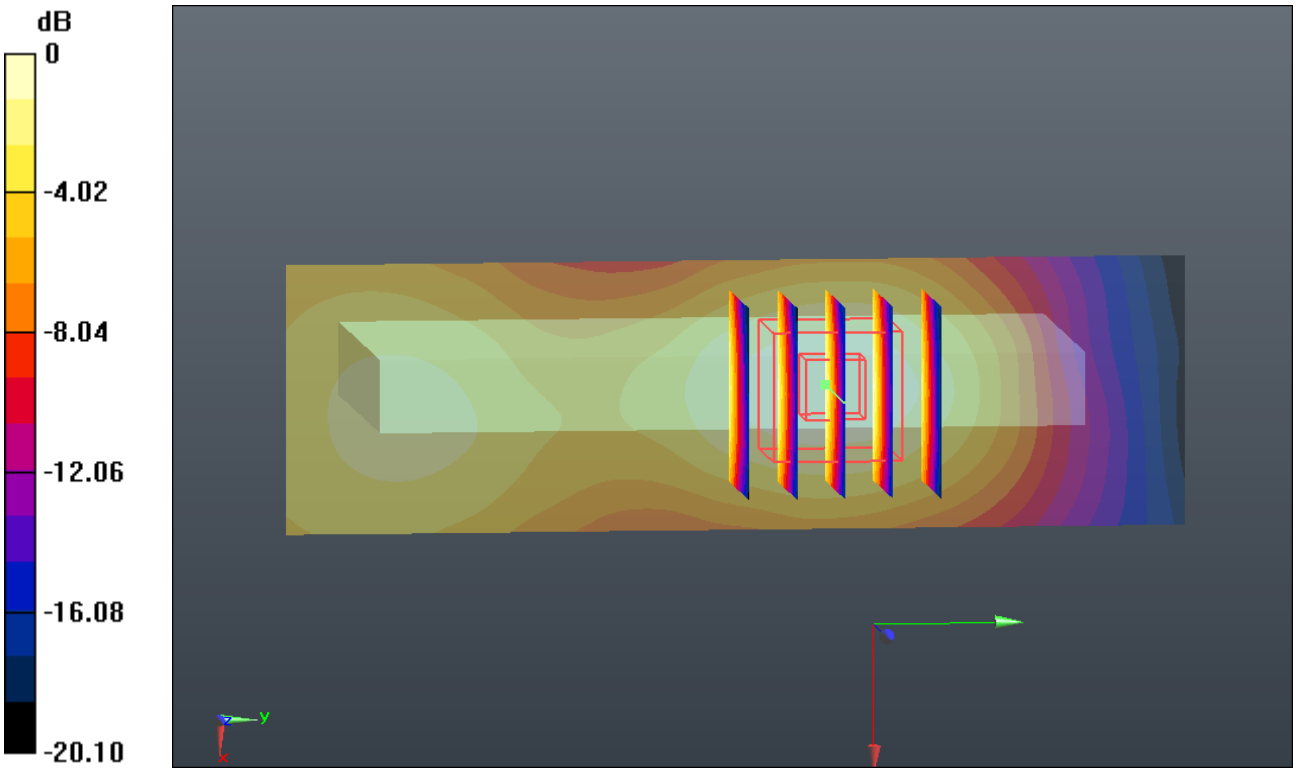
DUT: 2D2201

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900_121225 Medium parameters used: f = 1850.2 MHz; σ = 1.489 mho/m; ε_r = 53.472; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.168 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.528 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.197 W/kg
SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.070 mW/g
Maximum value of SAR (measured) = 0.160 mW/g



0 dB = 0.170mW/g

#35 GSM1900_GPRS (2 Tx slots)_Bottom Side_1cm_Ch512

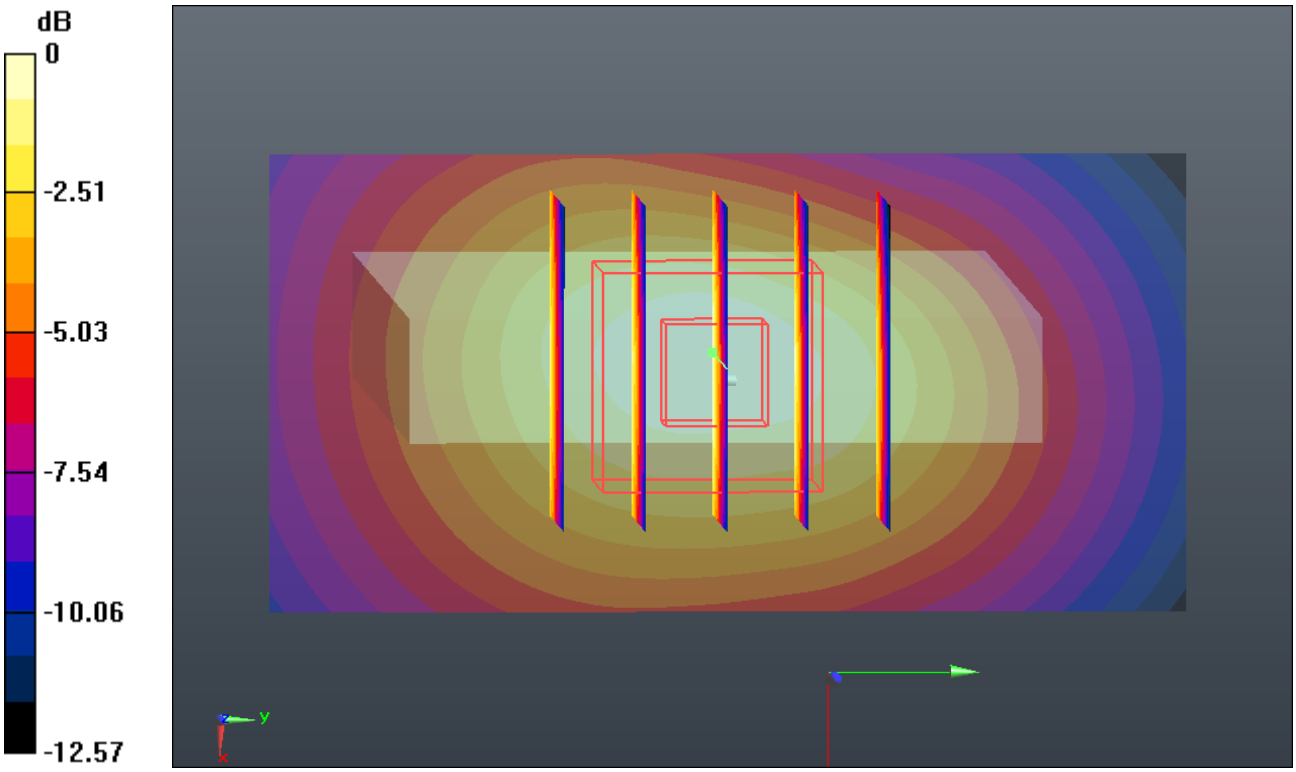
DUT: 2D2201

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900_121225 Medium parameters used: f = 1850.2 MHz; σ = 1.489 mho/m; ε_r = 53.472; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.420 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.536 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.537 W/kg
SAR(1 g) = 0.320 mW/g; SAR(10 g) = 0.179 mW/g
Maximum value of SAR (measured) = 0.436 mW/g



0 dB = 0.420mW/g

#37 WCDMA V_RMC12.2K_Front_1cm_Ch4233

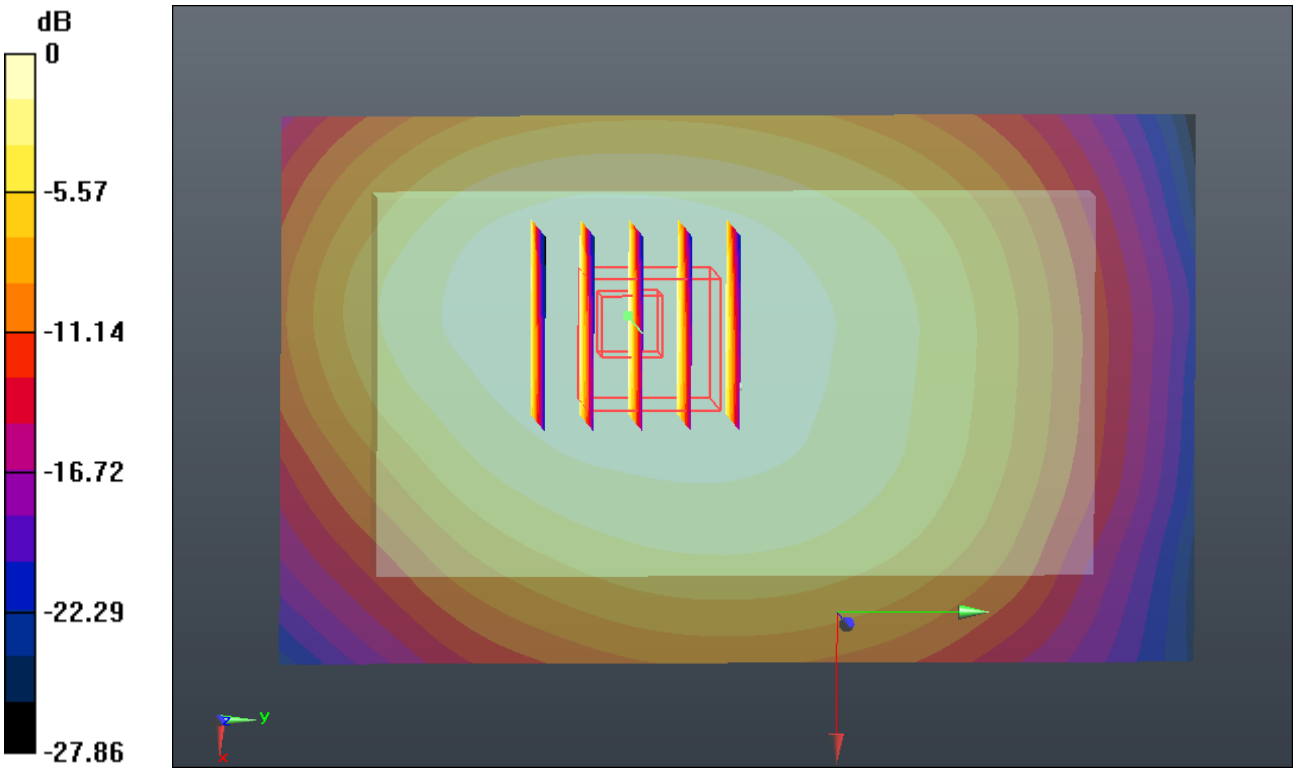
DUT: 2D2201

Communication System: UMTS; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_121223 Medium parameters used: f = 847 MHz; σ = 0.992 mho/m; ε_r = 54.341; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.457 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.701 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.525 W/kg
SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.292 mW/g
Maximum value of SAR (measured) = 0.462 mW/g



0 dB = 0.460mW/g

#38 WCDMA V_RMC12.2K_Back_1cm_Ch4233

DUT: 2D2201

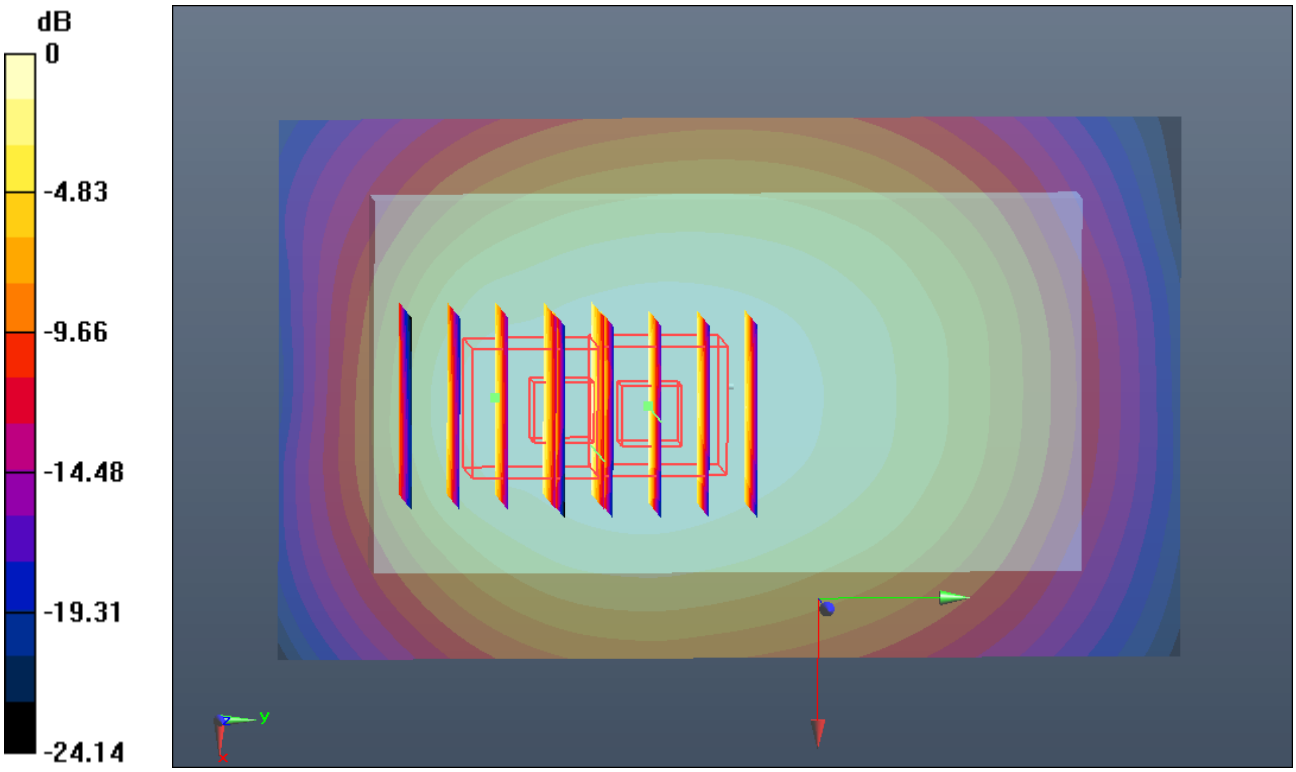
Communication System: UMTS; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_121223 Medium parameters used: f = 847 MHz; σ = 0.992 mho/m; ε_r = 54.341; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.607 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.637 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.710 W/kg
SAR(1 g) = 0.541 mW/g; SAR(10 g) = 0.398 mW/g
Maximum value of SAR (measured) = 0.633 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.637 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.681 W/kg
SAR(1 g) = 0.484 mW/g; SAR(10 g) = 0.320 mW/g
Maximum value of SAR (measured) = 0.602 mW/g



0 dB = 0.610mW/g

#38 WCDMA V_RMC12.2K_Back_1cm_Ch4233_2D

DUT: 2D2201

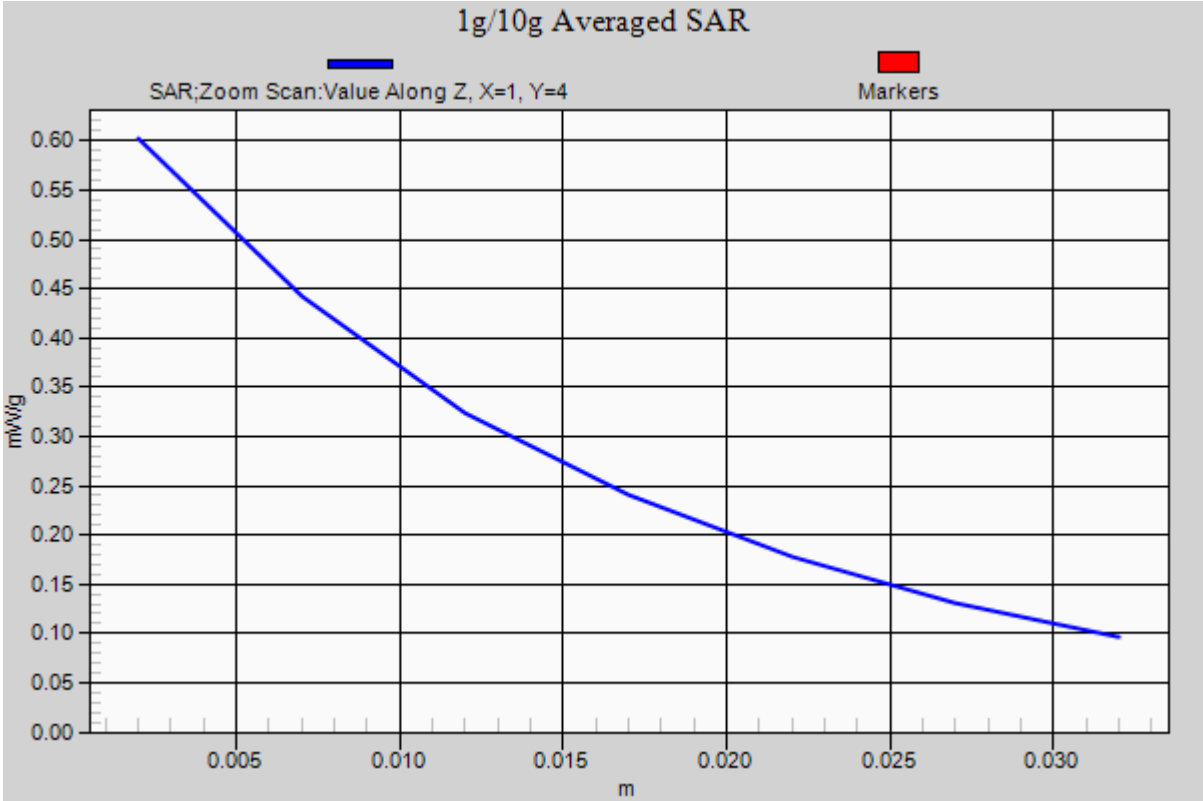
Communication System: UMTS; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_121223 Medium parameters used: f = 847 MHz; σ = 0.992 mho/m; ε_r = 54.341; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.607 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.637 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.710 W/kg
SAR(1 g) = 0.541 mW/g; SAR(10 g) = 0.398 mW/g
Maximum value of SAR (measured) = 0.633 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.637 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.681 W/kg
SAR(1 g) = 0.484 mW/g; SAR(10 g) = 0.320 mW/g
Maximum value of SAR (measured) = 0.602 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=1, Y=4
Markers
mW/g
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
m

#39 WCDMA V_RMC12.2K_Left Side_1cm_Ch4233

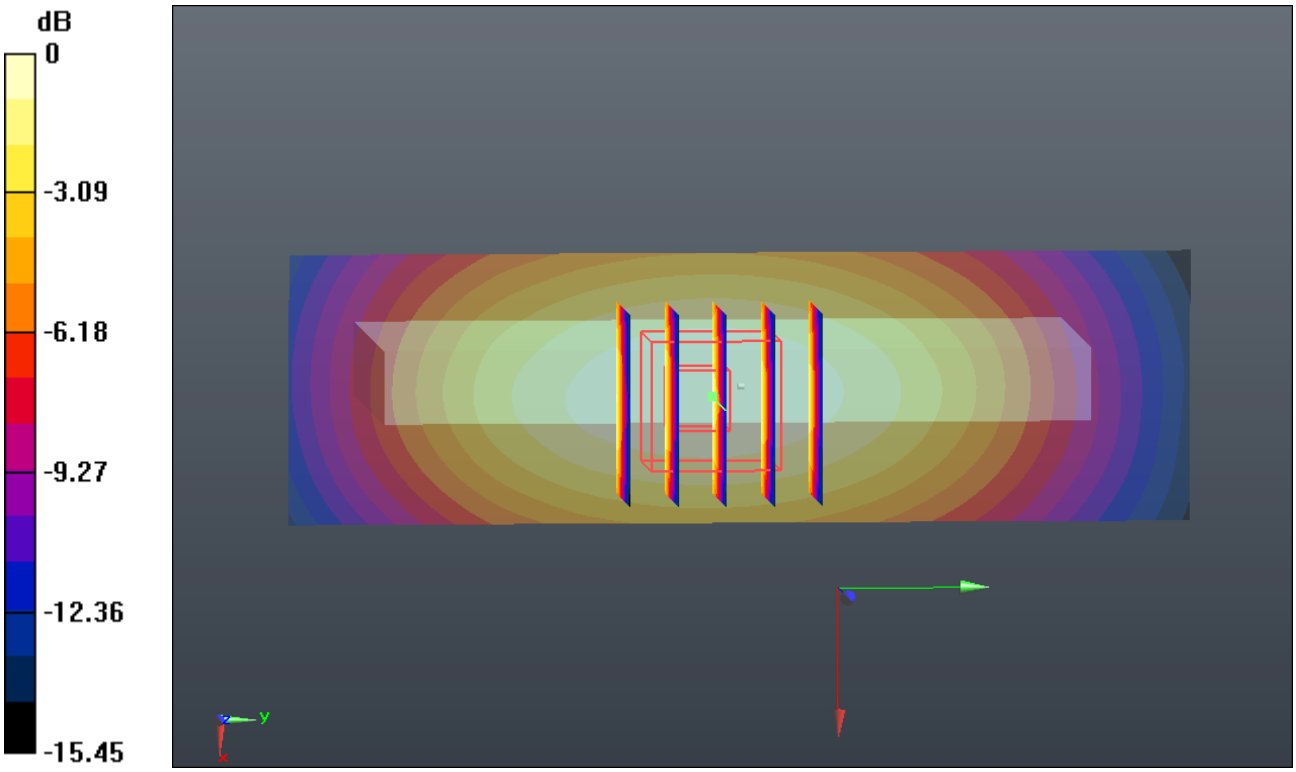
DUT: 2D2201

Communication System: UMTS; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_121223 Medium parameters used: f = 847 MHz; σ = 0.992 mho/m; ε_r = 54.341; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.443 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.777 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.539 W/kg
SAR(1 g) = 0.381 mW/g; SAR(10 g) = 0.260 mW/g
Maximum value of SAR (measured) = 0.469 mW/g



0 dB = 0.440mW/g

#40 WCDMA V_RMC12.2K_Right Side_1cm_Ch4233

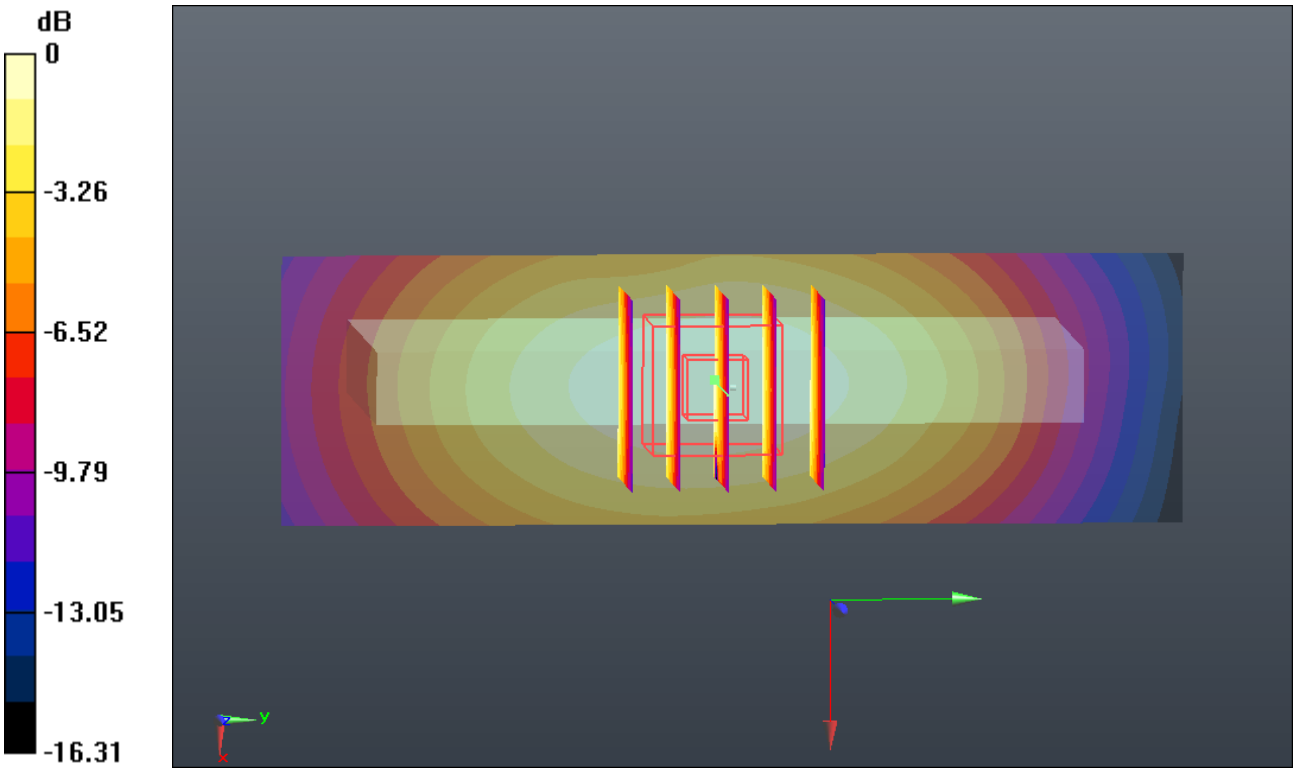
DUT: 2D2201

Communication System: UMTS; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_121223 Medium parameters used: f = 847 MHz; σ = 0.992 mho/m; ε_r = 54.341; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.387 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.404 V/m; Power Drift = -0.00024 dB
Peak SAR (extrapolated) = 0.439 W/kg
SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.219 mW/g
Maximum value of SAR (measured) = 0.382 mW/g



0 dB = 0.390mW/g

#41 WCDMA V_RMC12.2K_Bottom Side_1cm_Ch4233

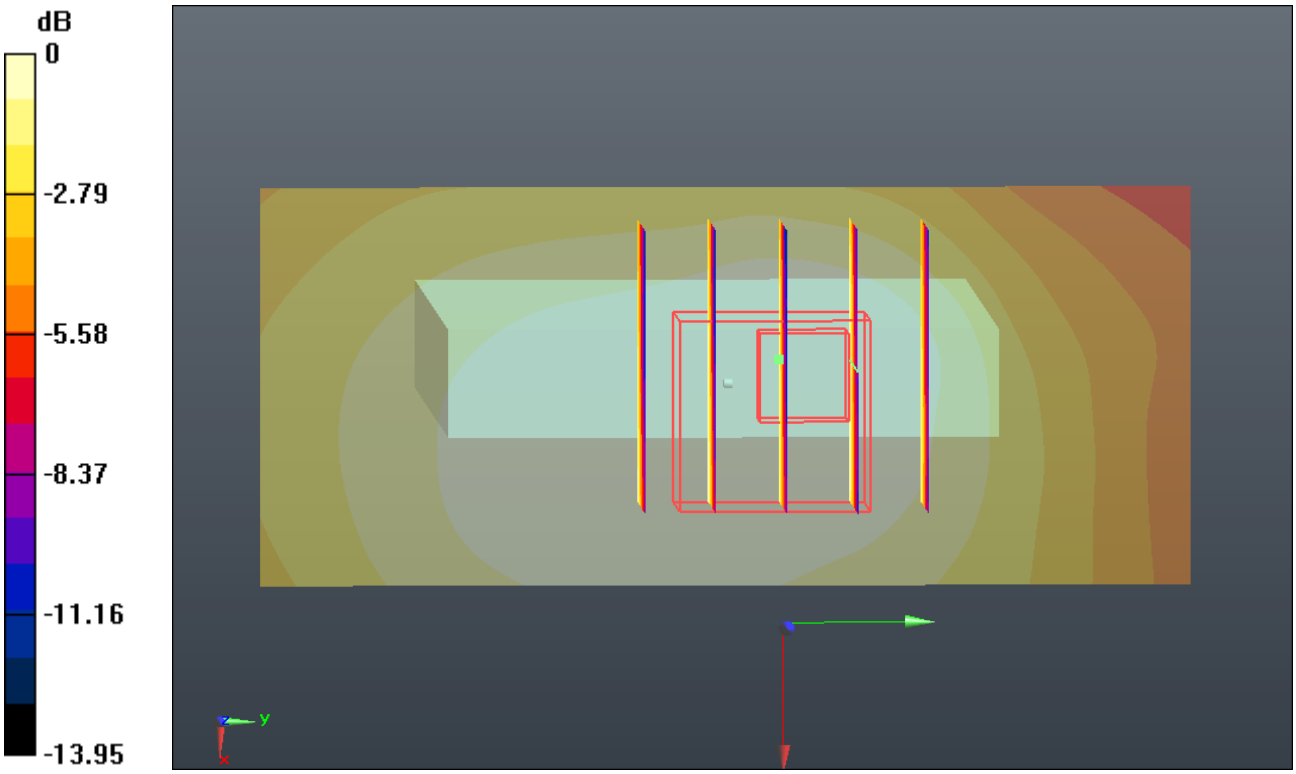
DUT: 2D2201

Communication System: UMTS; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_121223 Medium parameters used: f = 847 MHz; σ = 0.992 mho/m; ε_r = 54.341; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.046 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.876 V/m; Power Drift = -0.082 dB
Peak SAR (extrapolated) = 0.070 W/kg
SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.028 mW/g
Maximum value of SAR (measured) = 0.042 mW/g



0 dB = 0.040mW/g

#47 WCDMA II_RMC12.2K_Front_1cm_Ch9400

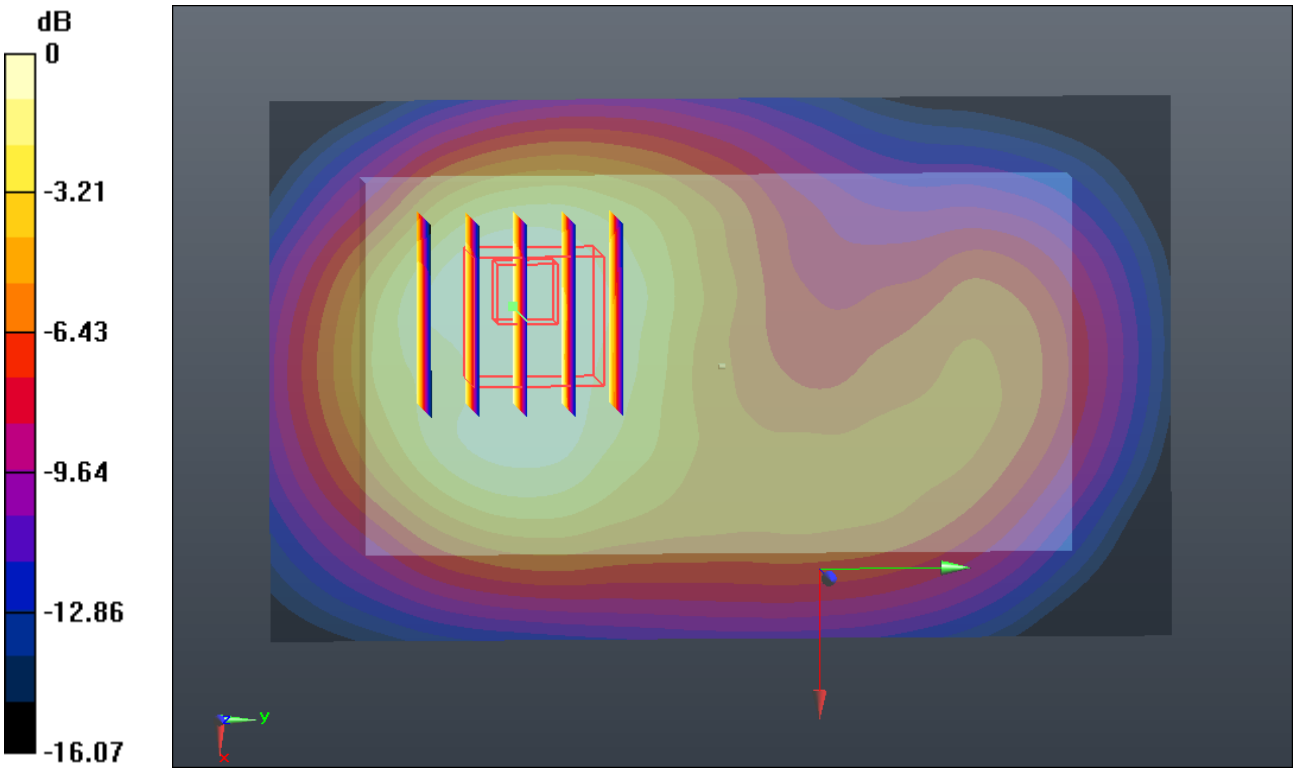
DUT: 2D2201

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_121225 Medium parameters used: f = 1880 MHz; σ = 1.525 mho/m; ε_r = 53.405; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.159 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.664 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.359 W/kg
SAR(1 g) = 0.817 mW/g; SAR(10 g) = 0.491 mW/g
Maximum value of SAR (measured) = 1.065 mW/g
.



0 dB = 1.060mW/g

#48 WCDMA II_RMC12.2K_Back_1cm_Ch9400

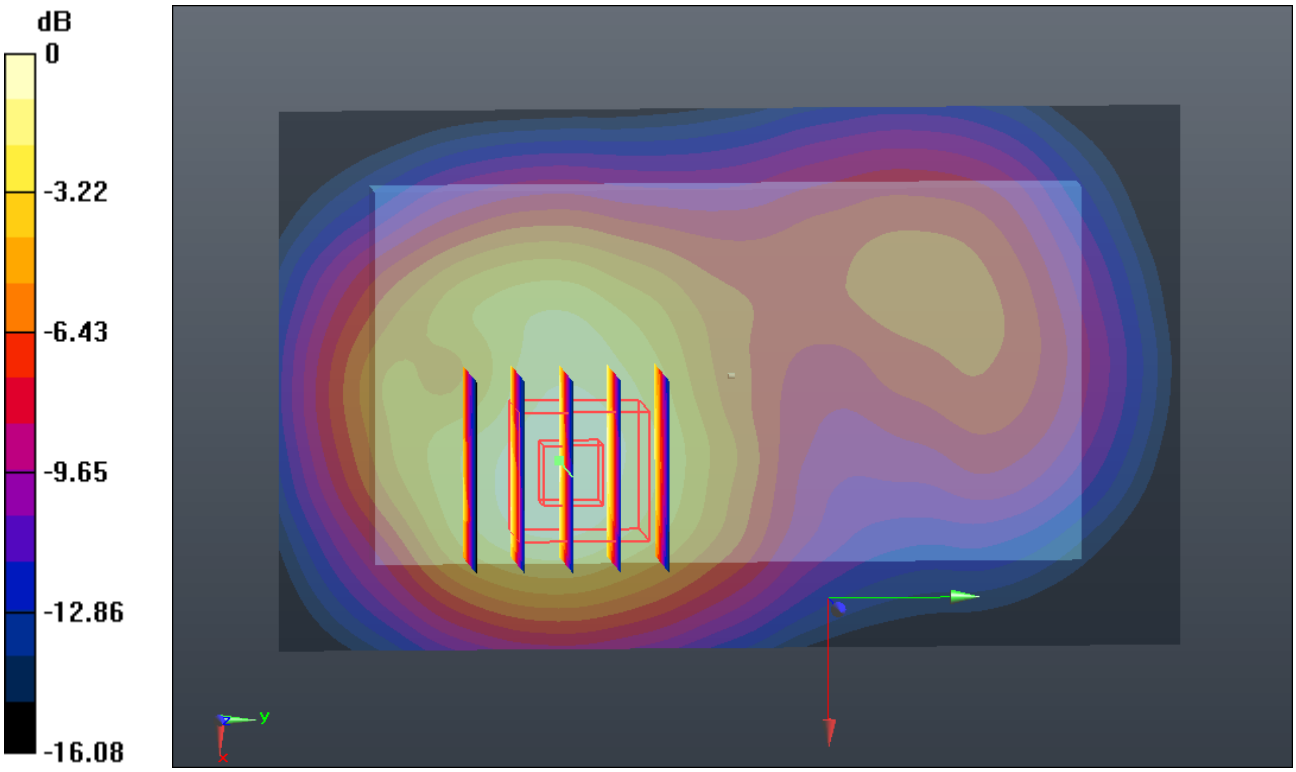
DUT: 2D2201

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_121225 Medium parameters used: f = 1880 MHz; σ = 1.525 mho/m; ε_r = 53.405; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.480 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.766 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.813 W/kg
SAR(1 g) = 1.100 mW/g; SAR(10 g) = 0.632 mW/g
Maximum value of SAR (measured) = 1.457 mW/g



0 dB = 1.460mW/g

#49 WCDMA II_RMC12.2K_Left Side_1cm_Ch9400

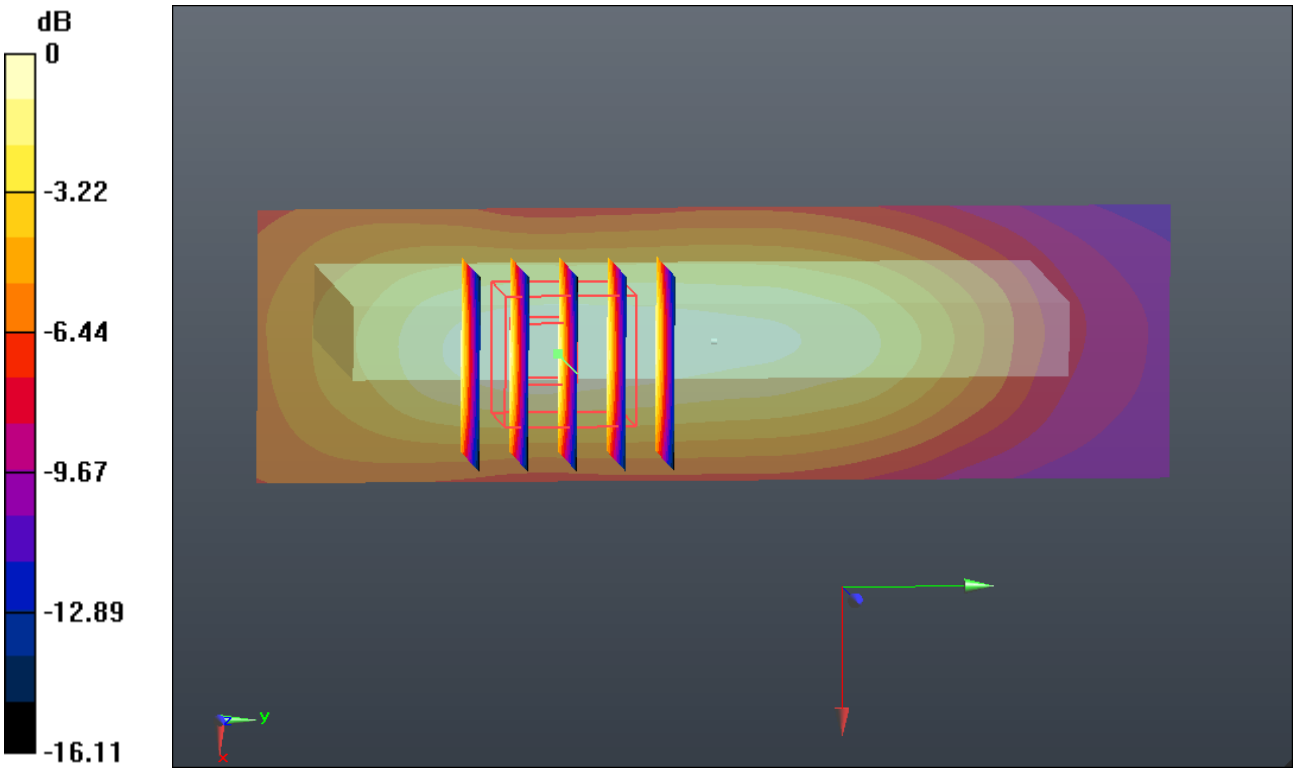
DUT: 2D2201

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_121225 Medium parameters used: f = 1880 MHz; σ = 1.525 mho/m; ε_r = 53.405; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.366 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.947 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.444 W/kg
SAR(1 g) = 0.265 mW/g; SAR(10 g) = 0.151 mW/g
Maximum value of SAR (measured) = 0.358 mW/g



0 dB = 0.360mW/g

#50 WCDMA II_RMC12.2K_Right Side_1cm_Ch9400

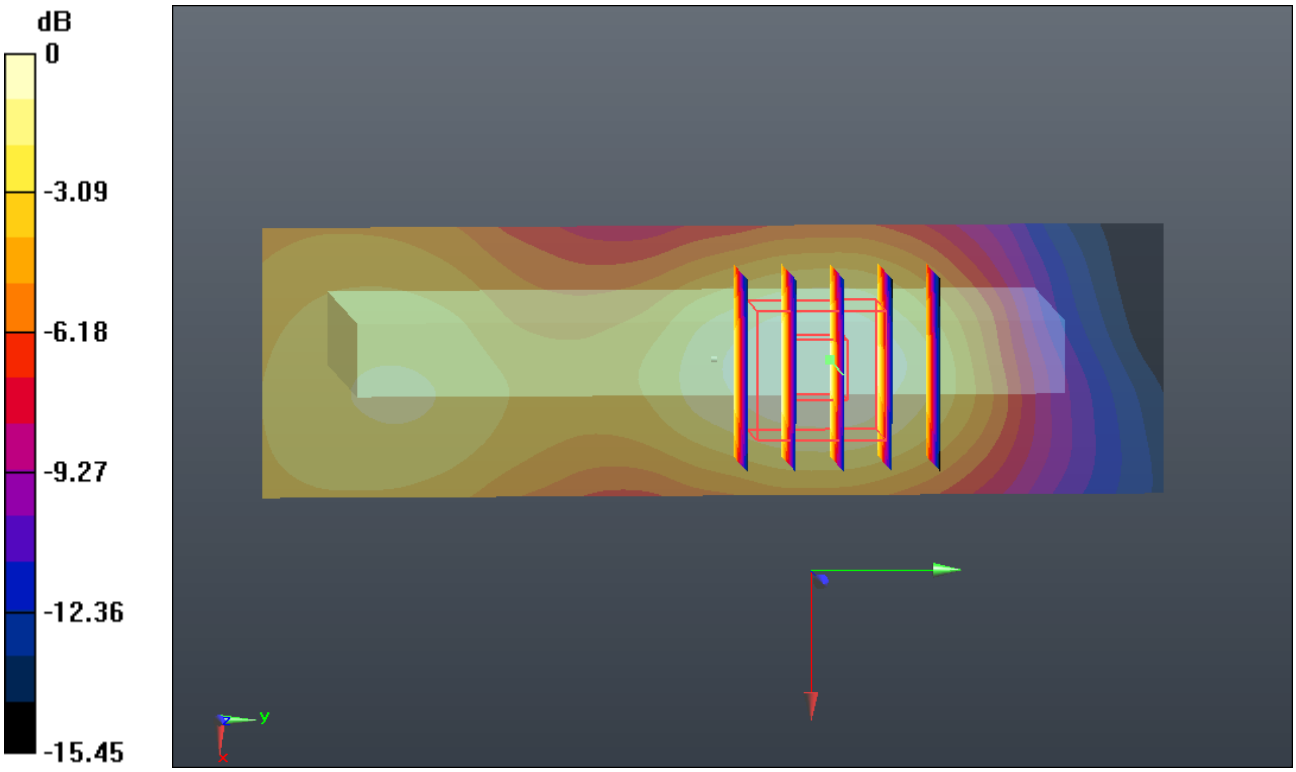
DUT: 2D2201

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_121225 Medium parameters used: f = 1880 MHz; σ = 1.525 mho/m; ε_r = 53.405; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.297 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.905 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.344 W/kg
SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.125 mW/g
Maximum value of SAR (measured) = 0.281 mW/g



0 dB = 0.280mW/g

#51 WCDMA II_RMC12.2K_Bottom Side_1cm_Ch9400

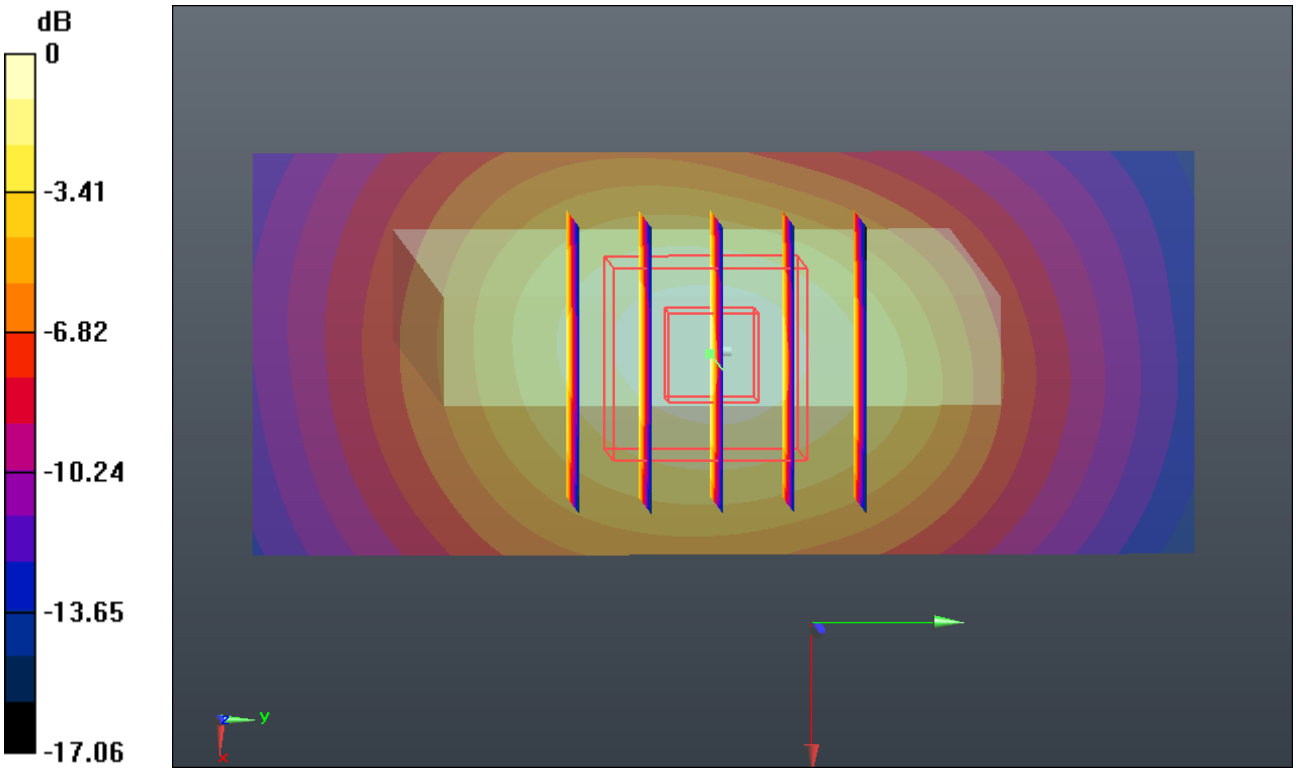
DUT: 2D2201

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_121225 Medium parameters used: f = 1880 MHz; σ = 1.525 mho/m; ε_r = 53.405; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.813 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.527 V/m; Power Drift = 0.009 dB
Peak SAR (extrapolated) = 1.046 W/kg
SAR(1 g) = 0.627 mW/g; SAR(10 g) = 0.351 mW/g
Maximum value of SAR (measured) = 0.859 mW/g



0 dB = 0.860mW/g

#52 WCDMA II_RMC12.2K_Front_1cm_Ch9262

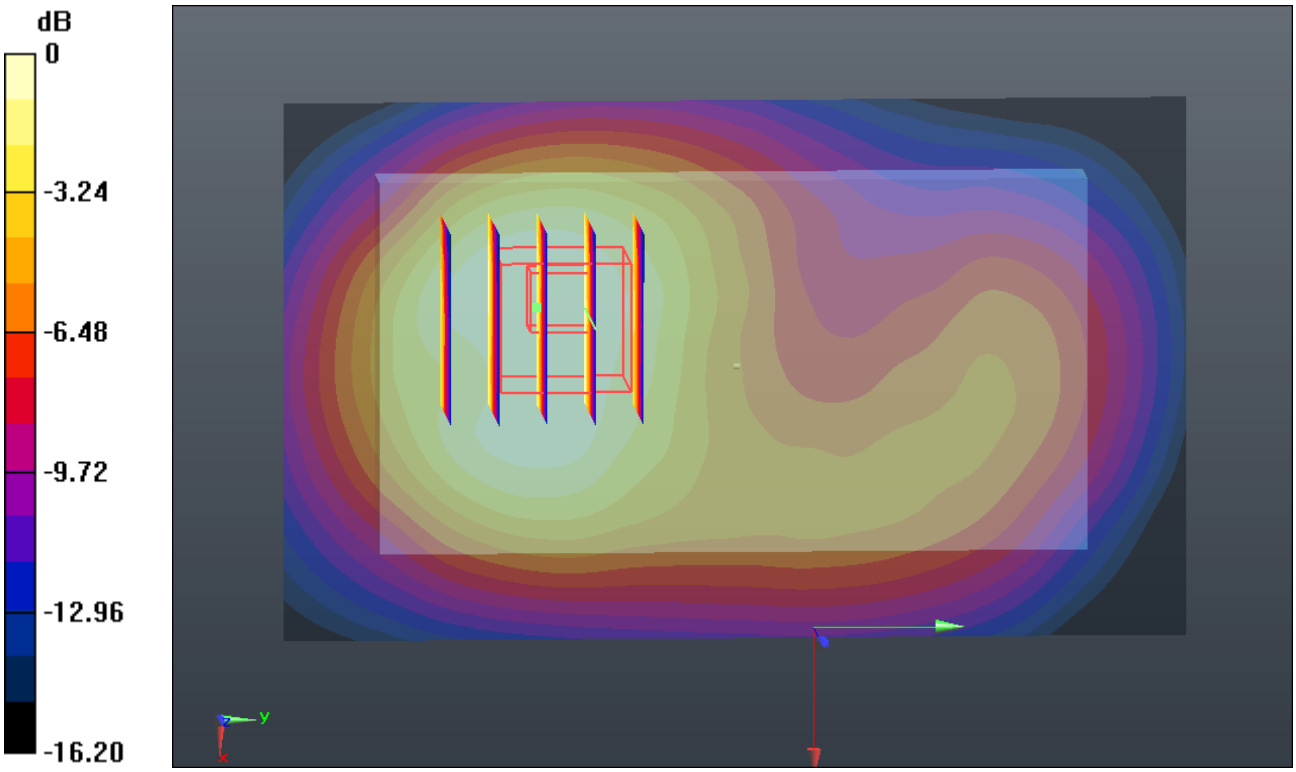
DUT: 2D2201

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_121225 Medium parameters used: f = 1852.4 MHz; σ = 1.492 mho/m; ε_r = 53.467; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.272 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.902 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.433 W/kg
SAR(1 g) = 0.877 mW/g; SAR(10 g) = 0.523 mW/g
Maximum value of SAR (measured) = 1.145 mW/g



0 dB = 1.150mW/g

#53 WCDMA II_RMC12.2K_Front_1cm_Ch9538

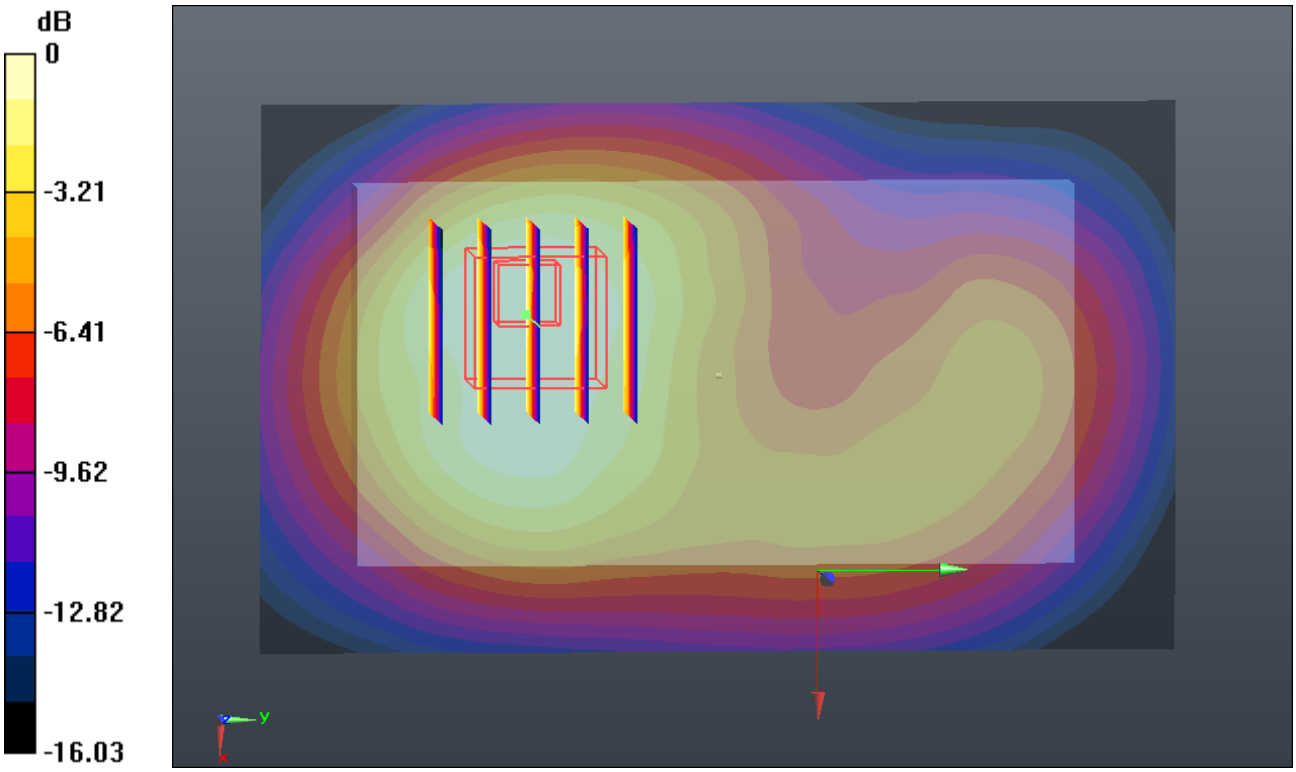
DUT: 2D2201

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_121225 Medium parameters used: f = 1908 MHz; σ = 1.558 mho/m; ε_r = 53.331; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.138 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.523 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.339 W/kg
SAR(1 g) = 0.796 mW/g; SAR(10 g) = 0.475 mW/g
Maximum value of SAR (measured) = 1.048 mW/g



0 dB = 1.050mW/g

#54 WCDMA II_RMC12.2K_Back_1cm_Ch9262

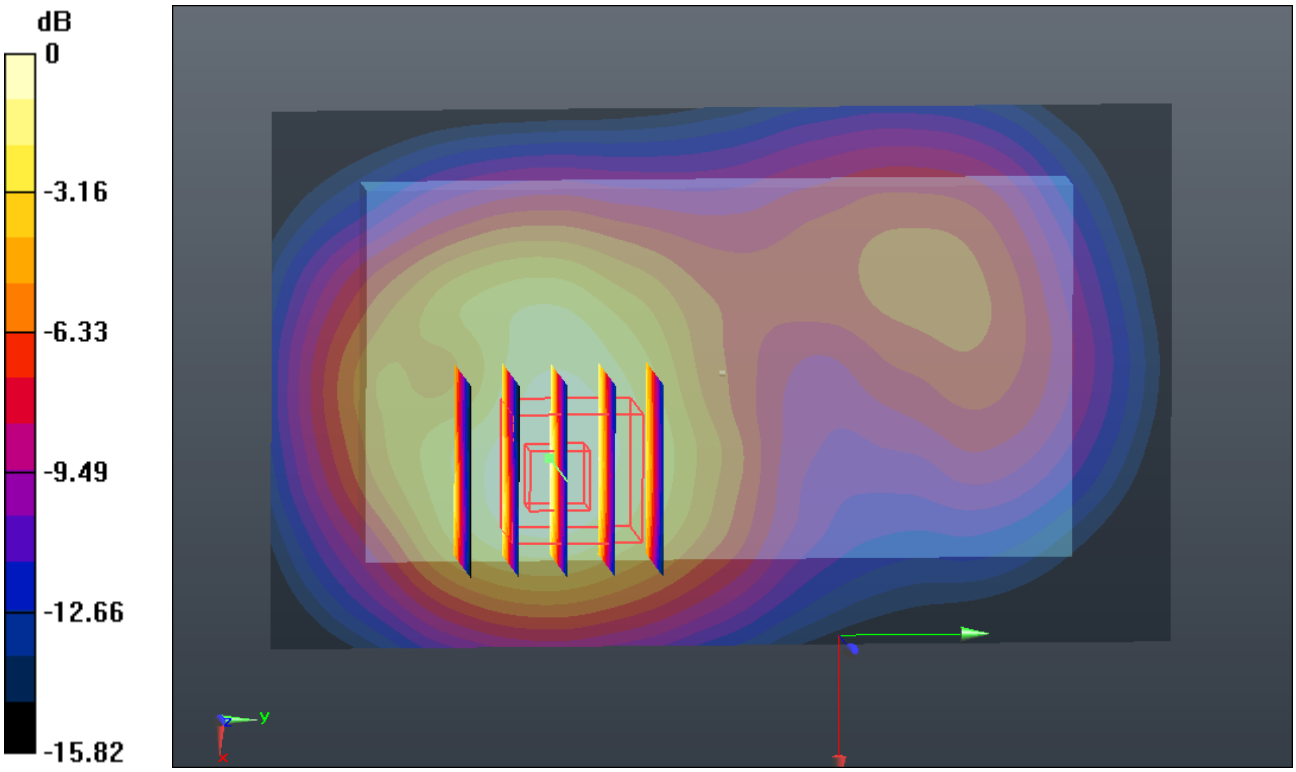
DUT: 2D2201

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_121225 Medium parameters used: f = 1852.4 MHz; σ = 1.492 mho/m; ε_r = 53.467; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.668 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.841 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.987 W/kg
SAR(1 g) = 1.230 mW/g; SAR(10 g) = 0.704 mW/g
Maximum value of SAR (measured) = 1.594 mW/g



0 dB = 1.590mW/g

#54 WCDMA II_RMC12.2K_Back_1cm_Ch9262_2D

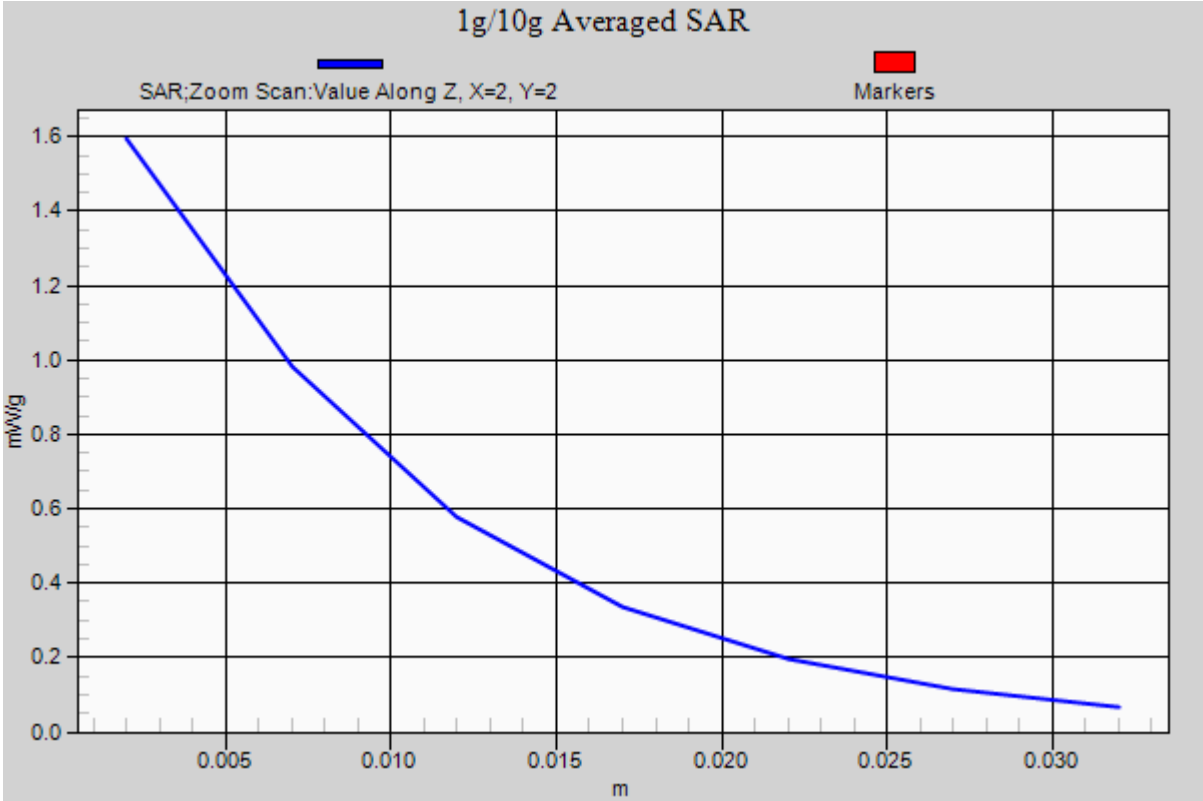
DUT: 2D2201

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_121225 Medium parameters used: f = 1852.4 MHz; σ = 1.492 mho/m; ε_r = 53.467; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.668 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.841 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.987 W/kg
SAR(1 g) = 1.230 mW/g; SAR(10 g) = 0.704 mW/g
Maximum value of SAR (measured) = 1.594 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
1.6
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
m

#59 WCDMA II_RMC12.2K_Back_1cm_Ch9262_Repeat

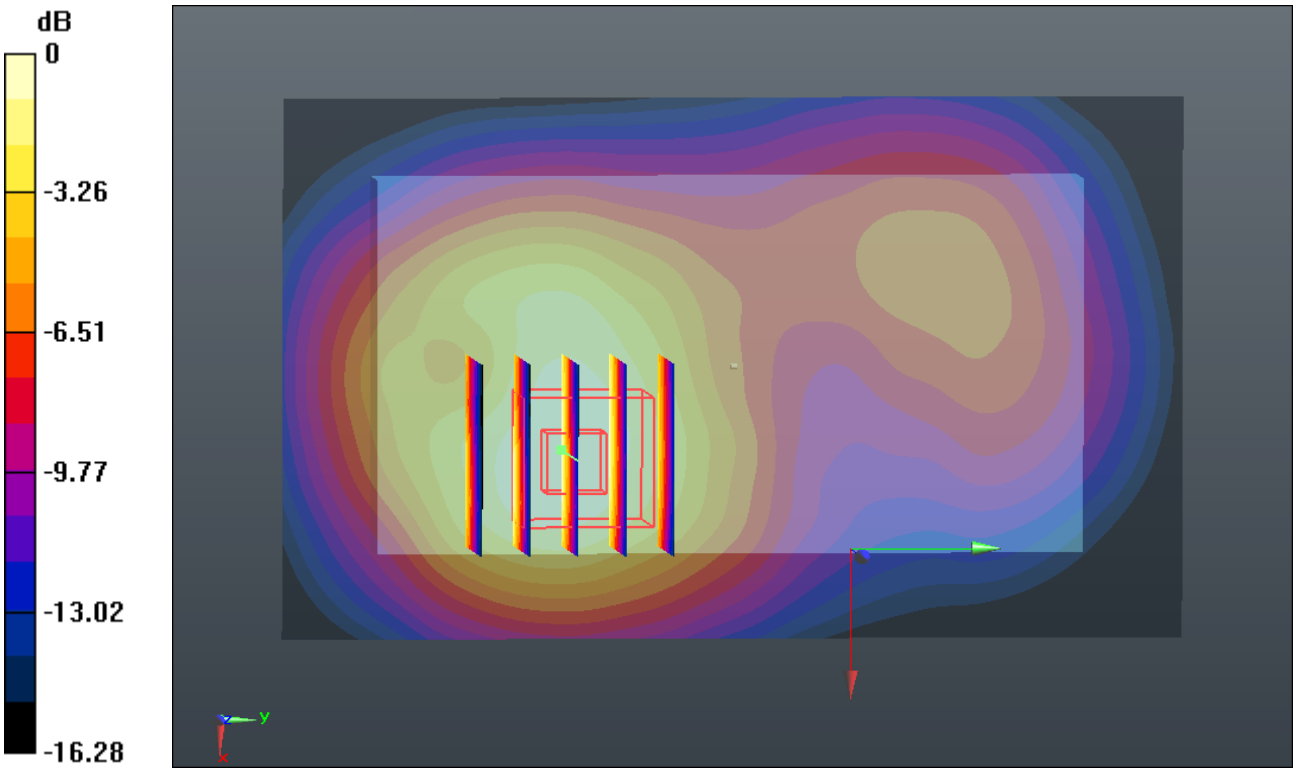
DUT: 2D2201

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_121225 Medium parameters used: f = 1852.4 MHz; σ = 1.492 mho/m; ε_r = 53.467; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.618 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.664 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.912 W/kg
SAR(1 g) = 1.170 mW/g; SAR(10 g) = 0.671 mW/g
Maximum value of SAR (measured) = 1.561 mW/g



0 dB = 1.560mW/g

#55 WCDMA II_RMC12.2K_Back_1cm_Ch9538

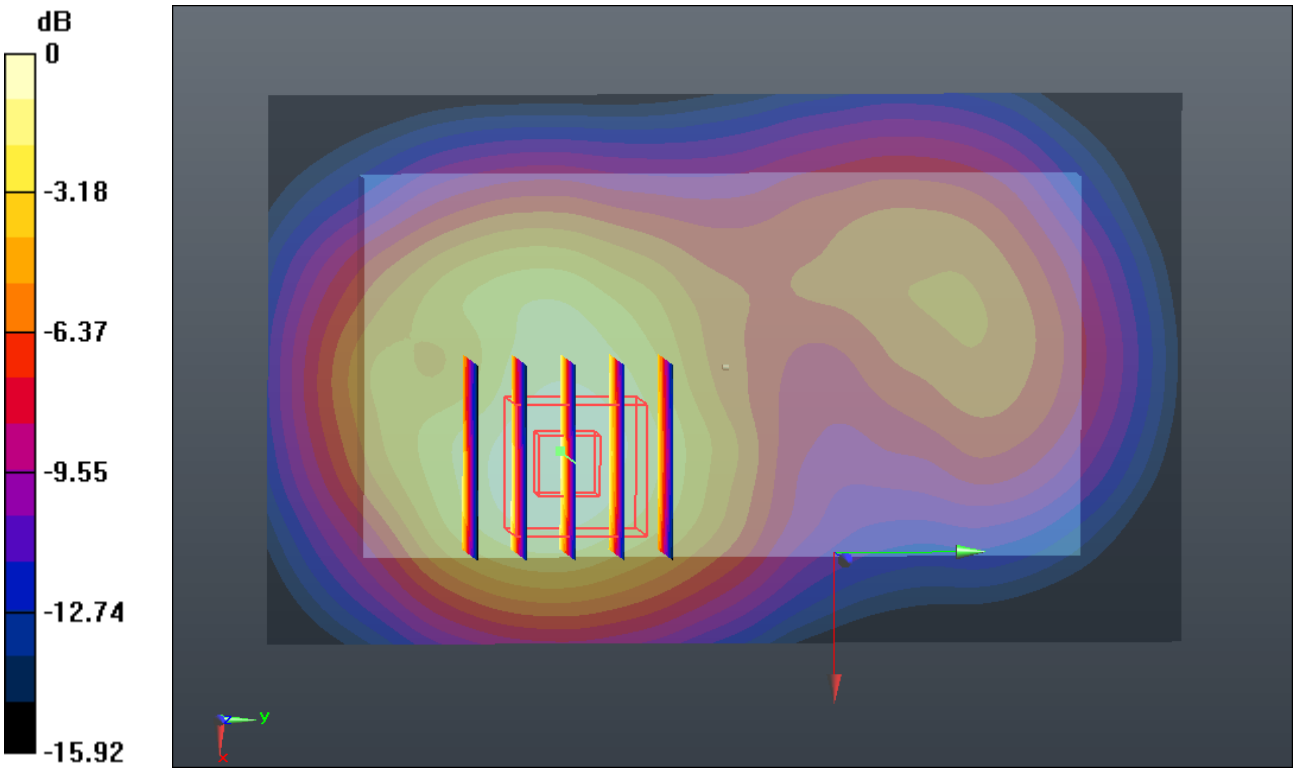
DUT: 2D2201

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_121225 Medium parameters used: f = 1908 MHz; σ = 1.558 mho/m; ε_r = 53.331; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.446 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.387 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.778 W/kg
SAR(1 g) = 1.070 mW/g; SAR(10 g) = 0.613 mW/g
Maximum value of SAR (measured) = 1.437 mW/g



0 dB = 1.440mW/g

#56 WCDMA II_RMC12.2K_Back_1cm_Ch9262_Headset

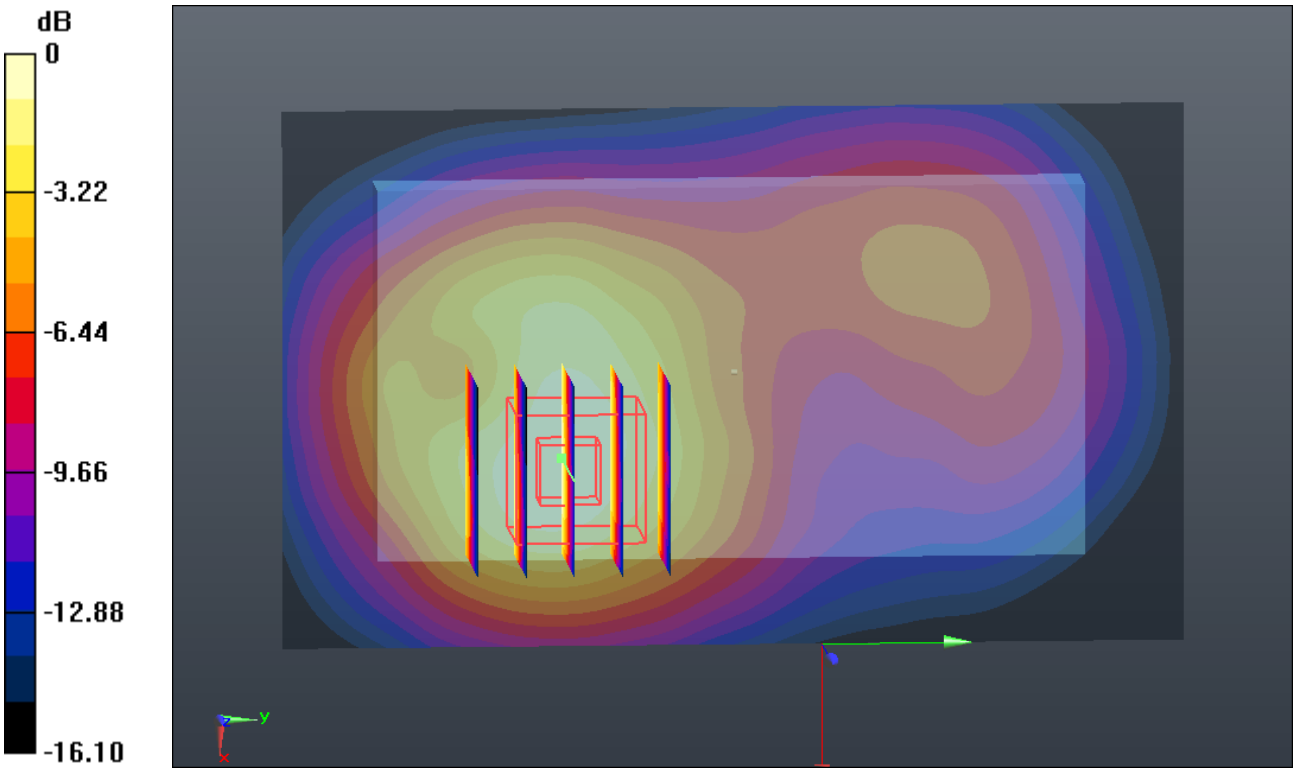
DUT: 2D2201

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_121225 Medium parameters used: f = 1852.4 MHz; σ = 1.492 mho/m; ε_r = 53.467; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.646 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.853 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.958 W/kg
SAR(1 g) = 1.190 mW/g; SAR(10 g) = 0.684 mW/g
Maximum value of SAR (measured) = 1.603 mW/g



0 dB = 1.600mW/g

#57 WCDMA II_RMC12.2K_Back_1cm_Ch9400_Headset

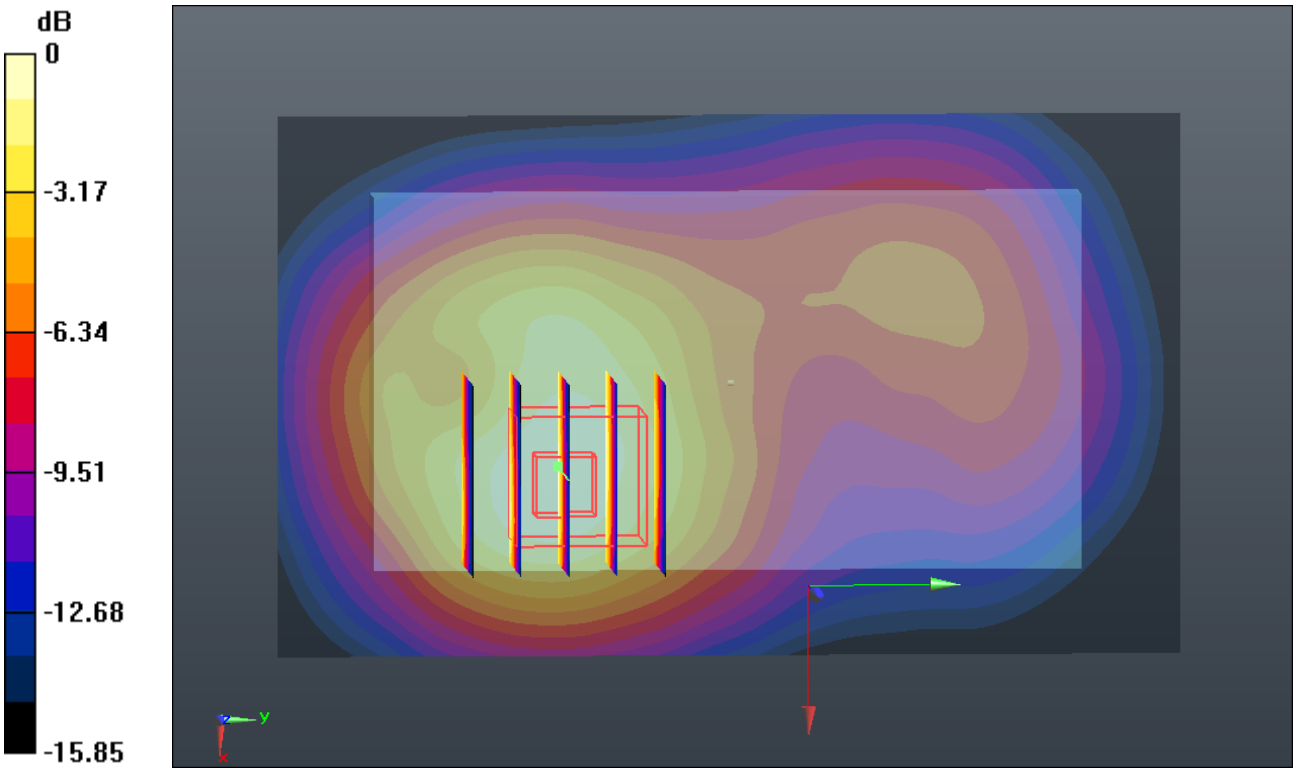
DUT: 2D2201

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_121225 Medium parameters used: f = 1880 MHz; σ = 1.525 mho/m; ε_r = 53.405; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.476 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.924 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.802 W/kg
SAR(1 g) = 1.100 mW/g; SAR(10 g) = 0.627 mW/g
Maximum value of SAR (measured) = 1.454 mW/g



0 dB = 1.450mW/g

#58 WCDMA II_RMC12.2K_Back_1cm_Ch9538_Headset

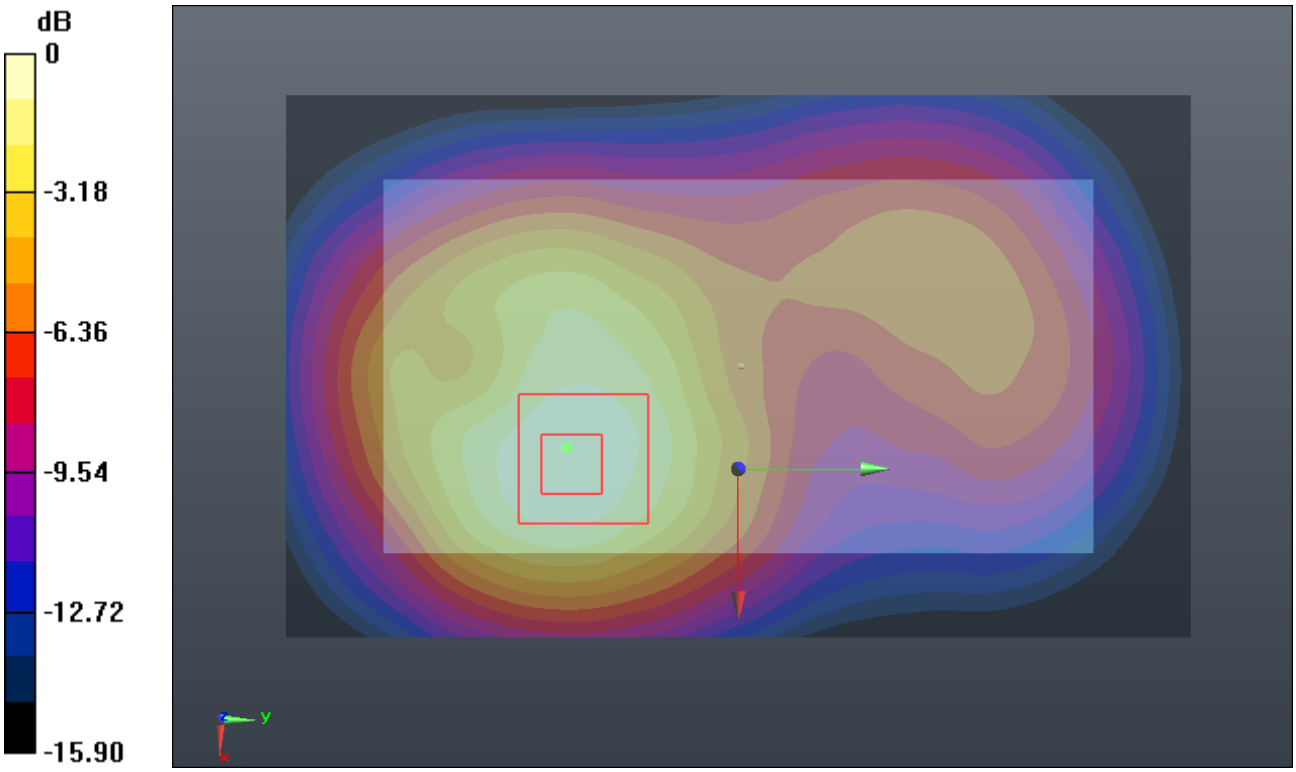
DUT: 2D2201

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_121225 Medium parameters used: f = 1908 MHz; σ = 1.558 mho/m; ε_r = 53.331; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.479 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.623 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.822 W/kg
SAR(1 g) = 1.100 mW/g; SAR(10 g) = 0.623 mW/g
Maximum value of SAR (measured) = 1.454 mW/g



0 dB = 1.450mW/g

#60 802.11b_Front 1cm_Ch11

DUT: 2D2201

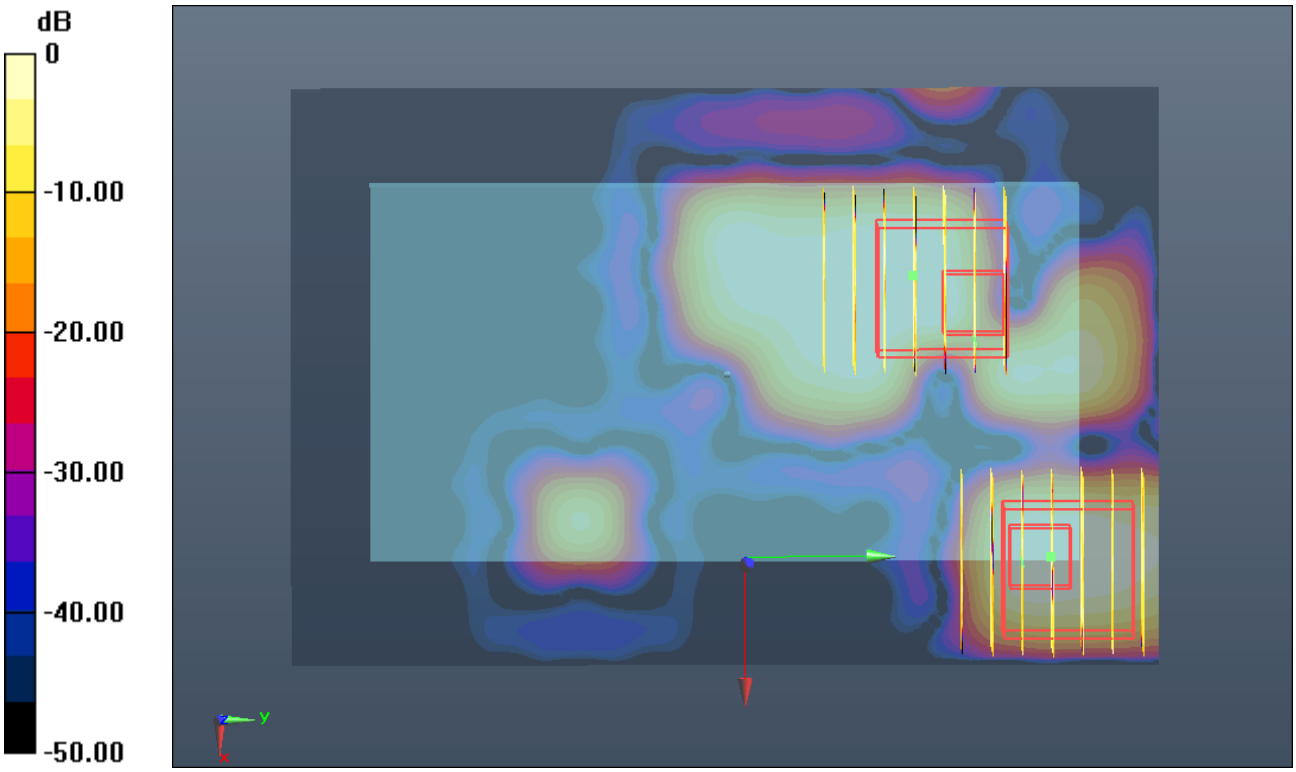
Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_121226 Medium parameters used: f = 2462 MHz; σ = 2.015 mho/m; ε_r = 54.25; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x121x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.018 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.835 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.043 W/kg
SAR(1 g) = 0.010 mW/g; SAR(10 g) = 0.00407 mW/g
Maximum value of SAR (measured) = 0.012 mW/g

Configuration/Ch11/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.835 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.021 W/kg
SAR(1 g) = 0.00492 mW/g; SAR(10 g) = 0.00166 mW/g
Maximum value of SAR (measured) = 0.00747 mW/g



0 dB = 0.0075mW/g

#61 802.11b_Back 1cm_Ch11

DUT: 2D2201

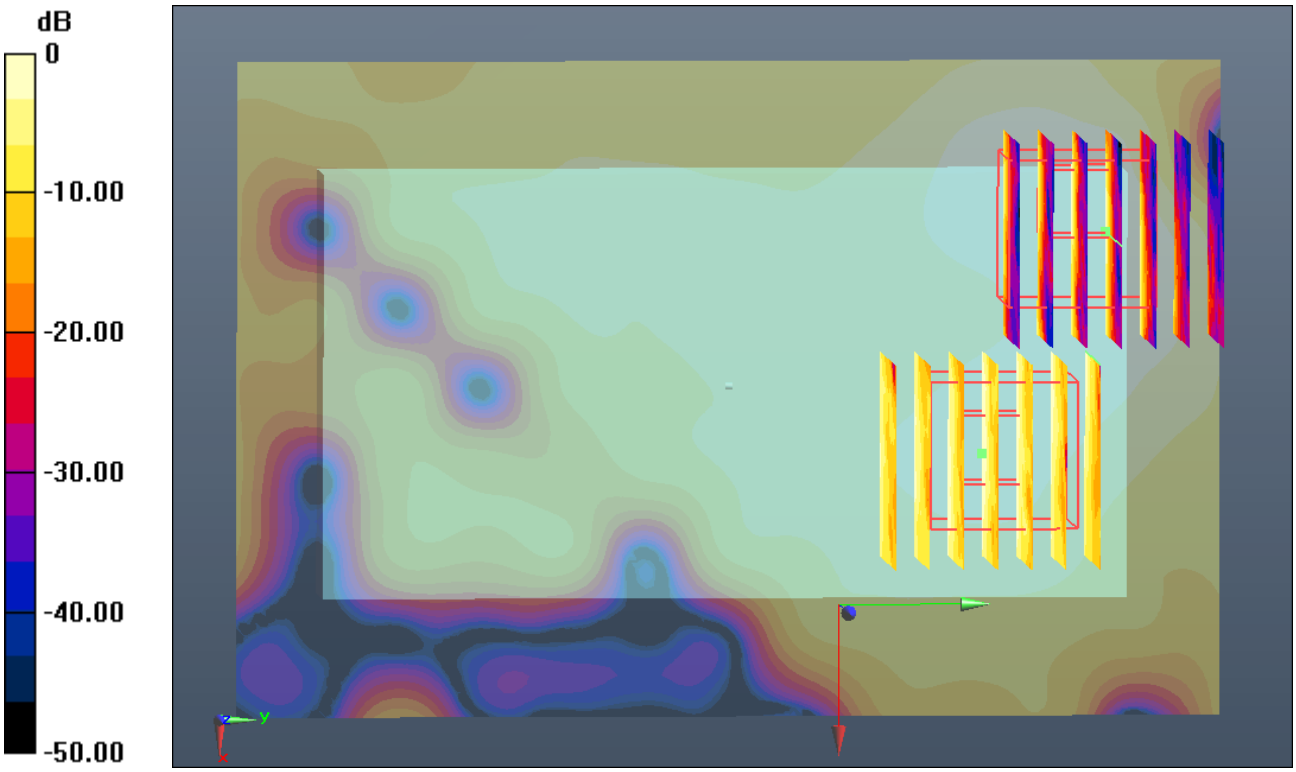
Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_121226 Medium parameters used: f = 2462 MHz; σ = 2.015 mho/m; ε_r = 54.25; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x121x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.033 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.286 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.055 W/kg
SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.015 mW/g
Maximum value of SAR (measured) = 0.032 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.286 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.046 W/kg
SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.012 mW/g
Maximum value of SAR (measured) = 0.024 mW/g



0 dB = 0.030mW/g

#61 802.11b_Back 1cm_Ch11_2D

DUT: 2D2201

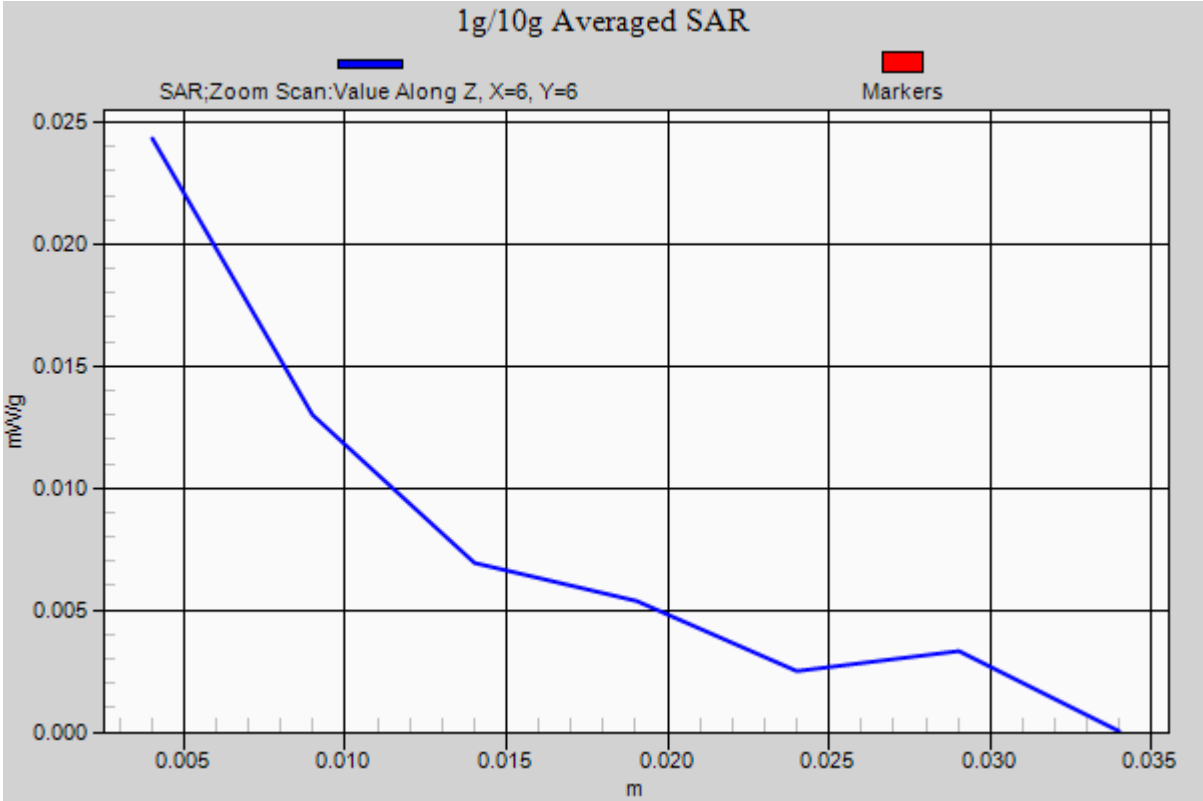
Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_121226 Medium parameters used: f = 2462 MHz; σ = 2.015 mho/m; ε_r = 54.25; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x121x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.033 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.286 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.055 W/kg
SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.015 mW/g
Maximum value of SAR (measured) = 0.032 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.286 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.046 W/kg
SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.012 mW/g
Maximum value of SAR (measured) = 0.024 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=6, Y=6
Markers
mW/g
0.025
0.020
0.015
0.010
0.005
0.000
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#62 802.11b_Right Side 1cm_Ch11

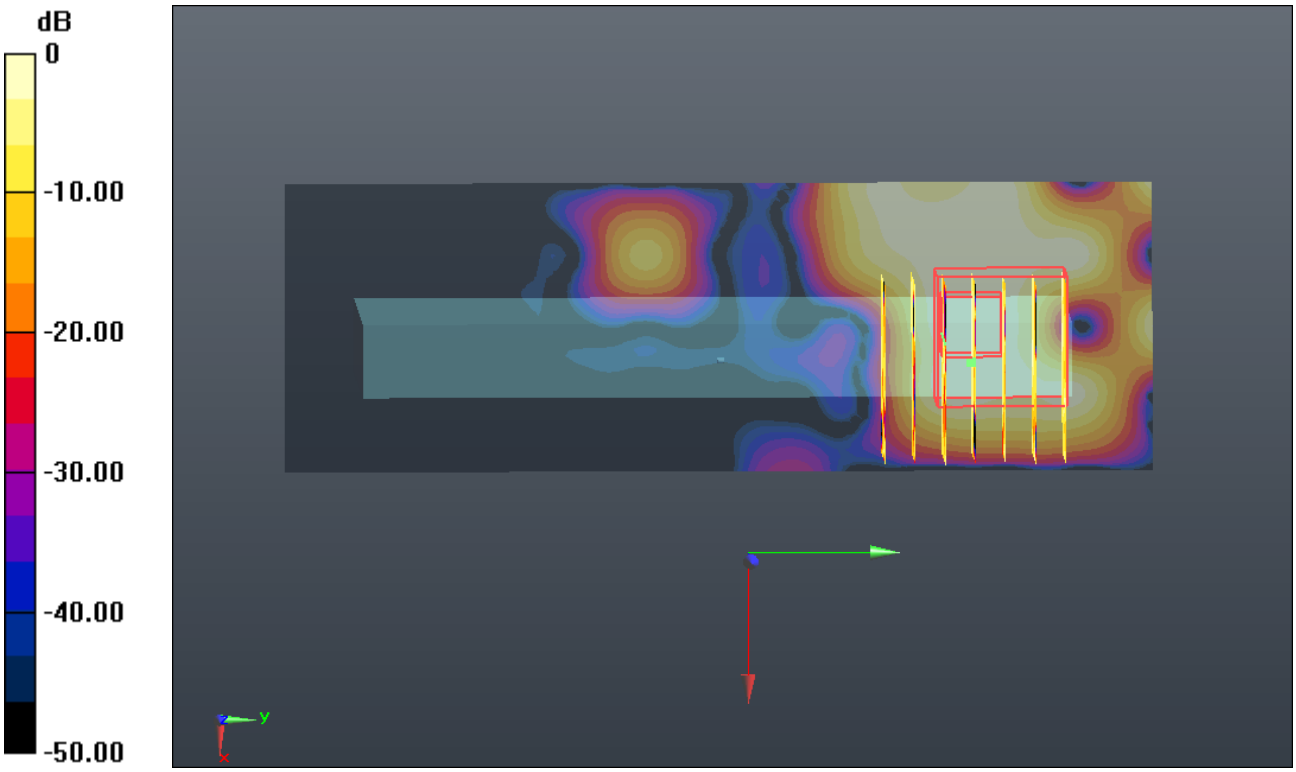
DUT: 2D2201

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_121226 Medium parameters used: f = 2462 MHz; σ = 2.015 mho/m; ε_r = 54.25; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (41x121x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.010 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.810 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.020 W/kg
SAR(1 g) = 0.00447 mW/g; SAR(10 g) = 0.00167 mW/g
Maximum value of SAR (measured) = 0.00615 mW/g



0 dB = 0.0062mW/g

#63 802.11b_Top Side 1cm_Ch11

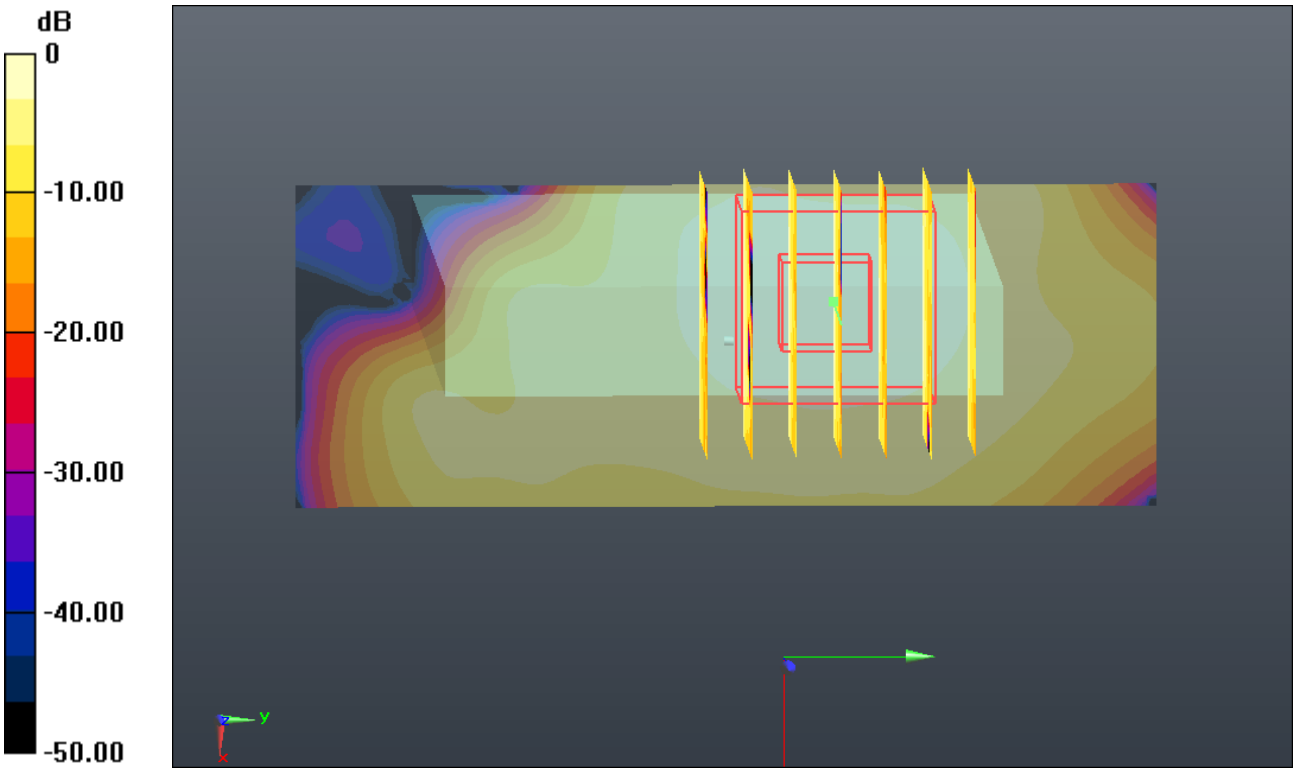
DUT: 2D2201

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_121226 Medium parameters used: f = 2462 MHz; σ = 2.015 mho/m; ε_r = 54.25; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (31x81x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.016 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.352 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.028 W/kg
SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00713 mW/g
Maximum value of SAR (measured) = 0.016 mW/g



0 dB = 0.020mW/g

#64 802.11b_Back 1cm_Ch11_Headset

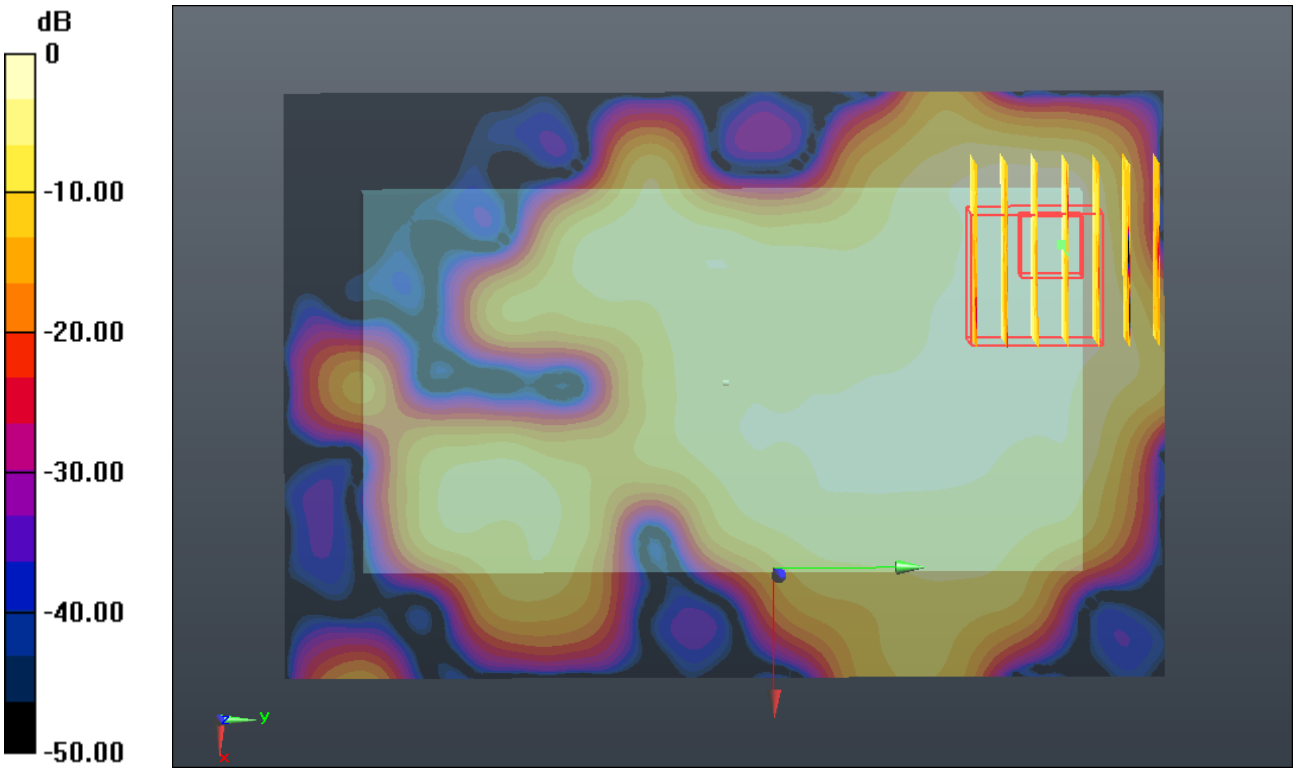
DUT: 2D2201

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_121226 Medium parameters used: f = 2462 MHz; σ = 2.015 mho/m; ε_r = 54.25; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x121x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.037 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.271 V/m; Power Drift = 0.021 dB
Peak SAR (extrapolated) = 0.040 W/kg
SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.012 mW/g
Maximum value of SAR (measured) = 0.029 mW/g



0 dB = 0.030mW/g

#44 GSM850_GSM_Back_1cm_Ch251

DUT: 2D2201

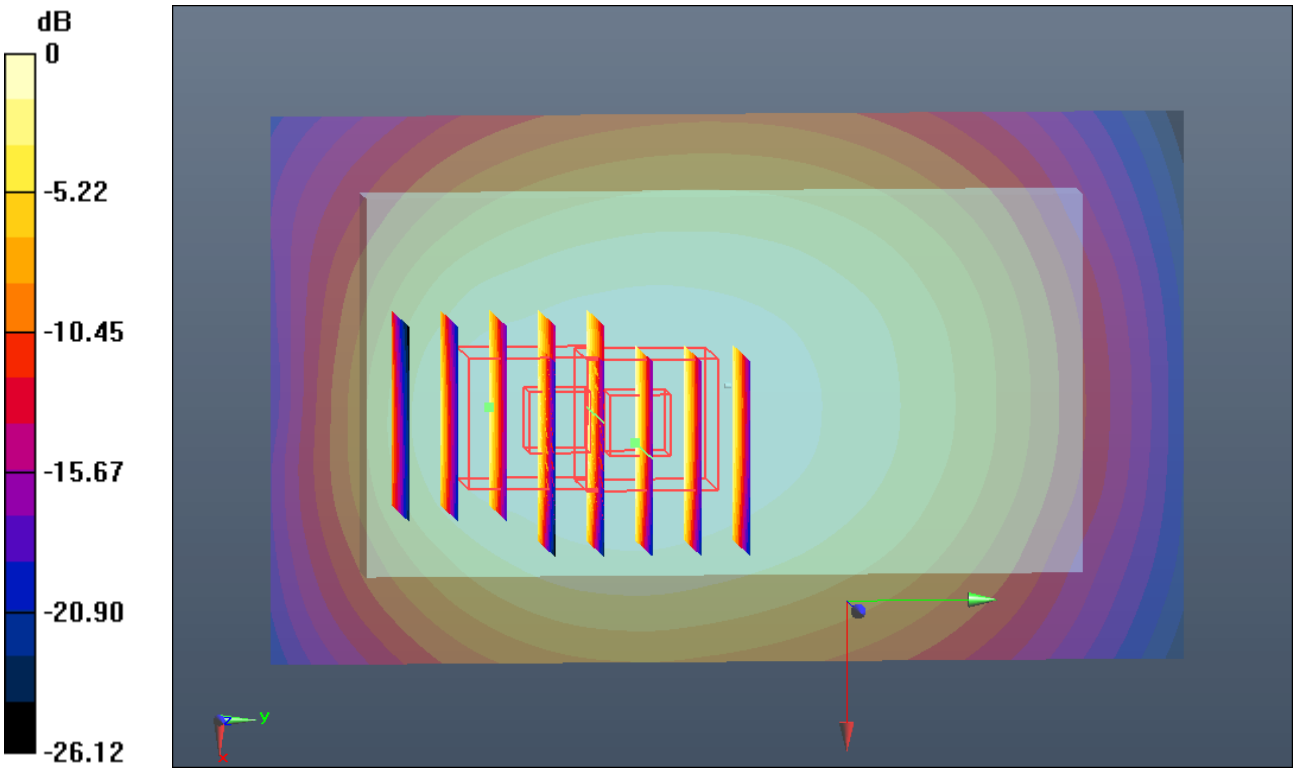
Communication System: General GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: MSL_835_121223 Medium parameters used: f = 849 MHz; σ = 0.994 mho/m; ε_r = 54.316; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.492 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.981 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.540 W/kg
SAR(1 g) = 0.419 mW/g; SAR(10 g) = 0.308 mW/g
Maximum value of SAR (measured) = 0.485 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.981 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.537 W/kg
SAR(1 g) = 0.385 mW/g; SAR(10 g) = 0.258 mW/g
Maximum value of SAR (measured) = 0.480 mW/g



0 dB = 0.490mW/g

#45 GSM1900_GSM_Back_1cm_Ch512

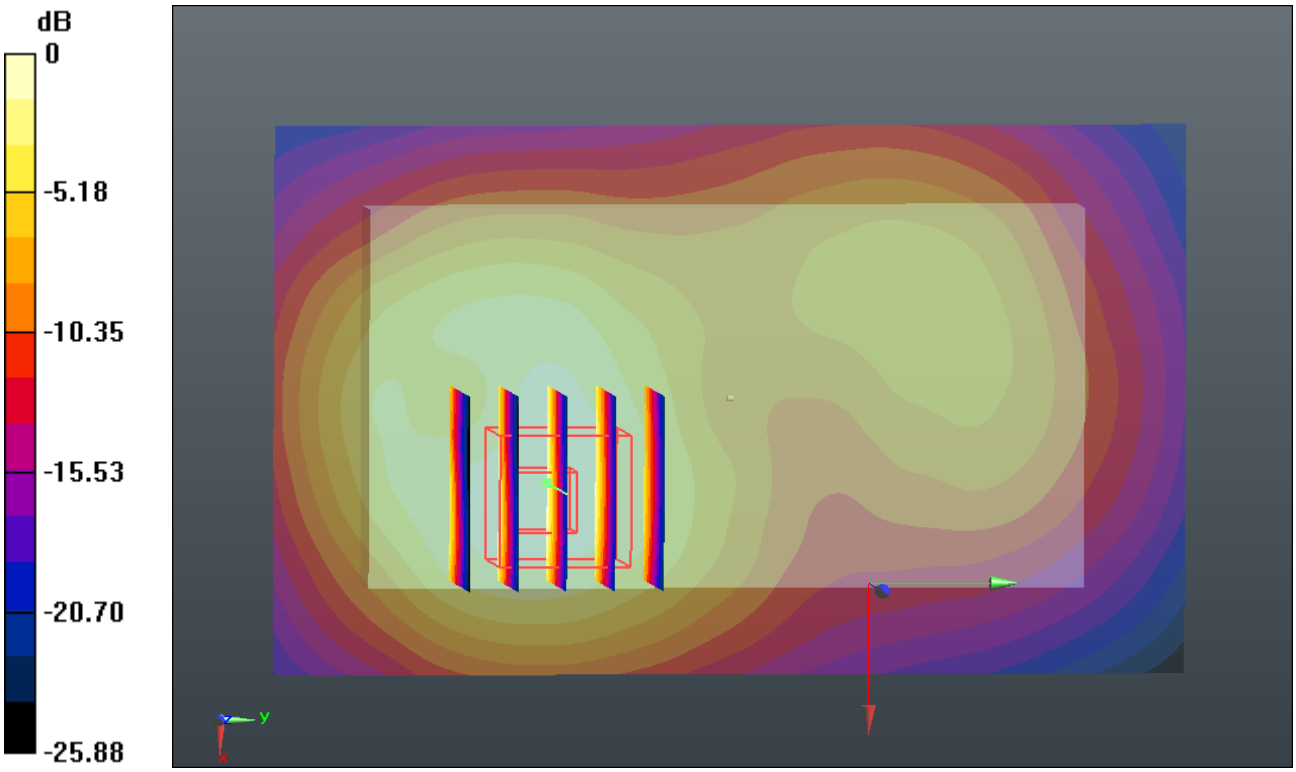
DUT: 2D2201

Communication System: General GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_121225 Medium parameters used: f = 1850.2 MHz; σ = 1.489 mho/m; ε_r = 53.472; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.865 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.085 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.063 W/kg
SAR(1 g) = 0.642 mW/g; SAR(10 g) = 0.362 mW/g
Maximum value of SAR (measured) = 0.856 mW/g



0 dB = 0.860mW/g