Appendix A. Plots of System Performance Check

The plots are shown as follows.

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013-1-11

System Check_Head_835MHz_130111

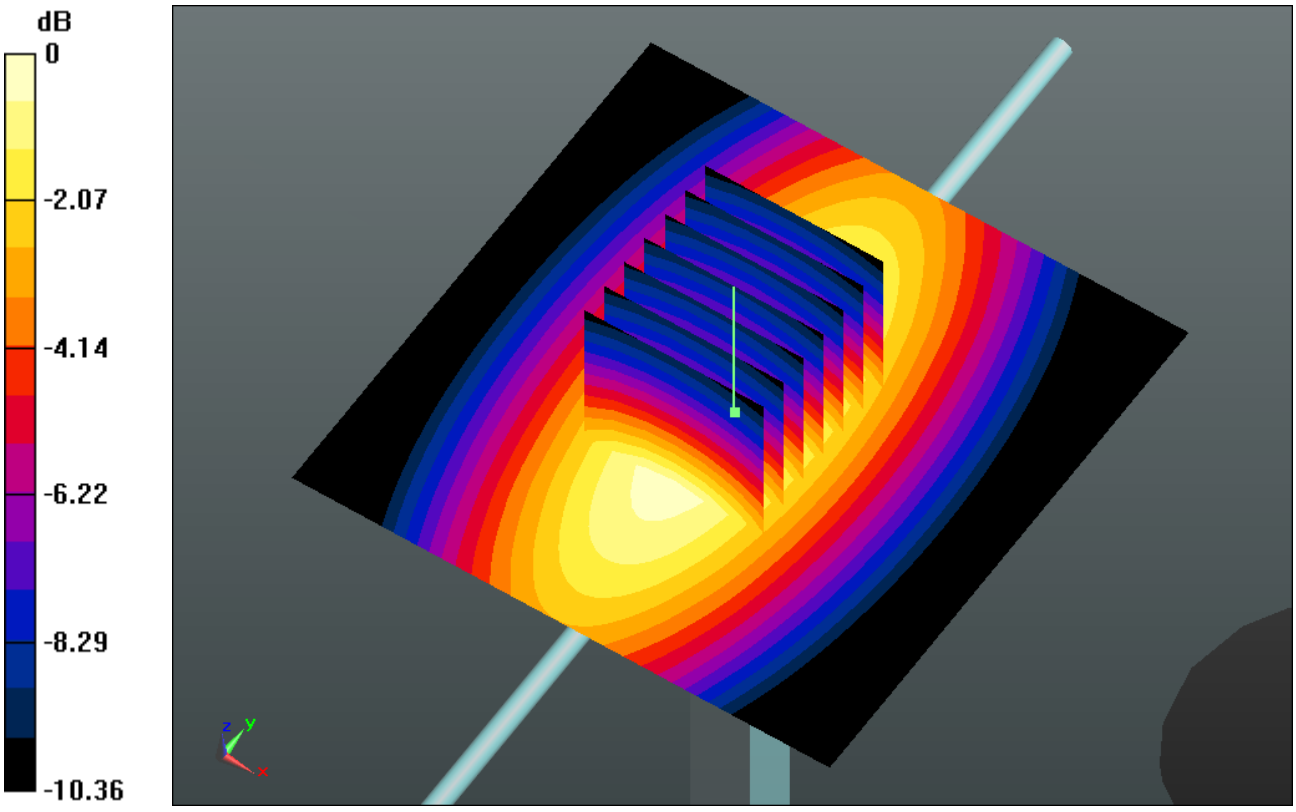
DUT: D835V2 - SN:4d091

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_835_130111 Medium parameters used: f = 835 MHz; σ = 0.893 mho/m; ε_r = 41.397; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.494 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 53.386 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.348 W/kg
SAR(1 g) = 2.31 mW/g; SAR(10 g) = 1.52 mW/g
Maximum value of SAR (measured) = 2.497 mW/g



0 dB = 2.500mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013-1-11

System Check_Head_1750MHz_130111

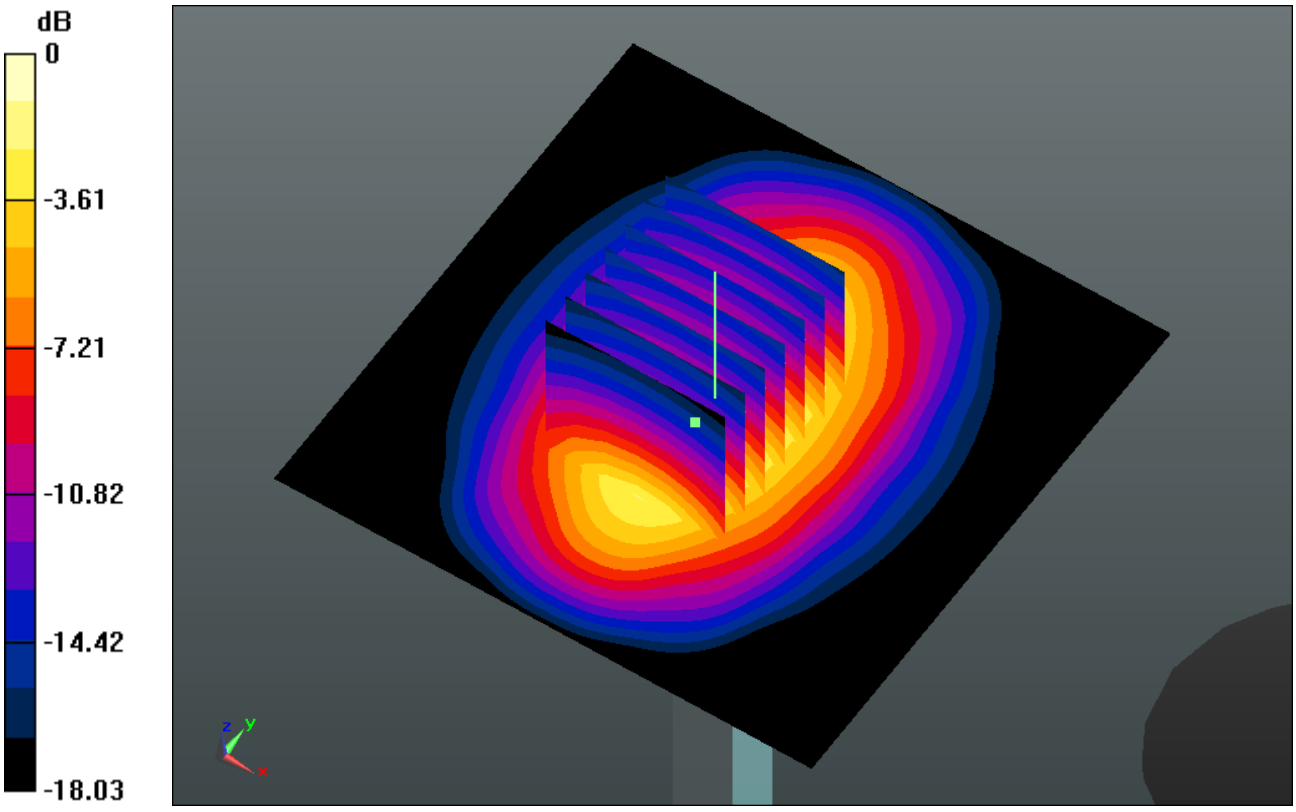
DUT: D1750V2 - SN:1069

Communication System: CW; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: HSL_1750_130111 Medium parameters used: f = 1750 MHz; σ = 1.373 mho/m; ε_r = 41.392; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.14, 8.14, 8.14); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 10.134 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 85.654 V/m; Power Drift = 0.0043 dB
Peak SAR (extrapolated) = 16.793 W/kg
SAR(1 g) = 8.98 mW/g; SAR(10 g) = 4.71 mW/g
Maximum value of SAR (measured) = 10.037 mW/g



0 dB = 10.040mW/g

System Check_Head_1900MHz_130111

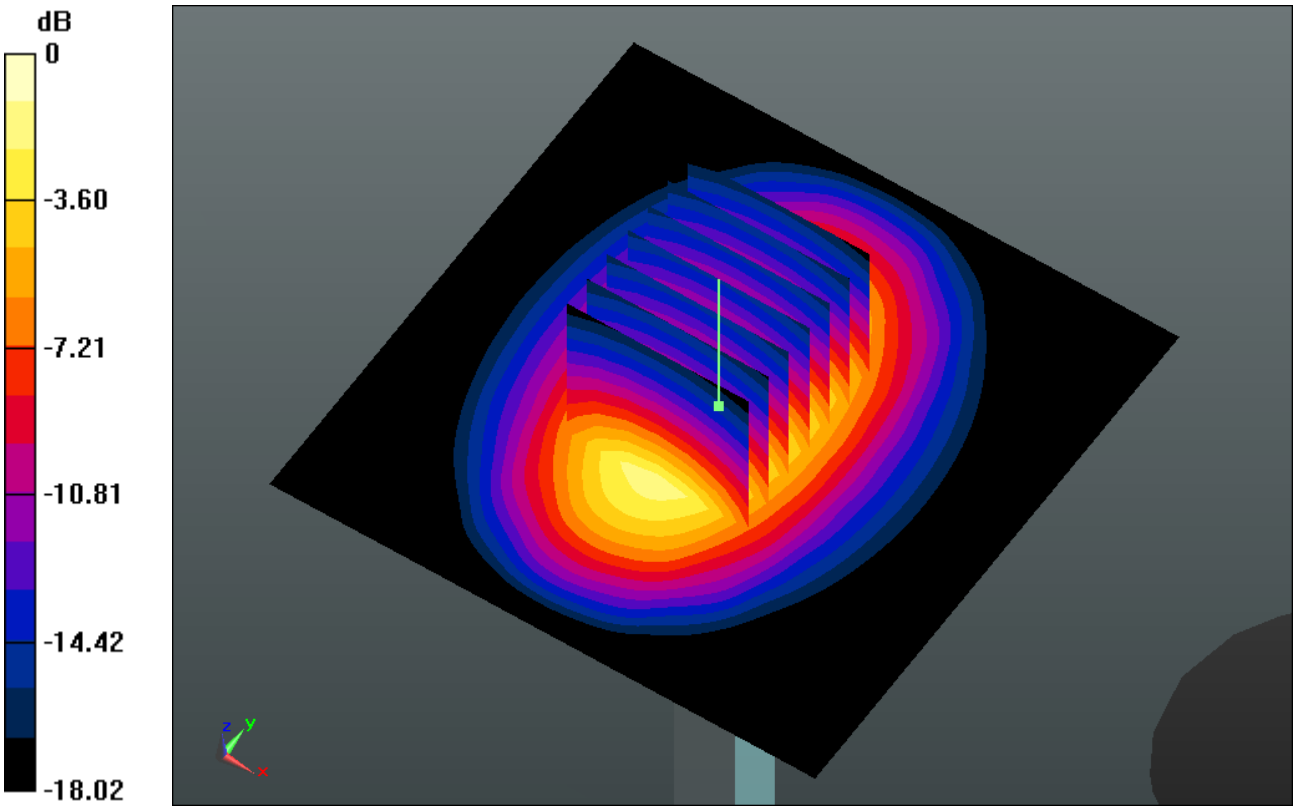
DUT: D1900V2 - SN:5d118

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130111 Medium parameters used: f = 1900 MHz; σ = 1.425 mho/m; ε_r = 38.906; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 11.399 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 88.662 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 18.979 W/kg
SAR(1 g) = 10 mW/g; SAR(10 g) = 5.15 mW/g
Maximum value of SAR (measured) = 11.294 mW/g



0 dB = 11.290mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013-2-4

System Check_Head_2450MHz_130115

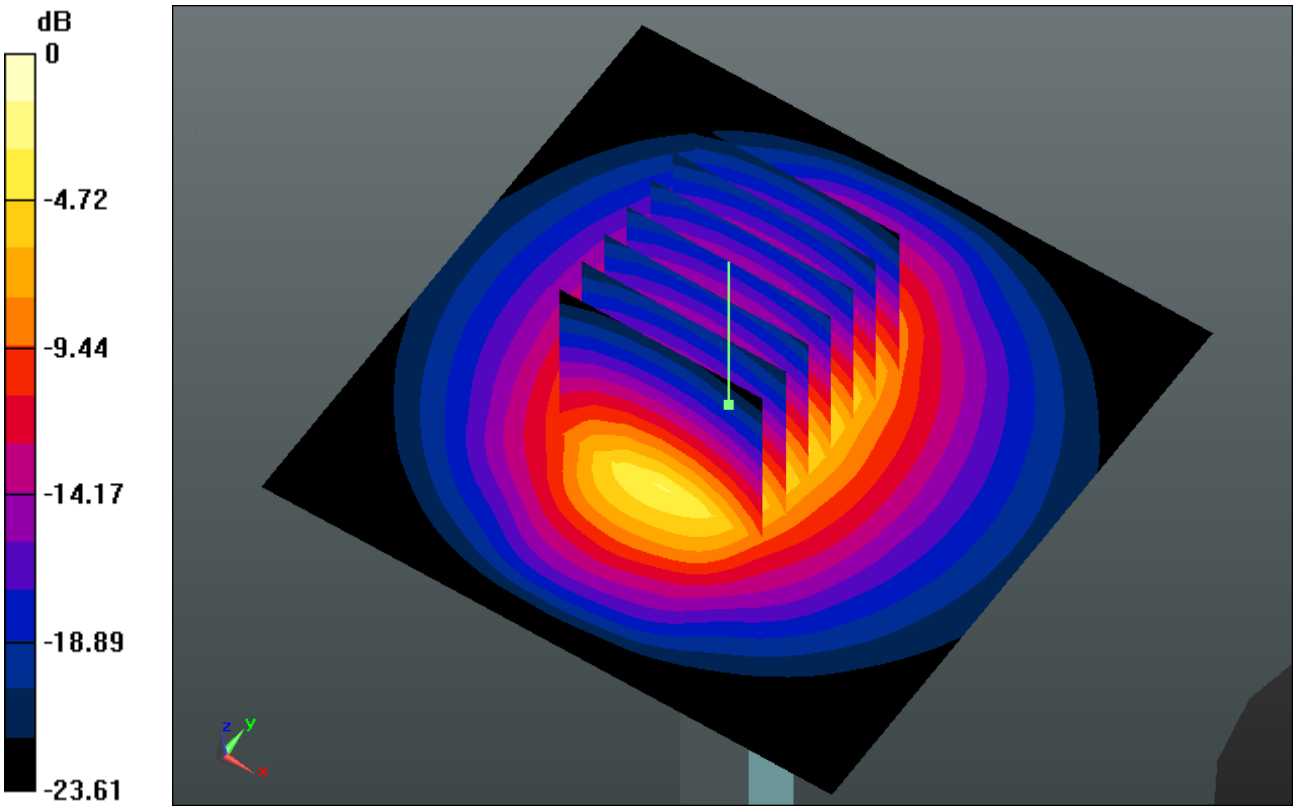
DUT: D2450V2 - SN:736

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130204 Medium parameters used: f = 2450 MHz; σ = 1.842 mho/m; ε_r = 39.923; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (71x71x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 22.280 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 93.542 V/m; Power Drift = -0.0063 dB
Peak SAR (extrapolated) = 29.231 W/kg
SAR(1 g) = 13.9 mW/g; SAR(10 g) = 6.29 mW/g
Maximum value of SAR (measured) = 21.576 mW/g



0 dB = 21.580mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013-1-11

System Check_Body_835MHz_130111

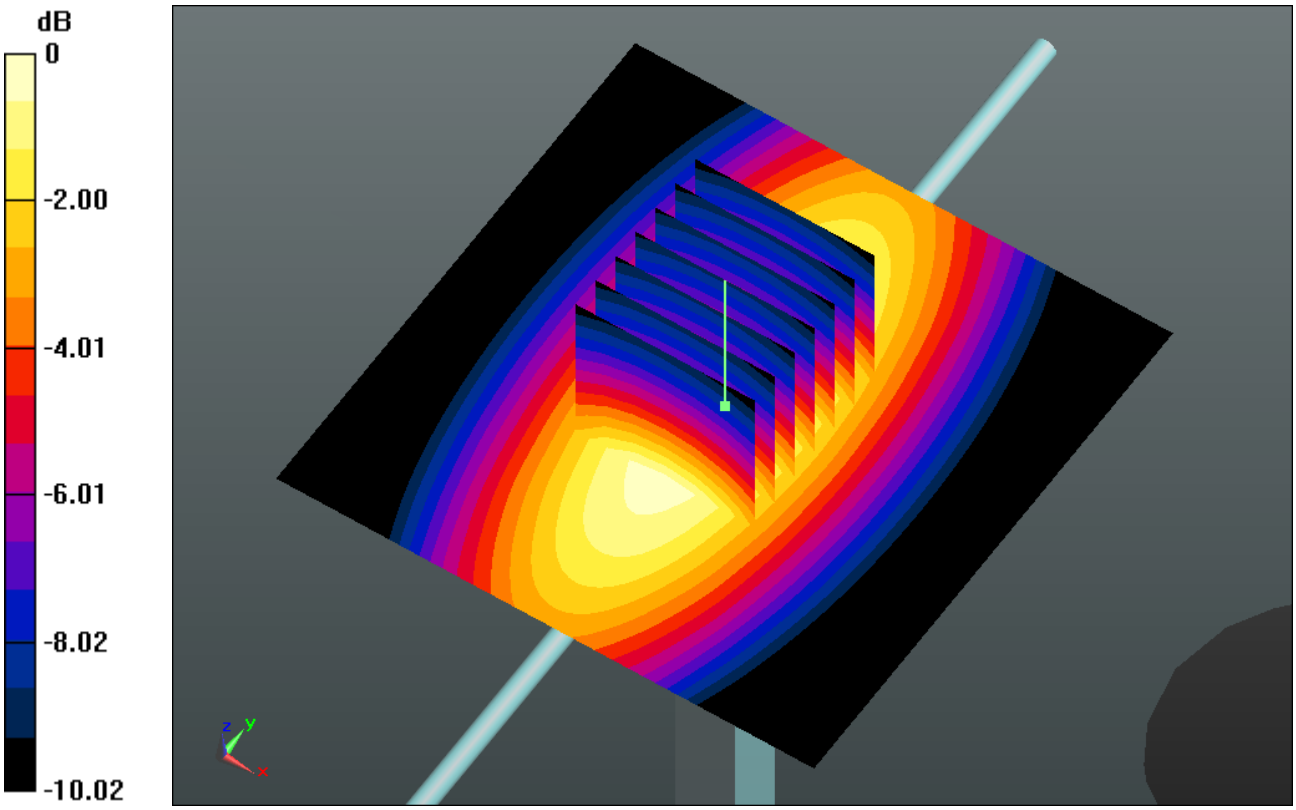
DUT: D835V2 - SN:4d091

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_835_130111 Medium parameters used: f = 835 MHz; σ = 0.983 mho/m; ε_r = 54.865; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; 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: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.437 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 50.269 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.237 W/kg
SAR(1 g) = 2.25 mW/g; SAR(10 g) = 1.49 mW/g
Maximum value of SAR (measured) = 2.423 mW/g



0 dB = 2.420mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013-1-12

System Check_Body_1750MHz_130112

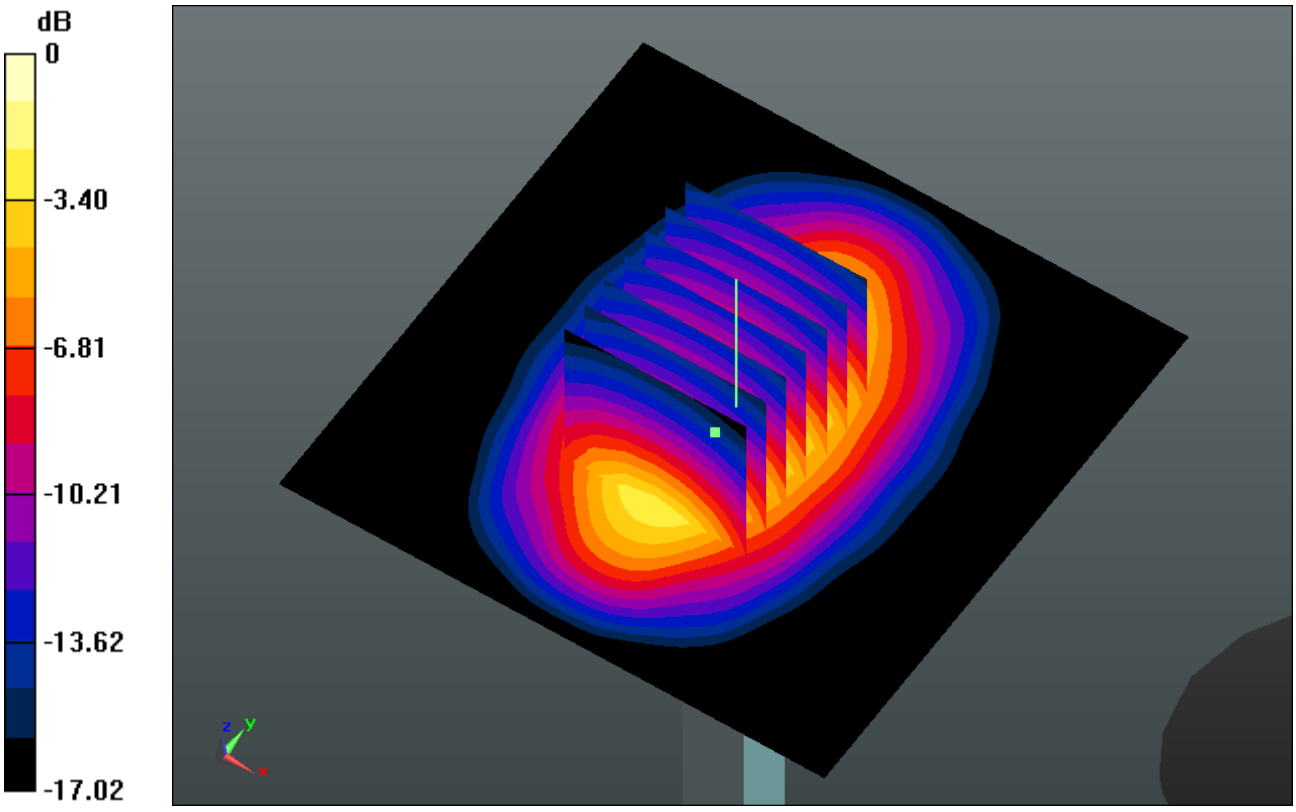
DUT: D1750V2 - SN:1069

Communication System: CW; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: MSL_1750_130112 Medium parameters used: f = 1750 MHz; σ = 1.502 mho/m; ε_r = 51.015; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 10.276 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 82.897 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 16.214 W/kg
SAR(1 g) = 9.07 mW/g; SAR(10 g) = 4.82 mW/g
Maximum value of SAR (measured) = 10.214 mW/g



0 dB = 10.210mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013-1-12

System Check_Body_1900MHz_130112

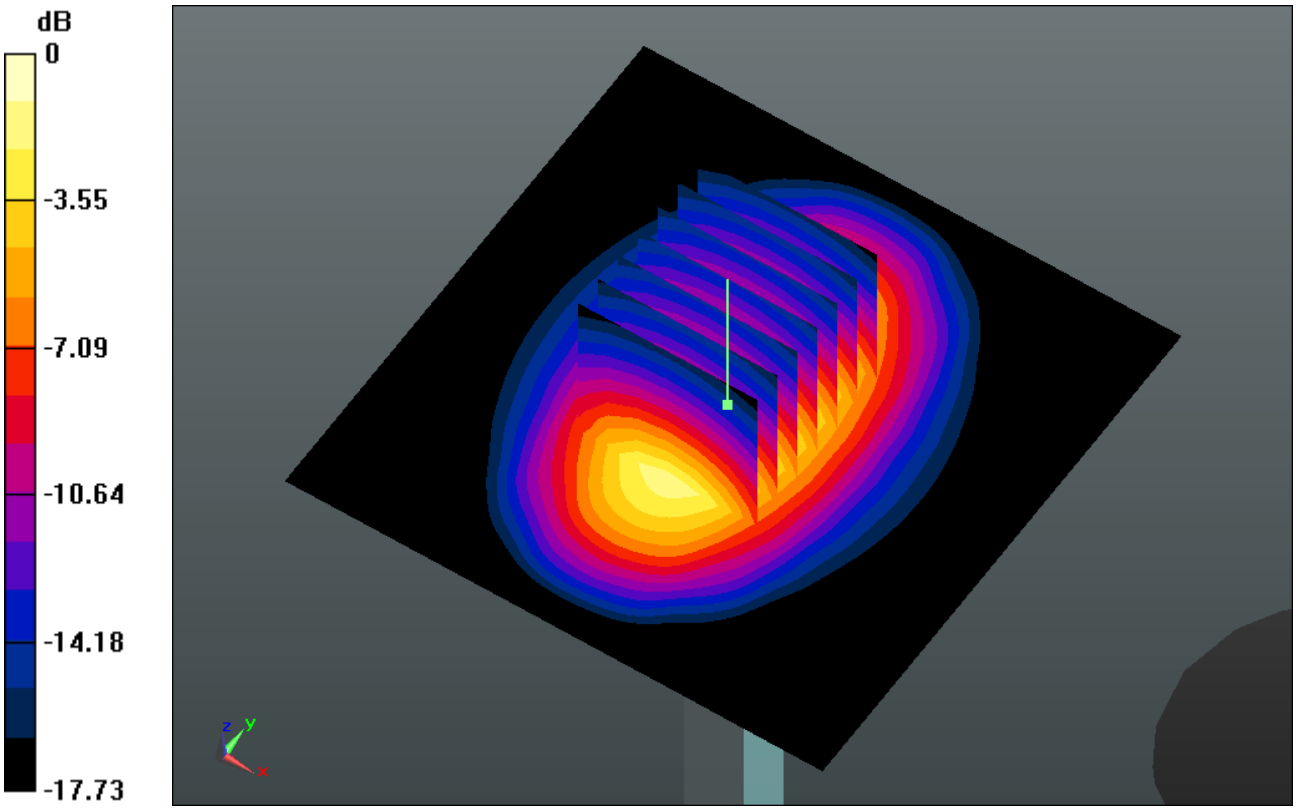
DUT: D1900V2 - SN:5d118

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130112 Medium parameters used: f = 1900 MHz; σ = 1.552 mho/m; ε_r = 53.309; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 11.966 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 88.094 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 18.826 W/kg
SAR(1 g) = 10.4 mW/g; SAR(10 g) = 5.33 mW/g
Maximum value of SAR (measured) = 11.788 mW/g



0 dB = 11.790mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013-2-4

System Check_Body_2450MHz_130116

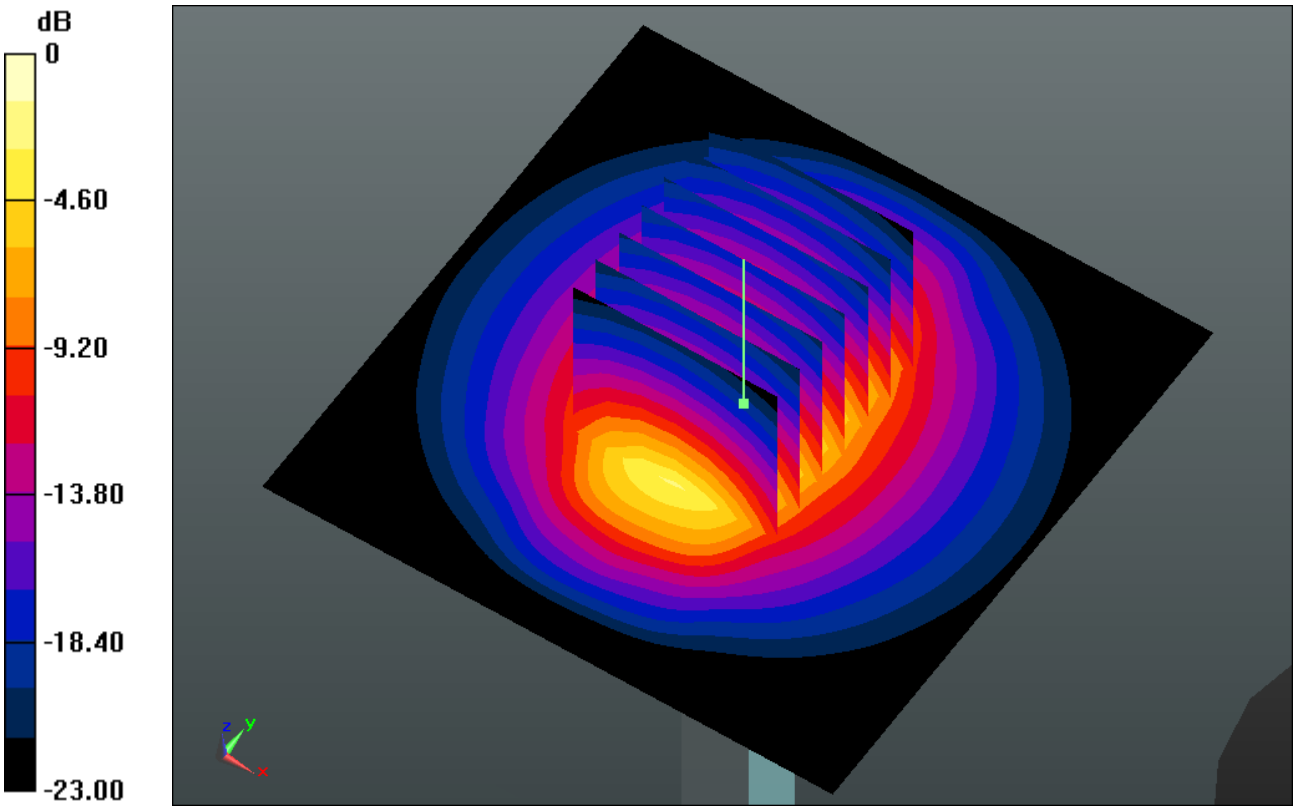
DUT: D2450V2 - SN:736

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130204 Medium parameters used: f = 2450 MHz; σ = 1.951 mho/m; ε_r = 53.859; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (71x71x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 20.831 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 87.654 V/m; Power Drift = 0.0067 dB
Peak SAR (extrapolated) = 28.366 W/kg
SAR(1 g) = 13.2 mW/g; SAR(10 g) = 5.94 mW/g
Maximum value of SAR (measured) = 20.480 mW/g



0 dB = 20.480mW/g

Appendix B. Plots of SAR Measurement

The plots are shown as follows.

#01 GSM850_DTM11_Right Cheek_Ch128

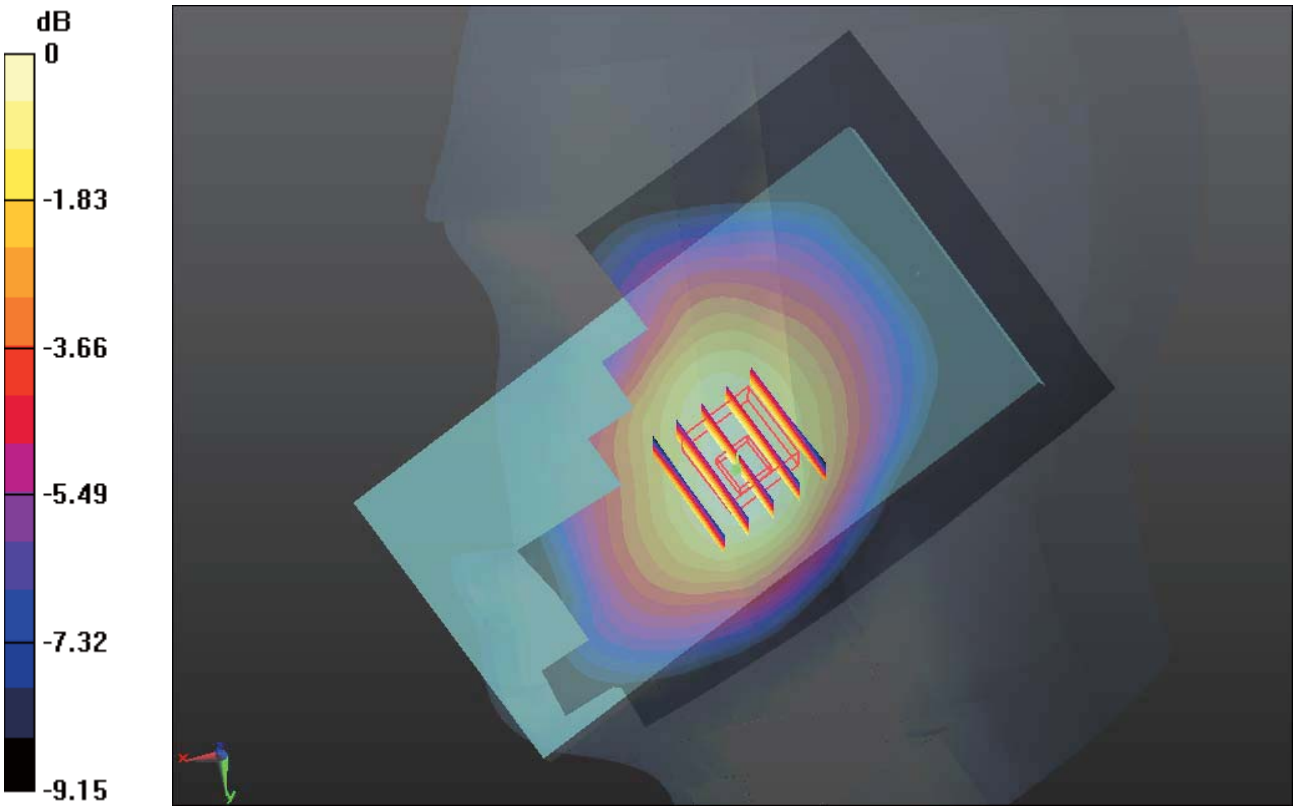
DUT: 2D2505

Communication System: GPRS/EDGE (3 Tx slots); Frequency: 824.2 MHz;Duty Cycle: 1:2.7
Medium: HSL_835_130111 Medium parameters used: f = 824.2 MHz; σ = 0.883 mho/m; ε_r = 41.523; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.545 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.319 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.582 W/kg
SAR(1 g) = 0.476 mW/g; SAR(10 g) = 0.366 mW/g
Maximum value of SAR (measured) = 0.536 mW/g



0 dB = 0.540mW/g

#01 GSM850_DTM11_Right Cheek_Ch128_2D

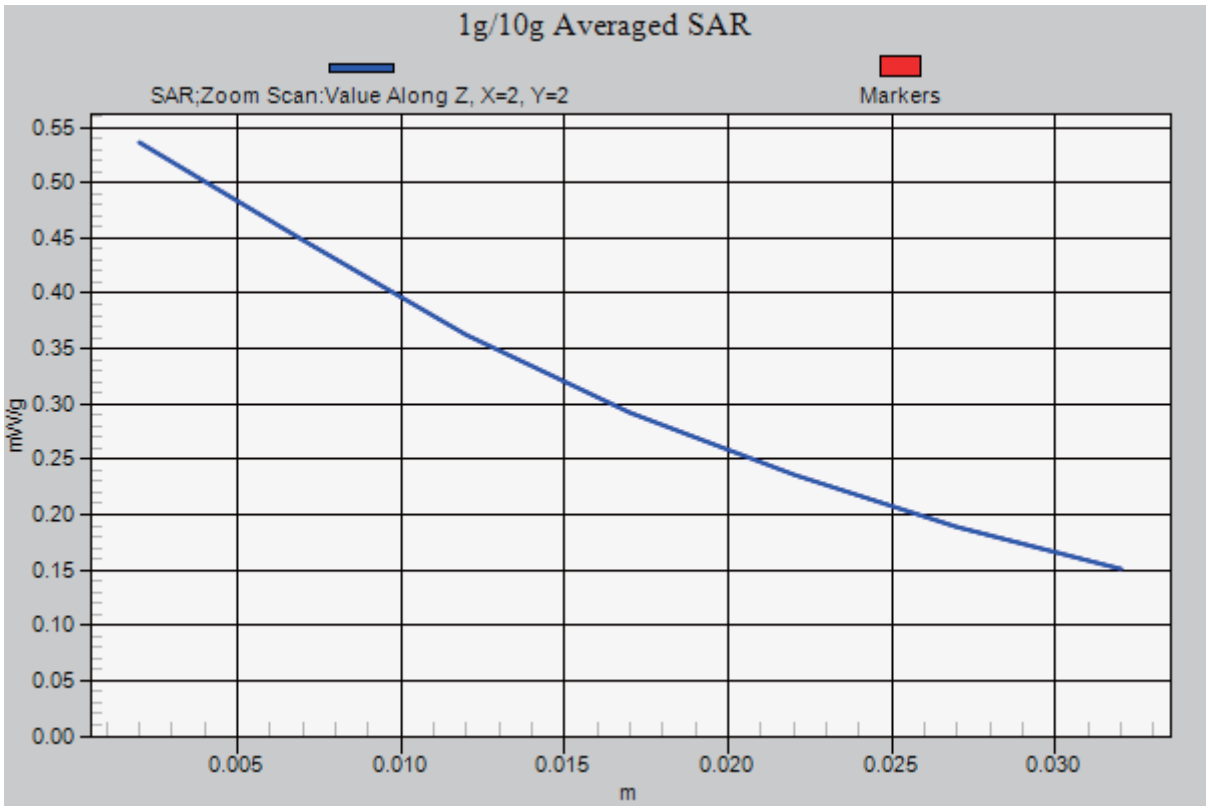
DUT: 2D2505

Communication System: GPRS/EDGE (3 Tx slots); Frequency: 824.2 MHz;Duty Cycle: 1:2.7
Medium: HSL_835_130111 Medium parameters used: f = 824.2 MHz; σ = 0.883 mho/m; ε_r = 41.523; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.545 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.319 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.582 W/kg
SAR(1 g) = 0.476 mW/g; SAR(10 g) = 0.366 mW/g
Maximum value of SAR (measured) = 0.536 mW/g


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

#02 GSM850_DTM11_Right Tilted_Ch128

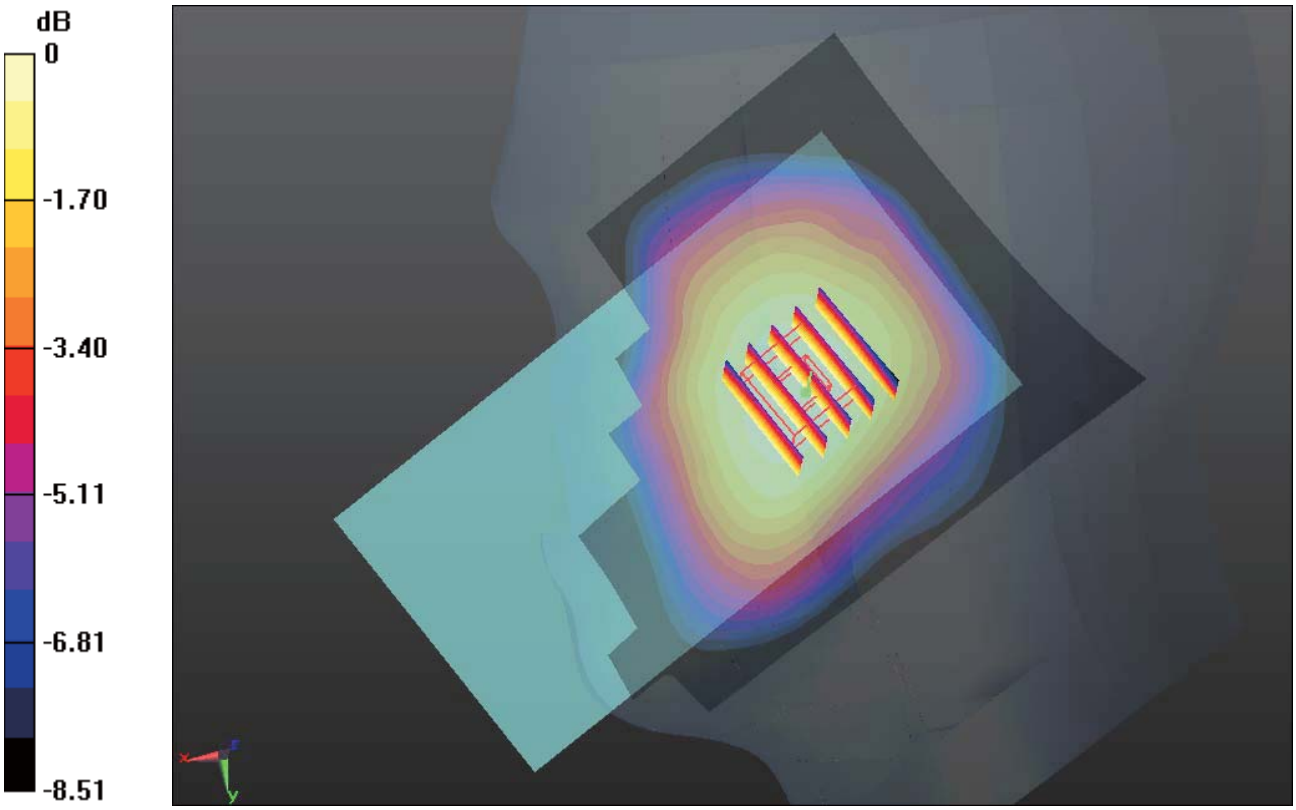
DUT: 2D2505

Communication System: GPRS/EDGE (3 Tx slots); Frequency: 824.2 MHz;Duty Cycle: 1:2.7
Medium: HSL_835_130111 Medium parameters used: f = 824.2 MHz; σ = 0.883 mho/m; ε_r = 41.523; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.271 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.500 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.291 W/kg
SAR(1 g) = 0.241 mW/g; SAR(10 g) = 0.191 mW/g
Maximum value of SAR (measured) = 0.271 mW/g



0 dB = 0.270mW/g

#03 GSM850_DTM11_Left Cheek_Ch128

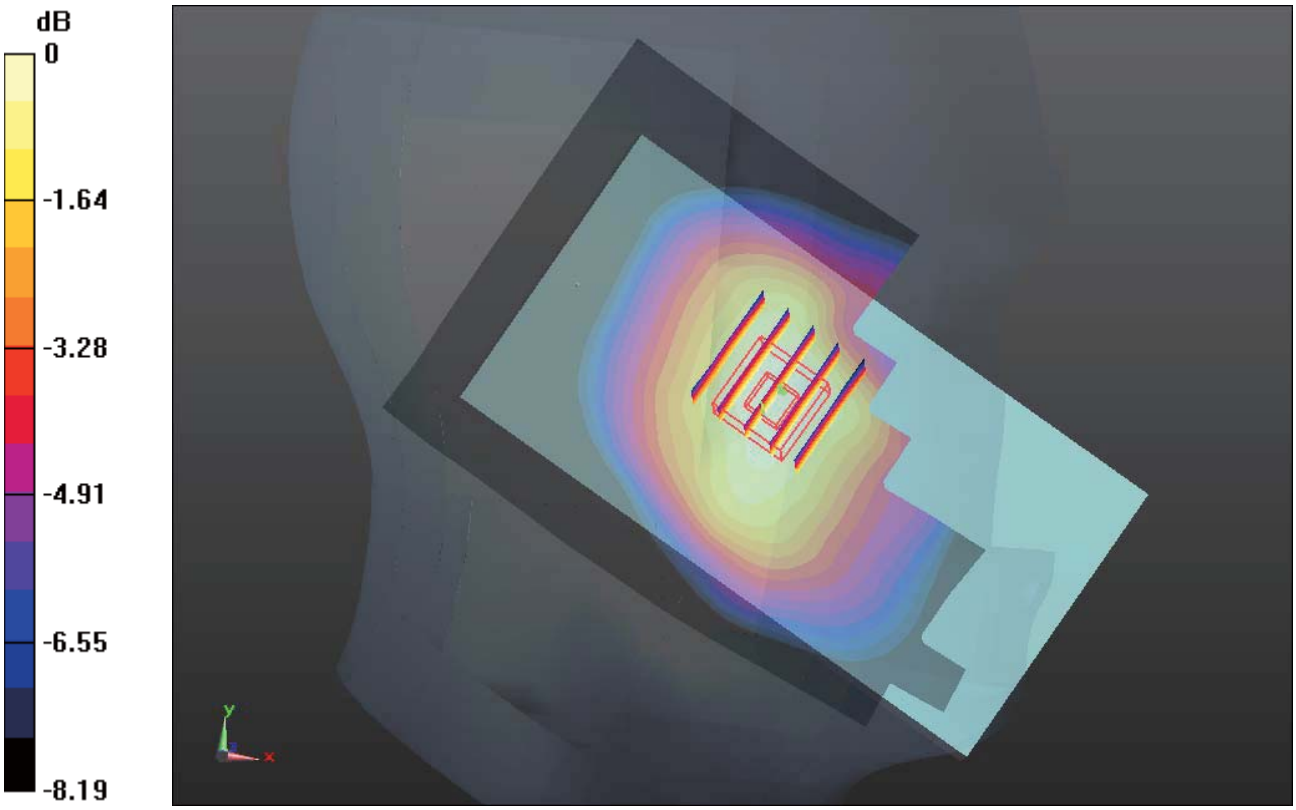
DUT: 2D2505

Communication System: GPRS/EDGE (3 Tx slots); Frequency: 824.2 MHz;Duty Cycle: 1:2.7
Medium: HSL_835_130111 Medium parameters used: f = 824.2 MHz; σ = 0.883 mho/m; ε_r = 41.523; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.466 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.690 V/m; Power Drift = 0.036 dB
Peak SAR (extrapolated) = 0.491 W/kg
SAR(1 g) = 0.406 mW/g; SAR(10 g) = 0.318 mW/g
Maximum value of SAR (measured) = 0.456 mW/g



0 dB = 0.460mW/g

#04 GSM850_DTM11_Left Tilted_Ch128

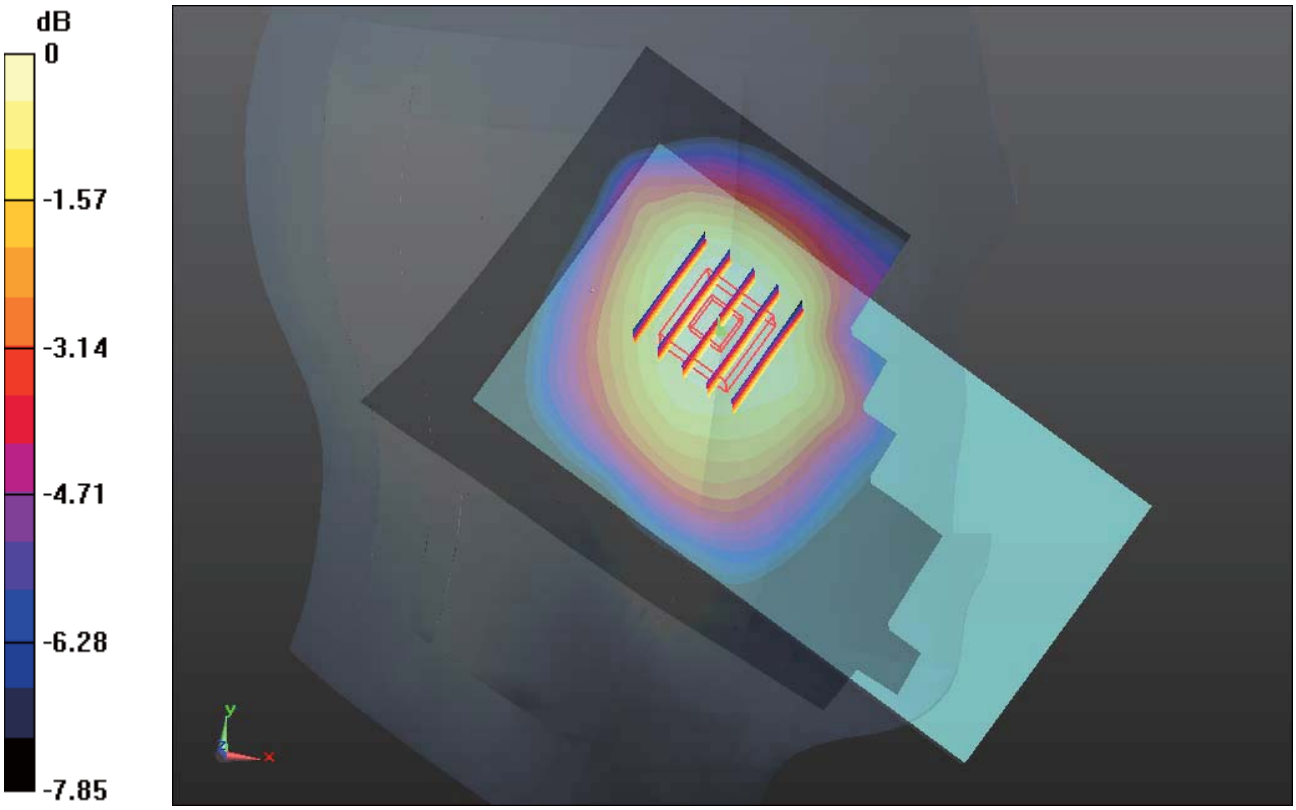
DUT: 2D2505

Communication System: GPRS/EDGE (3 Tx slots); Frequency: 824.2 MHz;Duty Cycle: 1:2.7
Medium: HSL_835_130111 Medium parameters used: f = 824.2 MHz; σ = 0.883 mho/m; ε_r = 41.523; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.279 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.182 V/m; Power Drift = 0.022 dB
Peak SAR (extrapolated) = 0.298 W/kg
SAR(1 g) = 0.250 mW/g; SAR(10 g) = 0.197 mW/g
Maximum value of SAR (measured) = 0.278 mW/g



0 dB = 0.280mW/g

#05 GSM1900_DTM11_Right Cheek_Ch512

DUT: 2D2505

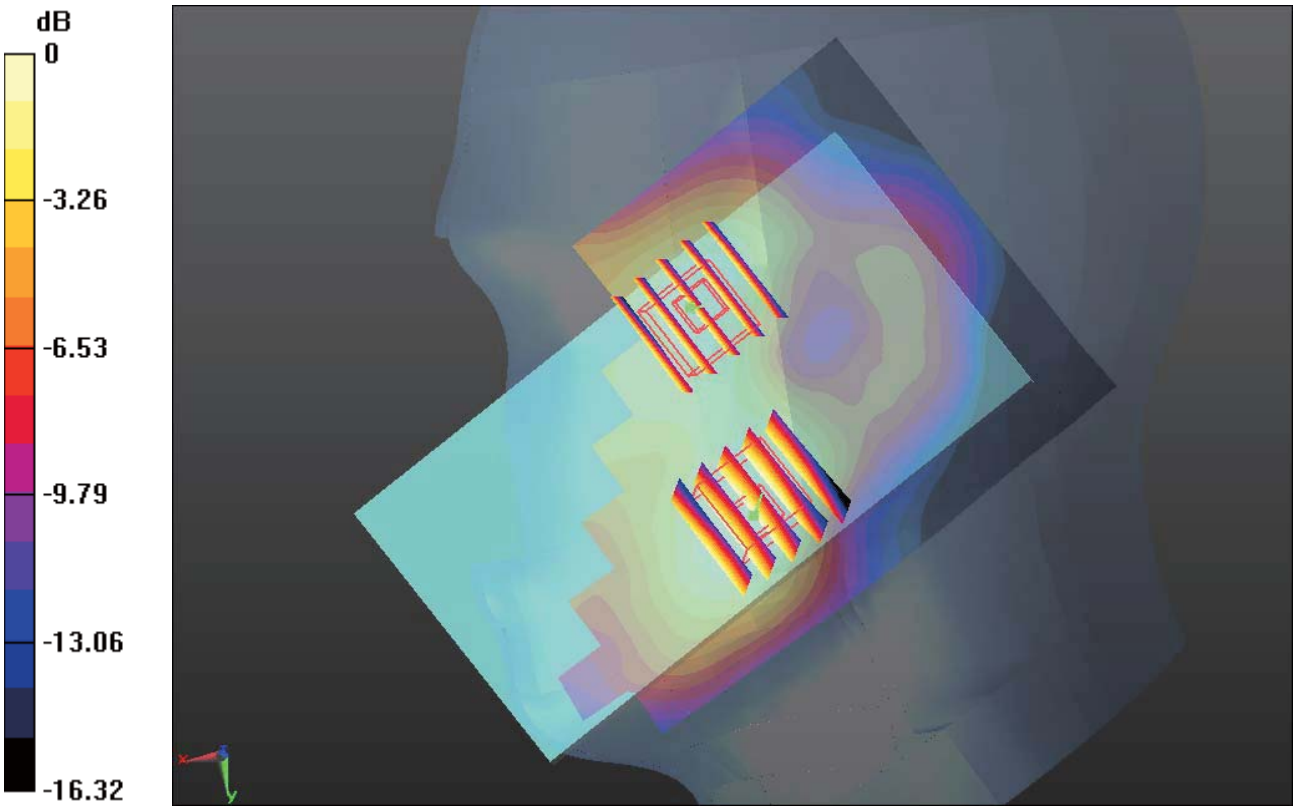
Communication System: GPRS/EDGE (3 Tx slots); Frequency: 1850.2 MHz;Duty Cycle: 1:2.7
Medium: HSL_1900_130111 Medium parameters used: f = 1850.2 MHz; σ = 1.374 mho/m; ε_r = 39.088; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.334 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.558 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.370 W/kg
SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.154 mW/g
Maximum value of SAR (measured) = 0.316 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.558 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.291 W/kg
SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.122 mW/g
Maximum value of SAR (measured) = 0.250 mW/g



0 dB = 0.250mW/g

#06 GSM1900_DTM11_Right Tilted_Ch512

DUT: 2D2505

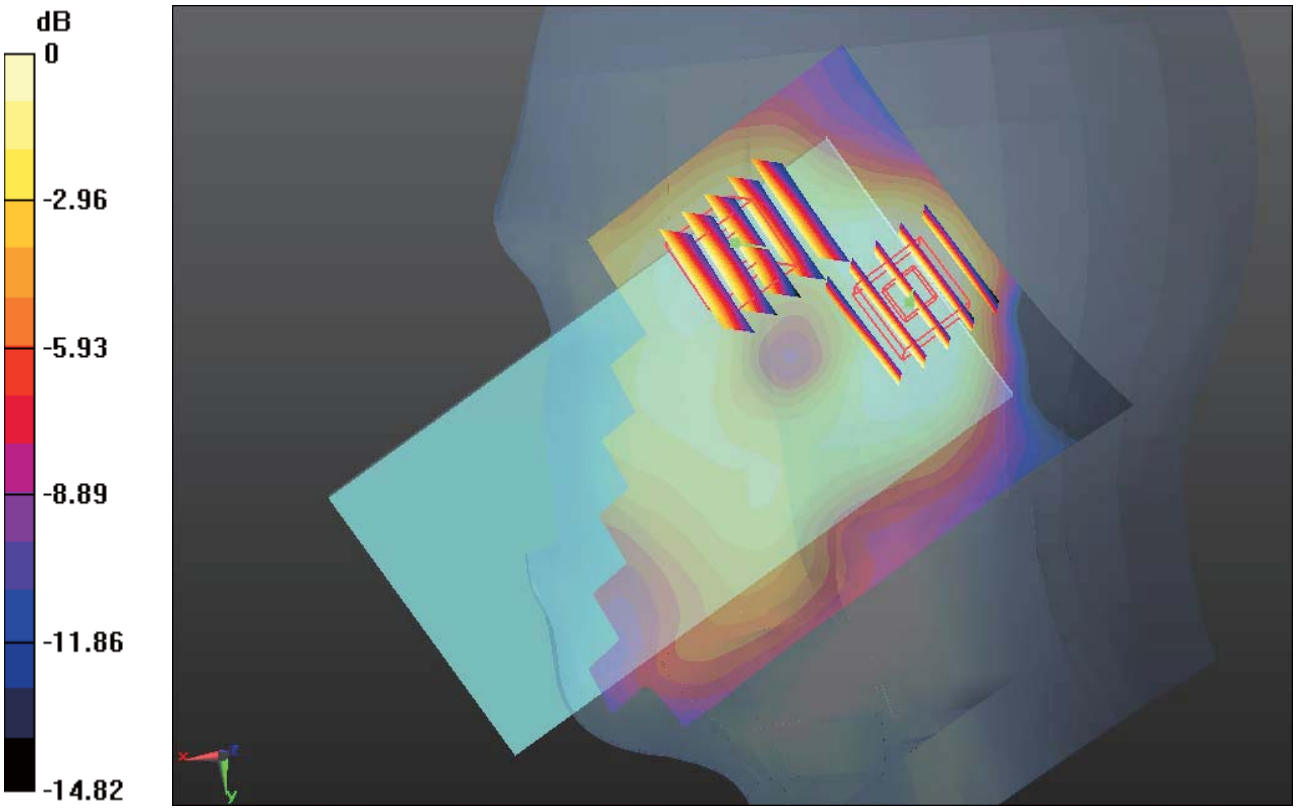
Communication System: GPRS/EDGE (3 Tx slots); Frequency: 1850.2 MHz;Duty Cycle: 1:2.7
Medium: HSL_1900_130111 Medium parameters used: f = 1850.2 MHz; σ = 1.374 mho/m; ε_r = 39.088; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.192 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.678 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.223 W/kg
SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.085 mW/g
Maximum value of SAR (measured) = 0.186 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.678 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.146 W/kg
SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.062 mW/g
Maximum value of SAR (measured) = 0.125 mW/g



0 dB = 0.120mW/g

#07 GSM1900_DTM11_Left Cheek_Ch512

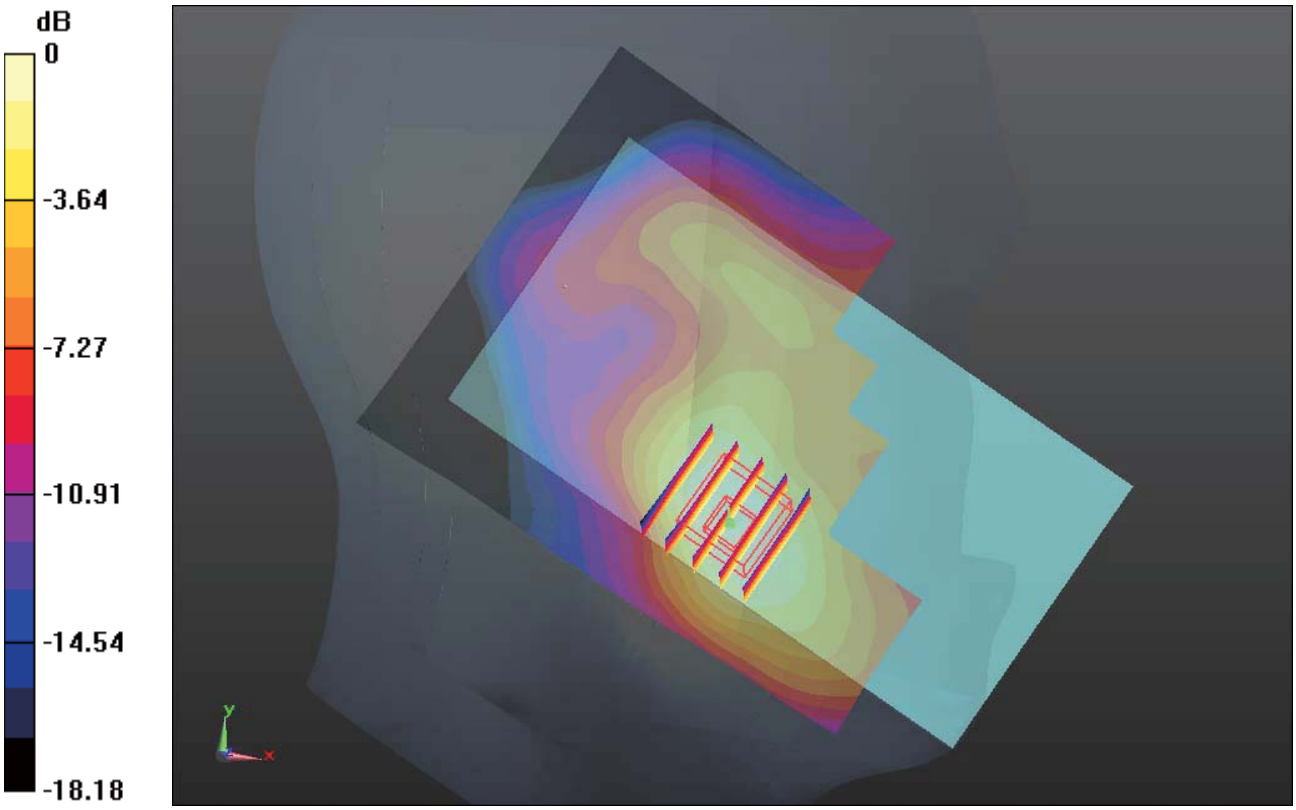
DUT: 2D2505

Communication System: GPRS/EDGE (3 Tx slots); Frequency: 1850.2 MHz;Duty Cycle: 1:2.7
Medium: HSL_1900_130111 Medium parameters used: f = 1850.2 MHz; σ = 1.374 mho/m; ε_r = 39.088; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.510 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.376 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.573 W/kg
SAR(1 g) = 0.374 mW/g; SAR(10 g) = 0.230 mW/g
Maximum value of SAR (measured) = 0.481 mW/g



0 dB = 0.480mW/g

#07 GSM1900_DTM11_Left Cheek_Ch512_2D

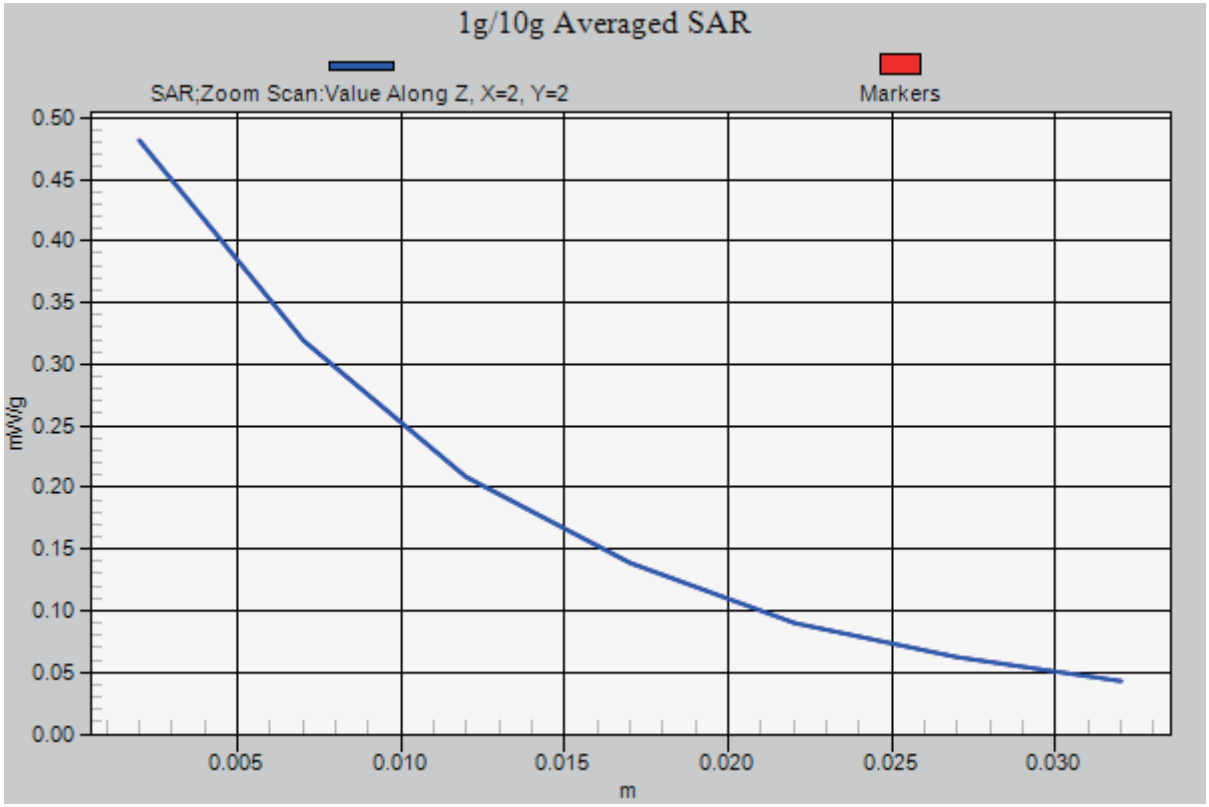
DUT: 2D2505

Communication System: GPRS/EDGE (3 Tx slots); Frequency: 1850.2 MHz;Duty Cycle: 1:2.7
Medium: HSL_1900_130111 Medium parameters used: f = 1850.2 MHz; σ = 1.374 mho/m; ε_r = 39.088; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.510 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.376 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.573 W/kg
SAR(1 g) = 0.374 mW/g; SAR(10 g) = 0.230 mW/g
Maximum value of SAR (measured) = 0.481 mW/g


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

#08 GSM1900_DTM11_Left Tilted_Ch512

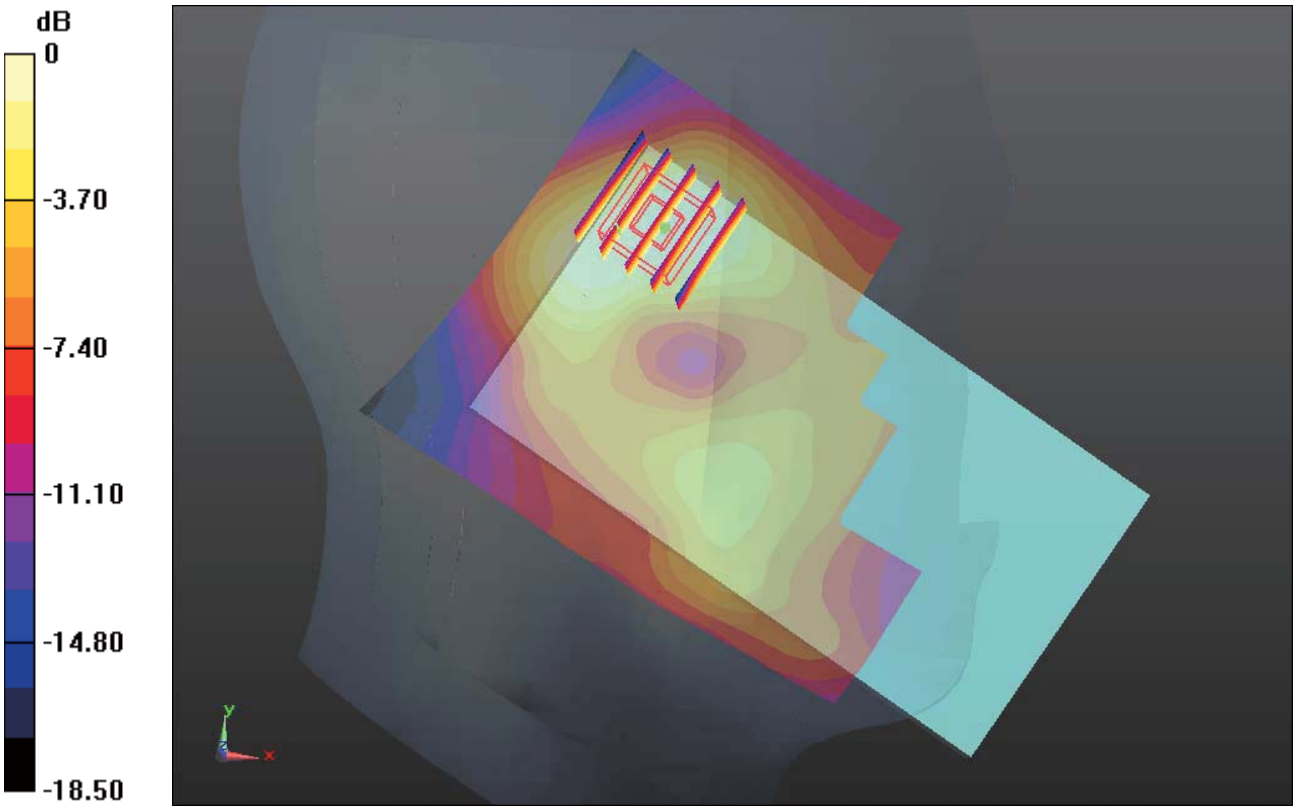
DUT: 2D2505

Communication System: GPRS/EDGE (3 Tx slots); Frequency: 1850.2 MHz;Duty Cycle: 1:2.7
Medium: HSL_1900_130111 Medium parameters used: f = 1850.2 MHz; σ = 1.374 mho/m; ε_r = 39.088; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.207 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.393 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.227 W/kg
SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.093 mW/g
Maximum value of SAR (measured) = 0.189 mW/g



0 dB = 0.190mW/g

#09 WCDMA Band V_RMC12.2Kbps_Right Cheek_Ch4132

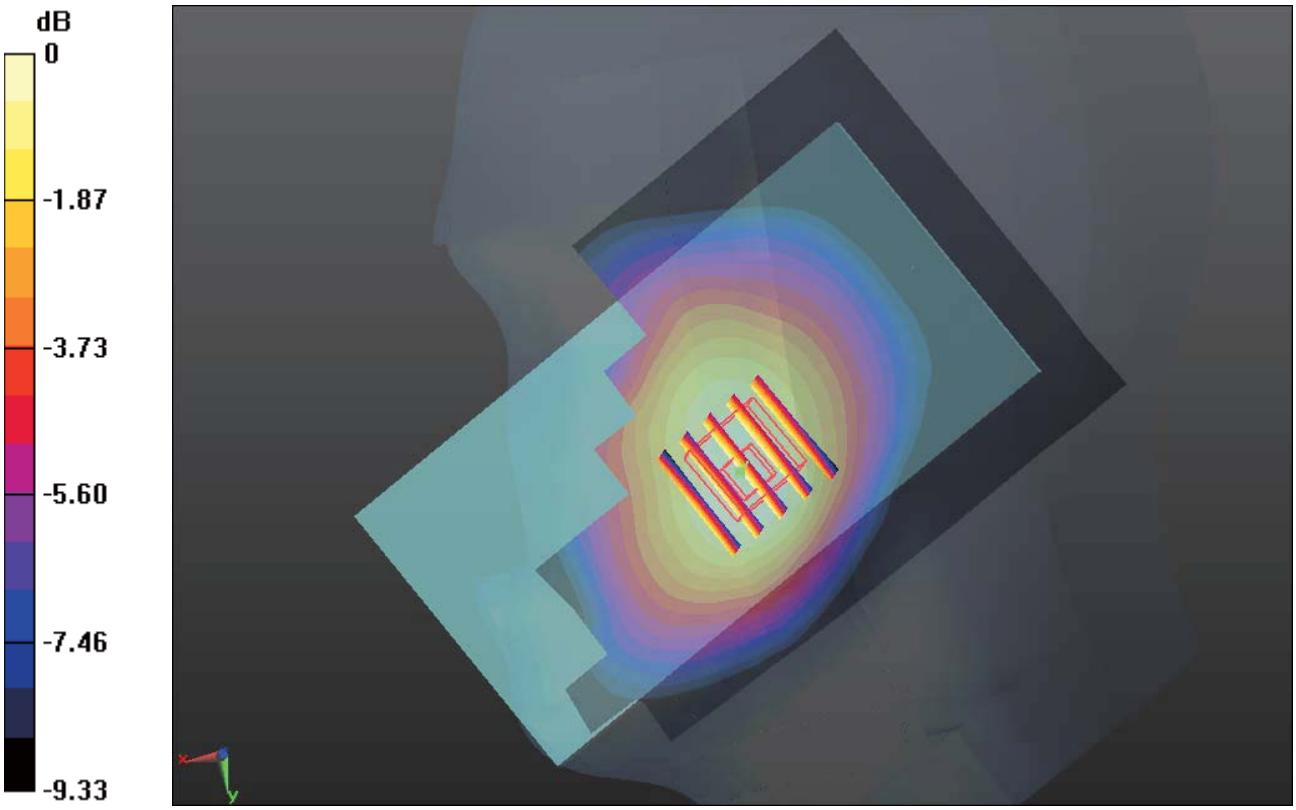
DUT: 2D2505

Communication System: UMTS; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_130111 Medium parameters used: f = 826.4 MHz; σ = 0.885 mho/m; ε_r = 41.498; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.213 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.819 V/m; Power Drift = 0.022 dB
Peak SAR (extrapolated) = 0.230 W/kg
SAR(1 g) = 0.187 mW/g; SAR(10 g) = 0.143 mW/g
Maximum value of SAR (measured) = 0.210 mW/g



0 dB = 0.210mW/g

#09 WCDMA Band V_RMC12.2Kbps_Right Cheek_Ch4132_2D

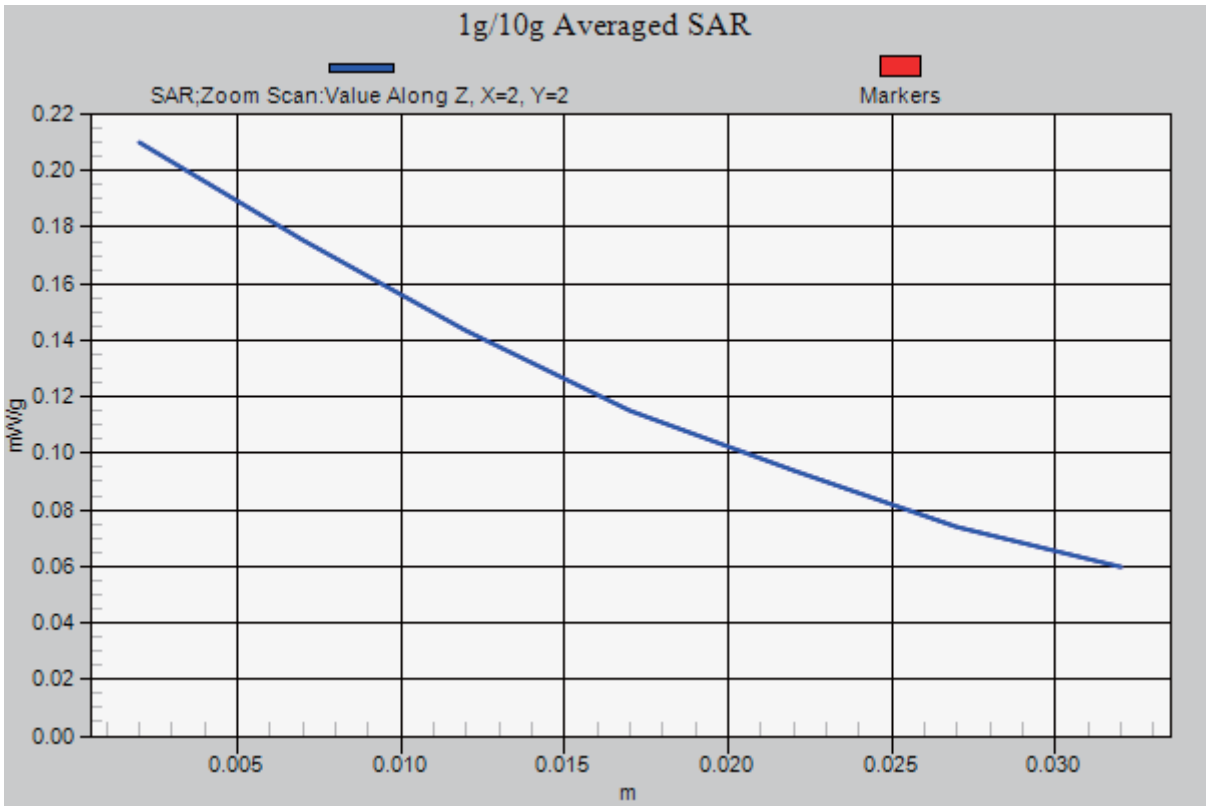
DUT: 2D2505

Communication System: UMTS; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_130111 Medium parameters used: f = 826.4 MHz; σ = 0.885 mho/m; ε_r = 41.498; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.213 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.819 V/m; Power Drift = 0.022 dB
Peak SAR (extrapolated) = 0.230 W/kg
SAR(1 g) = 0.187 mW/g; SAR(10 g) = 0.143 mW/g
Maximum value of SAR (measured) = 0.210 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
m

#10 WCDMA Band V_RMC12.2Kbps_Right Tilted_Ch4132

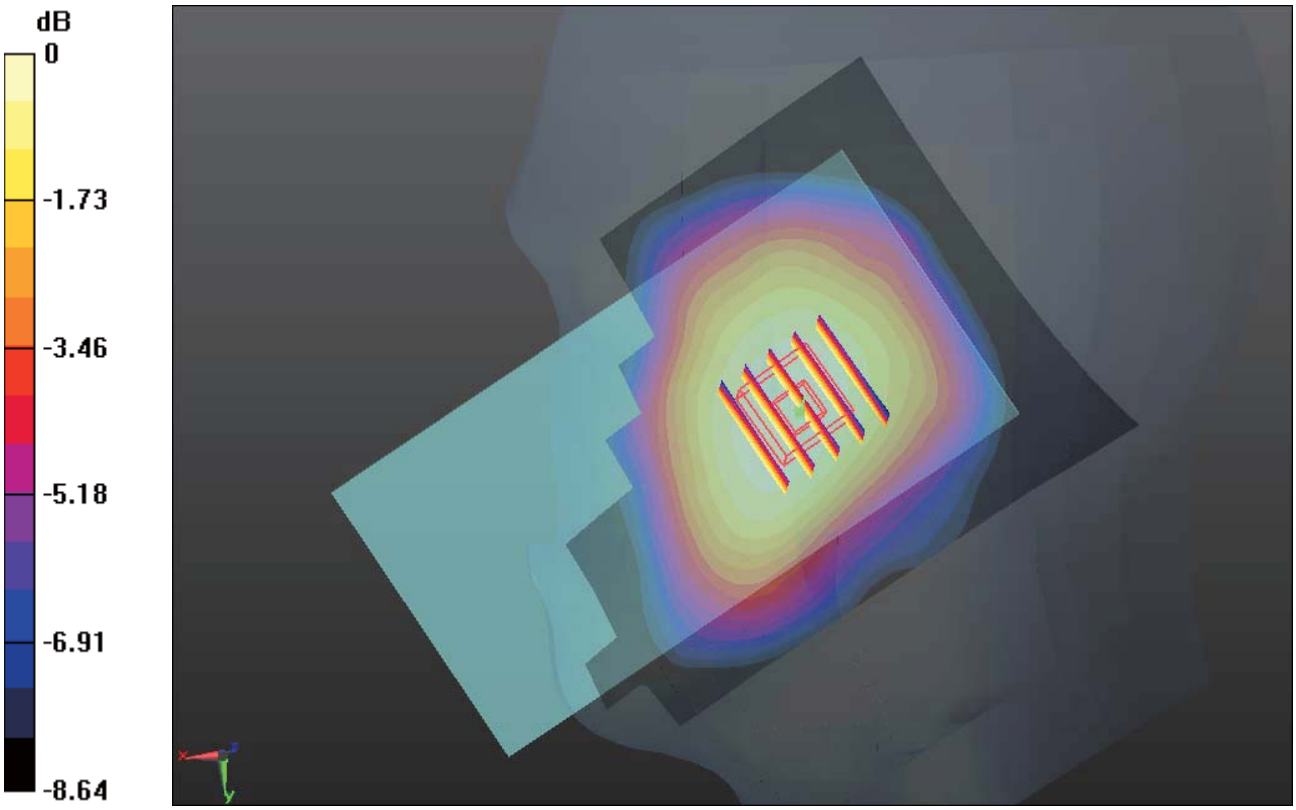
DUT: 2D2505

Communication System: UMTS; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_130111 Medium parameters used: f = 826.4 MHz; σ = 0.885 mho/m; ε_r = 41.498; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.101 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.077 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.108 W/kg
SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.071 mW/g
Maximum value of SAR (measured) = 0.101 mW/g



0 dB = 0.100mW/g

#11 WCDMA Band V_RMC12.2Kbps_Left Cheek_Ch4132

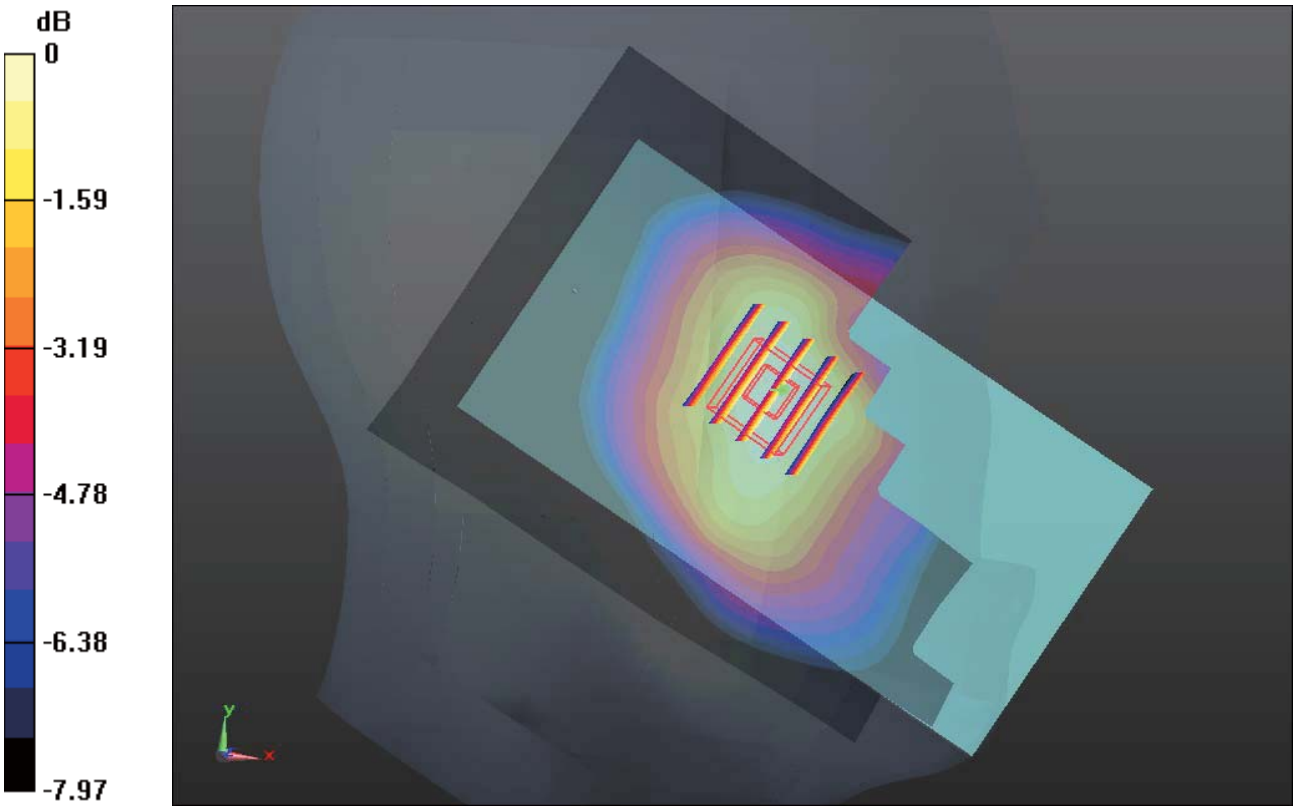
DUT: 2D2505

Communication System: UMTS; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_130111 Medium parameters used: f = 826.4 MHz; σ = 0.885 mho/m; ε_r = 41.498; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.173 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.350 V/m; Power Drift = 0.090 dB
Peak SAR (extrapolated) = 0.180 W/kg
SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.119 mW/g
Maximum value of SAR (measured) = 0.168 mW/g



0 dB = 0.170mW/g

#12 WCDMA Band V_RMC12.2Kbps_Left Tilted_Ch4132

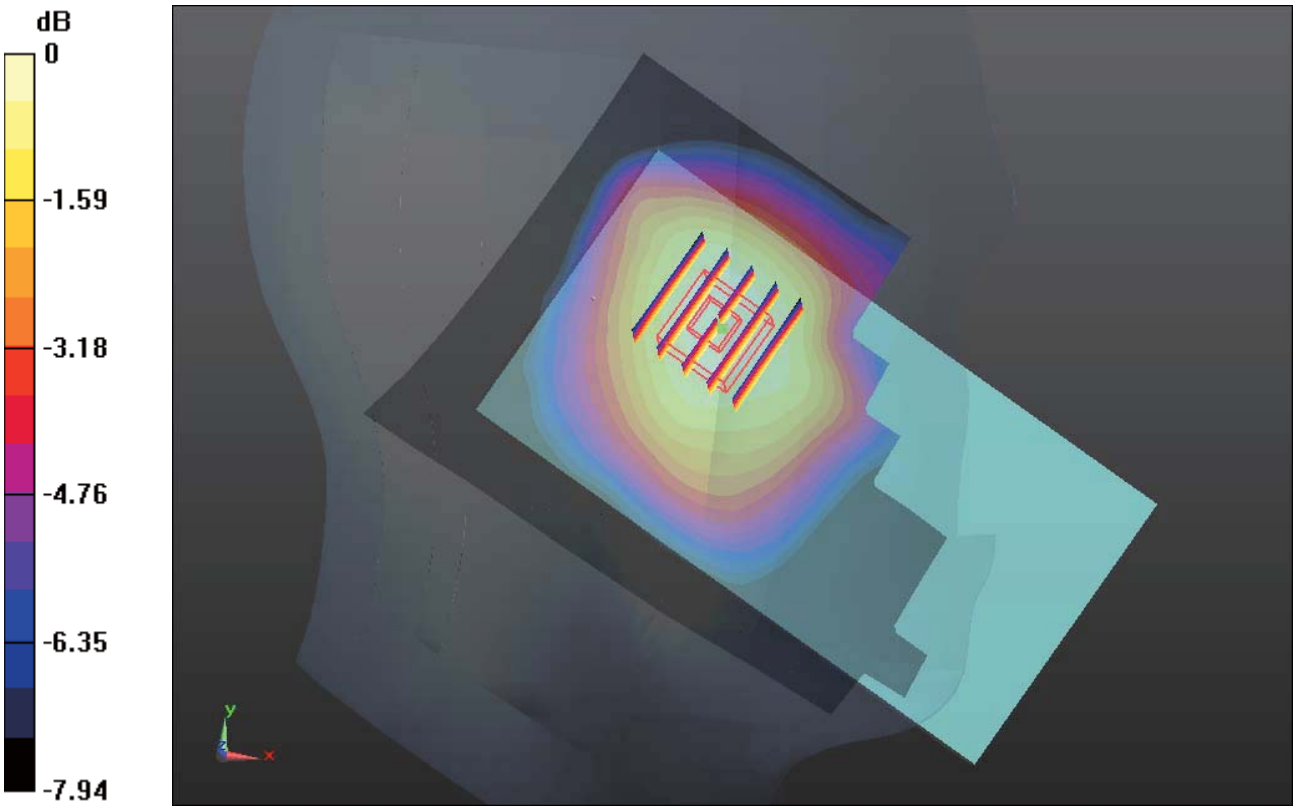
DUT: 2D2505

Communication System: UMTS; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_130111 Medium parameters used: f = 826.4 MHz; σ = 0.885 mho/m; ε_r = 41.498; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.106 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.895 V/m; Power Drift = 0.027 dB
Peak SAR (extrapolated) = 0.117 W/kg
SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.075 mW/g
Maximum value of SAR (measured) = 0.107 mW/g



0 dB = 0.110mW/g

#13 WCDMA Band IV_RMC12.2Kbps_Right Cheek_Ch1513

DUT: 2D2505

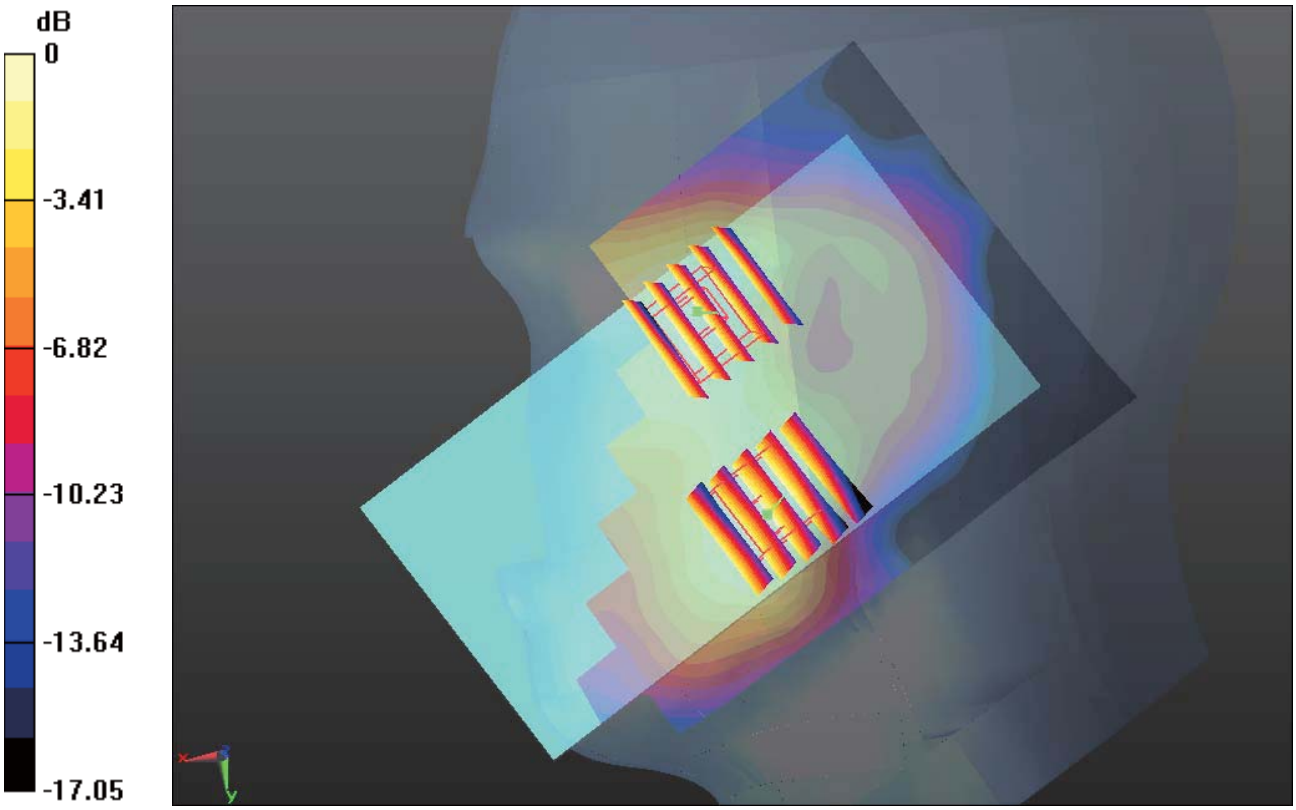
Communication System: UMTS; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750_130111 Medium parameters used: f = 1753 MHz; σ = 1.377 mho/m; ε_r = 41.374; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.14, 8.14, 8.14); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1513/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.227 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.524 V/m; Power Drift = 0.040 dB
Peak SAR (extrapolated) = 0.252 W/kg
SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.106 mW/g
Maximum value of SAR (measured) = 0.214 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.524 V/m; Power Drift = 0.040 dB
Peak SAR (extrapolated) = 0.248 W/kg
SAR(1 g) = 0.167 mW/g; SAR(10 g) = 0.106 mW/g



0 dB = 0.210mW/g

#14 WCDMA Band IV_RMC12.2Kbps_Right Tilted_Ch1513

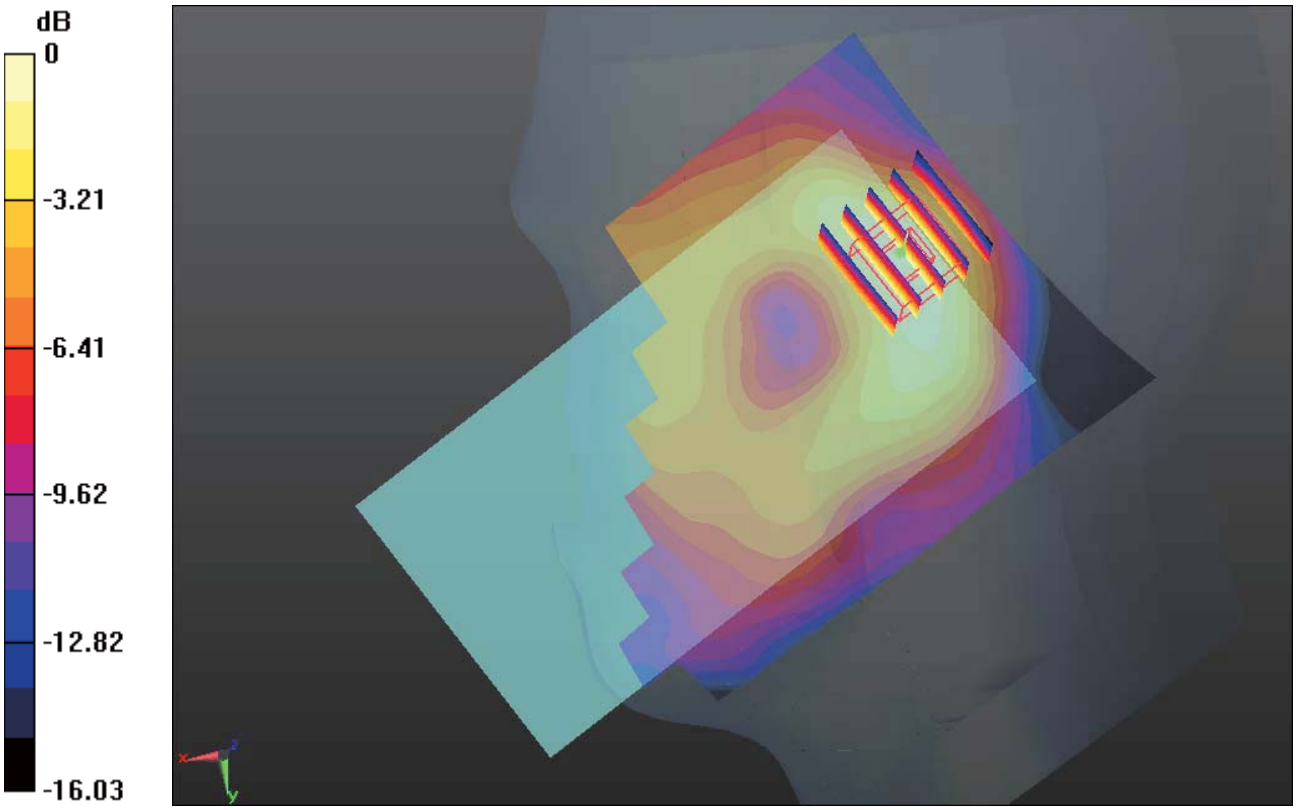
DUT: 2D2505

Communication System: UMTS; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750_130111 Medium parameters used: f = 1753 MHz; σ = 1.377 mho/m; ε_r = 41.374; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.14, 8.14, 8.14); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1513/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.144 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.396 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.172 W/kg
SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.067 mW/g
Maximum value of SAR (measured) = 0.144 mW/g



0 dB = 0.140mW/g

#15 WCDMA Band IV_RMC12.2Kbps_Left Cheek_Ch1513

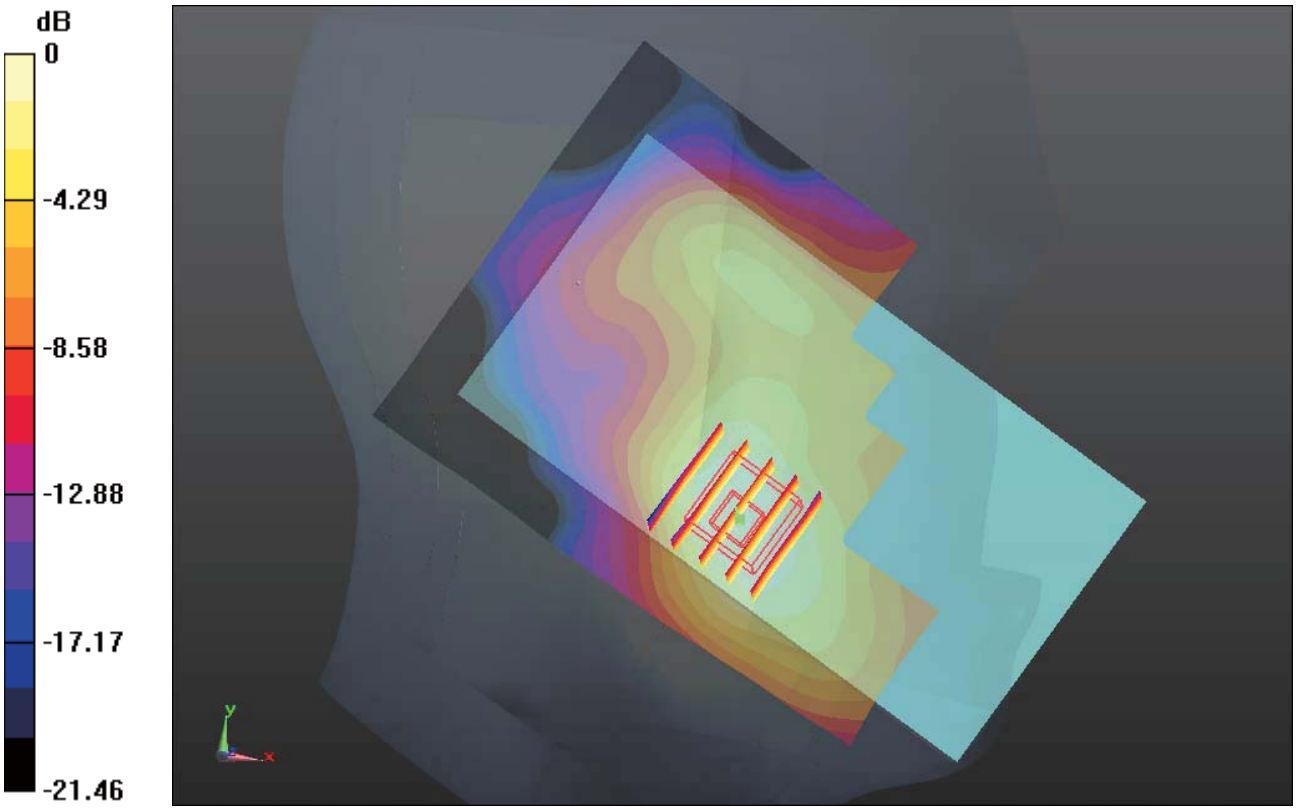
DUT: 2D2505

Communication System: UMTS; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750_130111 Medium parameters used: f = 1753 MHz; σ = 1.377 mho/m; ε_r = 41.374; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.14, 8.14, 8.14); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1513/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.459 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.723 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.508 W/kg
SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.210 mW/g
Maximum value of SAR (measured) = 0.427 mW/g



0 dB = 0.430mW/g

#15 WCDMA Band IV_RMC12.2Kbps_Left Cheek_Ch1513_2D

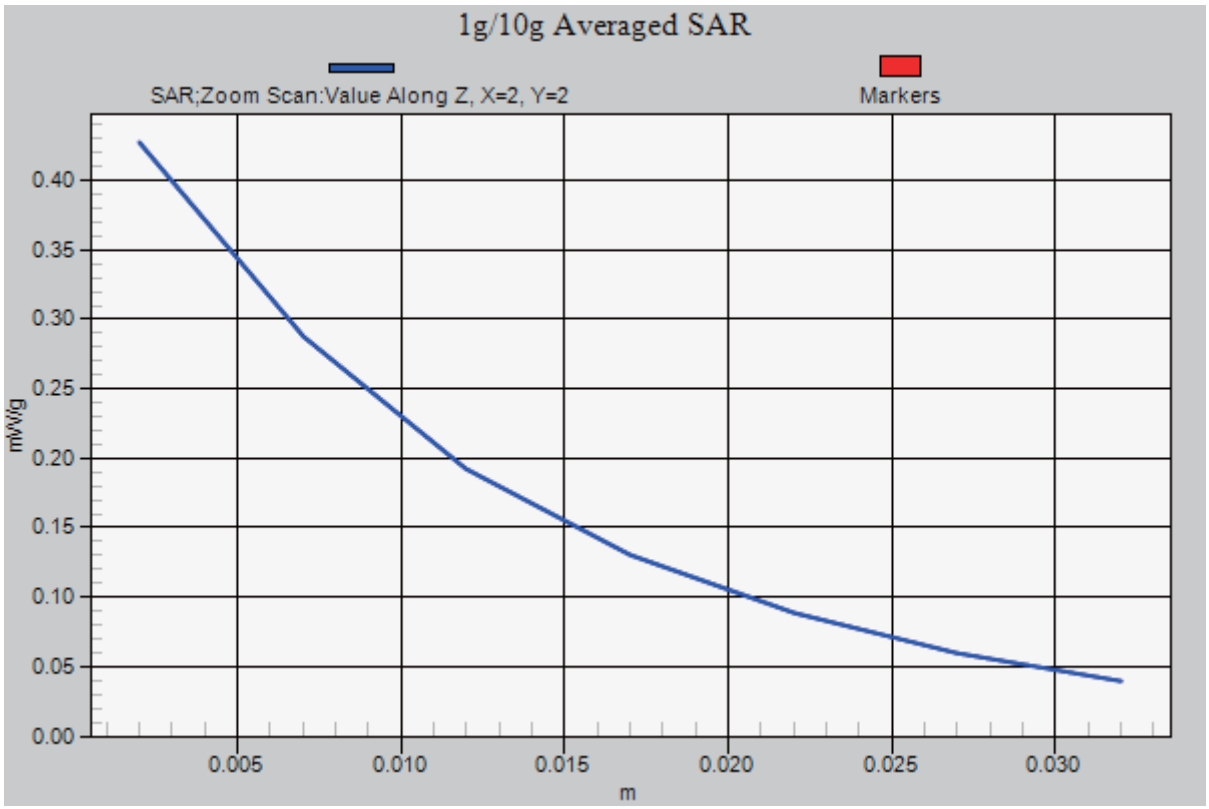
DUT: 2D2505

Communication System: UMTS; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750_130111 Medium parameters used: f = 1753 MHz; σ = 1.377 mho/m; ε_r = 41.374; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.14, 8.14, 8.14); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1513/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.459 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.723 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.508 W/kg
SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.210 mW/g
Maximum value of SAR (measured) = 0.427 mW/g


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

#16 WCDMA Band IV_RMC12.2Kbps_Left Tilted_Ch1513

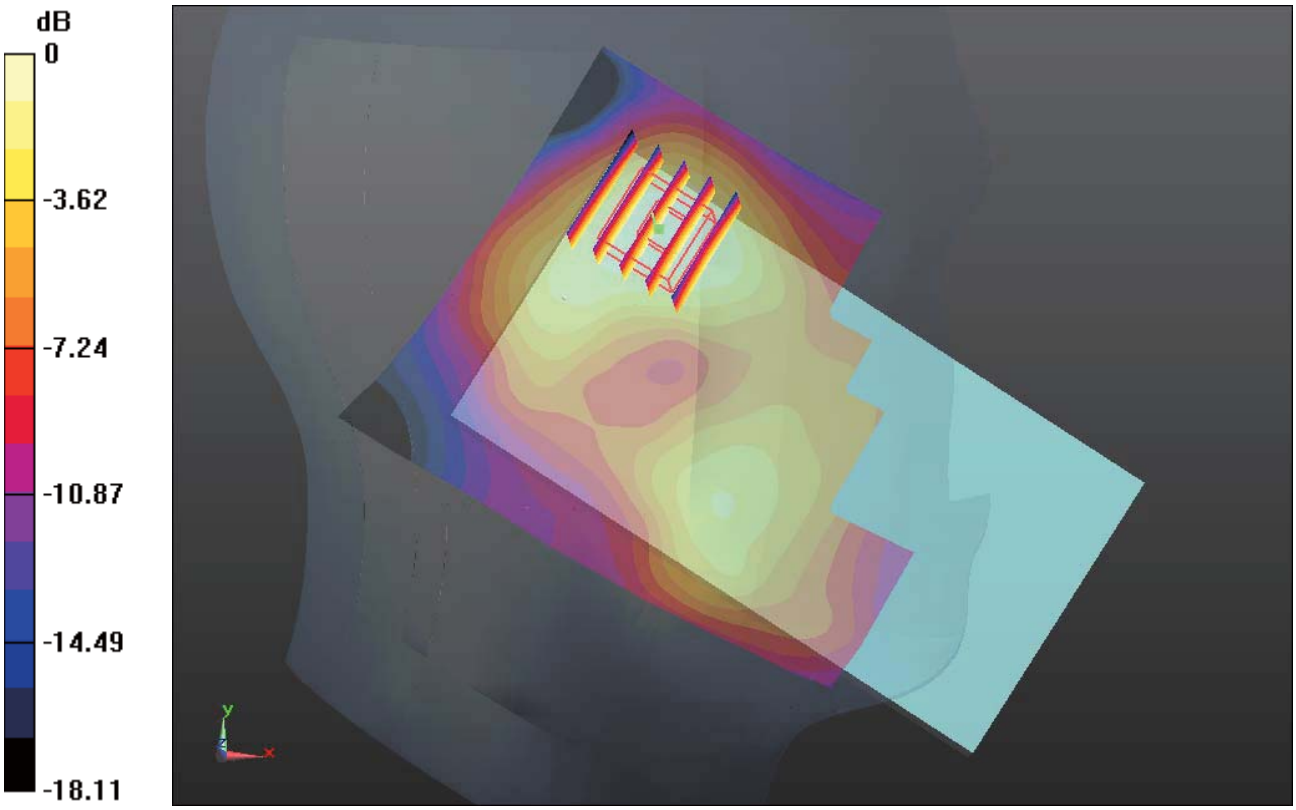
DUT: 2D2505

Communication System: UMTS; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750_130111 Medium parameters used: f = 1753 MHz; σ = 1.377 mho/m; ε_r = 41.374; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.14, 8.14, 8.14); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1513/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.219 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.921 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.244 W/kg
SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.099 mW/g
Maximum value of SAR (measured) = 0.204 mW/g



0 dB = 0.200mW/g

#17 WCDMA Band II_RMC12.2Kbps_Right Check_Ch9262

DUT: 2D2505

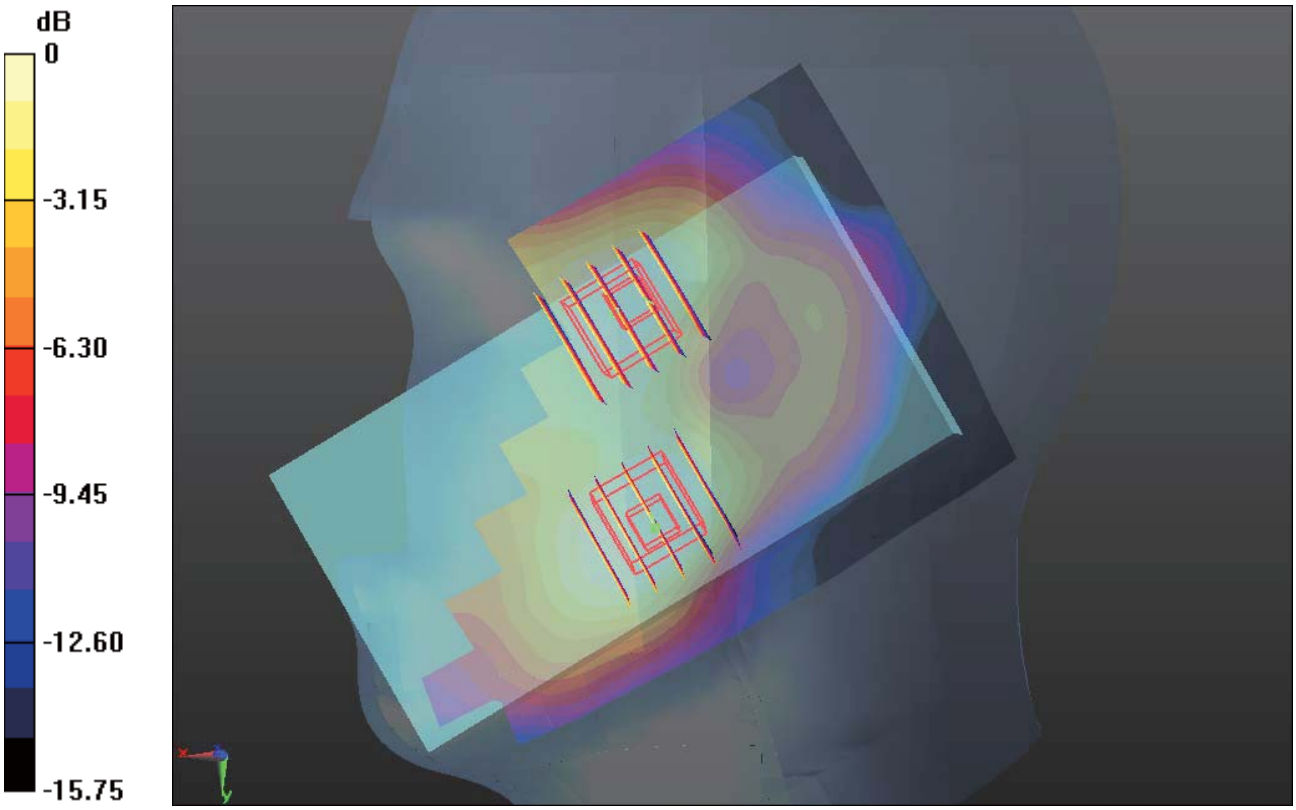
Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130111 Medium parameters used: f = 1852.4 MHz; σ = 1.377 mho/m; ε_r = 39.08; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.333 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.619 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.380 W/kg
SAR(1 g) = 0.247 mW/g; SAR(10 g) = 0.150 mW/g
Maximum value of SAR (measured) = 0.320 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.619 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.295 W/kg
SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.119 mW/g
Maximum value of SAR (measured) = 0.244 mW/g



0 dB = 0.240mW/g

#18 WCDMA Band II_RMC12.2Kbps_Right Tilted_Ch9262

DUT: 2D2505

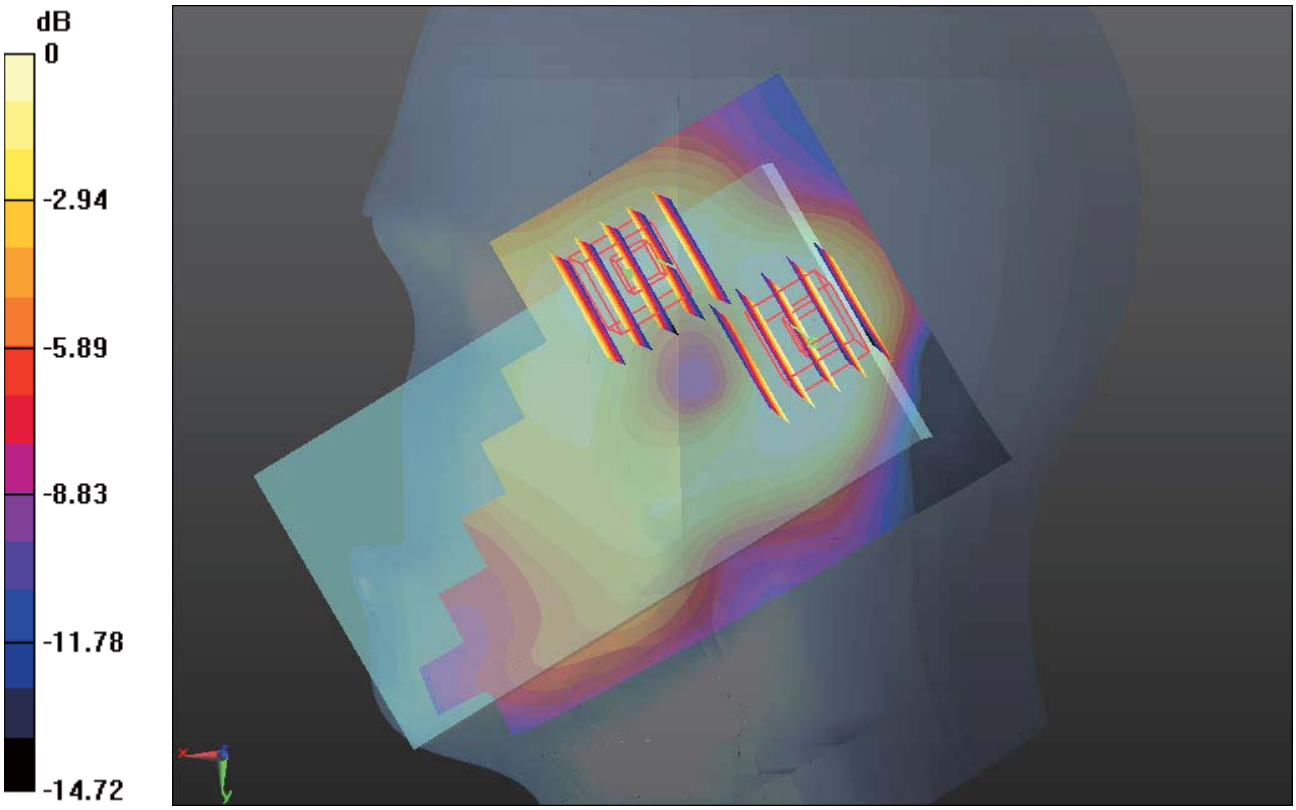
Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130111 Medium parameters used: f = 1852.4 MHz; σ = 1.377 mho/m; ε_r = 39.08; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.198 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.923 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.232 W/kg
SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.087 mW/g
Maximum value of SAR (measured) = 0.191 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.923 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.150 W/kg
SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.062 mW/g
Maximum value of SAR (measured) = 0.126 mW/g



0 dB = 0.130mW/g

#19 WCDMA Band II_RMC12.2Kbps_Left Check_Ch9262

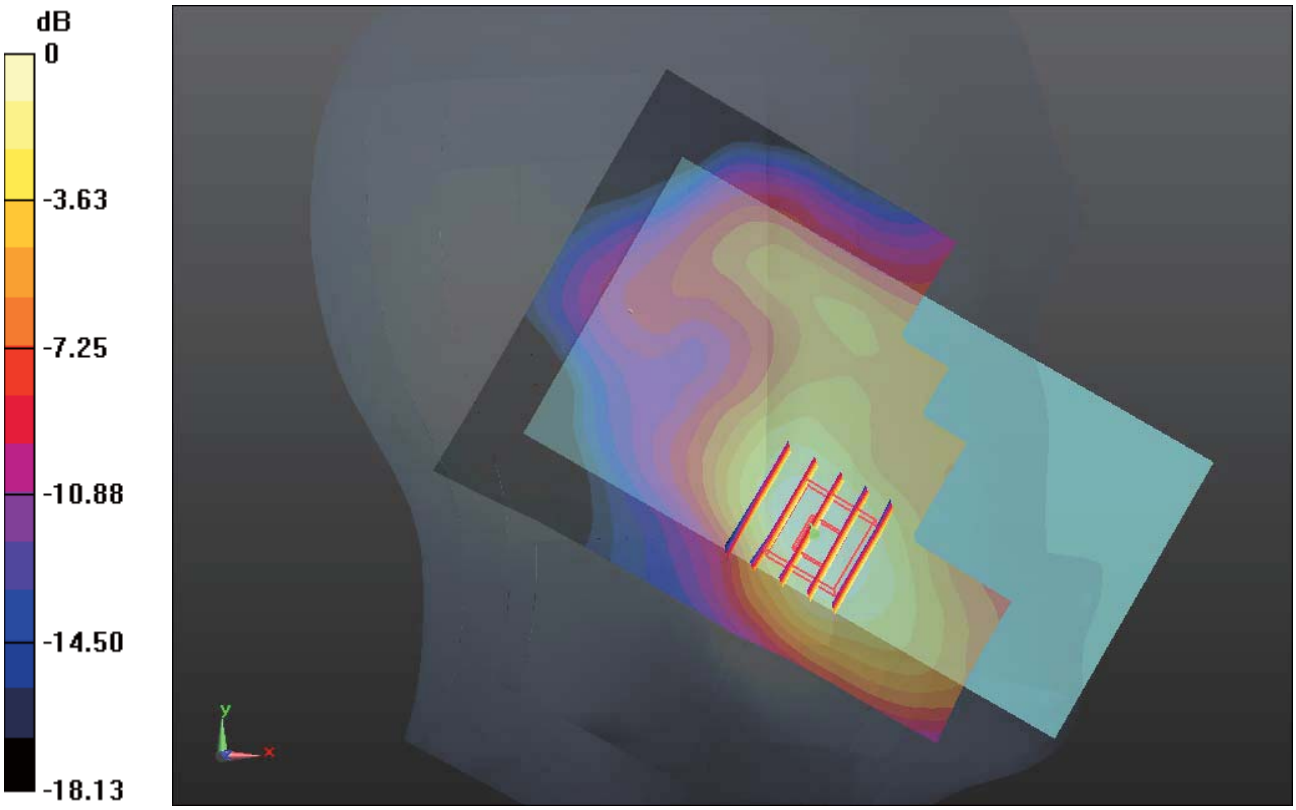
DUT: 2D2505

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130111 Medium parameters used: f = 1852.4 MHz; σ = 1.377 mho/m; ε_r = 39.08; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.577 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.438 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.653 W/kg
SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.260 mW/g
Maximum value of SAR (measured) = 0.543 mW/g



0 dB = 0.540mW/g

#19 WCDMA Band II_RMC12.2Kbps_Left Check_Ch9262_2D

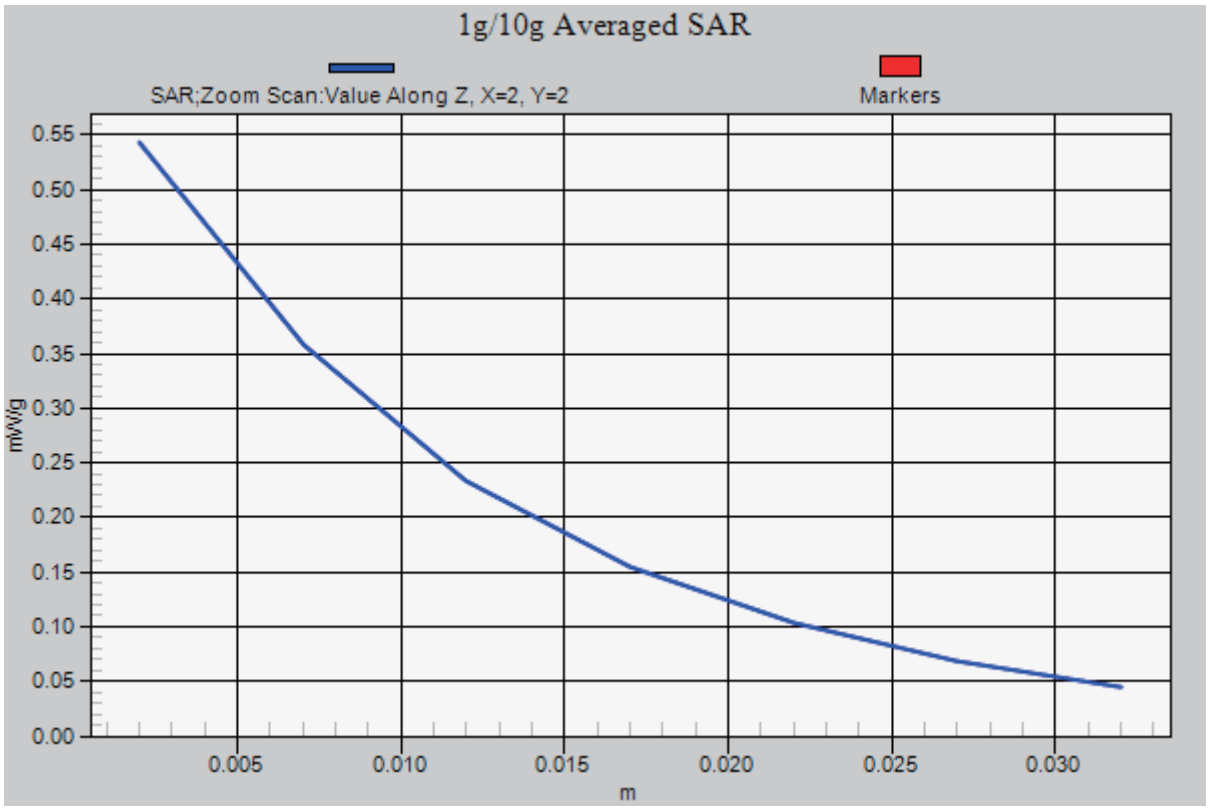
DUT: 2D2505

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130111 Medium parameters used: f = 1852.4 MHz; σ = 1.377 mho/m; ε_r = 39.08; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.577 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.438 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.653 W/kg
SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.260 mW/g
Maximum value of SAR (measured) = 0.543 mW/g


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

#20 WCDMA Band II_RMC12.2Kbps_Left Tilted_Ch9262

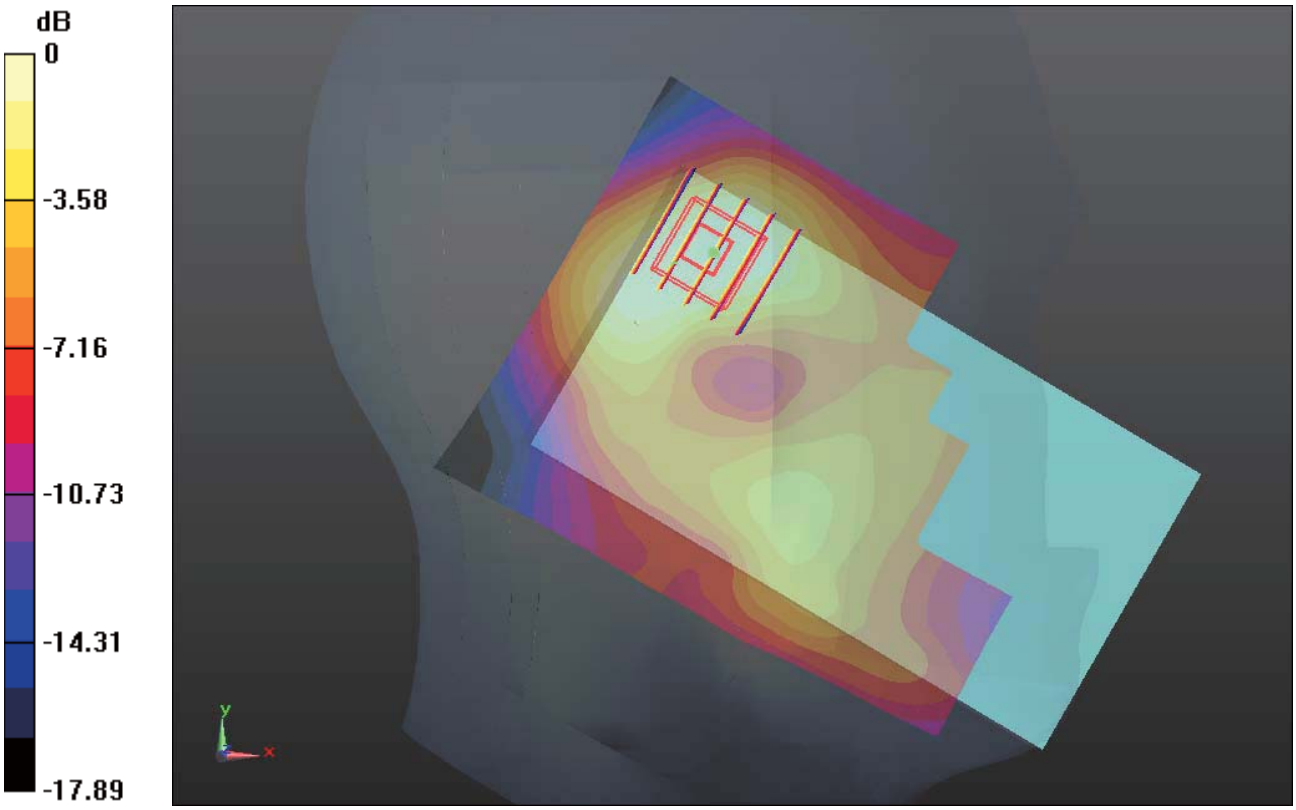
DUT: 2D2505

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130111 Medium parameters used: f = 1852.4 MHz; σ = 1.377 mho/m; ε_r = 39.08; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.230 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.973 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.256 W/kg
SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.104 mW/g
Maximum value of SAR (measured) = 0.215 mW/g



0 dB = 0.210mW/g

#21 802.11b_Right Cheek_Ch1

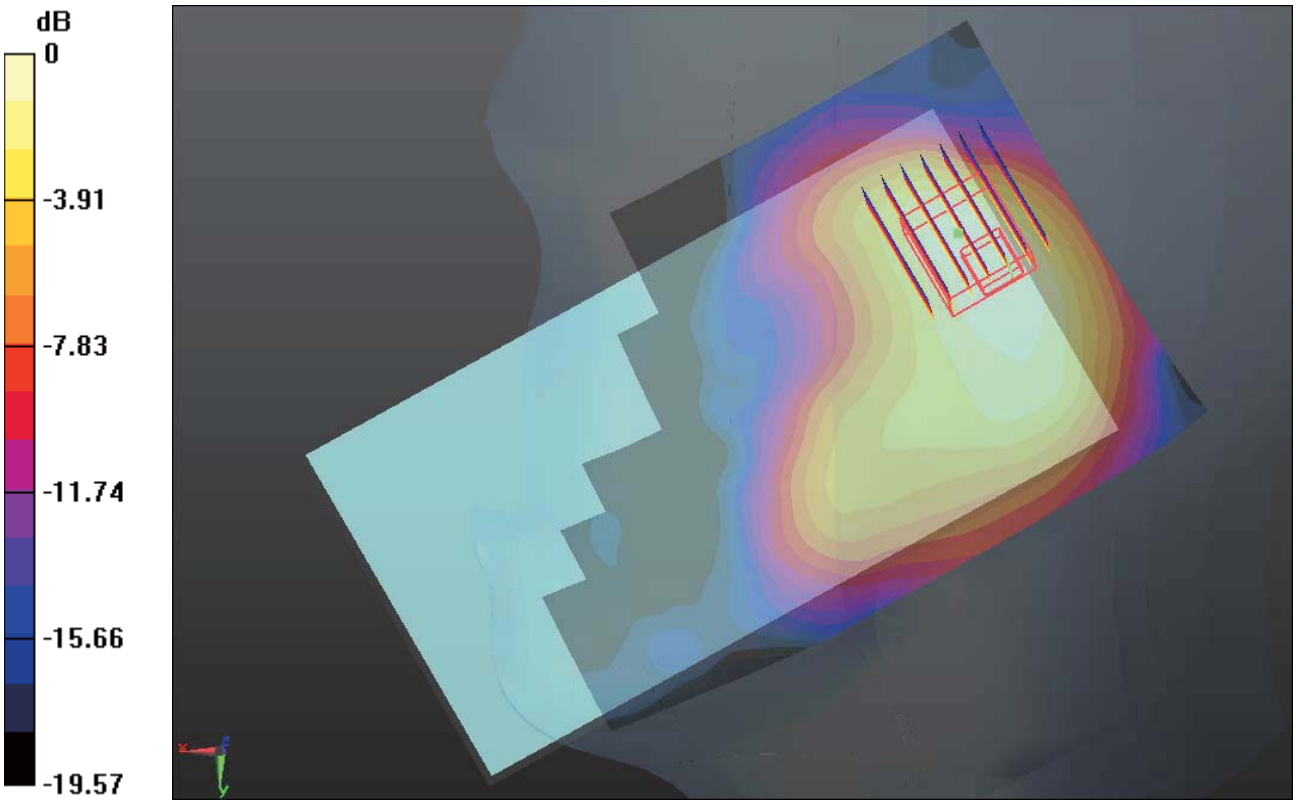
DUT: 2D2505

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130204 Medium parameters used: f = 2412 MHz; σ = 1.795 mho/m; ε_r = 40.071; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (91x161x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.435 mW/g

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.161 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.530 W/kg
SAR(1 g) = 0.279 mW/g; SAR(10 g) = 0.147 mW/g
Maximum value of SAR (measured) = 0.400 mW/g



0 dB = 0.400mW/g

#22 802.11b_Right Tilted_Ch1

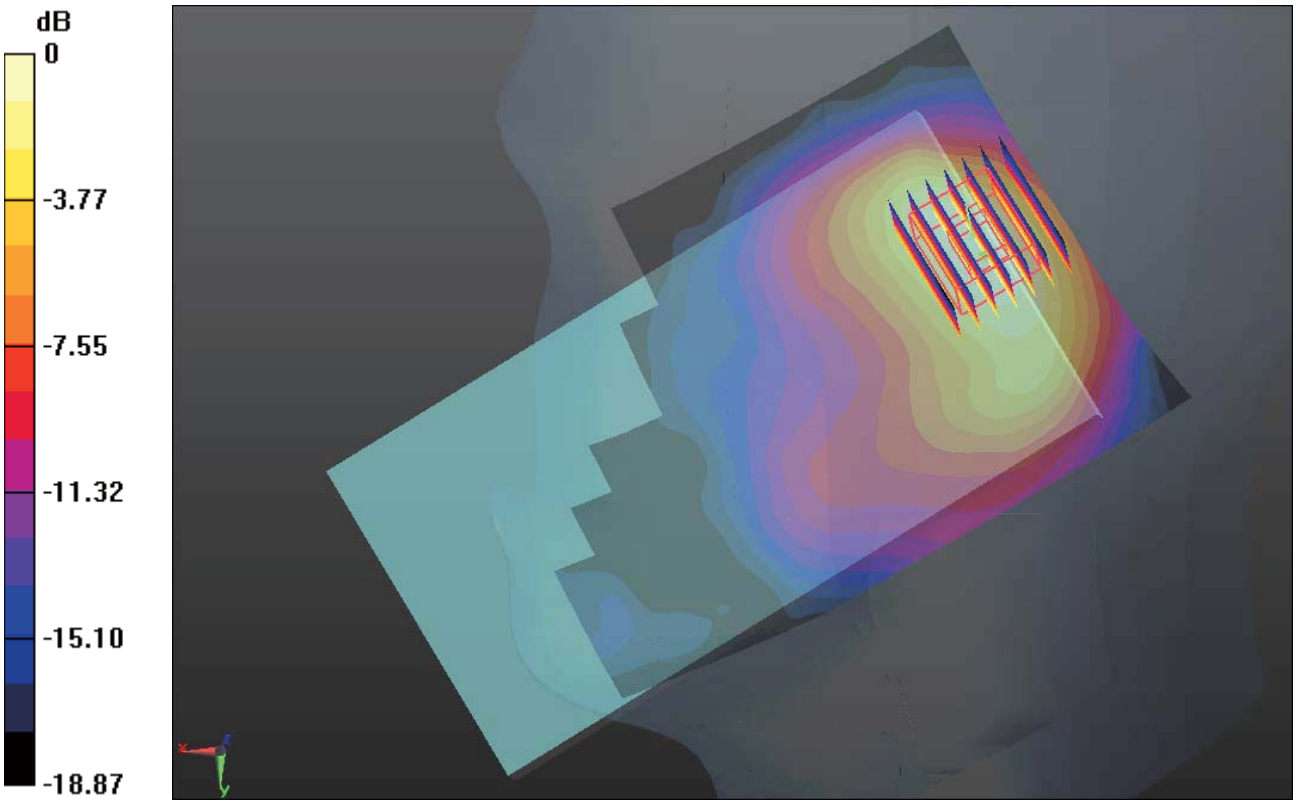
DUT: 2D2505

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130204 Medium parameters used: f = 2412 MHz; σ = 1.795 mho/m; ε_r = 40.071; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (91x161x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.389 mW/g

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.112 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.526 W/kg
SAR(1 g) = 0.281 mW/g; SAR(10 g) = 0.145 mW/g
Maximum value of SAR (measured) = 0.405 mW/g



0 dB = 0.400mW/g

#23 802.11b_Left Cheek_Ch1

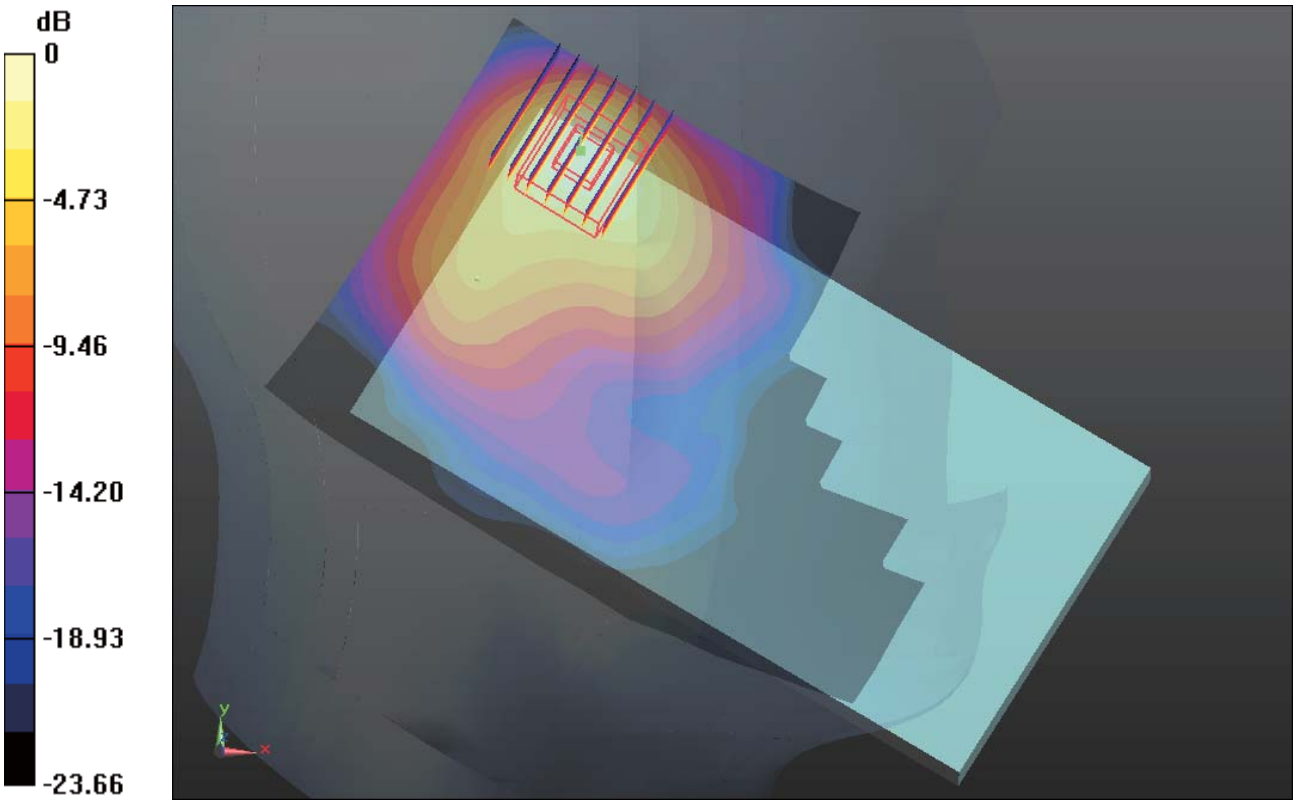
DUT: 2D2505

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130204 Medium parameters used: f = 2412 MHz; σ = 1.795 mho/m; ε_r = 40.071; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (91x161x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.105 mW/g

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.736 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.646 W/kg
SAR(1 g) = 0.711 mW/g; SAR(10 g) = 0.316 mW/g
Maximum value of SAR (measured) = 1.153 mW/g



0 dB = 1.150mW/g

#23 802.11b_Left Cheek_Ch1_2D

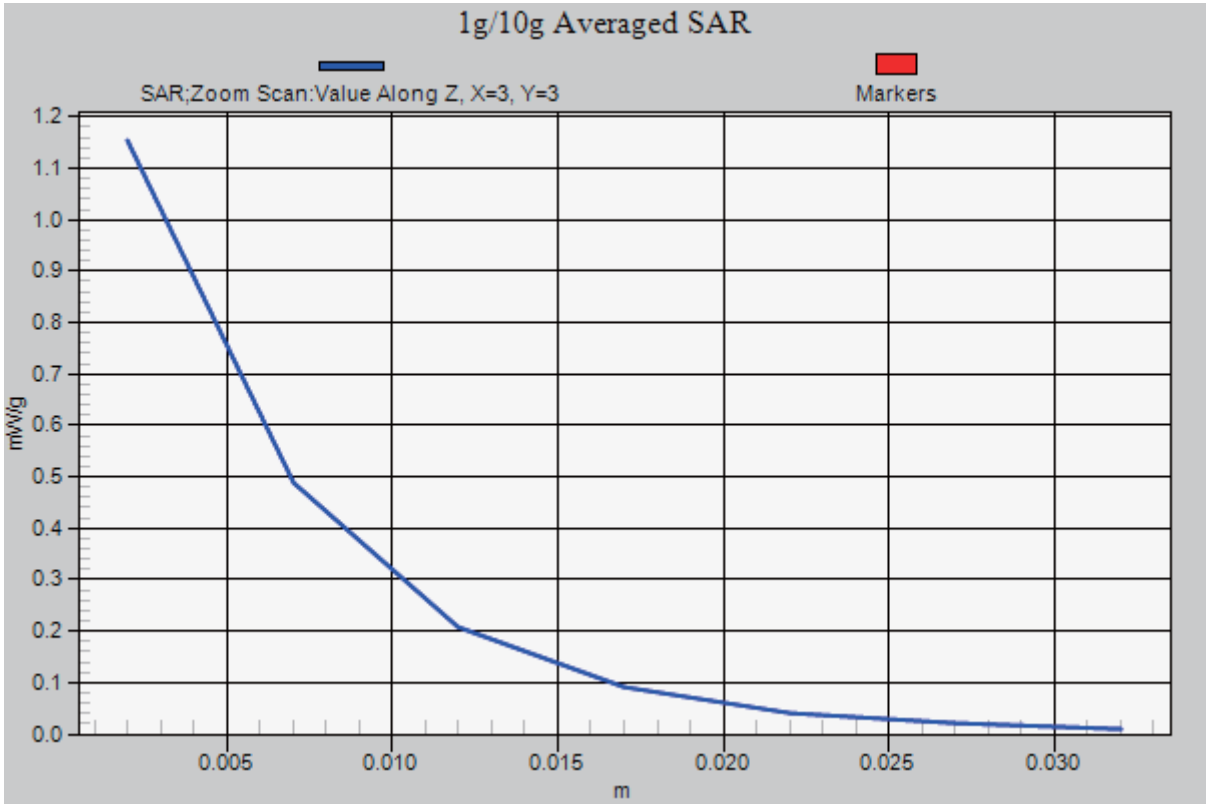
DUT: 2D2505

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130204 Medium parameters used: f = 2412 MHz; σ = 1.795 mho/m; ε_r = 40.071; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (91x161x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.105 mW/g

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.736 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.646 W/kg
SAR(1 g) = 0.711 mW/g; SAR(10 g) = 0.316 mW/g
Maximum value of SAR (measured) = 1.153 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=3, Y=3
Markers
mW/g
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
m

#24 802.11b_Left Tilted_Ch1

DUT: 2D2505

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130115 Medium parameters used: f = 2412 MHz; σ = 1.795 mho/m; ε_r = 40.071; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (91x161x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.667 mW/g

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.943 V/m; Power Drift = -0.006 dB
Peak SAR (extrapolated) = 0.983 W/kg
SAR(1 g) = 0.430 mW/g; SAR(10 g) = 0.195 mW/g
Maximum value of SAR (measured) = 0.674 mW/g

0 dB = 0.670mW/g

#25 GSM850_GPRS (4 Tx slots)_Front 1cm_Ch128

DUT: 2D2505

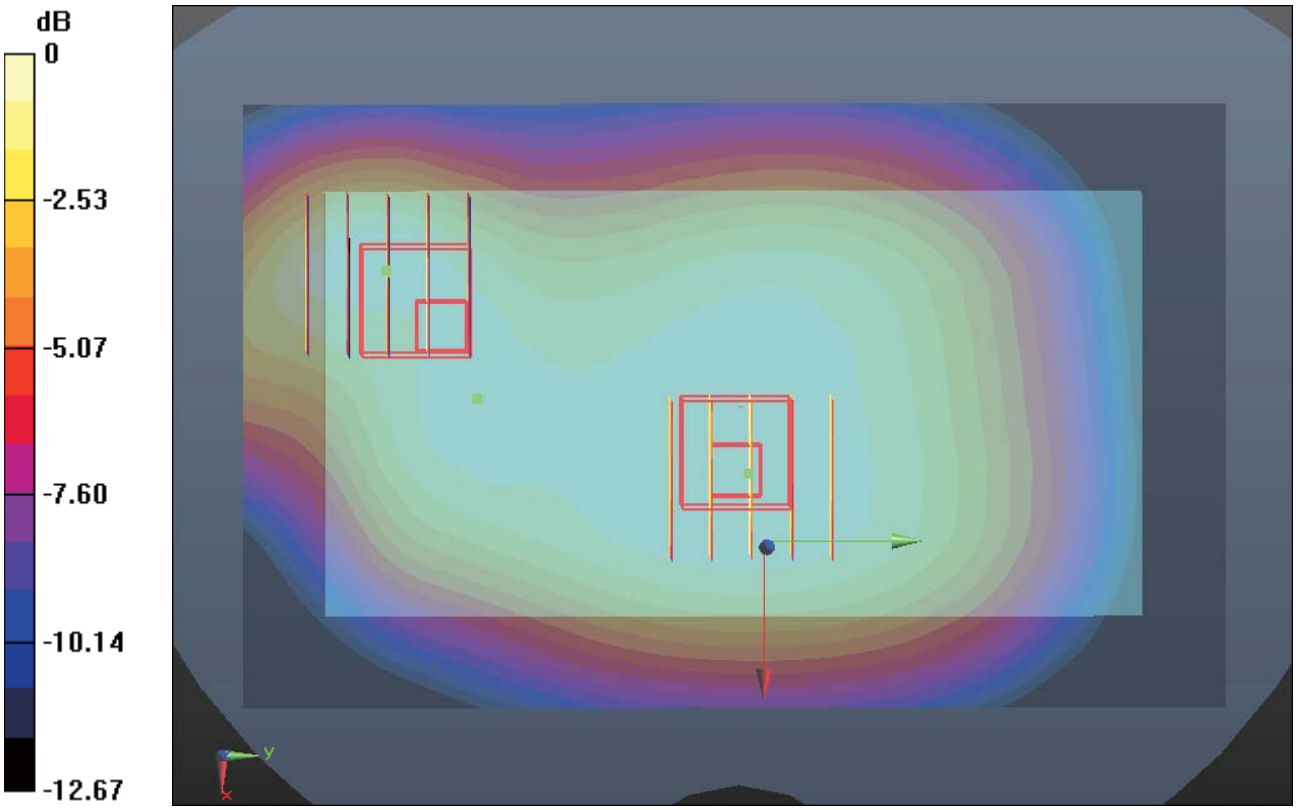
Communication System: GPRS/EDGE (4 Tx slots); Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_835_130111 Medium parameters used: f = 824.2 MHz; σ = 0.972 mho/m; ε_r = 54.967; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.540 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.155 V/m; Power Drift = 0.099 dB
Peak SAR (extrapolated) = 0.591 W/kg
SAR(1 g) = 0.475 mW/g; SAR(10 g) = 0.367 mW/g
Maximum value of SAR (measured) = 0.544 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.155 V/m; Power Drift = 0.099 dB
Peak SAR (extrapolated) = 0.635 W/kg
SAR(1 g) = 0.397 mW/g; SAR(10 g) = 0.251 mW/g
Maximum value of SAR (measured) = 0.519 mW/g



0 dB = 0.520mW/g

#26 GSM850_GPRS (4 Tx slots)_Back 1cm_Ch128

DUT: 2D2505

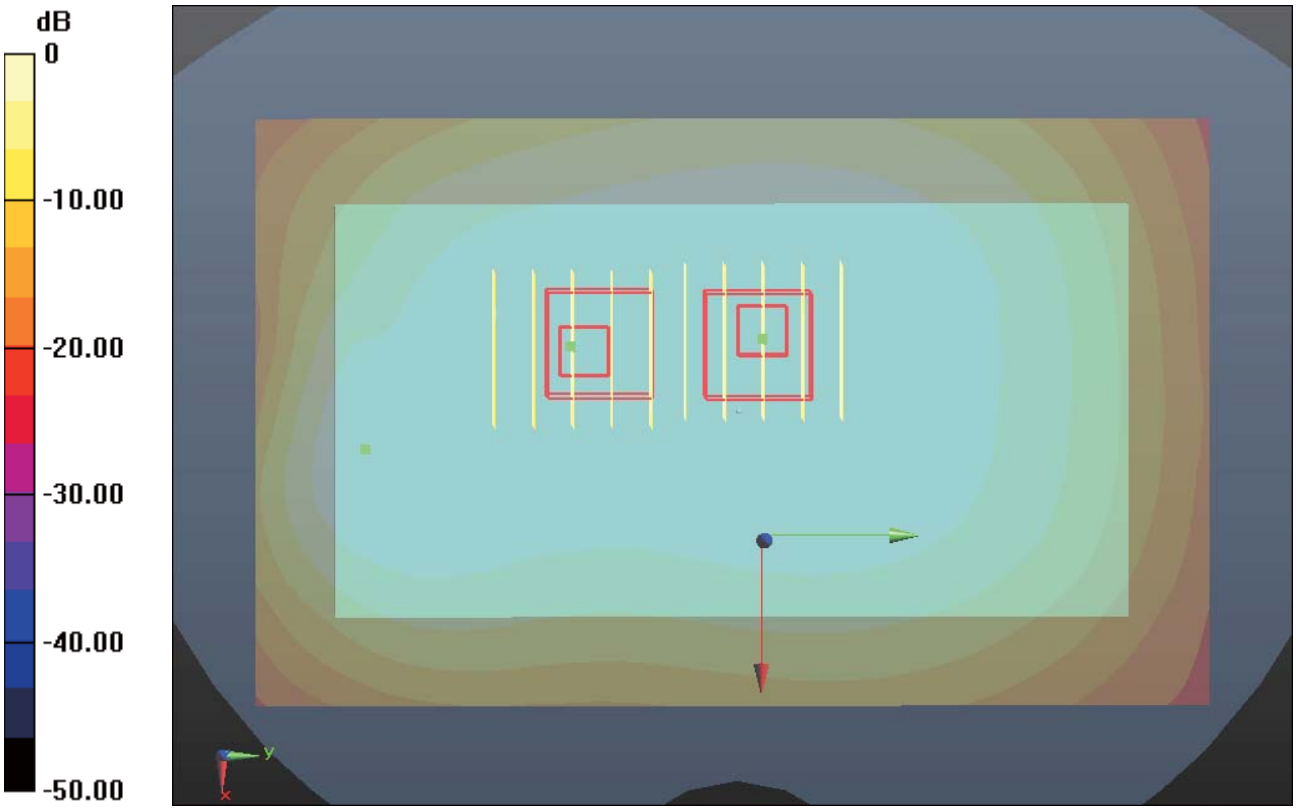
Communication System: GPRS/EDGE (4 Tx slots); Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_835_130111 Medium parameters used: f = 824.2 MHz; σ = 0.972 mho/m; ε_r = 54.967; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.072 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.333 V/m; Power Drift = -0.046 dB
Peak SAR (extrapolated) = 1.189 W/kg
SAR(1 g) = 0.935 mW/g; SAR(10 g) = 0.719 mW/g
Maximum value of SAR (measured) = 1.075 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.333 V/m; Power Drift = -0.046 dB
Peak SAR (extrapolated) = 1.094 W/kg
SAR(1 g) = 0.871 mW/g; SAR(10 g) = 0.677 mW/g
Maximum value of SAR (measured) = 0.989 mW/g



0 dB = 0.990mW/g

#27 GSM850_GPRS (4 Tx slots)_Left Side 1cm_Ch128

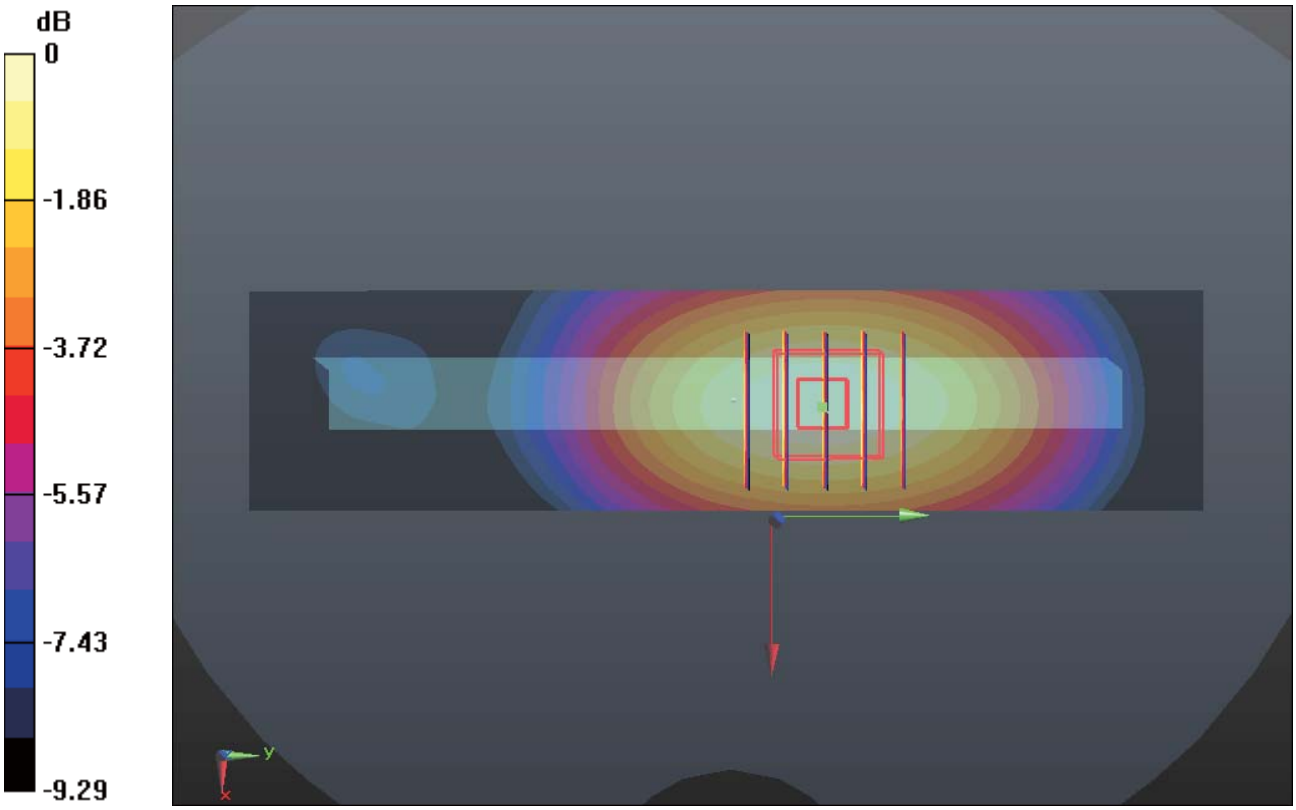
DUT: 2D2505

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_835_130111 Medium parameters used: f = 824.2 MHz; σ = 0.972 mho/m; ε_r = 54.967; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; 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: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (31x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.381 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.453 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.441 W/kg
SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.221 mW/g
Maximum value of SAR (measured) = 0.386 mW/g



0 dB = 0.390mW/g

#28 GSM850_GPRS (4 Tx slots)_Right Side 1cm_Ch128

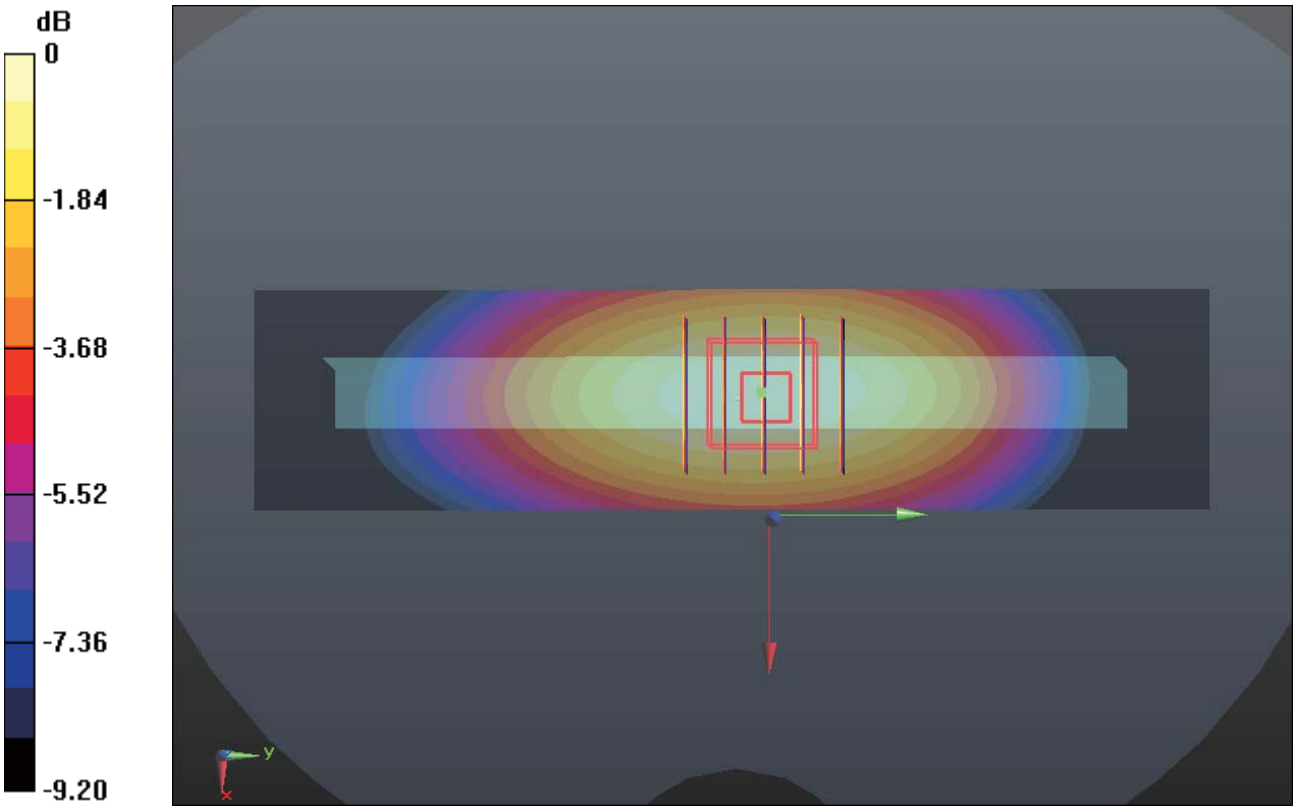
DUT: 2D2505

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_835_130111 Medium parameters used: f = 824.2 MHz; σ = 0.972 mho/m; ε_r = 54.967; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; 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: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (31x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.704 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.384 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.812 W/kg
SAR(1 g) = 0.586 mW/g; SAR(10 g) = 0.409 mW/g
Maximum value of SAR (measured) = 0.713 mW/g



0 dB = 0.710mW/g

#29 GSM850_GPRS (4 Tx slots)_Bottom Side 1cm_Ch128

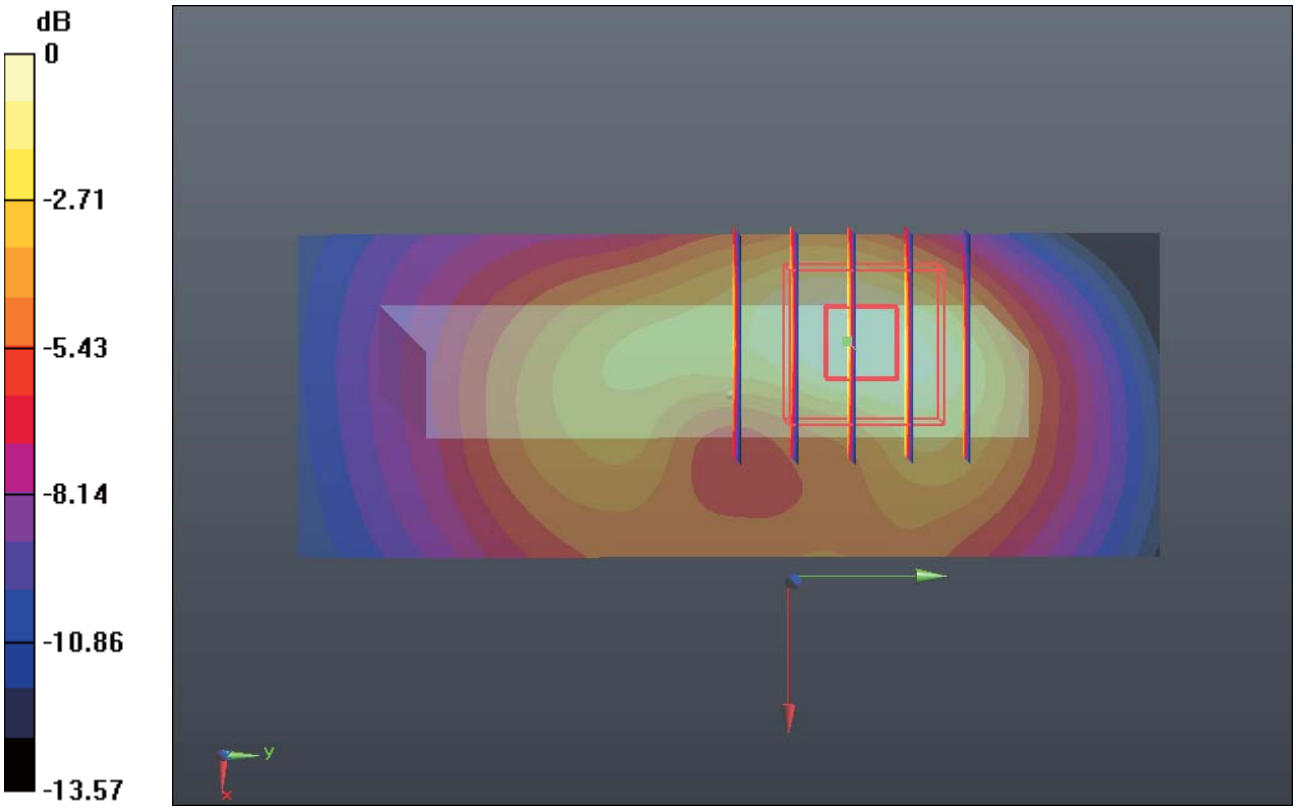
DUT: 2D2505

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_835_130111 Medium parameters used: f = 824.2 MHz; σ = 0.972 mho/m; ε_r = 54.967; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; 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: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.376 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.057 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.471 W/kg
SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.156 mW/g
Maximum value of SAR (measured) = 0.377 mW/g



0 dB = 0.380mW/g

#30 GSM850_GPRS (4 Tx slots)_Back 1cm_Ch189

DUT: 2D2505

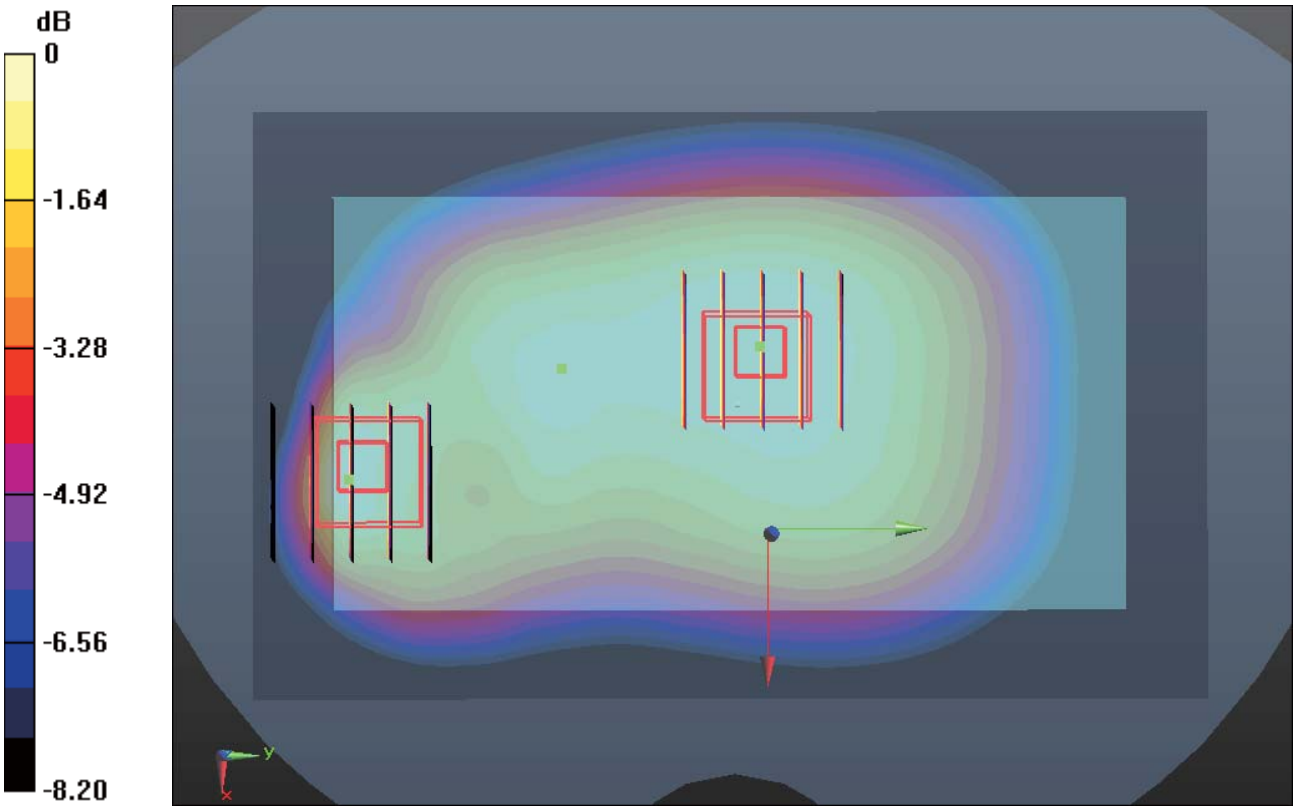
Communication System: GPRS/EDGE (4 Tx slots); Frequency: 836.4 MHz;Duty Cycle: 1:2
Medium: MSL_835_130111 Medium parameters used: f = 836.4 MHz; σ = 0.984 mho/m; ε_r = 54.85; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch189/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.166 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.973 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.639 W/kg
SAR(1 g) = 0.968 mW/g; SAR(10 g) = 0.544 mW/g
Maximum value of SAR (measured) = 1.263 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.973 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.200 W/kg
SAR(1 g) = 0.946 mW/g; SAR(10 g) = 0.724 mW/g
Maximum value of SAR (measured) = 1.093 mW/g



0 dB = 1.090mW/g

#31 GSM850_GPRS (4 Tx slots)_Back 1cm_Ch251

DUT: 2D2505

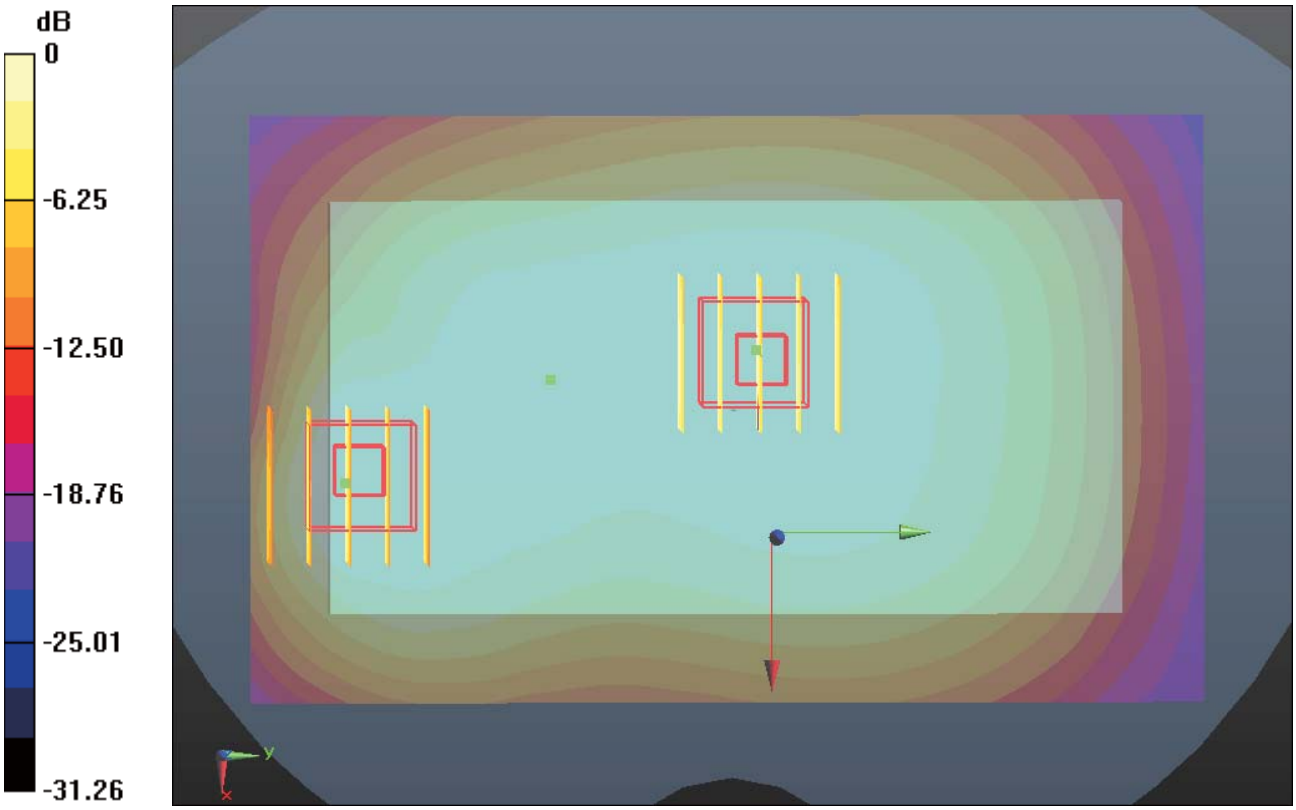
Communication System: GPRS/EDGE (4 Tx slots); Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_835_130111 Medium parameters used: f = 849 MHz; σ = 0.997 mho/m; ε_r = 54.718; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.354 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.412 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.878 W/kg
SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.617 mW/g
Maximum value of SAR (measured) = 1.436 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.412 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.200 W/kg
SAR(1 g) = 0.948 mW/g; SAR(10 g) = 0.715 mW/g
Maximum value of SAR (measured) = 1.087 mW/g



0 dB = 1.090mW/g

#32 GSM850_DTM11_Back 1cm_Ch251

DUT: 2D2505

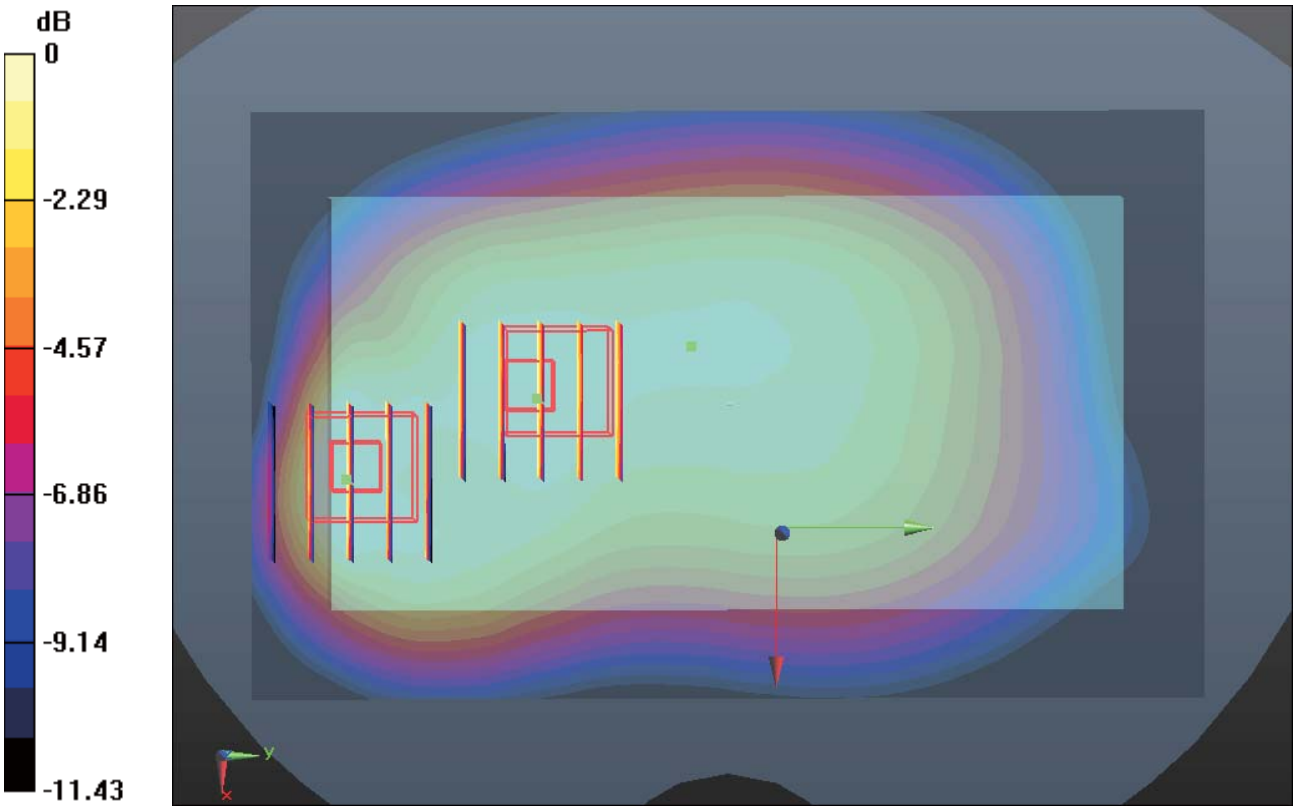
Communication System: GPRS/EDGE (3 Tx slots); Frequency: 848.8 MHz;Duty Cycle: 1:2.7
Medium: MSL_835_130111 Medium parameters used: f = 849 MHz; σ = 0.997 mho/m; ε_r = 54.718; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.470 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.691 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.902 W/kg
SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.657 mW/g
Maximum value of SAR (measured) = 1.543 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.691 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.243 W/kg
SAR(1 g) = 0.948 mW/g; SAR(10 g) = 0.703 mW/g
Maximum value of SAR (measured) = 1.099 mW/g



0 dB = 1.100mW/g

#32 GSM850_DTM11_Back 1cm_Ch251_2D

DUT: 2D2505

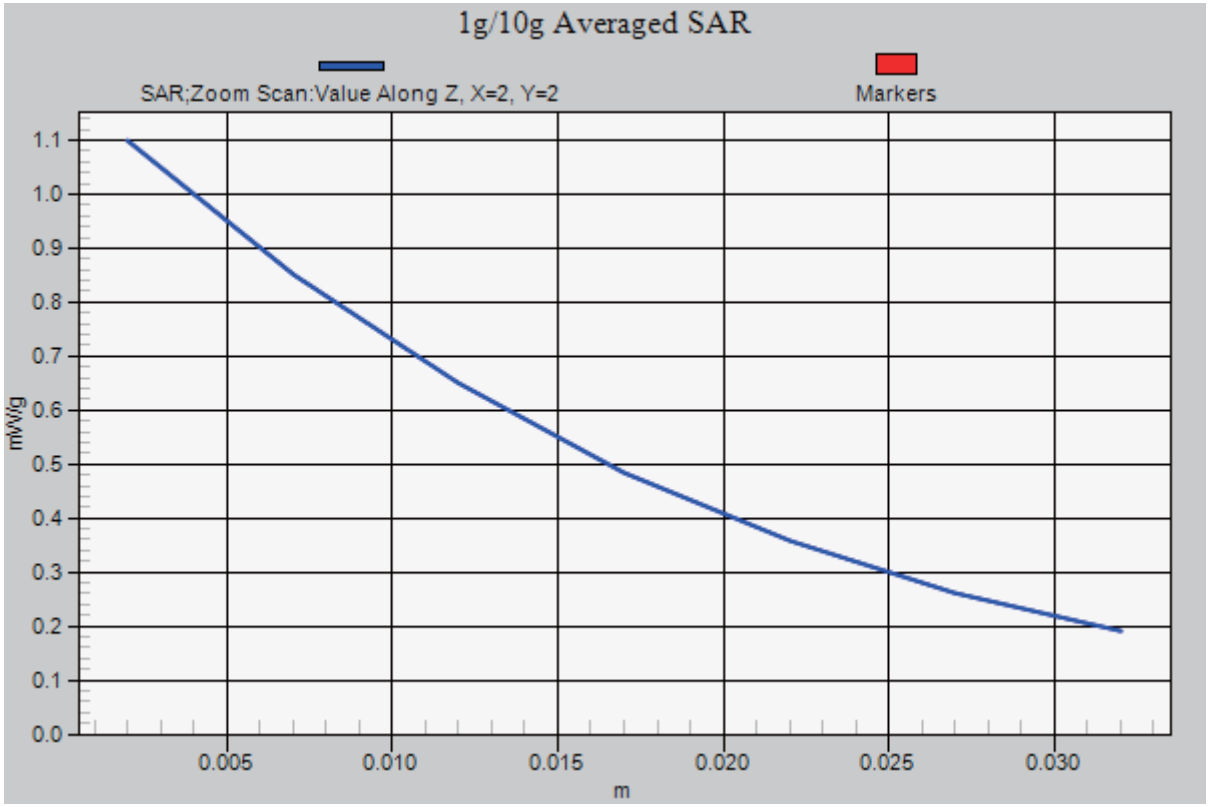
Communication System: GPRS/EDGE (3 Tx slots); Frequency: 848.8 MHz;Duty Cycle: 1:2.7
Medium: MSL_835_130111 Medium parameters used: f = 849 MHz; σ = 0.997 mho/m; ε_r = 54.718; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.470 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.691 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.902 W/kg
SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.657 mW/g
Maximum value of SAR (measured) = 1.543 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.691 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.243 W/kg
SAR(1 g) = 0.948 mW/g; SAR(10 g) = 0.703 mW/g
Maximum value of SAR (measured) = 1.099 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
m

#33 GSM850_DTM11_Back 1cm_Ch251_Repeat Sar

DUT: 2D2505

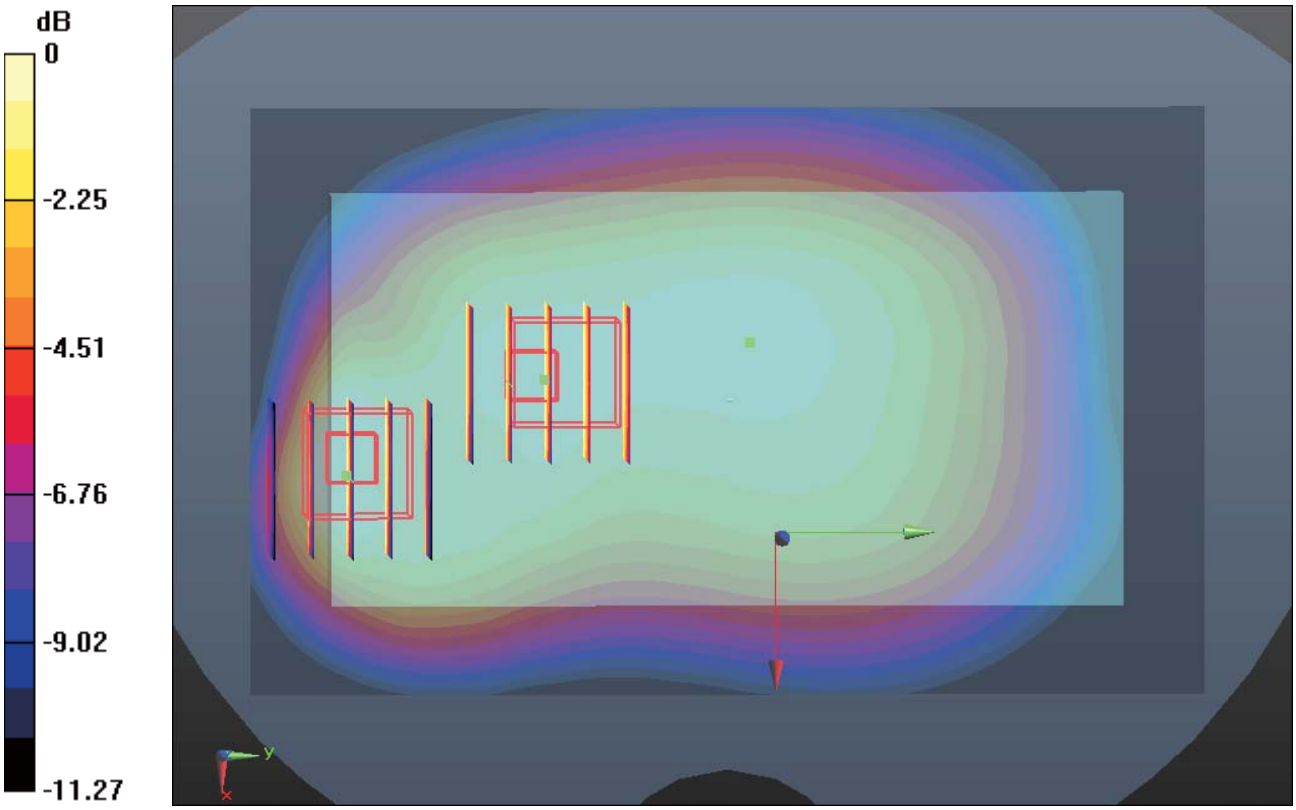
Communication System: GPRS/EDGE (3 Tx slots); Frequency: 848.8 MHz;Duty Cycle: 1:2.7
Medium: MSL_835_130111 Medium parameters used: f = 849 MHz; σ = 0.997 mho/m; ε_r = 54.718; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.344 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.150 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.841 W/kg
SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.633 mW/g
Maximum value of SAR (measured) = 1.509 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.150 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.194 W/kg
SAR(1 g) = 0.922 mW/g; SAR(10 g) = 0.691 mW/g
Maximum value of SAR (measured) = 1.069 mW/g



0 dB = 1.070mW/g

#34 GSM850_DTM11_Back 1cm_Ch128

DUT: 2D2505

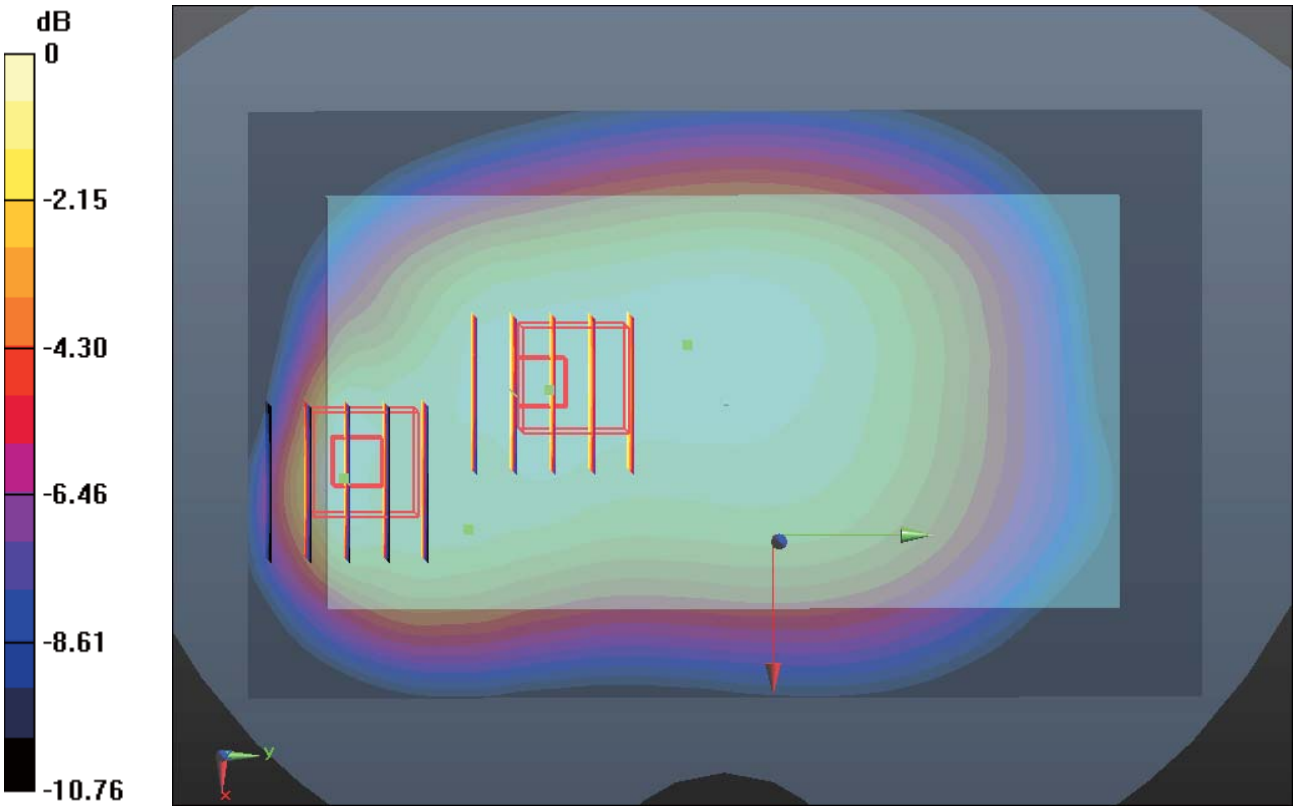
Communication System: GPRS/EDGE (3 Tx slots); Frequency: 824.2 MHz;Duty Cycle: 1:2.7
Medium: MSL_835_130111 Medium parameters used: f = 824.2 MHz; σ = 0.972 mho/m; ε_r = 54.967; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.112 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.526 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.472 W/kg
SAR(1 g) = 0.882 mW/g; SAR(10 g) = 0.515 mW/g
Maximum value of SAR (measured) = 1.171 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.526 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.118 W/kg
SAR(1 g) = 0.877 mW/g; SAR(10 g) = 0.670 mW/g
Maximum value of SAR (measured) = 1.006 mW/g



0 dB = 1.010mW/g

#35 GSM850_DTM11_Back 1cm_Ch189

DUT: 2D2505

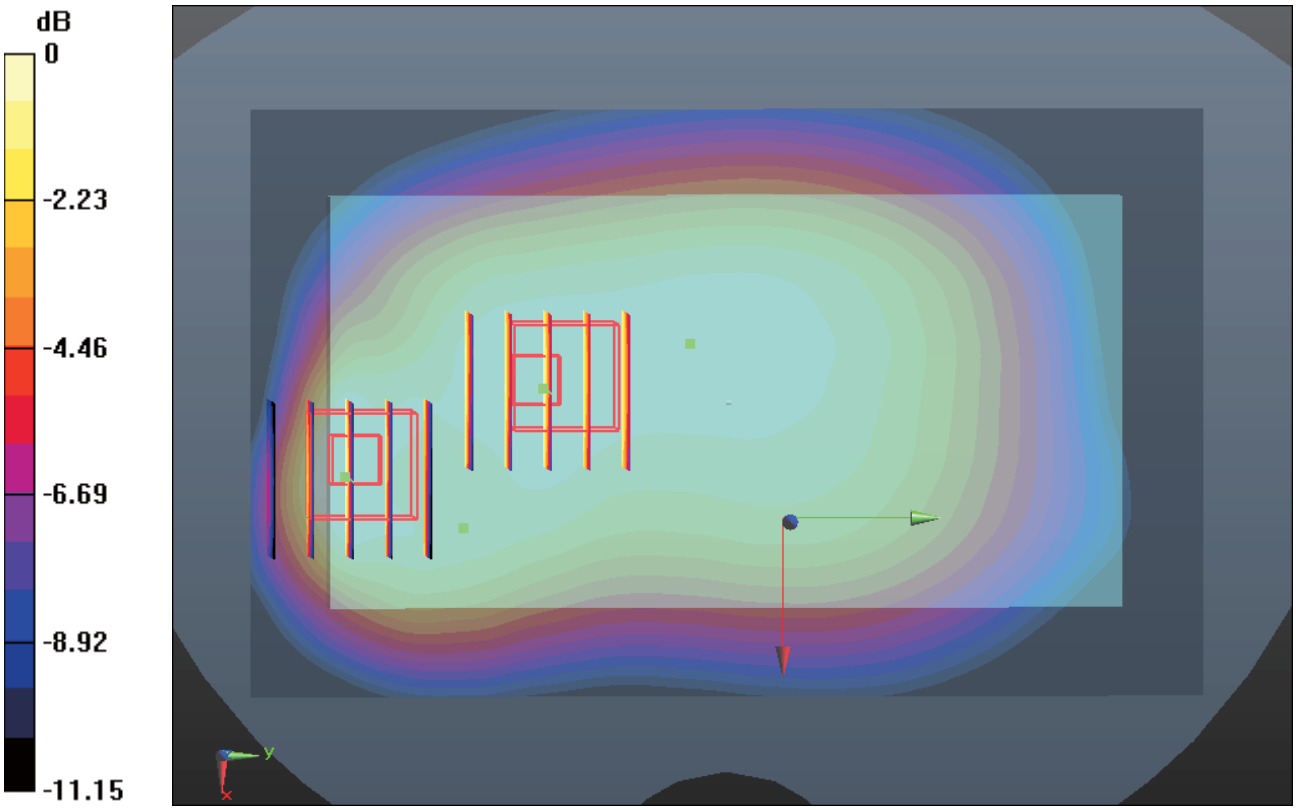
Communication System: GPRS/EDGE (3 Tx slots); Frequency: 836.4 MHz;Duty Cycle: 1:2.7
Medium: MSL_835_130111 Medium parameters used: f = 836.4 MHz; σ = 0.984 mho/m; ε_r = 54.85; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch189/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.322 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.578 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.712 W/kg
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.590 mW/g
Maximum value of SAR (measured) = 1.376 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.578 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.179 W/kg
SAR(1 g) = 0.917 mW/g; SAR(10 g) = 0.691 mW/g
Maximum value of SAR (measured) = 1.054 mW/g



0 dB = 1.050mW/g

#36 GSM1900_GPRS (4 Tx slots)_Front 1cm_Ch512

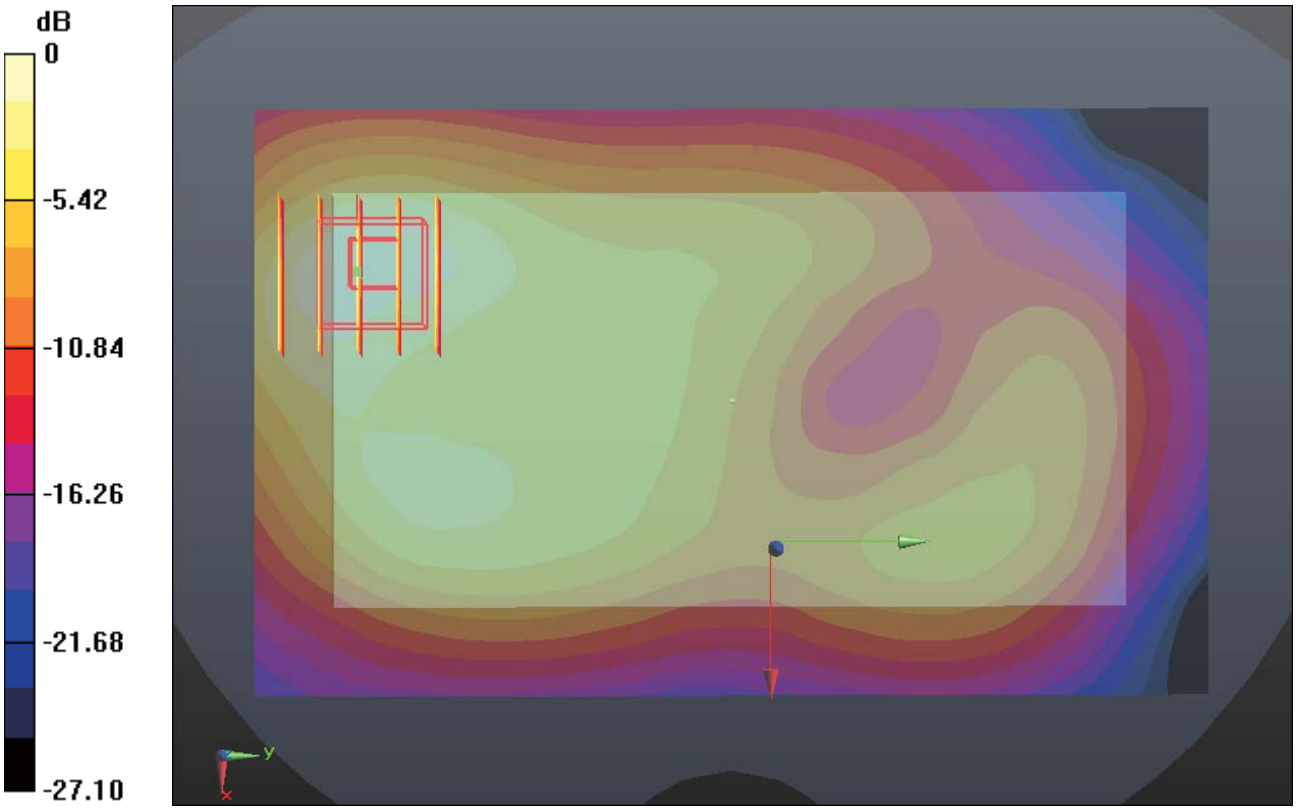
DUT: 2D2505

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130112 Medium parameters used: f = 1850.2 MHz; σ = 1.492 mho/m; ε_r = 53.424; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.059 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.158 V/m; Power Drift = 0.098 dB
Peak SAR (extrapolated) = 1.371 W/kg
SAR(1 g) = 0.797 mW/g; SAR(10 g) = 0.426 mW/g
Maximum value of SAR (measured) = 1.050 mW/g



0 dB = 1.050mW/g

#37 GSM1900_GPRS (4 Tx slots)_Back 1cm_Ch512

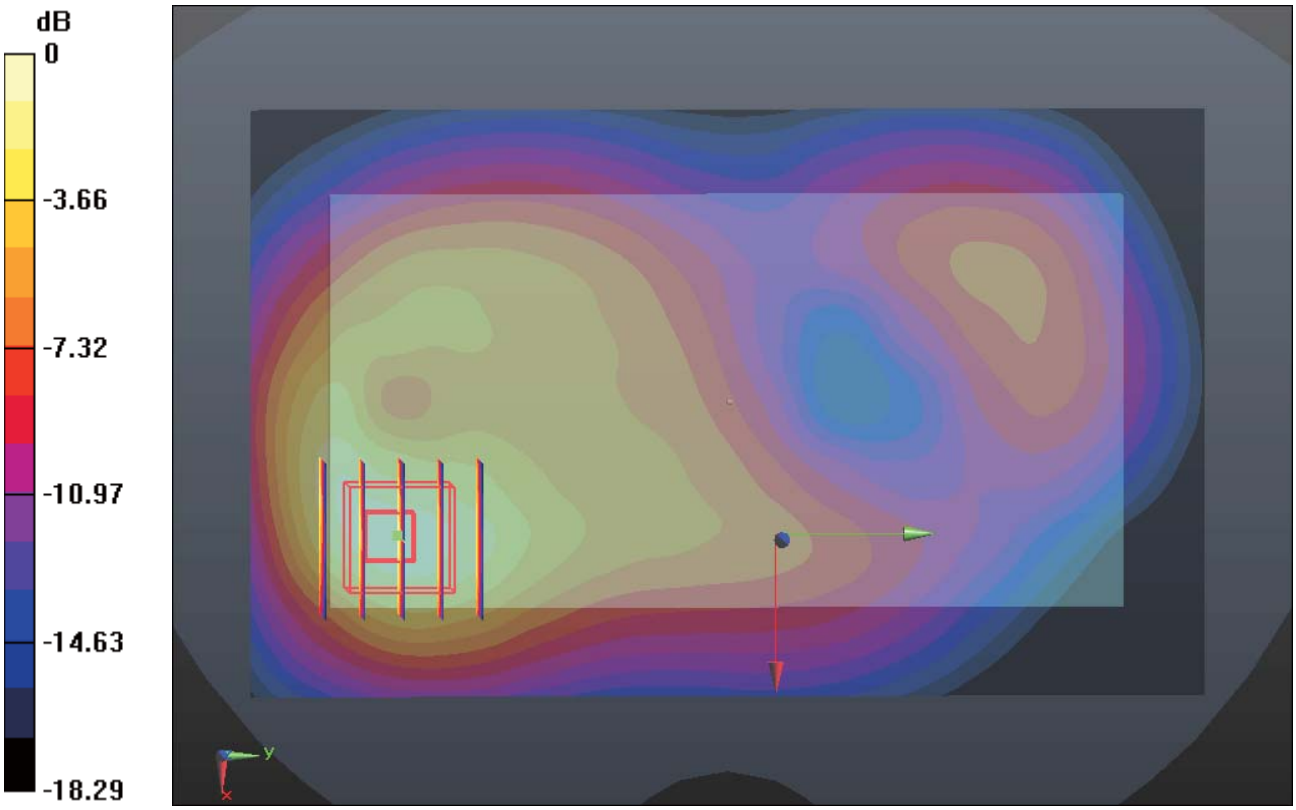
DUT: 2D2505

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130112 Medium parameters used: f = 1850.2 MHz; σ = 1.492 mho/m; ε_r = 53.424; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.512 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.688 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.939 W/kg
SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.615 mW/g
Maximum value of SAR (measured) = 1.534 mW/g



0 dB = 1.530mW/g

#37 GSM1900_GPRS (4 Tx slots)_Back 1cm_Ch512_2D

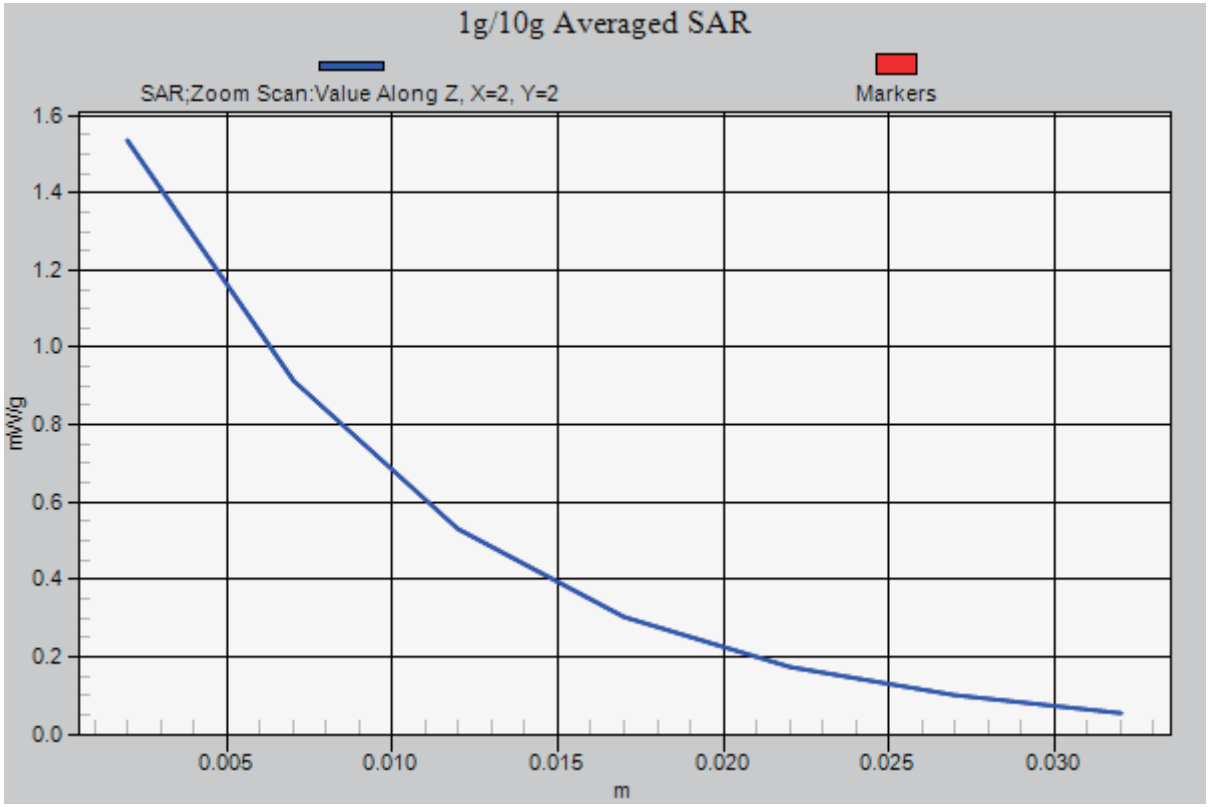
DUT: 2D2505

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130112 Medium parameters used: f = 1850.2 MHz; σ = 1.492 mho/m; ε_r = 53.424; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.512 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.688 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.939 W/kg
SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.615 mW/g
Maximum value of SAR (measured) = 1.534 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
m

#38 GSM1900_GPRS (4 Tx slots)_Back 1cm_Ch512_Repeat SAR

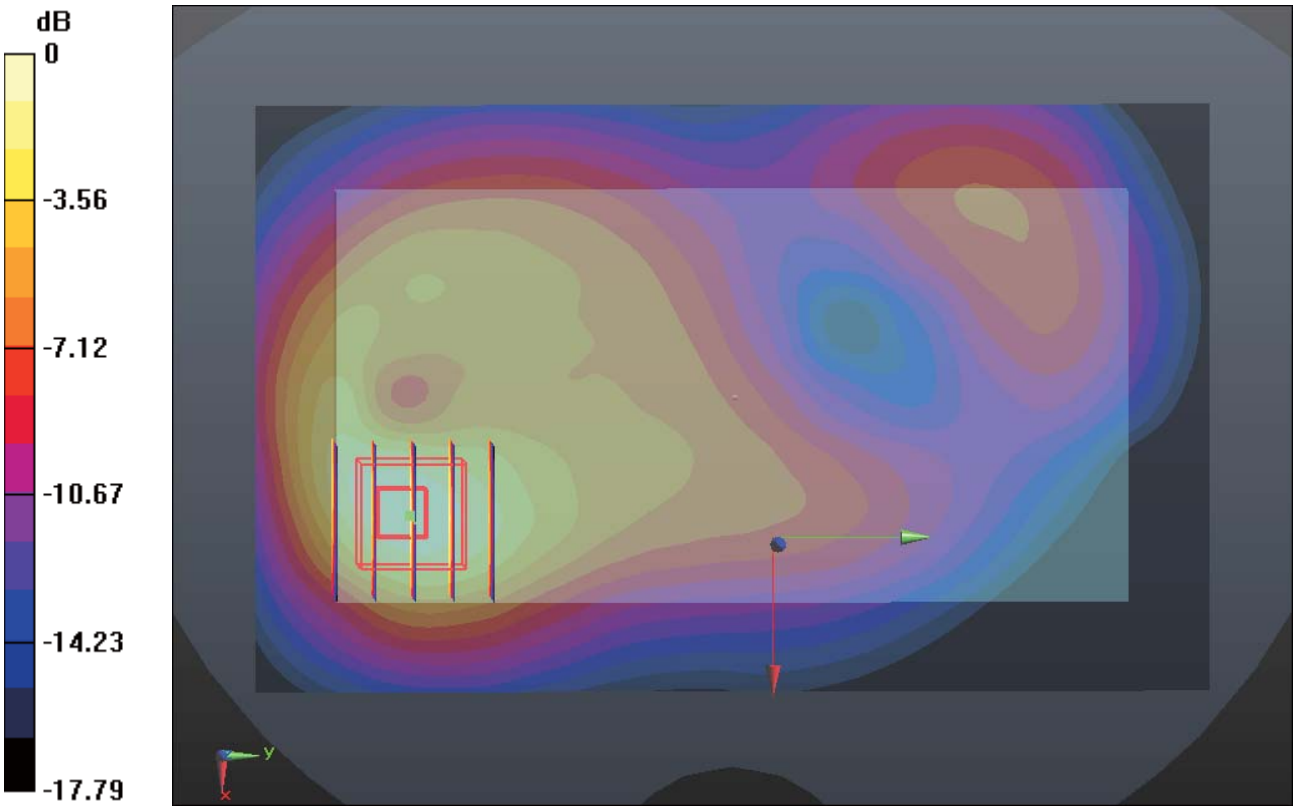
DUT: 2D2505

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130112 Medium parameters used: f = 1850.2 MHz; σ = 1.492 mho/m; ε_r = 53.424; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.523 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.687 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.927 W/kg
SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.611 mW/g
Maximum value of SAR (measured) = 1.524 mW/g



0 dB = 1.520mW/g

#39 GSM1900_GPRS (4 Tx slots)_Left Side 1cm_Ch512

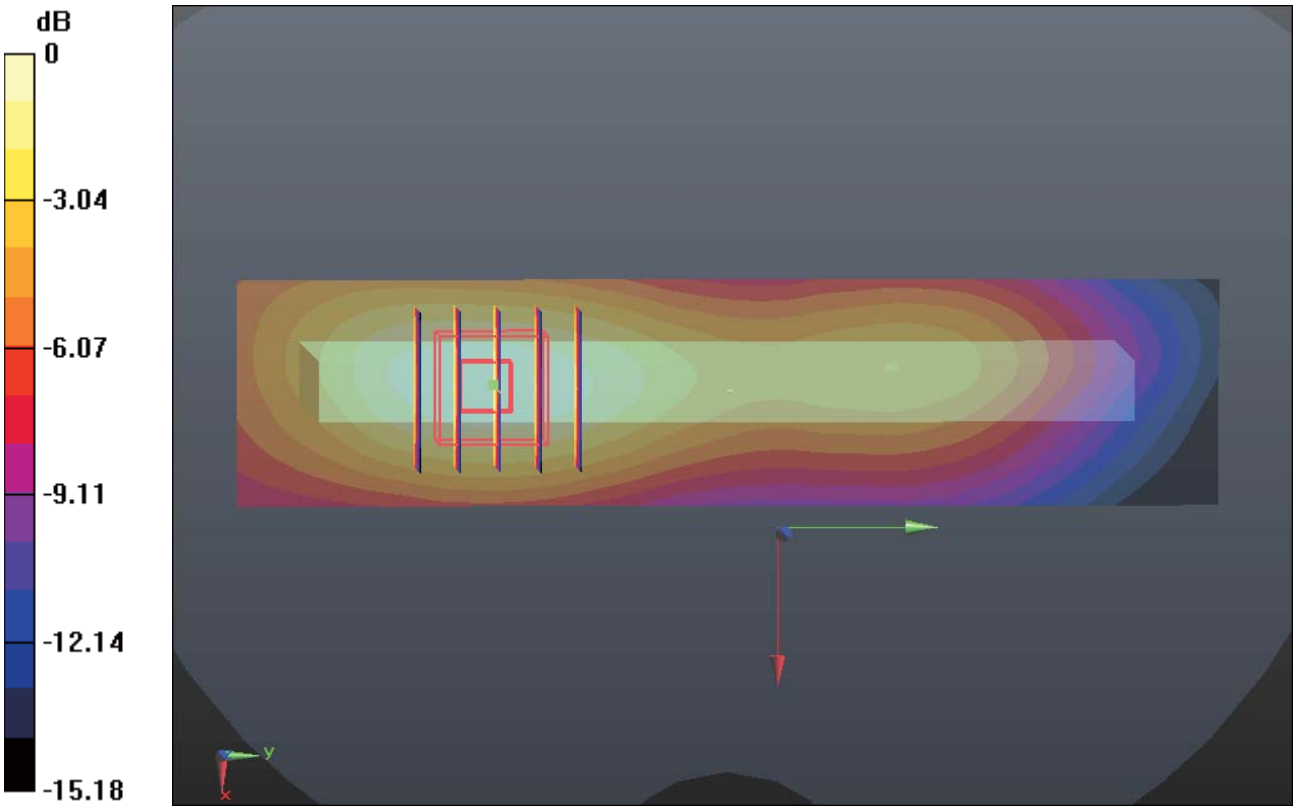
DUT: 2D2505

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130112 Medium parameters used: f = 1850.2 MHz; σ = 1.492 mho/m; ε_r = 53.424; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (31x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.534 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.719 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.660 W/kg
SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.239 mW/g
Maximum value of SAR (measured) = 0.543 mW/g



0 dB = 0.540mW/g

#40 GSM1900_GPRS (4 Tx slots)_Right Side 1cm_Ch512

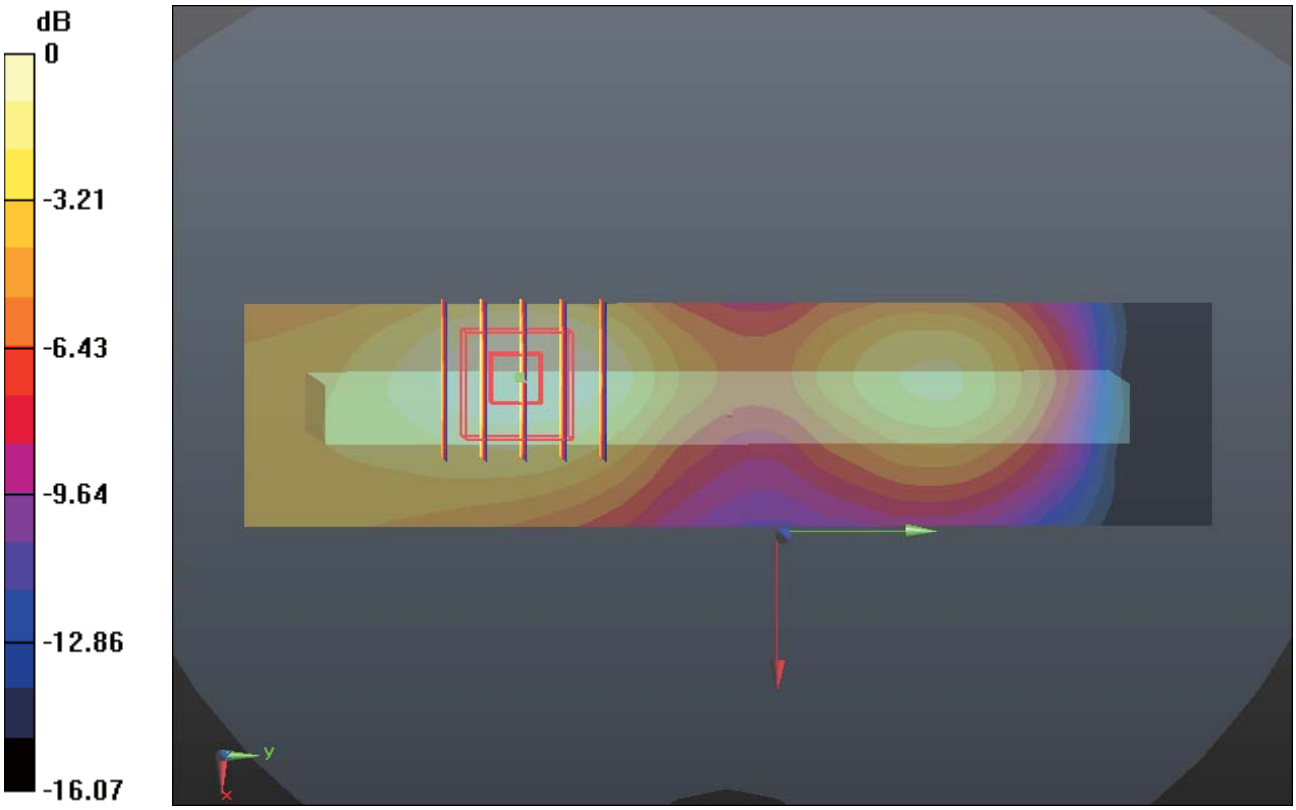
DUT: 2D2505

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130112 Medium parameters used: f = 1850.2 MHz; σ = 1.492 mho/m; ε_r = 53.424; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (31x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.264 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.742 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.319 W/kg
SAR(1 g) = 0.195 mW/g; SAR(10 g) = 0.117 mW/g
Maximum value of SAR (measured) = 0.260 mW/g



0 dB = 0.260mW/g

#41 GSM1900_GPRS (4 Tx slots)_Bottom Side 1cm_Ch512

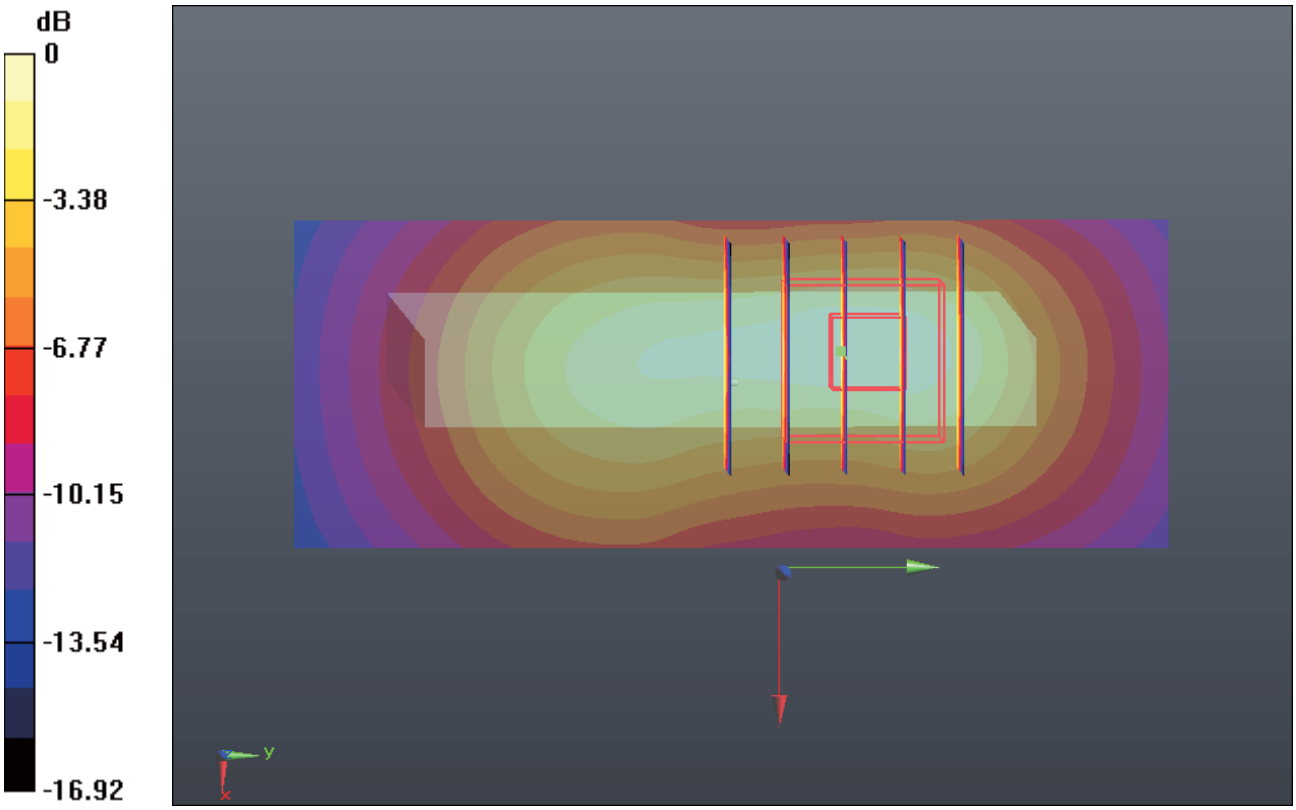
DUT: 2D2505

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130112 Medium parameters used: f = 1850.2 MHz; σ = 1.492 mho/m; ε_r = 53.424; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.995 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.718 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.224 W/kg
SAR(1 g) = 0.715 mW/g; SAR(10 g) = 0.384 mW/g
Maximum value of SAR (measured) = 0.992 mW/g



0 dB = 0.990mW/g

#42 GSM1900_GPRS (4 Tx slots)_Front 1cm_Ch661

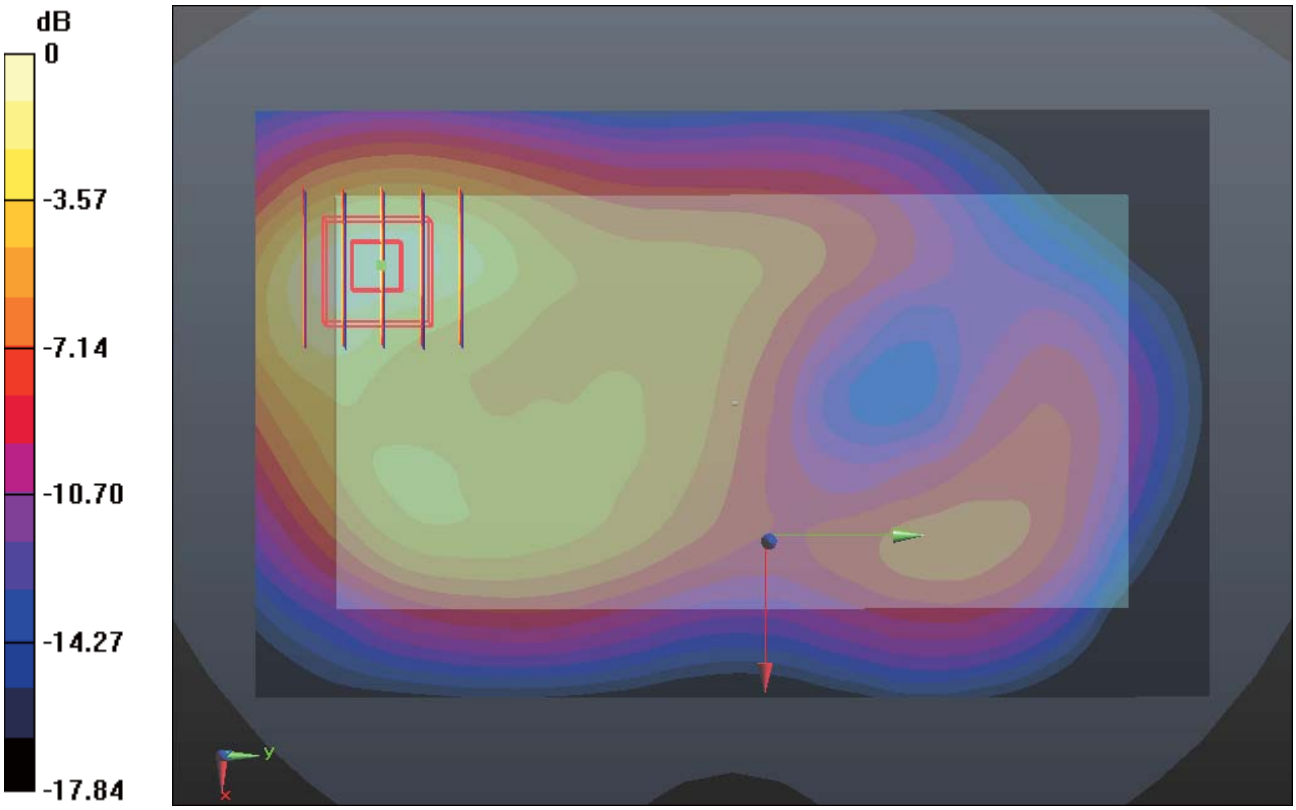
DUT: 2D2505

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1880 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130112 Medium parameters used: f = 1880 MHz; σ = 1.528 mho/m; ε_r = 53.361; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.917 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.727 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.154 W/kg
SAR(1 g) = 0.669 mW/g; SAR(10 g) = 0.367 mW/g
Maximum value of SAR (measured) = 0.929 mW/g



0 dB = 0.930mW/g

#43 GSM1900_GPRS (4 Tx slots)_Front 1cm_Ch810

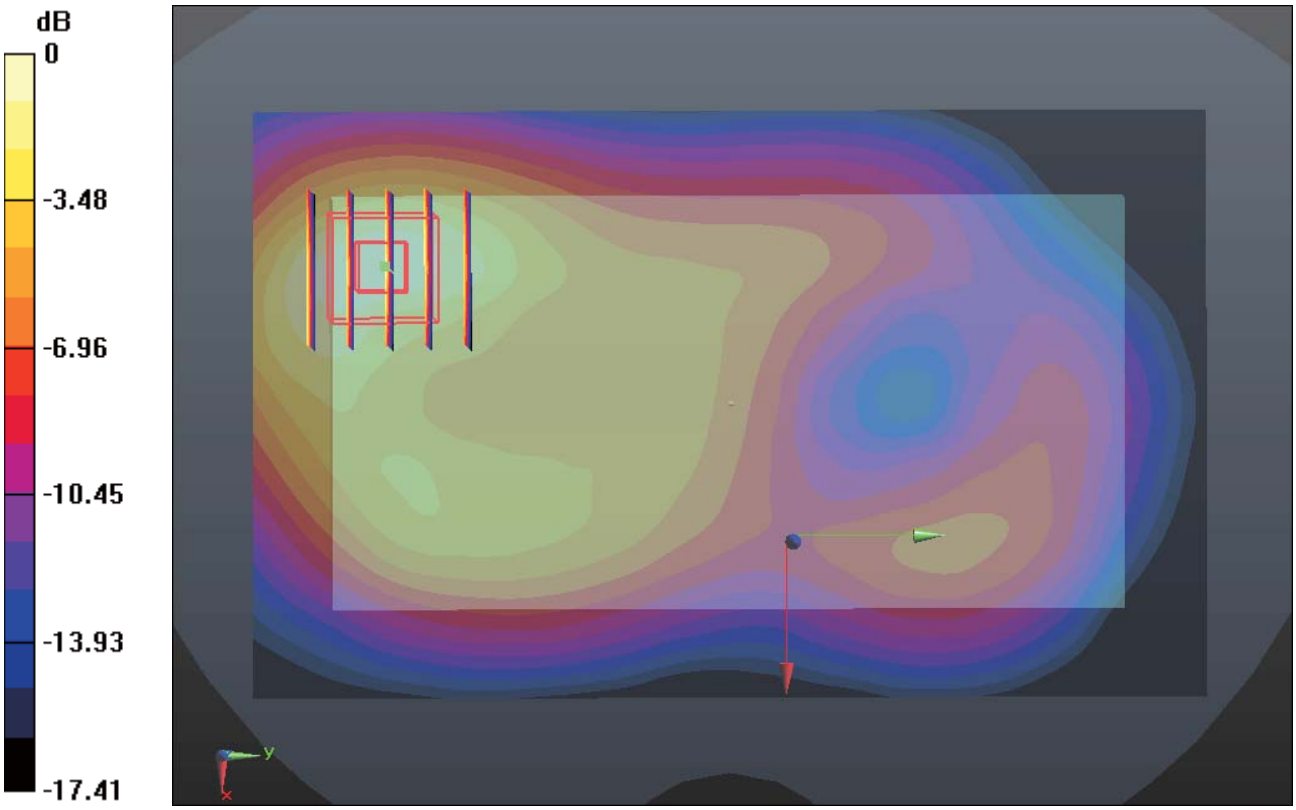
DUT: 2D2505

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1909.8 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130112 Medium parameters used: f = 1910 MHz; σ = 1.562 mho/m; ε_r = 53.281; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.825 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.401 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.040 W/kg
SAR(1 g) = 0.593 mW/g; SAR(10 g) = 0.325 mW/g
Maximum value of SAR (measured) = 0.829 mW/g



0 dB = 0.830mW/g

#44 GSM1900_GPRS (4 Tx slots)_Back 1cm_Ch661

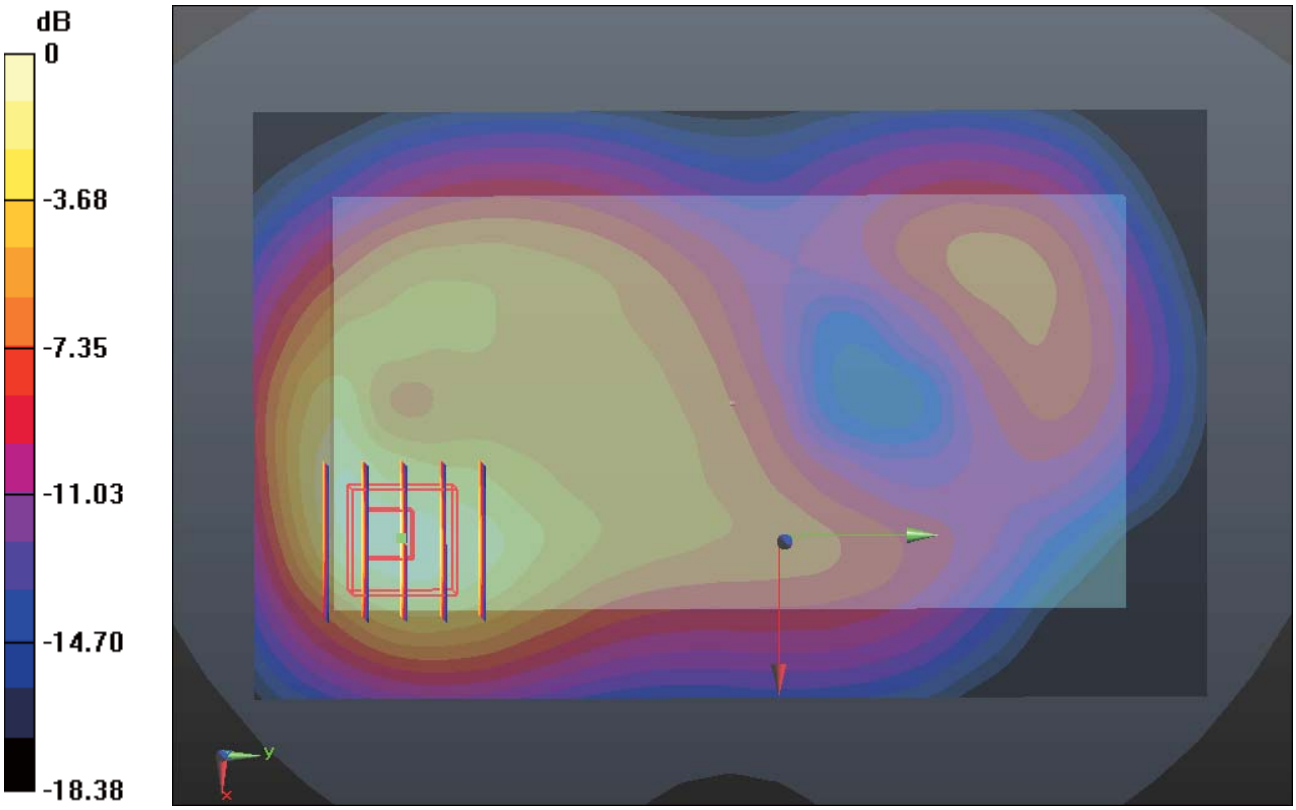
DUT: 2D2505

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1880 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130112 Medium parameters used: f = 1880 MHz; σ = 1.528 mho/m; ε_r = 53.361; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.386 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.014 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.791 W/kg
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.563 mW/g
Maximum value of SAR (measured) = 1.394 mW/g



0 dB = 1.390mW/g

#45 GSM1900_GPRS (4 Tx slots)_Back 1cm_Ch810

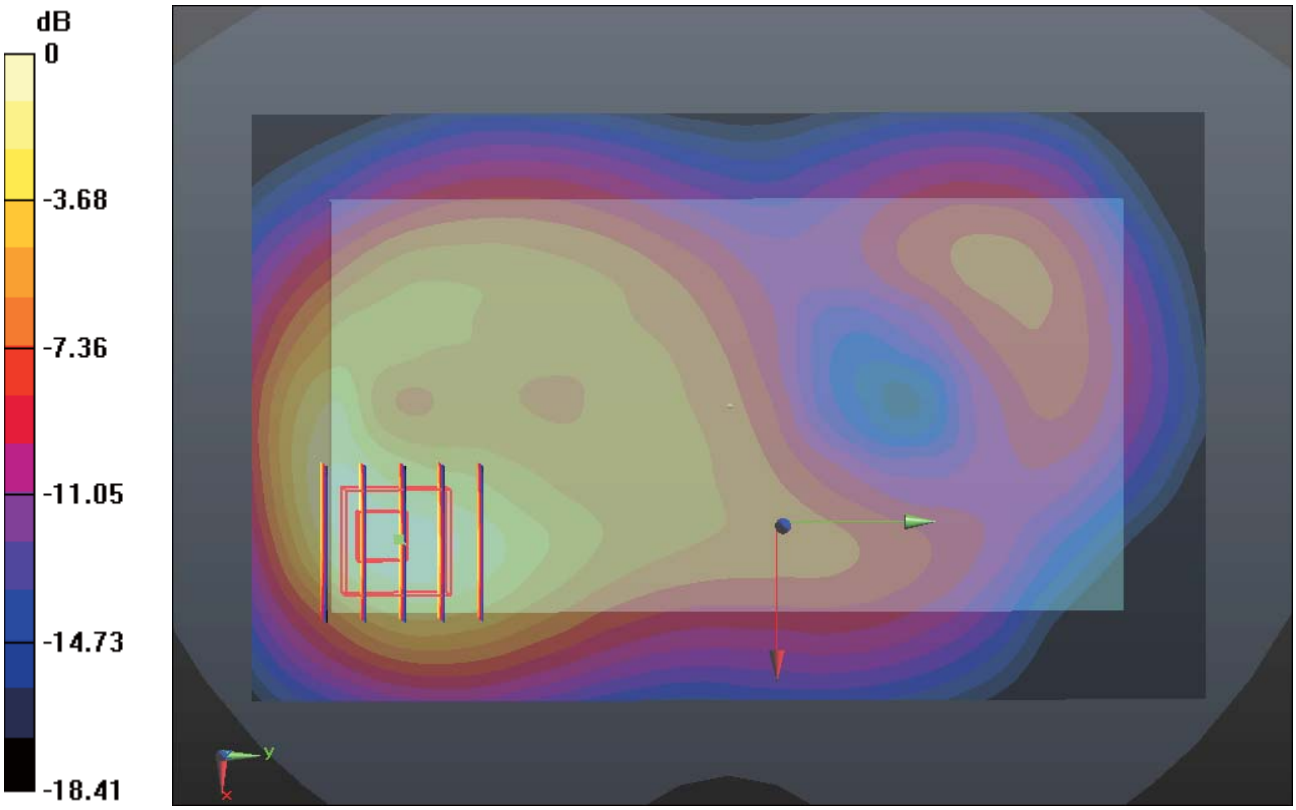
DUT: 2D2505

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1909.8 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130112 Medium parameters used: f = 1910 MHz; σ = 1.562 mho/m; ε_r = 53.281; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.273 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.144 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.681 W/kg
SAR(1 g) = 0.953 mW/g; SAR(10 g) = 0.516 mW/g
Maximum value of SAR (measured) = 1.287 mW/g



0 dB = 1.290mW/g

#46 GSM1900_GPRS (4 Tx slots)_Bottom Side 1cm_Ch661

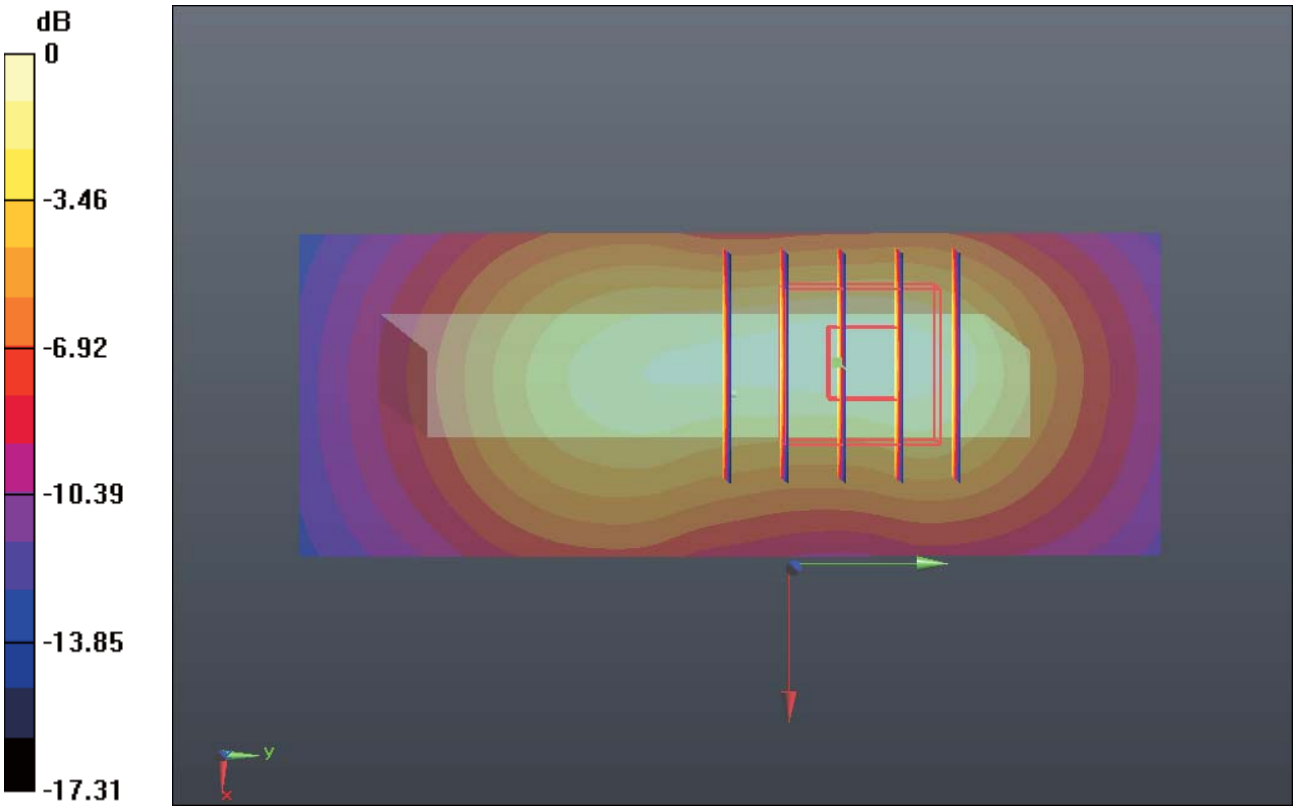
DUT: 2D2505

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1880 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130112 Medium parameters used: f = 1880 MHz; σ = 1.528 mho/m; ε_r = 53.361; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.958 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.996 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.218 W/kg
SAR(1 g) = 0.697 mW/g; SAR(10 g) = 0.371 mW/g
Maximum value of SAR (measured) = 0.979 mW/g



0 dB = 0.980mW/g

#47 GSM1900_GPRS (4 Tx slots)_Bottom Side 1cm_Ch810

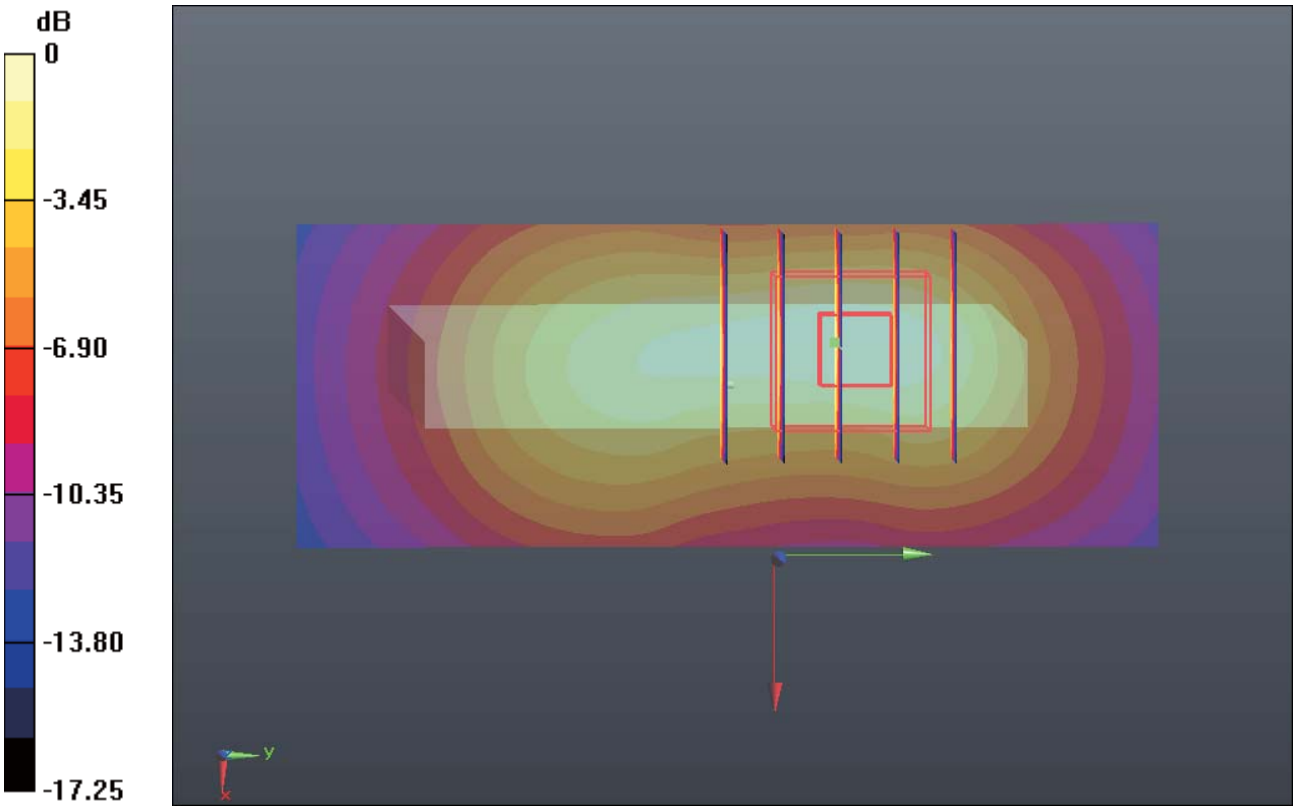
DUT: 2D2505

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1909.8 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130112 Medium parameters used: f = 1910 MHz; σ = 1.562 mho/m; ε_r = 53.281; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.941 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.321 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.172 W/kg
SAR(1 g) = 0.669 mW/g; SAR(10 g) = 0.354 mW/g
Maximum value of SAR (measured) = 0.936 mW/g



0 dB = 0.940mW/g

#48 GSM1900_DTM 11_Back 1cm_Ch512_Headset

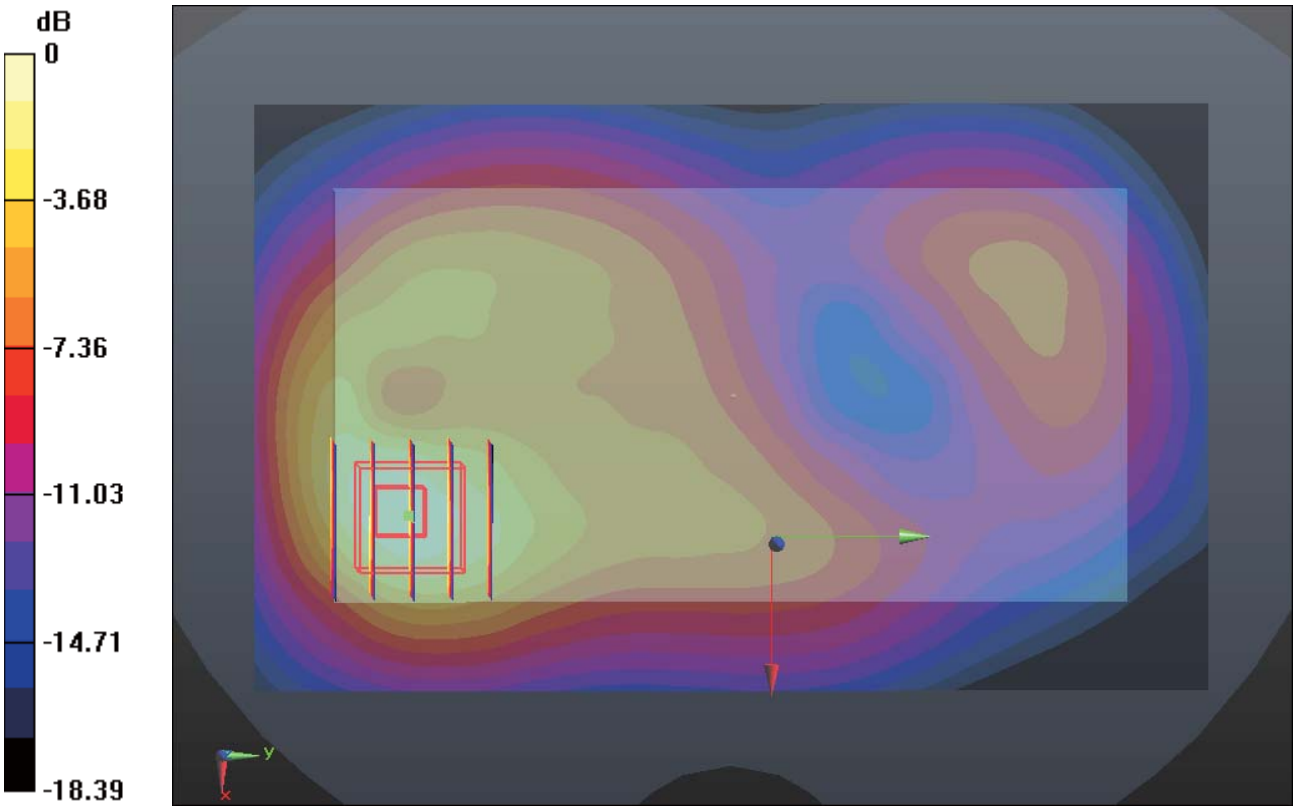
DUT: 2D2505

Communication System: GPRS/EDGE (3 Tx slots); Frequency: 1850.2 MHz;Duty Cycle: 1:2.7
Medium: MSL_1900_130112 Medium parameters used: f = 1850.2 MHz; σ = 1.492 mho/m; ε_r = 53.424; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.391 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.650 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.755 W/kg
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.563 mW/g
Maximum value of SAR (measured) = 1.402 mW/g



0 dB = 1.400mW/g

#49 GSM1900_DTM 11_Back 1cm_Ch661_Headset

DUT: 2D2505

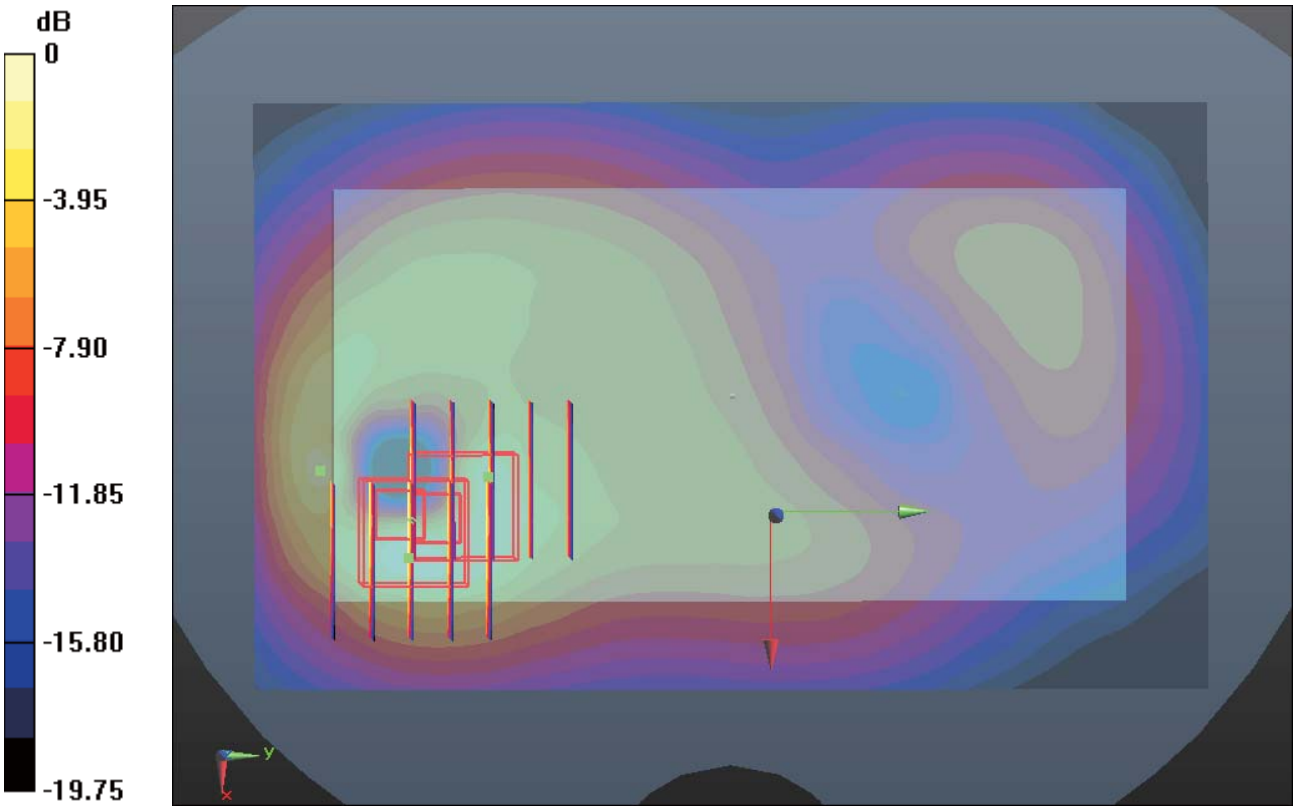
Communication System: GPRS/EDGE (3 Tx slots); Frequency: 1880 MHz;Duty Cycle: 1:2.7
Medium: MSL_1900_130112 Medium parameters used: f = 1880 MHz; σ = 1.528 mho/m; ε_r = 53.361; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.240 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.893 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.616 W/kg
SAR(1 g) = 0.947 mW/g; SAR(10 g) = 0.506 mW/g
Maximum value of SAR (measured) = 1.284 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.893 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.575 W/kg
SAR(1 g) = 0.873 mW/g; SAR(10 g) = 0.437 mW/g
Maximum value of SAR (measured) = 1.273 mW/g



0 dB = 1.270mW/g

#50 GSM1900_DTM 11_Back 1cm_Ch810_Headset

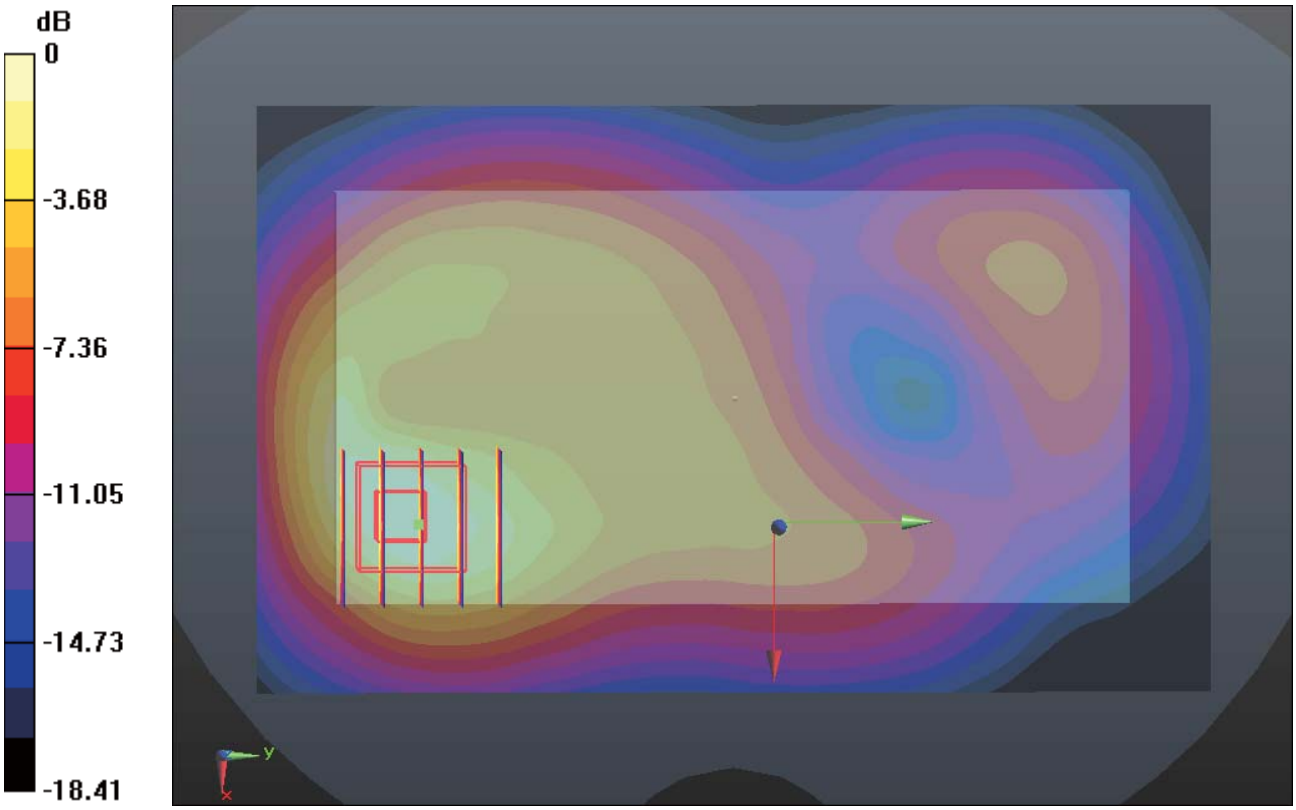
DUT: 2D2505

Communication System: GPRS/EDGE (3 Tx slots); Frequency: 1909.8 MHz;Duty Cycle: 1:2.7
Medium: MSL_1900_130112 Medium parameters used: f = 1910 MHz; σ = 1.562 mho/m; ε_r = 53.281; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.179 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.852 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.515 W/kg
SAR(1 g) = 0.873 mW/g; SAR(10 g) = 0.475 mW/g
Maximum value of SAR (measured) = 1.158 mW/g



0 dB = 1.160mW/g

#51 WCDMA Band V_RMC12.2Kbps_Front 1cm_Ch4132

DUT: 2D2505

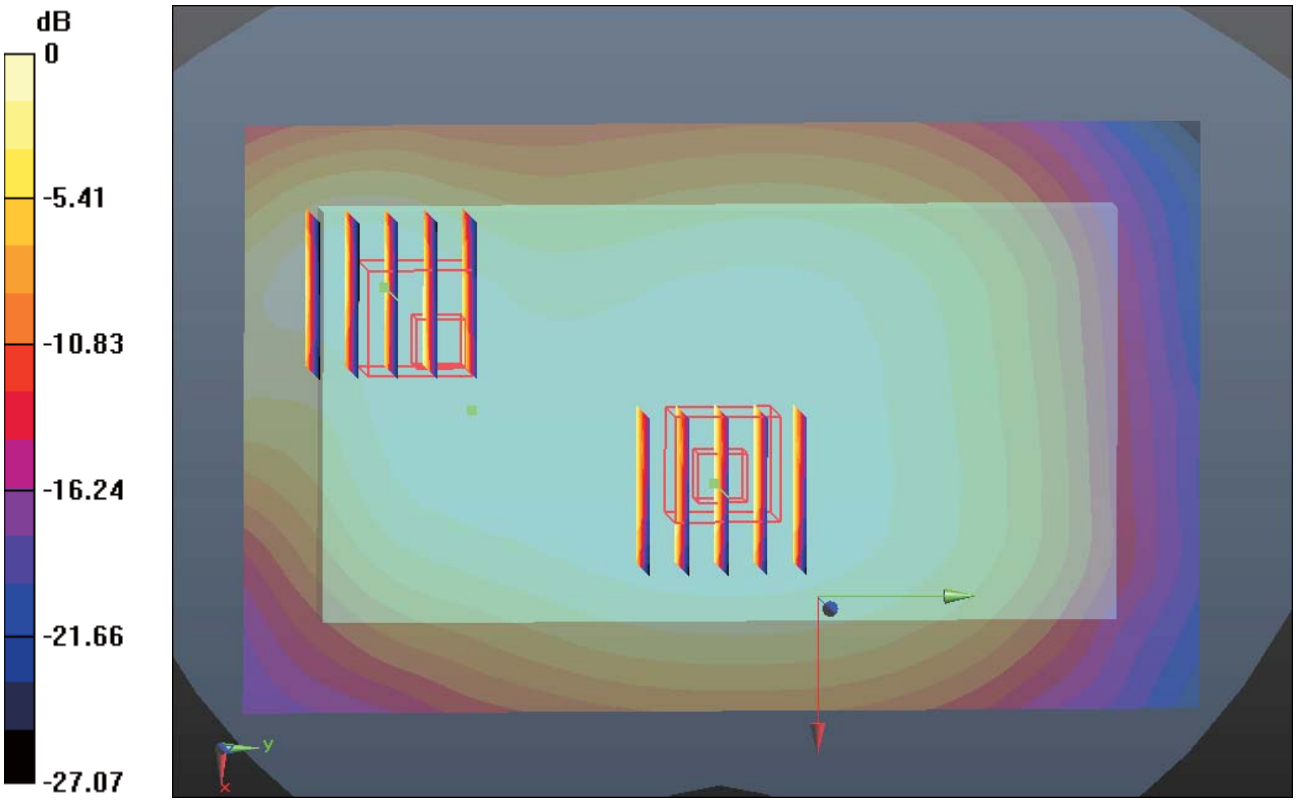
Communication System: UMTS; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130111 Medium parameters used: f = 826.4 MHz; σ = 0.974 mho/m; ε_r = 54.945; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.242 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.695 V/m; Power Drift = 0.0063 dB
Peak SAR (extrapolated) = 0.259 W/kg
SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.162 mW/g
Maximum value of SAR (measured) = 0.238 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.695 V/m; Power Drift = 0.0063 dB
Peak SAR (extrapolated) = 0.294 W/kg
SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.115 mW/g
Maximum value of SAR (measured) = 0.211 mW/g



0 dB = 0.240mW/g

#52 WCDMA Band V_RMC12.2Kbps_Back 1cm_Ch4132

DUT: 2D2505

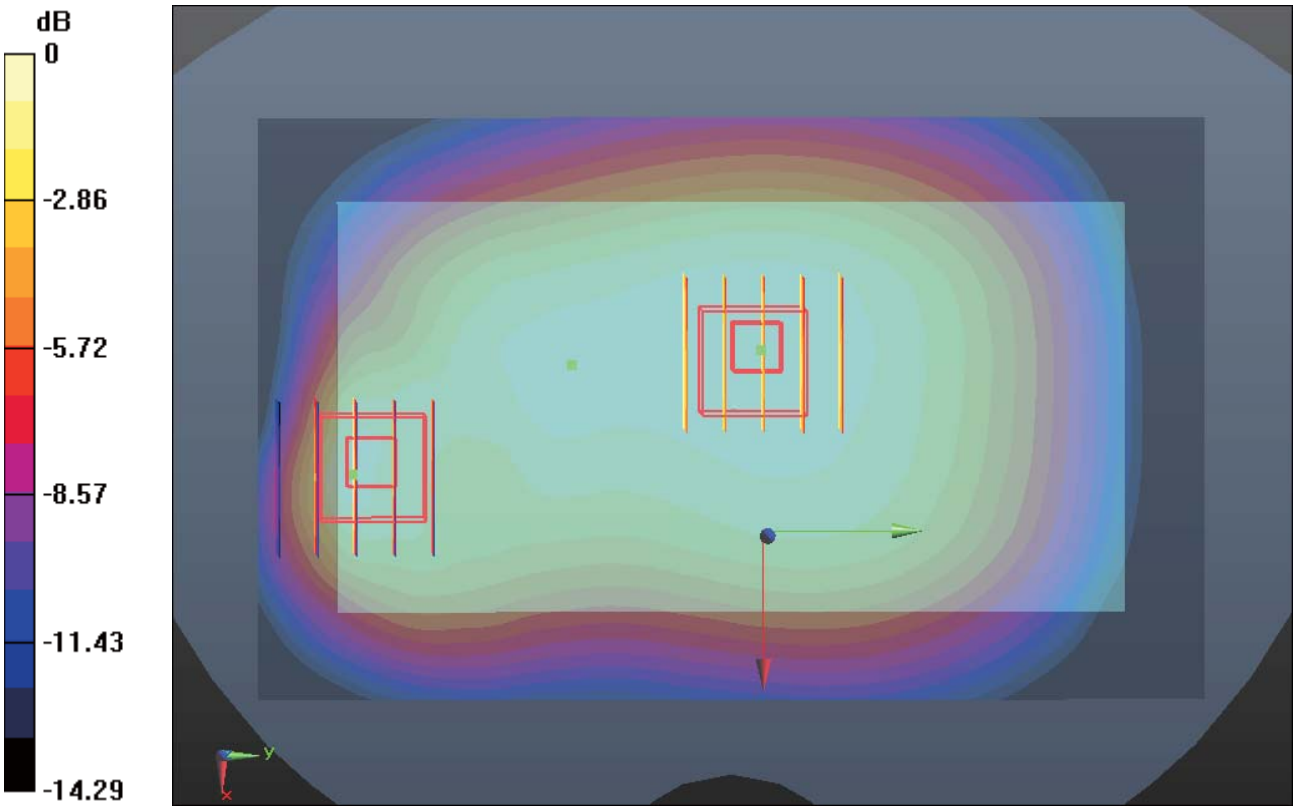
Communication System: UMTS; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130111 Medium parameters used: f = 826.4 MHz; σ = 0.974 mho/m; ε_r = 54.945; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.477 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.436 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.519 W/kg
SAR(1 g) = 0.412 mW/g; SAR(10 g) = 0.316 mW/g
Maximum value of SAR (measured) = 0.474 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.436 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.641 W/kg
SAR(1 g) = 0.379 mW/g; SAR(10 g) = 0.215 mW/g
Maximum value of SAR (measured) = 0.490 mW/g



0 dB = 0.490mW/g

#52 WCDMA Band V_RMC12.2Kbps_Back 1cm_Ch4132_2D

DUT: 2D2505

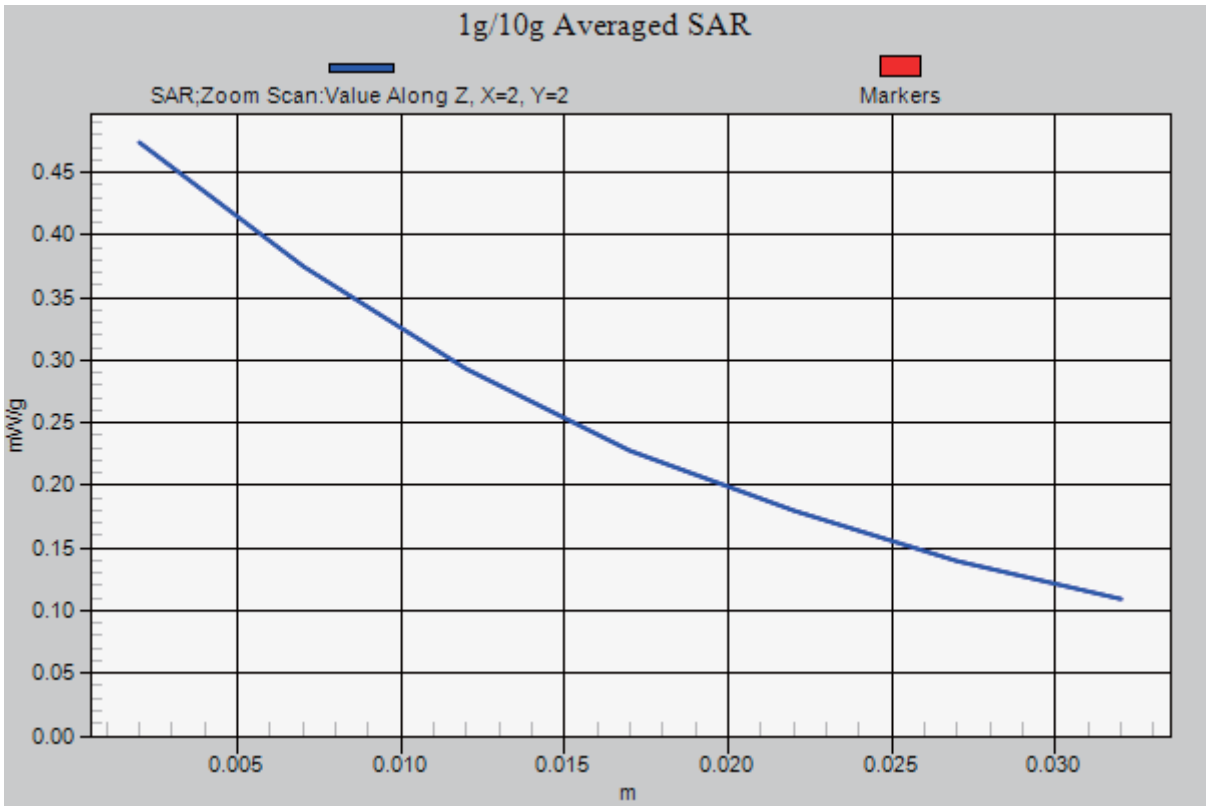
Communication System: UMTS; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130111 Medium parameters used: f = 826.4 MHz; σ = 0.974 mho/m; ε_r = 54.945; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.477 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.436 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.519 W/kg
SAR(1 g) = 0.412 mW/g; SAR(10 g) = 0.316 mW/g
Maximum value of SAR (measured) = 0.474 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.436 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.641 W/kg
SAR(1 g) = 0.379 mW/g; SAR(10 g) = 0.215 mW/g
Maximum value of SAR (measured) = 0.490 mW/g


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

#54 WCDMA Band V_RMC12.2Kbps_Left Side 1cm_Ch4132

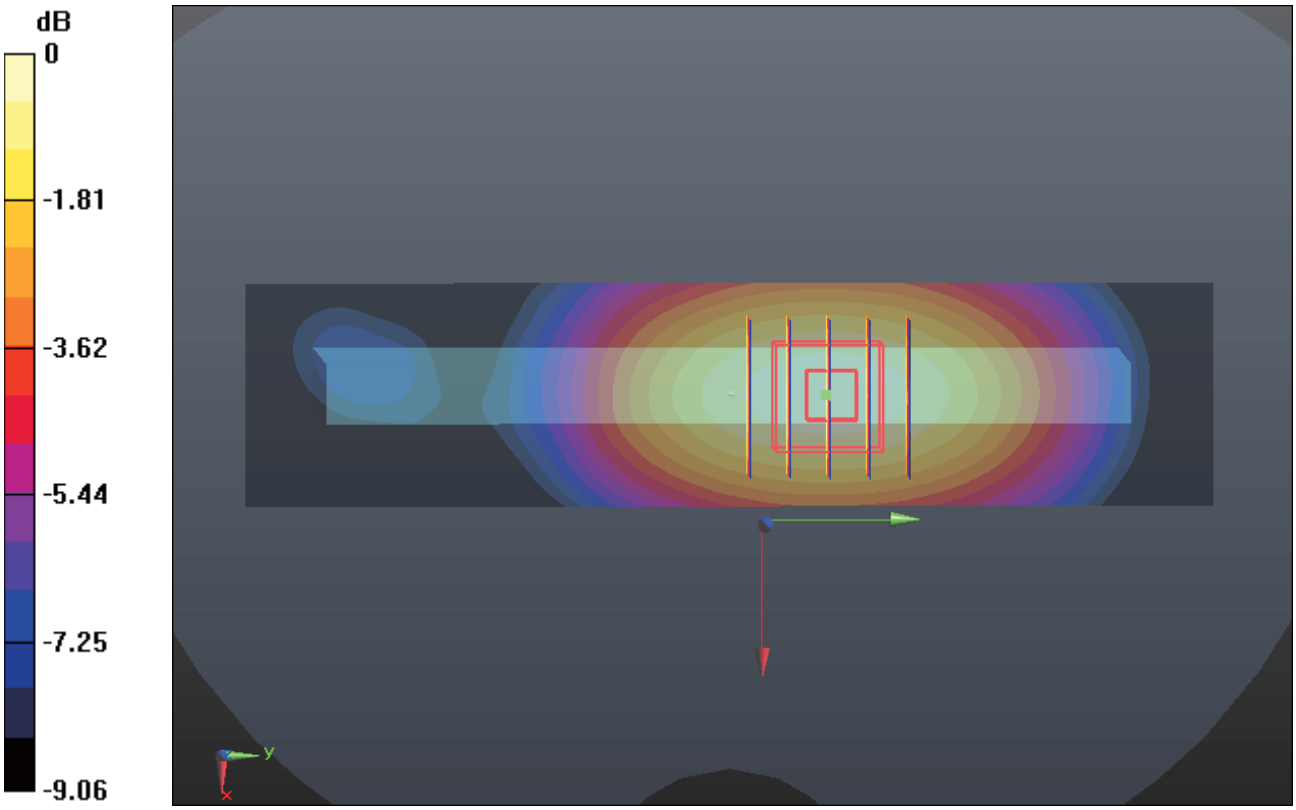
DUT: 2D2505

Communication System: UMTS; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130111 Medium parameters used: f = 826.4 MHz; σ = 0.974 mho/m; ε_r = 54.945; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; 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: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (31x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.166 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.464 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.190 W/kg
SAR(1 g) = 0.137 mW/g; SAR(10 g) = 0.096 mW/g
Maximum value of SAR (measured) = 0.167 mW/g



0 dB = 0.170mW/g

#55 WCDMA Band V_RMC12.2Kbps_Right Side 1cm_Ch4132

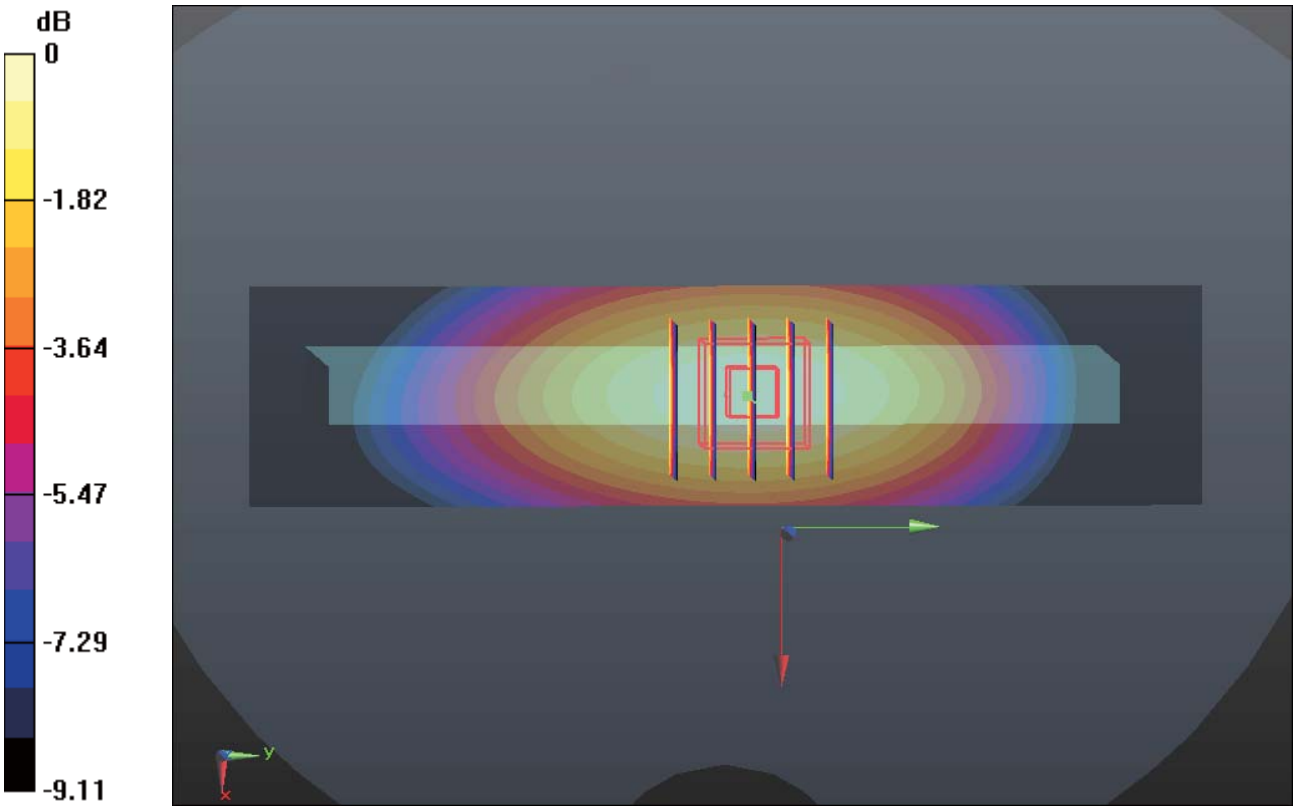
DUT: 2D2505

Communication System: UMTS; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130111 Medium parameters used: f = 826.4 MHz; σ = 0.974 mho/m; ε_r = 54.945; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; 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: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (31x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.312 mW/g

ConfigurCh4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.871 V/m; Power Drift = -0.034 dB
Peak SAR (extrapolated) = 0.358 W/kg
SAR(1 g) = 0.259 mW/g; SAR(10 g) = 0.181 mW/g
Maximum value of SAR (measured) = 0.315 mW/g



0 dB = 0.320mW/g

#56 WCDMA Band V_RMC12.2Kbps_Bottom Side 1cm_Ch4132

DUT: 2D2505

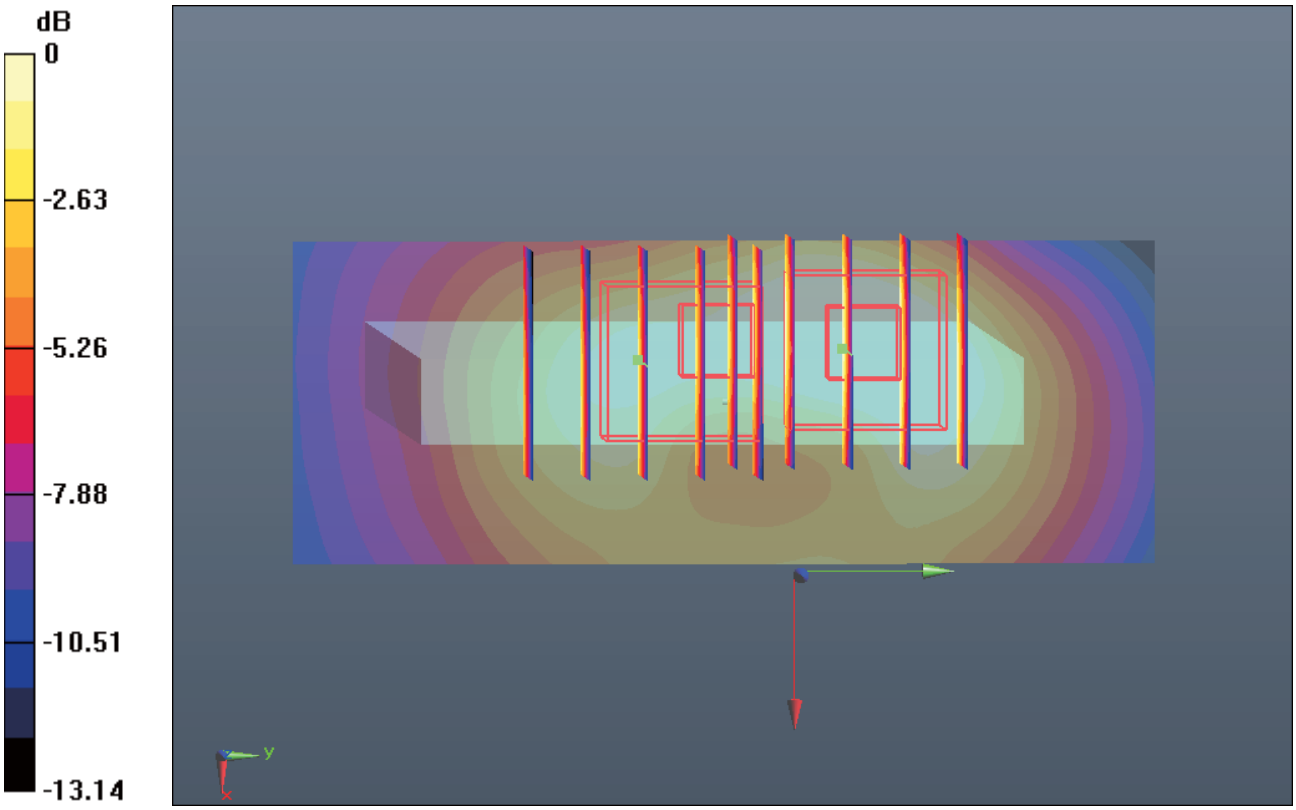
Communication System: UMTS; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130111 Medium parameters used: f = 826.4 MHz; σ = 0.974 mho/m; ε_r = 54.945; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.184 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.441 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.240 W/kg
SAR(1 g) = 0.137 mW/g; SAR(10 g) = 0.077 mW/g
Maximum value of SAR (measured) = 0.187 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.441 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.160 W/kg
SAR(1 g) = 0.092 mW/g; SAR(10 g) = 0.057 mW/g
Maximum value of SAR (measured) = 0.126 mW/g



0 dB = 0.130mW/g

#57 WCDMA Band IV_RMC12.2Kbps_Front 1cm_Ch1513

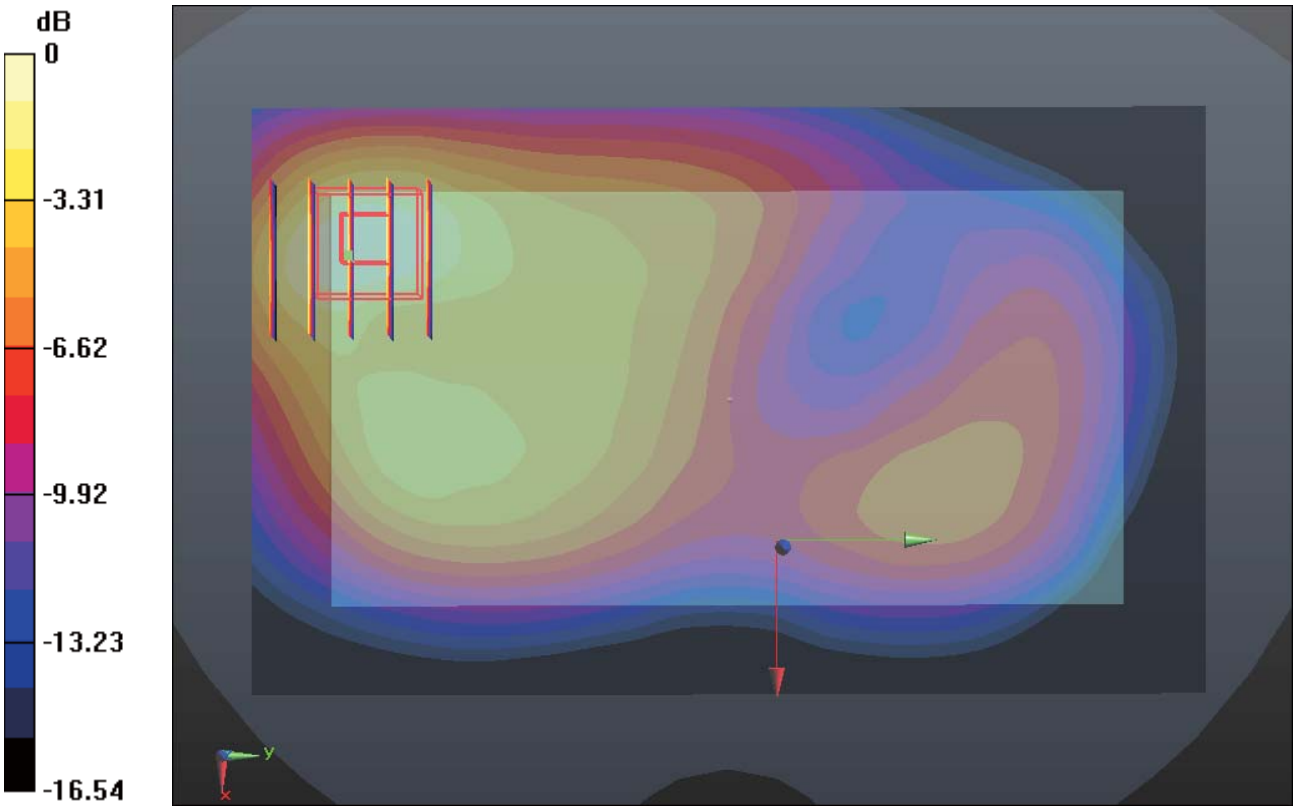
DUT: 2D2505

Communication System: UMTS; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL_1750_130112 Medium parameters used: f = 1753 MHz; σ = 1.506 mho/m; ε_r = 51.006; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1513/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.863 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.232 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.097 W/kg
SAR(1 g) = 0.644 mW/g; SAR(10 g) = 0.357 mW/g
Maximum value of SAR (measured) = 0.852 mW/g



0 dB = 0.850mW/g

#58 WCDMA Band IV_RMC12.2Kbps_Back 1cm_Ch1513

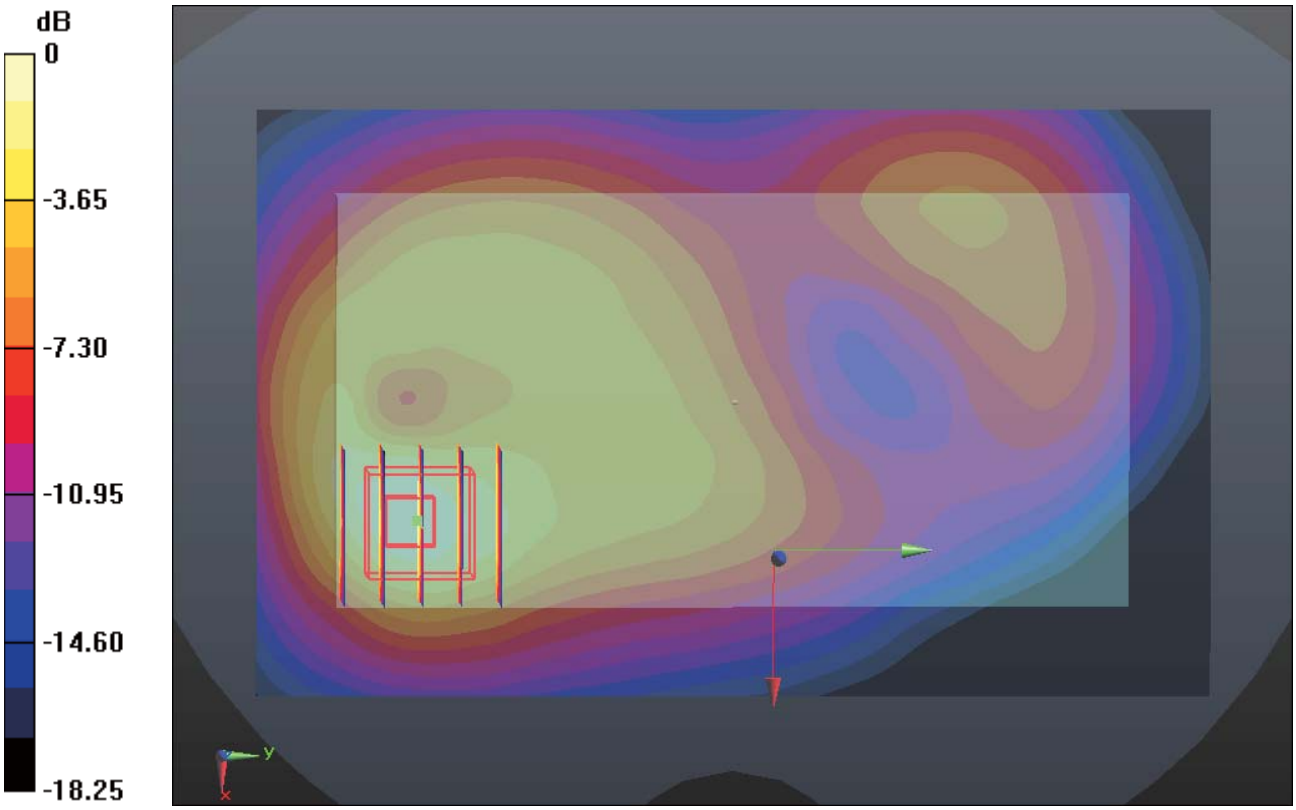
DUT: 2D2505

Communication System: UMTS; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL_1750_130112 Medium parameters used: f = 1753 MHz; σ = 1.506 mho/m; ε_r = 51.006; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1513/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.096 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.507 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.384 W/kg
SAR(1 g) = 0.825 mW/g; SAR(10 g) = 0.450 mW/g
Maximum value of SAR (measured) = 1.103 mW/g



0 dB = 1.100mW/g

#58 WCDMA Band IV_RMC12.2Kbps_Back 1cm_Ch1513_2D

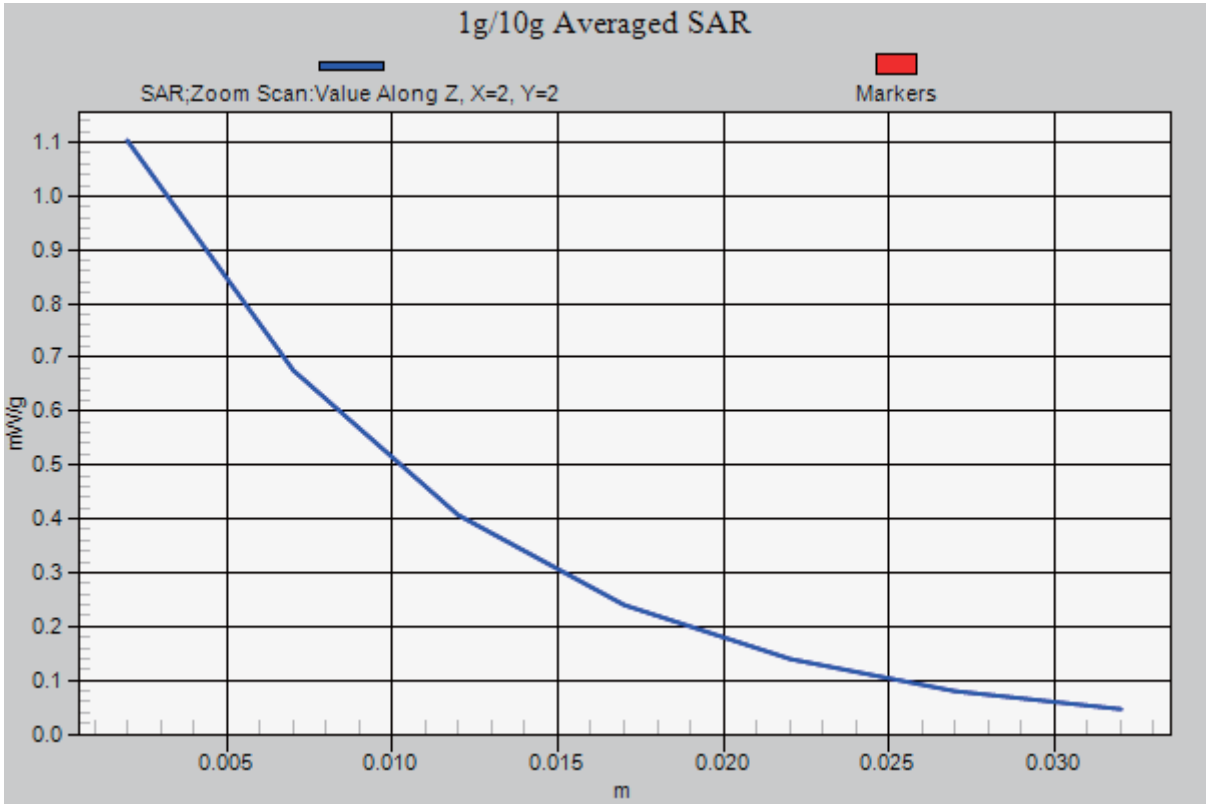
DUT: 2D2505

Communication System: UMTS; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL_1750_130112 Medium parameters used: f = 1753 MHz; σ = 1.506 mho/m; ε_r = 51.006; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1513/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.096 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.507 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.384 W/kg
SAR(1 g) = 0.825 mW/g; SAR(10 g) = 0.450 mW/g
Maximum value of SAR (measured) = 1.103 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
m

#59 WCDMA Band IV_RMC12.2Kbps_Back 1cm_Ch1513_Repeat SAR

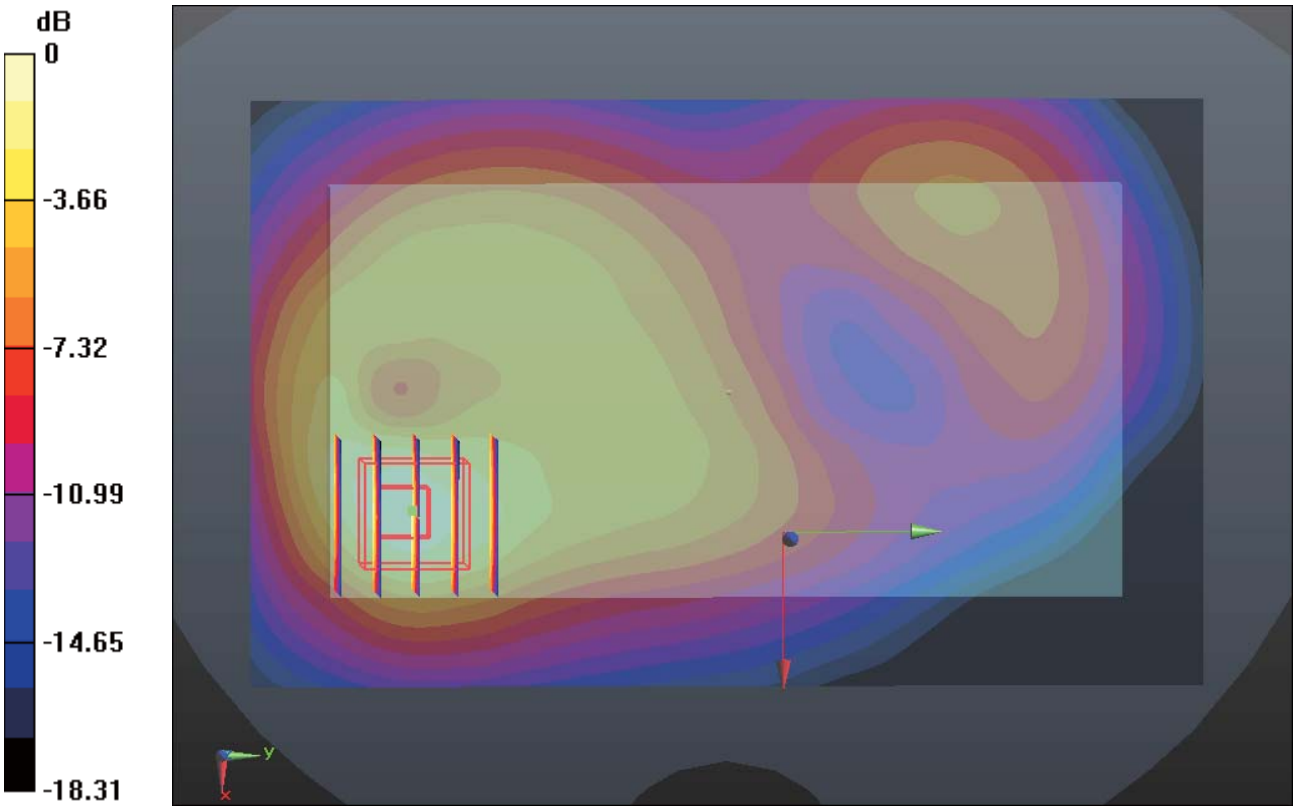
DUT: 2D2505

Communication System: UMTS; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL_1750_130112 Medium parameters used: f = 1753 MHz; σ = 1.506 mho/m; ε_r = 51.006; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1513/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.092 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.575 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.387 W/kg
SAR(1 g) = 0.825 mW/g; SAR(10 g) = 0.451 mW/g
Maximum value of SAR (measured) = 1.105 mW/g



0 dB = 1.110mW/g

#60 WCDMA Band IV_RMC12.2Kbps_Left Side 1cm_Ch1513

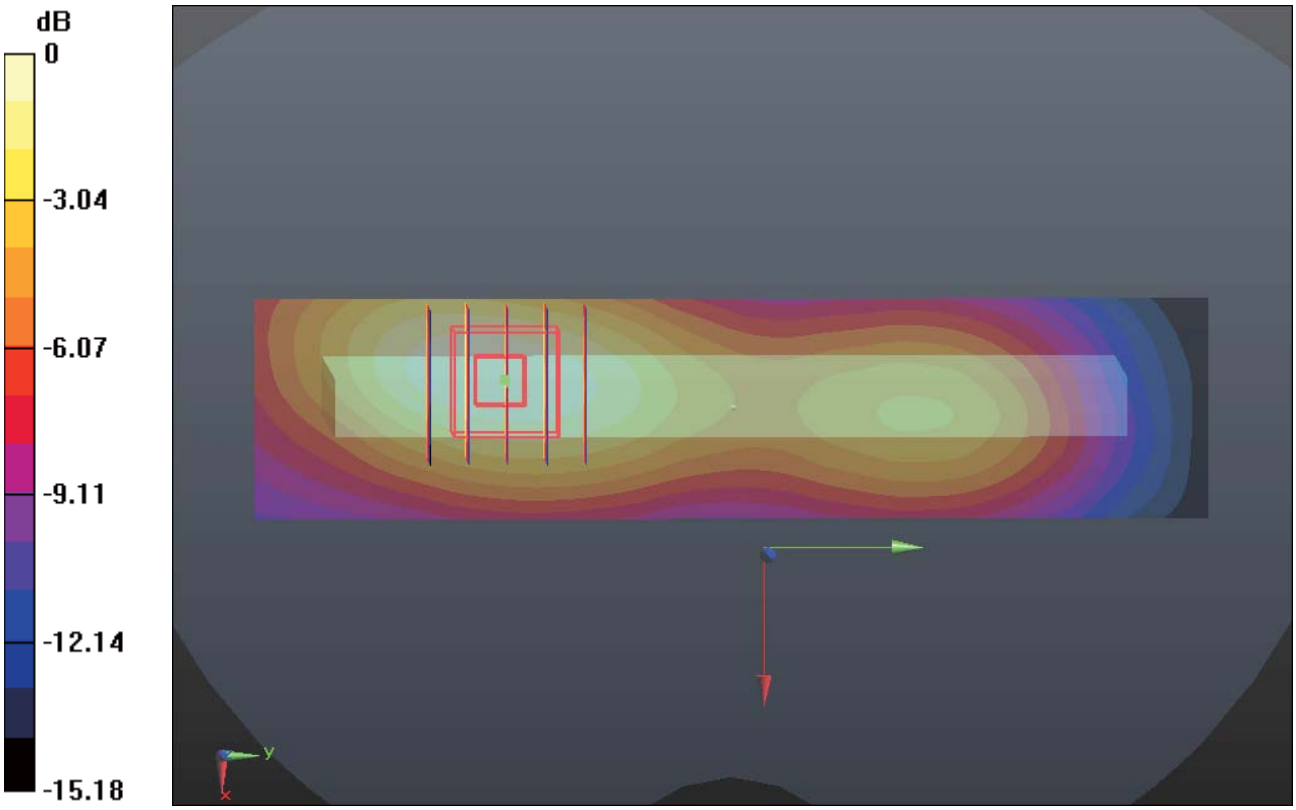
DUT: 2D2505

Communication System: UMTS; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL_1750_130112 Medium parameters used: f = 1753 MHz; σ = 1.506 mho/m; ε_r = 51.006; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1513/Area Scan (31x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.602 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.634 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.718 W/kg
SAR(1 g) = 0.453 mW/g; SAR(10 g) = 0.273 mW/g
Maximum value of SAR (measured) = 0.597 mW/g



0 dB = 0.600mW/g

#61 WCDMA Band IV_RMC12.2Kbps_Right Side 1cm_Ch1513

DUT: 2D2505

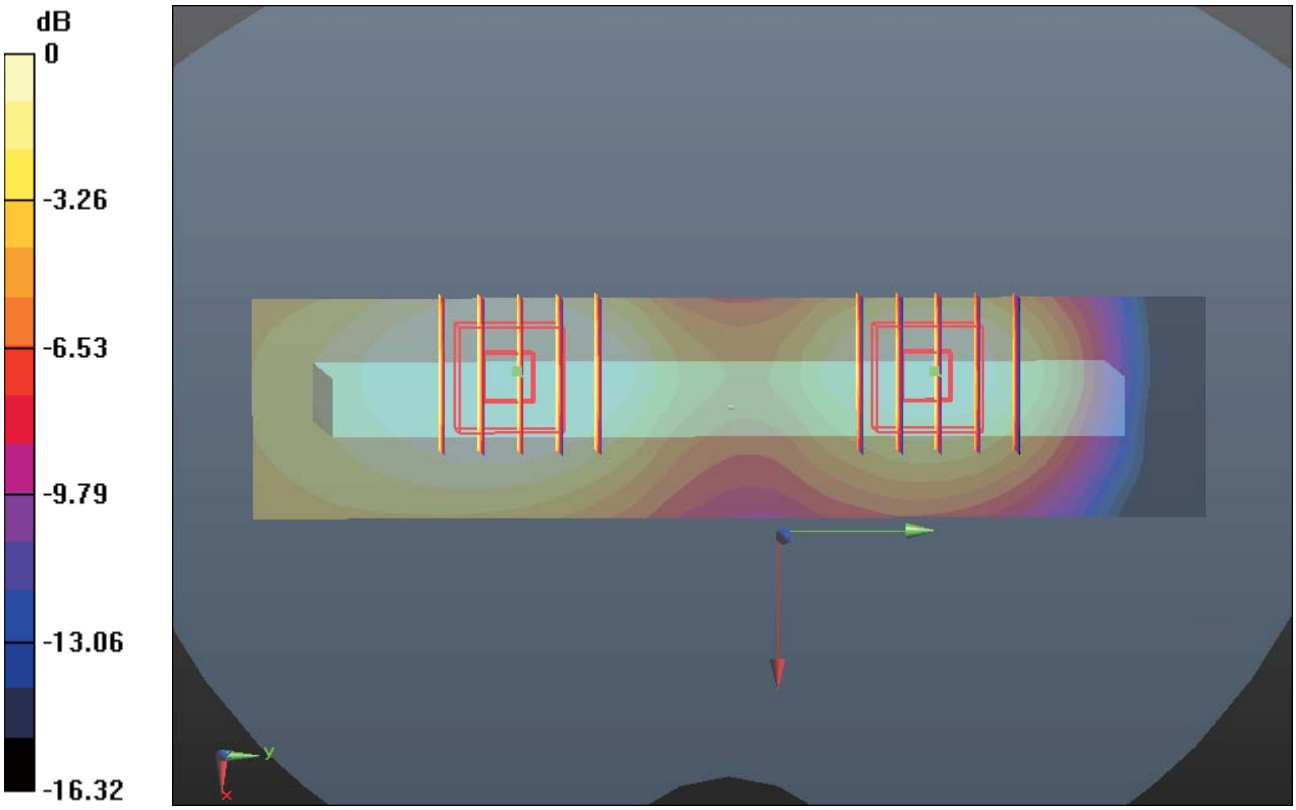
Communication System: UMTS; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL_1750_130112 Medium parameters used: f = 1753 MHz; σ = 1.506 mho/m; ε_r = 51.006; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1513/Area Scan (31x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.293 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.891 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.344 W/kg
SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.135 mW/g
Maximum value of SAR (measured) = 0.288 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.891 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.245 W/kg
SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.092 mW/g
Maximum value of SAR (measured) = 0.203 mW/g



0 dB = 0.200mW/g

#62 WCDMA Band IV_RMC12.2Kbps_Bottom Side 1cm_Ch1513

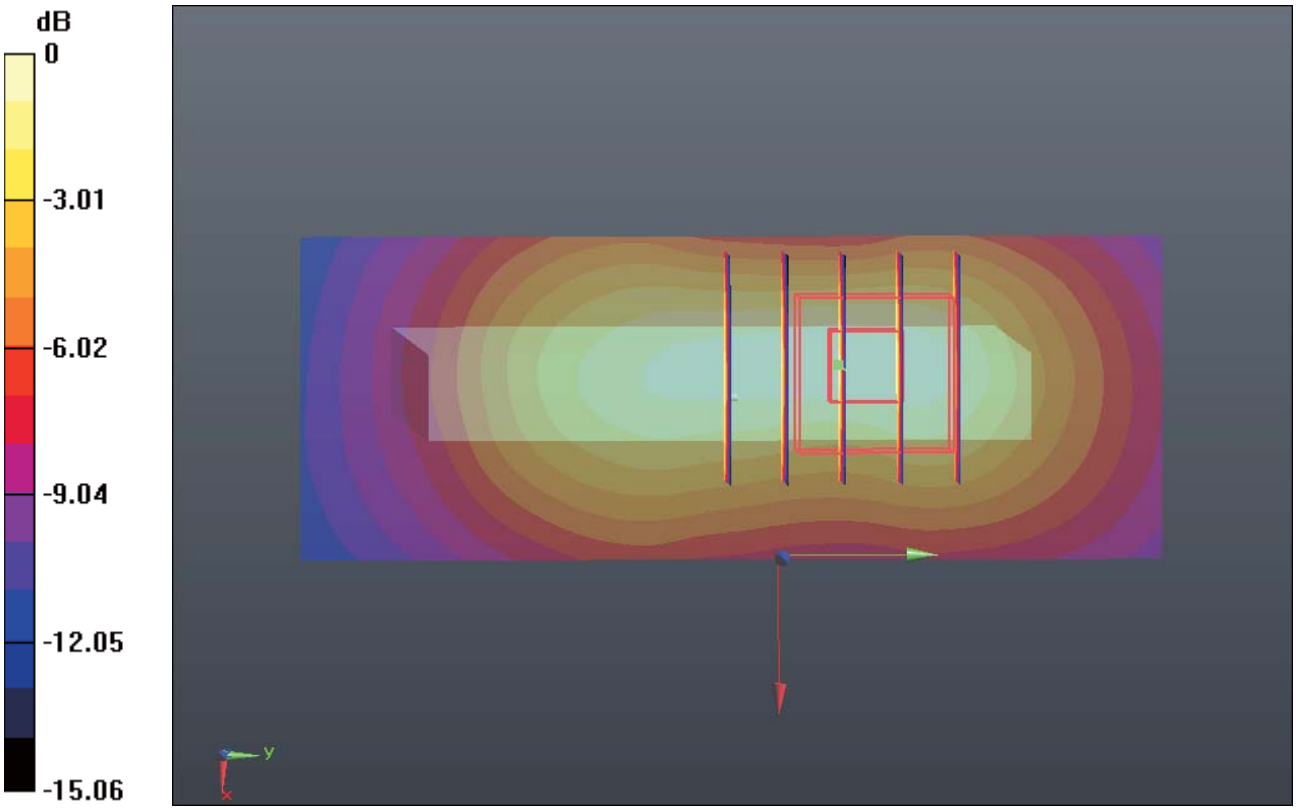
DUT: 2D2505

Communication System: UMTS; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL_1750_130112 Medium parameters used: f = 1753 MHz; σ = 1.506 mho/m; ε_r = 51.006; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1513/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.538 mW/g

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.789 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.649 W/kg
SAR(1 g) = 0.399 mW/g; SAR(10 g) = 0.229 mW/g
Maximum value of SAR (measured) = 0.542 mW/g



0 dB = 0.540mW/g

#63 WCDMA Band IV_RMC12.2Kbps_Back 1cm_Ch1312

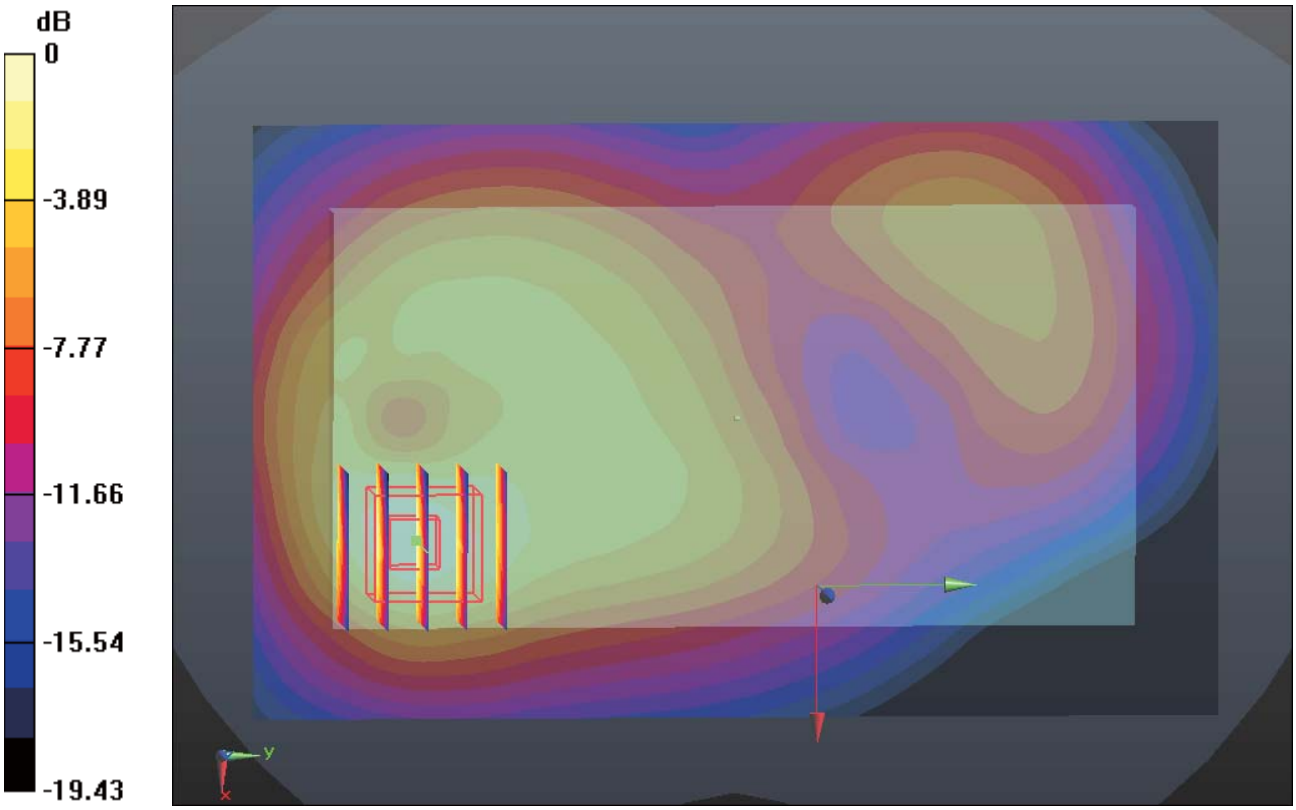
DUT: 2D2505

Communication System: UMTS; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium: MSL_1750_130112 Medium parameters used: f = 1712.4 MHz; σ = 1.462 mho/m; ε_r = 51.14; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1312/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.686 mW/g

Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.332 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.867 W/kg
SAR(1 g) = 0.524 mW/g; SAR(10 g) = 0.290 mW/g
Maximum value of SAR (measured) = 0.704 mW/g



0 dB = 0.700mW/g

#64 WCDMA Band IV_RMC12.2Kbps_Back 1cm_Ch1413

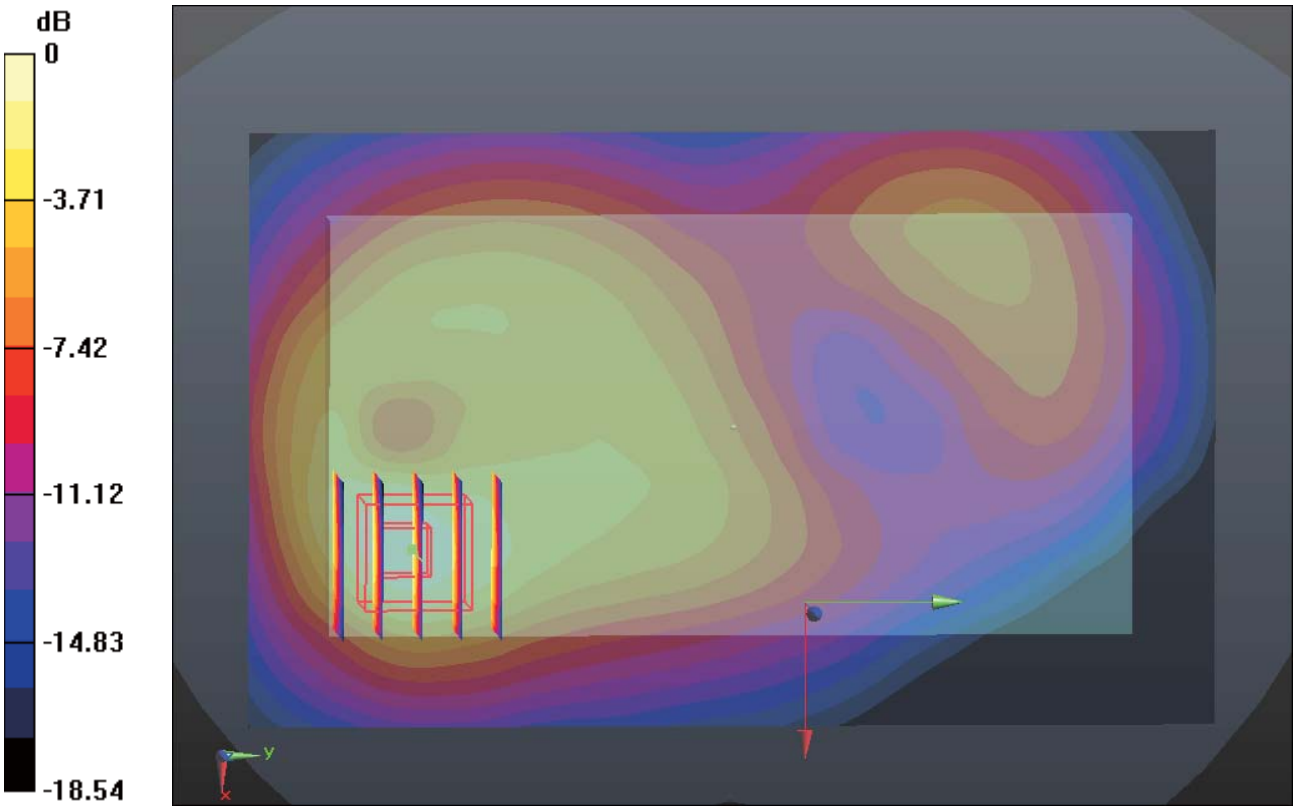
DUT: 2D2505

Communication System: UMTS; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: MSL_1750_130112 Medium parameters used: f = 1733 MHz; σ = 1.484 mho/m; ε_r = 51.046; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1413/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.791 mW/g

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.970 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.993 W/kg
SAR(1 g) = 0.596 mW/g; SAR(10 g) = 0.328 mW/g
Maximum value of SAR (measured) = 0.798 mW/g



0 dB = 0.800mW/g

#65 WCDMA Band II_RMC12.2Kbps_Front 1cm_Ch9262

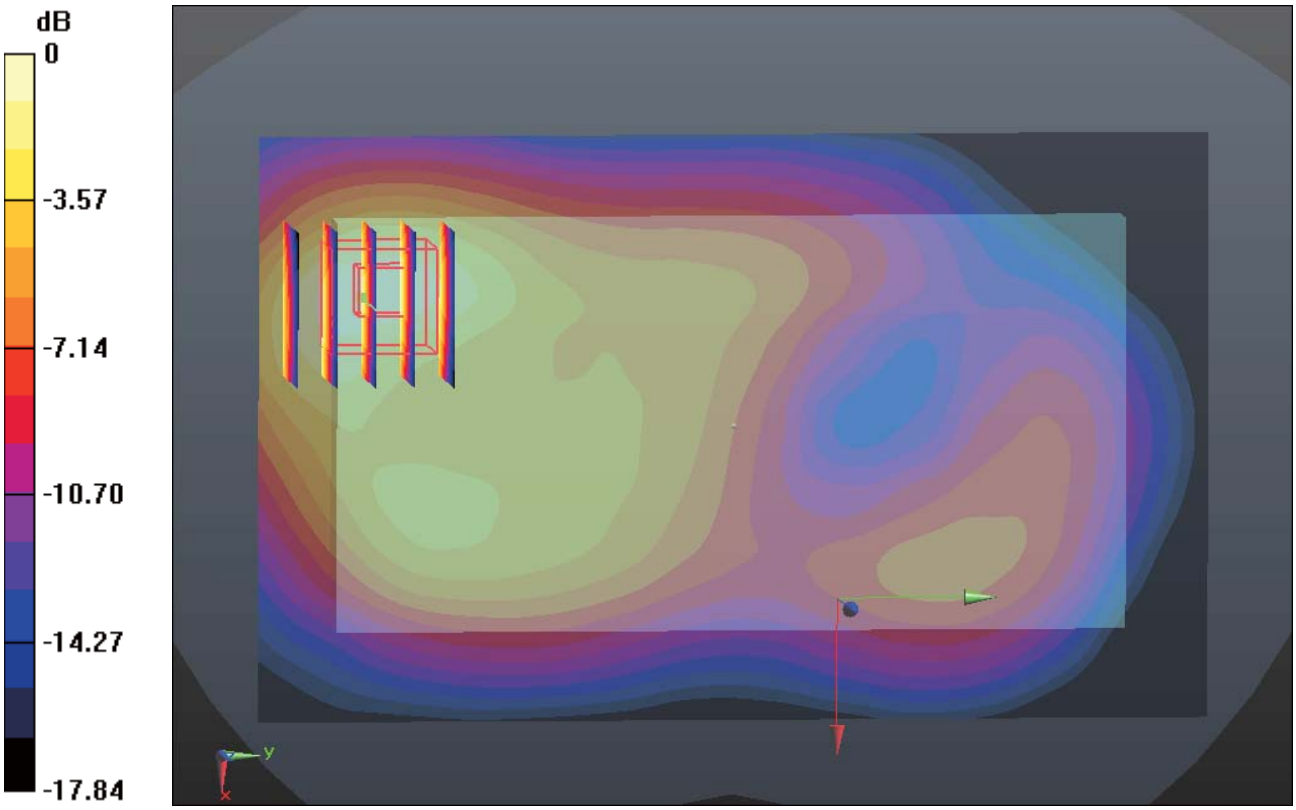
DUT: 2D2505

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130112 Medium parameters used: f = 1852.4 MHz; σ = 1.494 mho/m; ε_r = 53.417; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.155 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.660 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.482 W/kg
SAR(1 g) = 0.858 mW/g; SAR(10 g) = 0.471 mW/g
Maximum value of SAR (measured) = 1.175 mW/g



0 dB = 1.180mW/g

#66 WCDMA Band II_RMC12.2Kbps_Back 1cm_Ch9262

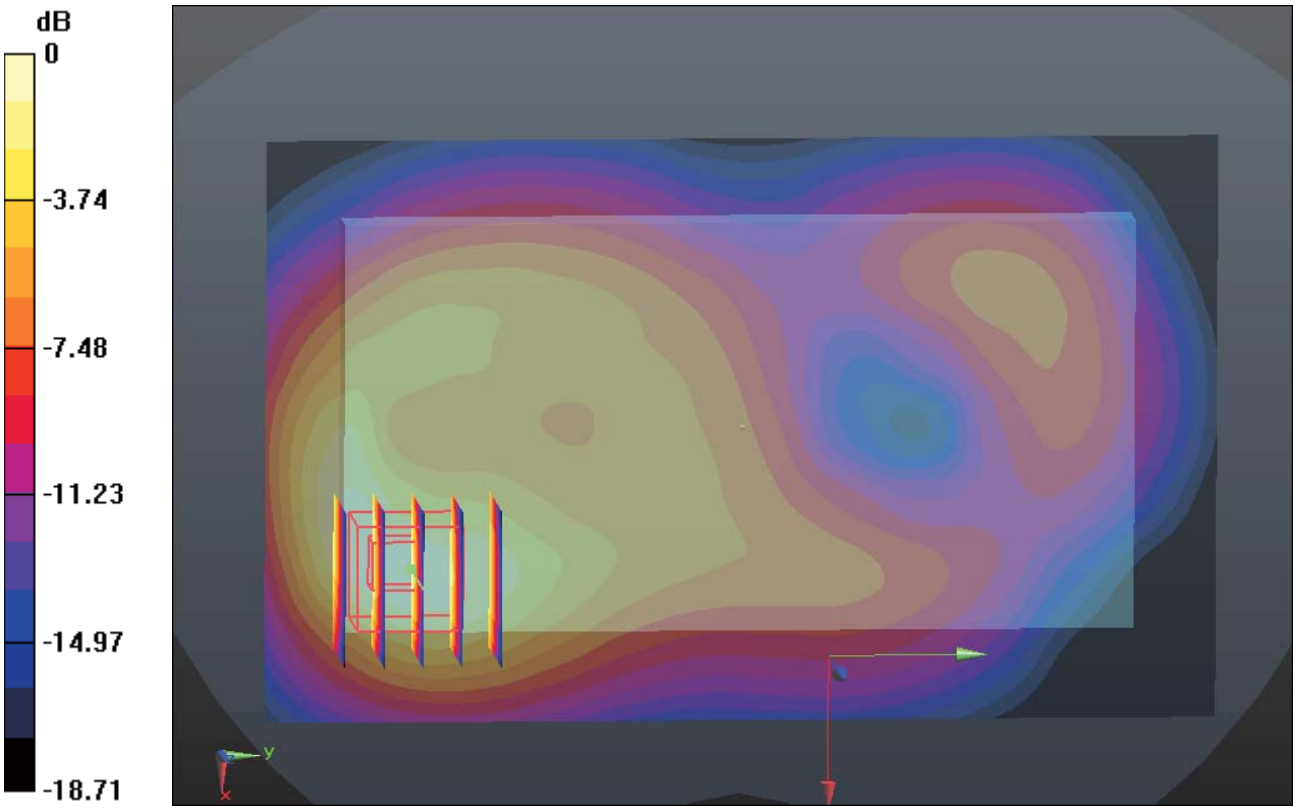
DUT: 2D2505

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130112 Medium parameters used: f = 1852.4 MHz; σ = 1.494 mho/m; ε_r = 53.417; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.150 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.374 V/m; Power Drift = 0.00042 dB
Peak SAR (extrapolated) = 1.506 W/kg
SAR(1 g) = 0.860 mW/g; SAR(10 g) = 0.466 mW/g
Maximum value of SAR (measured) = 1.152 mW/g



0 dB = 1.150mW/g

#67 WCDMA Band II_RMC12.2Kbps_Left Side 1cm_Ch9262

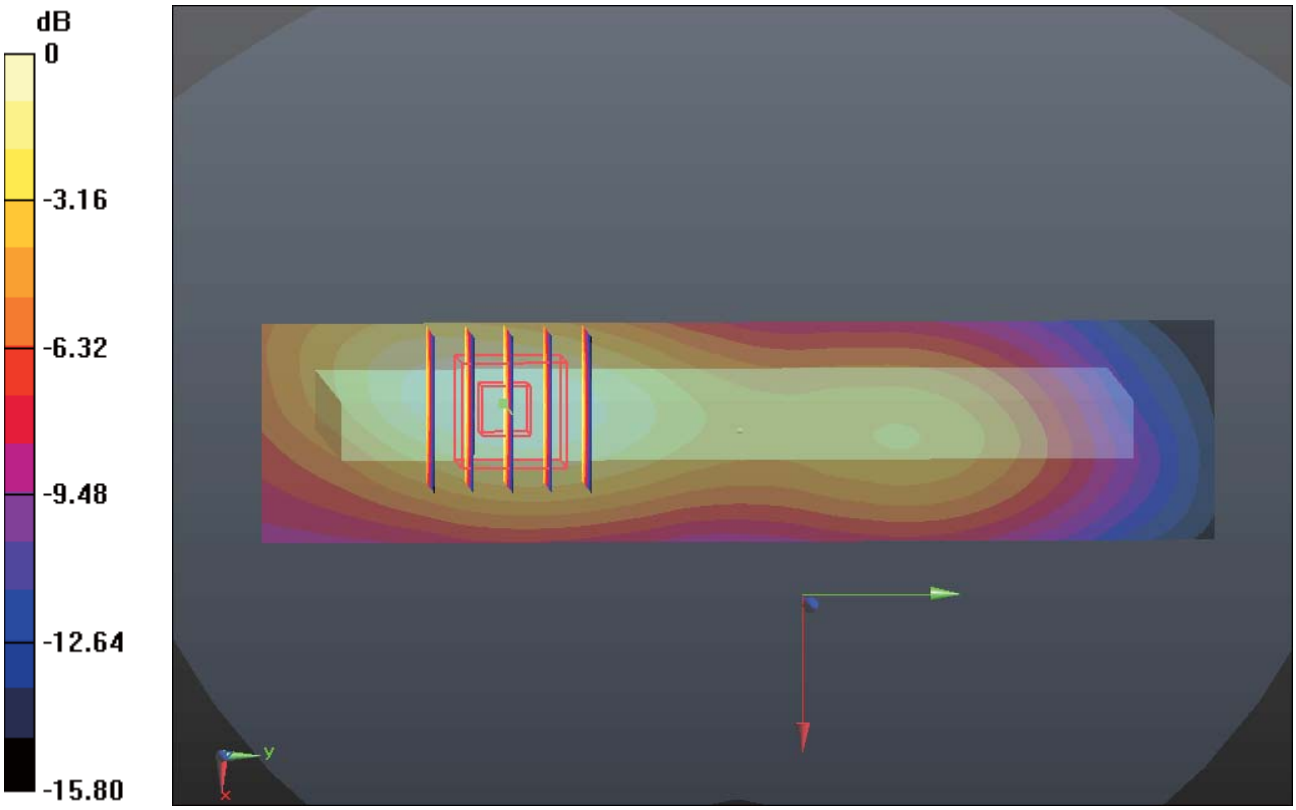
DUT: 2D2505

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130112 Medium parameters used: f = 1852.4 MHz; σ = 1.494 mho/m; ε_r = 53.417; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (31x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.593 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.270 V/m; Power Drift = -0.00046 dB
Peak SAR (extrapolated) = 0.719 W/kg
SAR(1 g) = 0.443 mW/g; SAR(10 g) = 0.261 mW/g
Maximum value of SAR (measured) = 0.592 mW/g



0 dB = 0.590mW/g

#68 WCDMA Band II_RMC12.2Kbps_Right Side 1cm_Ch9262

DUT: 2D2505

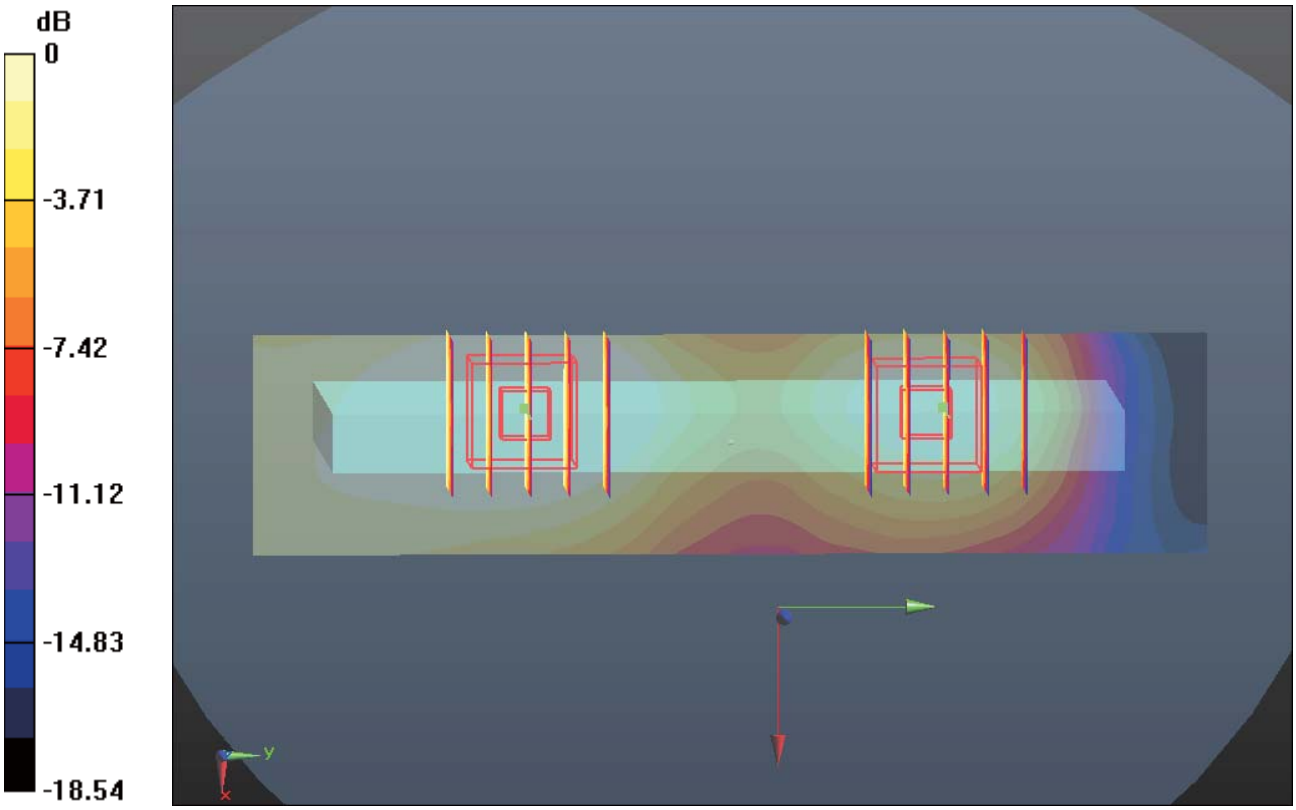
Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130112 Medium parameters used: f = 1852.4 MHz; σ = 1.494 mho/m; ε_r = 53.417; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (31x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.297 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.004 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.359 W/kg
SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.132 mW/g
Maximum value of SAR (measured) = 0.296 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.004 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.228 W/kg
SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.082 mW/g
Maximum value of SAR (measured) = 0.184 mW/g



0 dB = 0.180mW/g

#69 WCDMA Band II_RMC12.2Kbps_Bottom Side 1cm_Ch9262

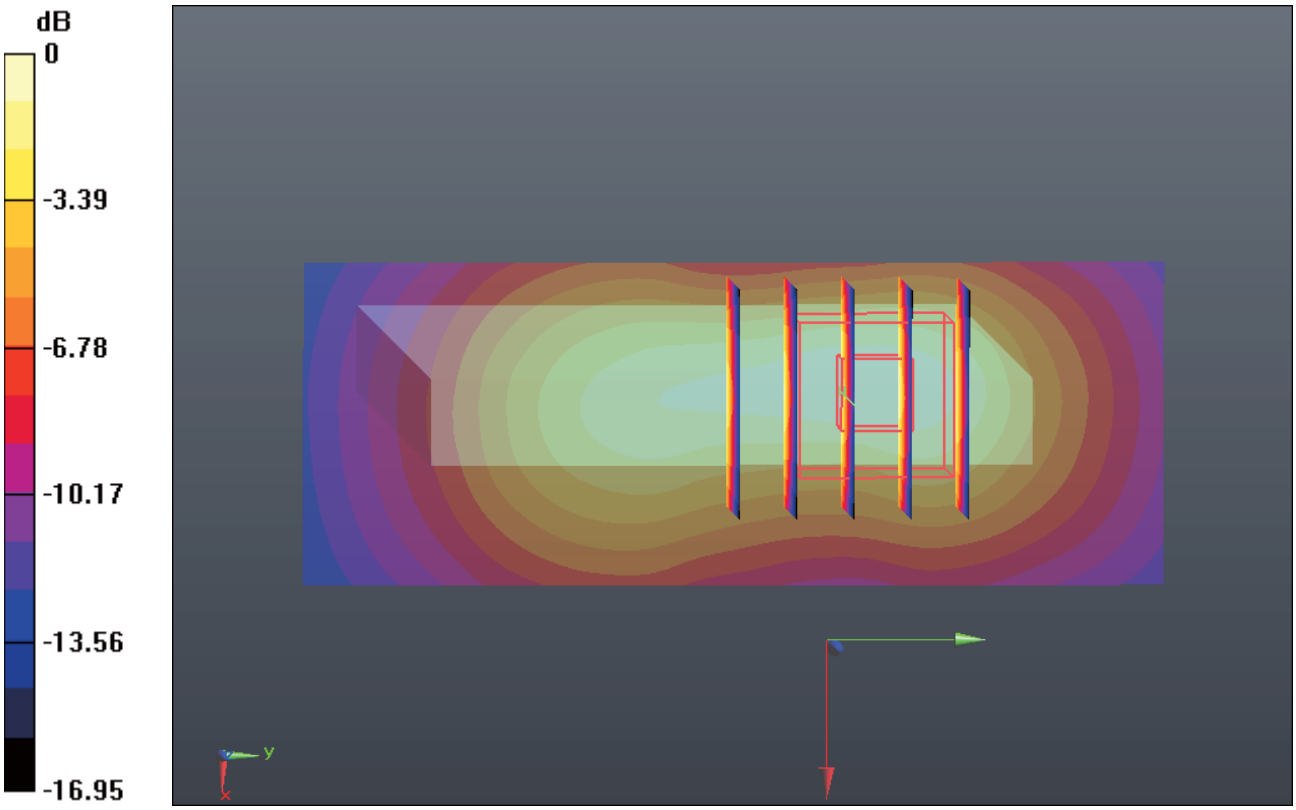
DUT: 2D2505

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130112 Medium parameters used: f = 1852.4 MHz; σ = 1.494 mho/m; ε_r = 53.417; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.191 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.255 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.490 W/kg
SAR(1 g) = 0.861 mW/g; SAR(10 g) = 0.458 mW/g
Maximum value of SAR (measured) = 1.194 mW/g



0 dB = 1.190mW/g

#70 WCDMA Band II_RMC12.2Kbps_Front 1cm_Ch9400

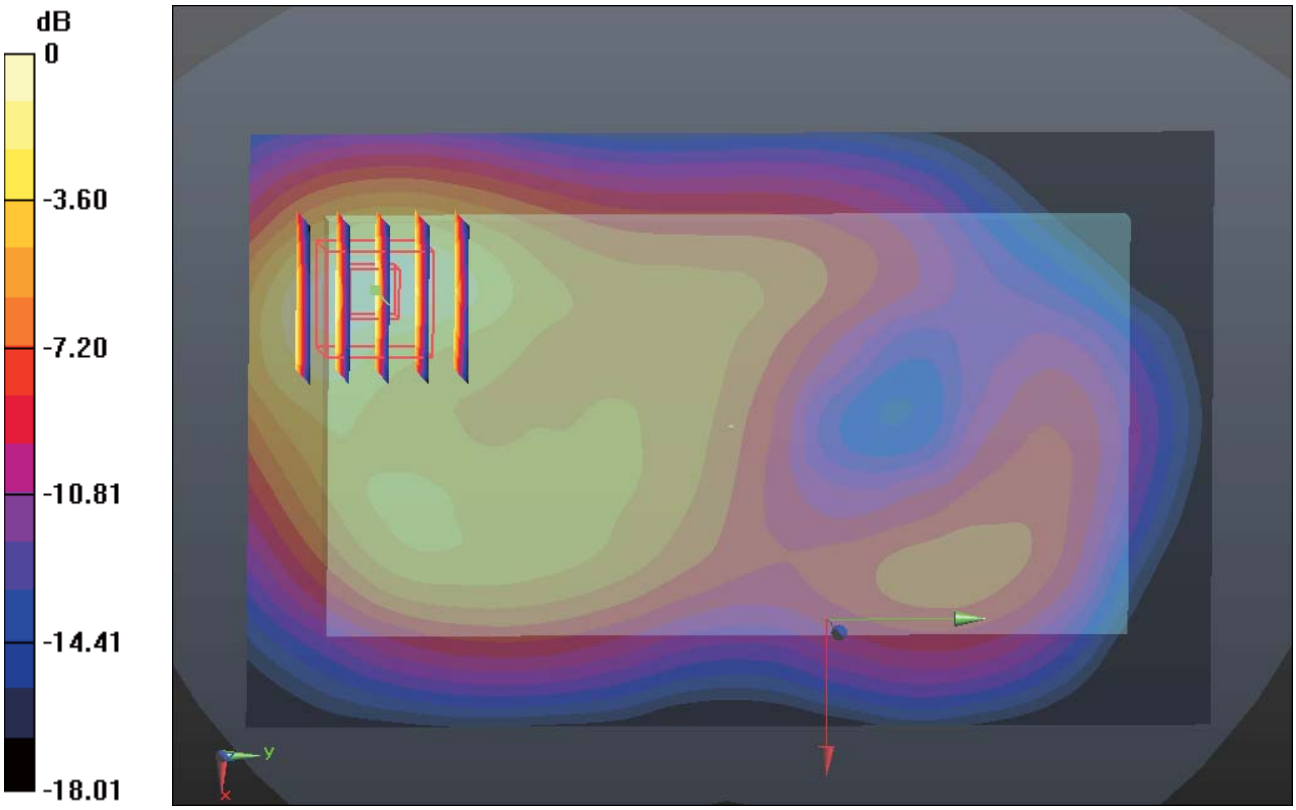
DUT: 2D2505

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130112 Medium parameters used: f = 1880 MHz; σ = 1.528 mho/m; ε_r = 53.361; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.907 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.644 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.150 W/kg
SAR(1 g) = 0.661 mW/g; SAR(10 g) = 0.360 mW/g
Maximum value of SAR (measured) = 0.922 mW/g



0 dB = 0.920mW/g

#71 WCDMA Band II_RMC12.2Kbps_Front 1cm_Ch9538

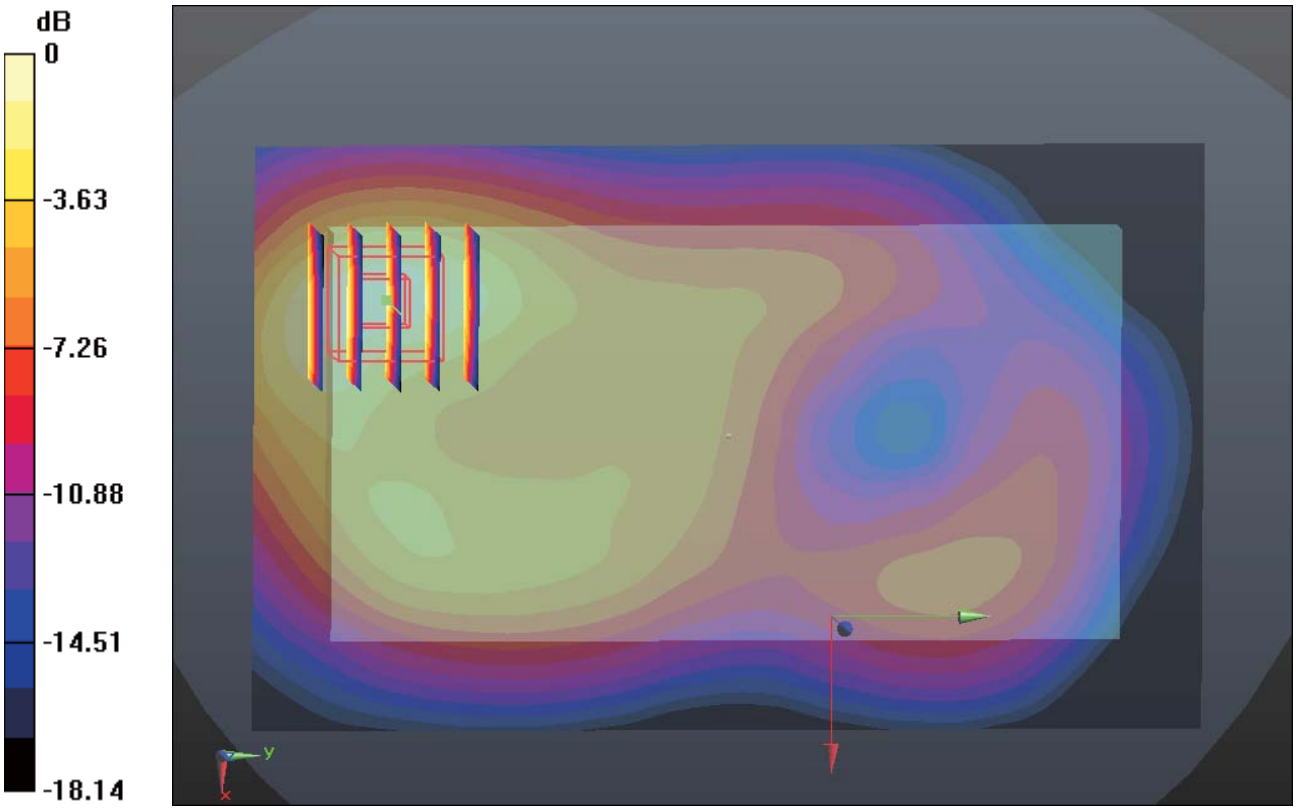
DUT: 2D2505

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130112 Medium parameters used: f = 1908 MHz; σ = 1.56 mho/m; ε_r = 53.286; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.789 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.097 V/m; Power Drift = -0.00061 dB
Peak SAR (extrapolated) = 0.993 W/kg
SAR(1 g) = 0.566 mW/g; SAR(10 g) = 0.309 mW/g
Maximum value of SAR (measured) = 0.791 mW/g



0 dB = 0.790mW/g

#72 WCDMA Band II_RMC12.2Kbps_Back 1cm_Ch9400

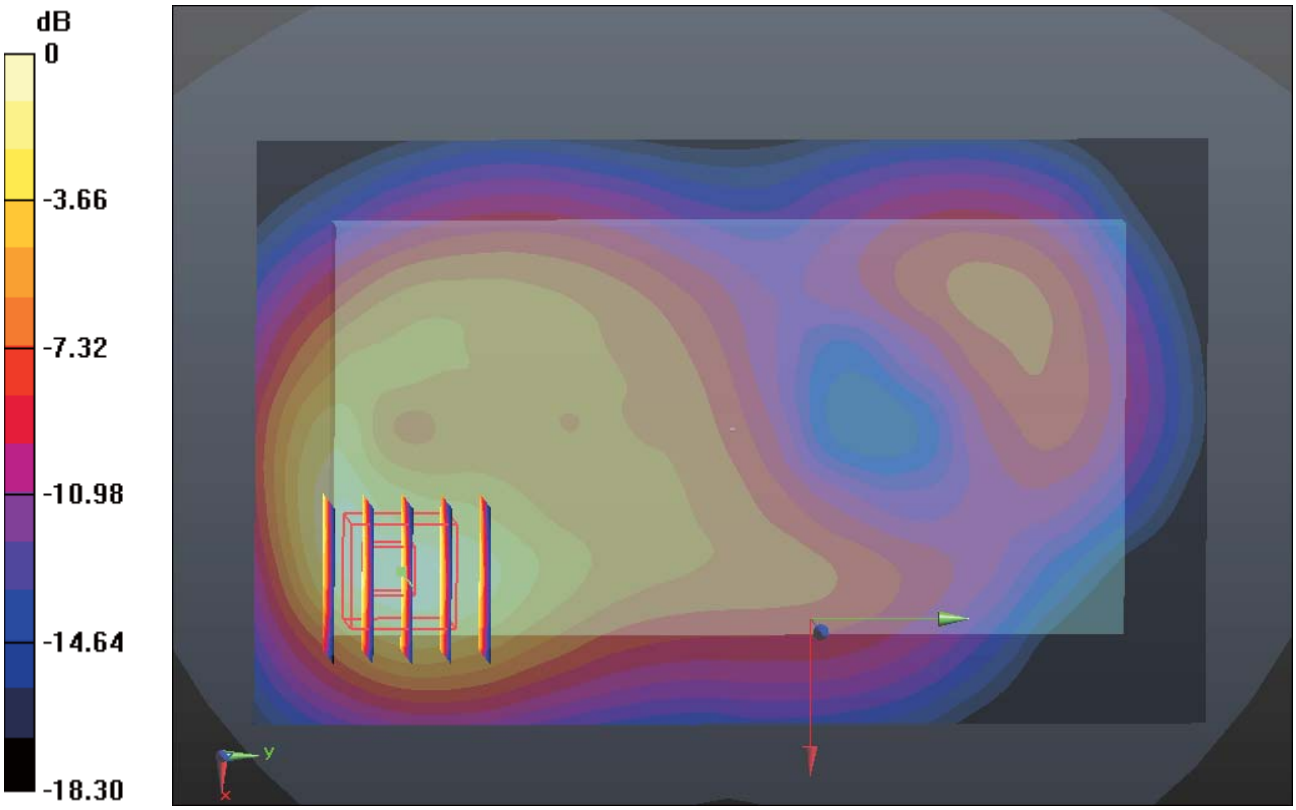
DUT: 2D2505

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130112 Medium parameters used: f = 1880 MHz; σ = 1.528 mho/m; ε_r = 53.361; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.388 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.465 V/m; Power Drift = 0.0073 dB
Peak SAR (extrapolated) = 1.785 W/kg
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.561 mW/g
Maximum value of SAR (measured) = 1.387 mW/g



0 dB = 1.390mW/g

#72 WCDMA Band II_RMC12.2Kbps_Back 1cm_Ch9400_2D

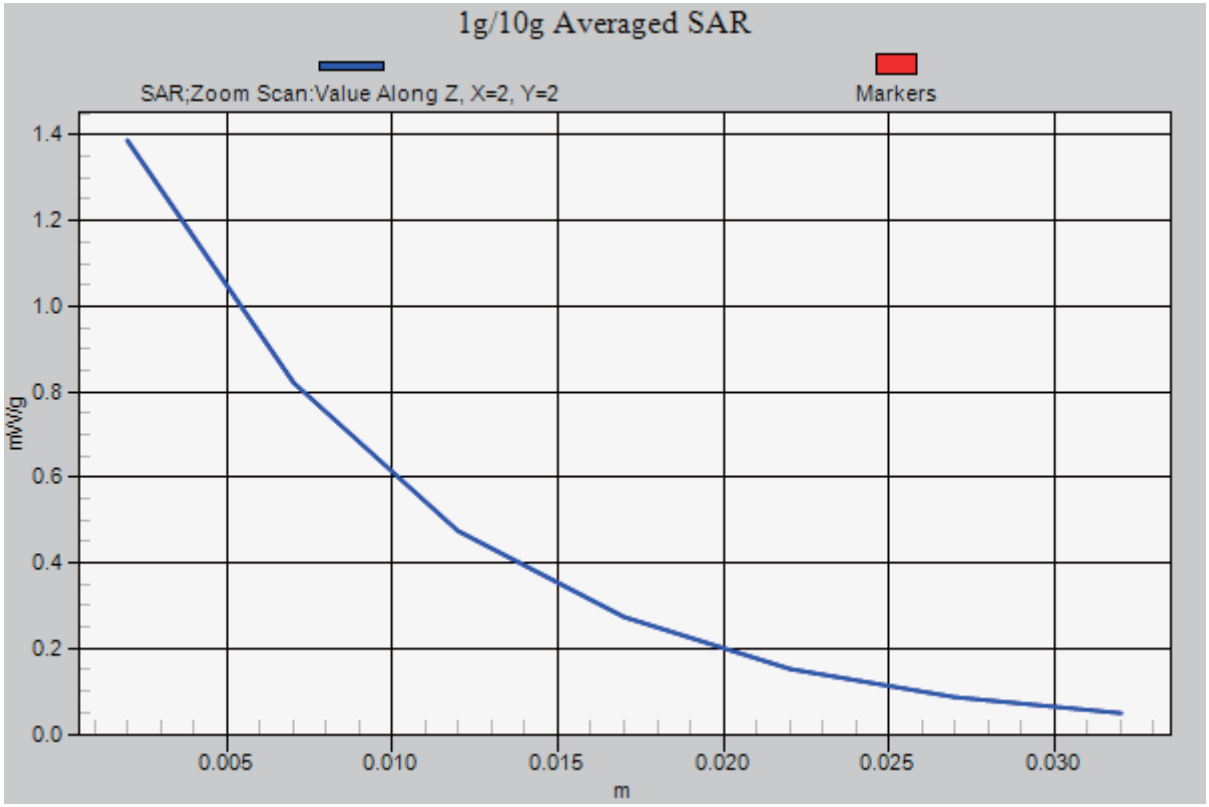
DUT: 2D2505

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130112 Medium parameters used: f = 1880 MHz; σ = 1.528 mho/m; ε_r = 53.361; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.388 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.465 V/m; Power Drift = 0.0073 dB
Peak SAR (extrapolated) = 1.785 W/kg
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.561 mW/g
Maximum value of SAR (measured) = 1.387 mW/g


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

#73 WCDMA Band II_RMC12.2Kbps_Back 1cm_Ch9400_Repeat SAR

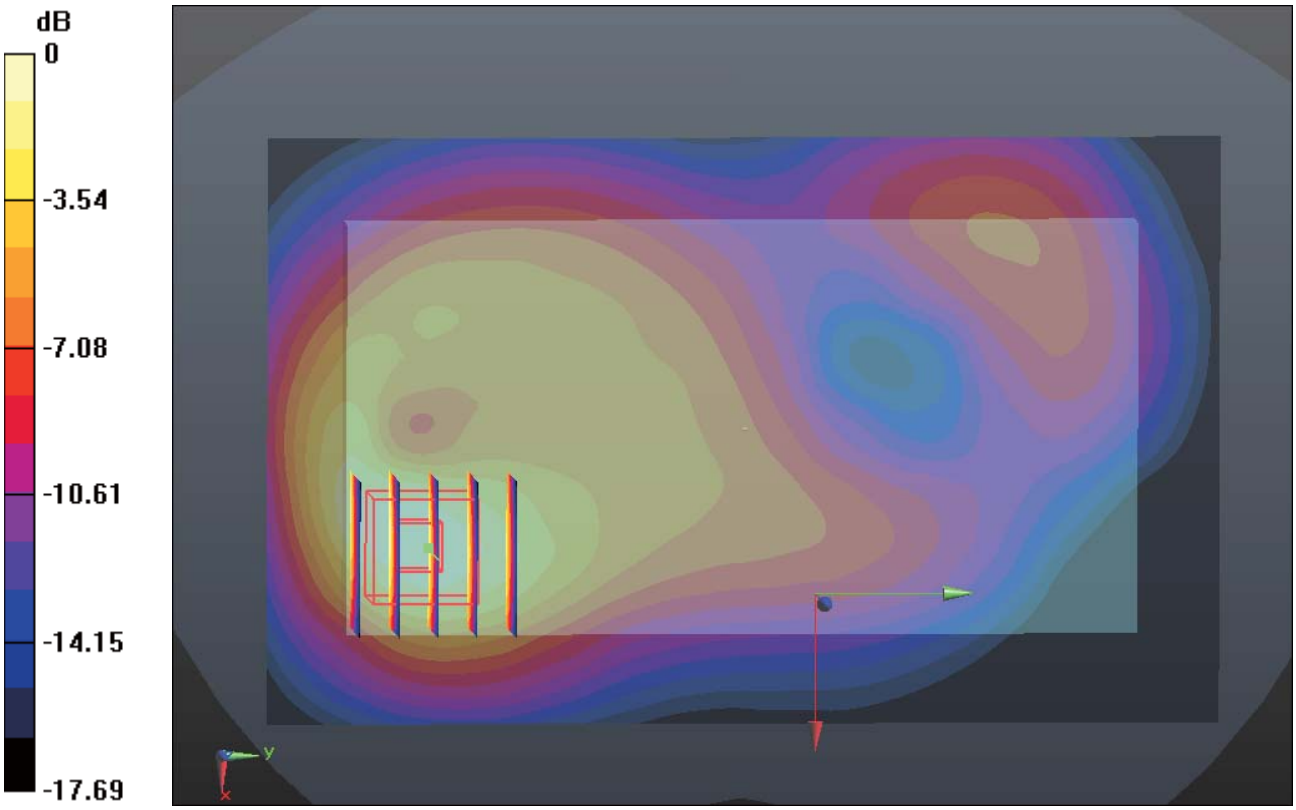
DUT: 2D2505

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130112 Medium parameters used: f = 1880 MHz; σ = 1.528 mho/m; ε_r = 53.361; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.385 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.824 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.762 W/kg
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.554 mW/g
Maximum value of SAR (measured) = 1.366 mW/g



0 dB = 1.370mW/g

#74 WCDMA Band II_RMC12.2Kbps_Back 1cm_Ch9538

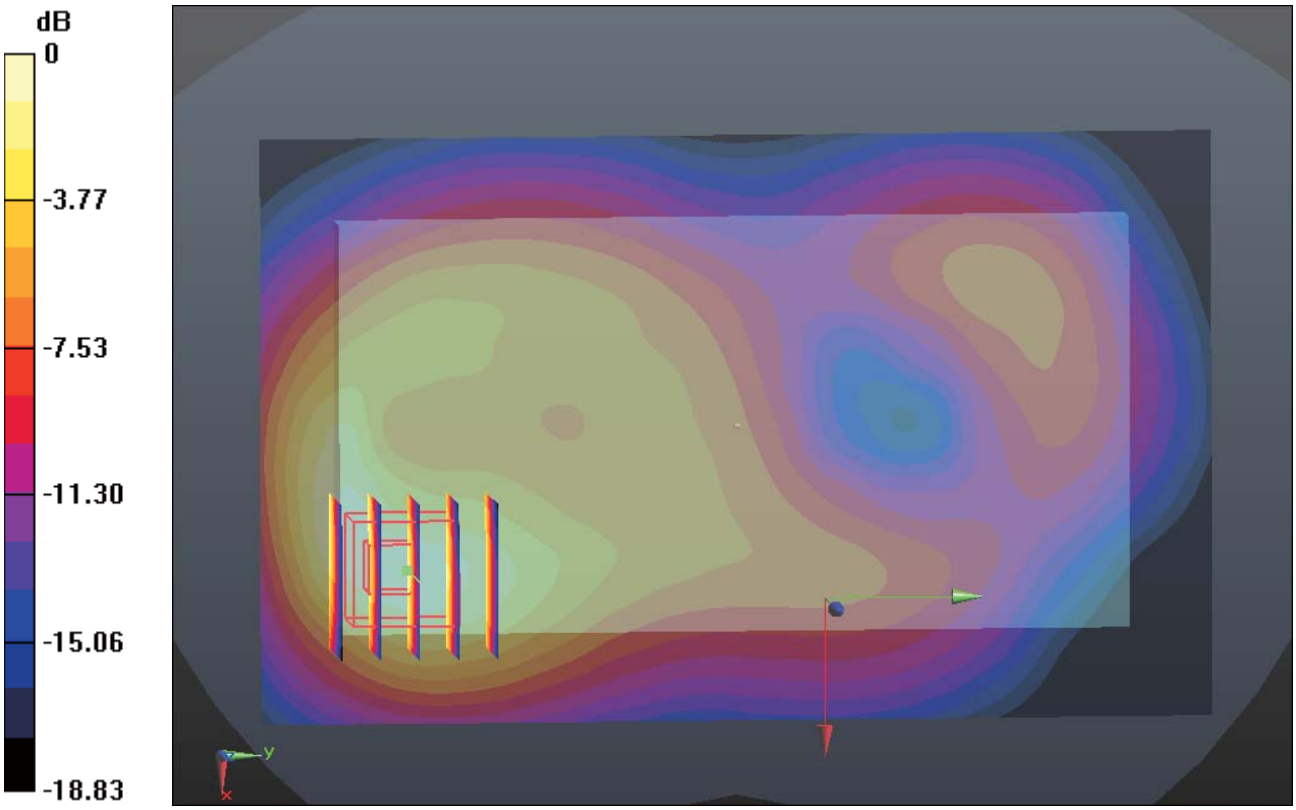
DUT: 2D2505

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130112 Medium parameters used: f = 1908 MHz; σ = 1.56 mho/m; ε_r = 53.286; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.228 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.463 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.599 W/kg
SAR(1 g) = 0.915 mW/g; SAR(10 g) = 0.496 mW/g
Maximum value of SAR (measured) = 1.220 mW/g



0 dB = 1.220mW/g

#75 WCDMA Band II_RMC12.2Kbps_Bottom Side 1cm_Ch9400

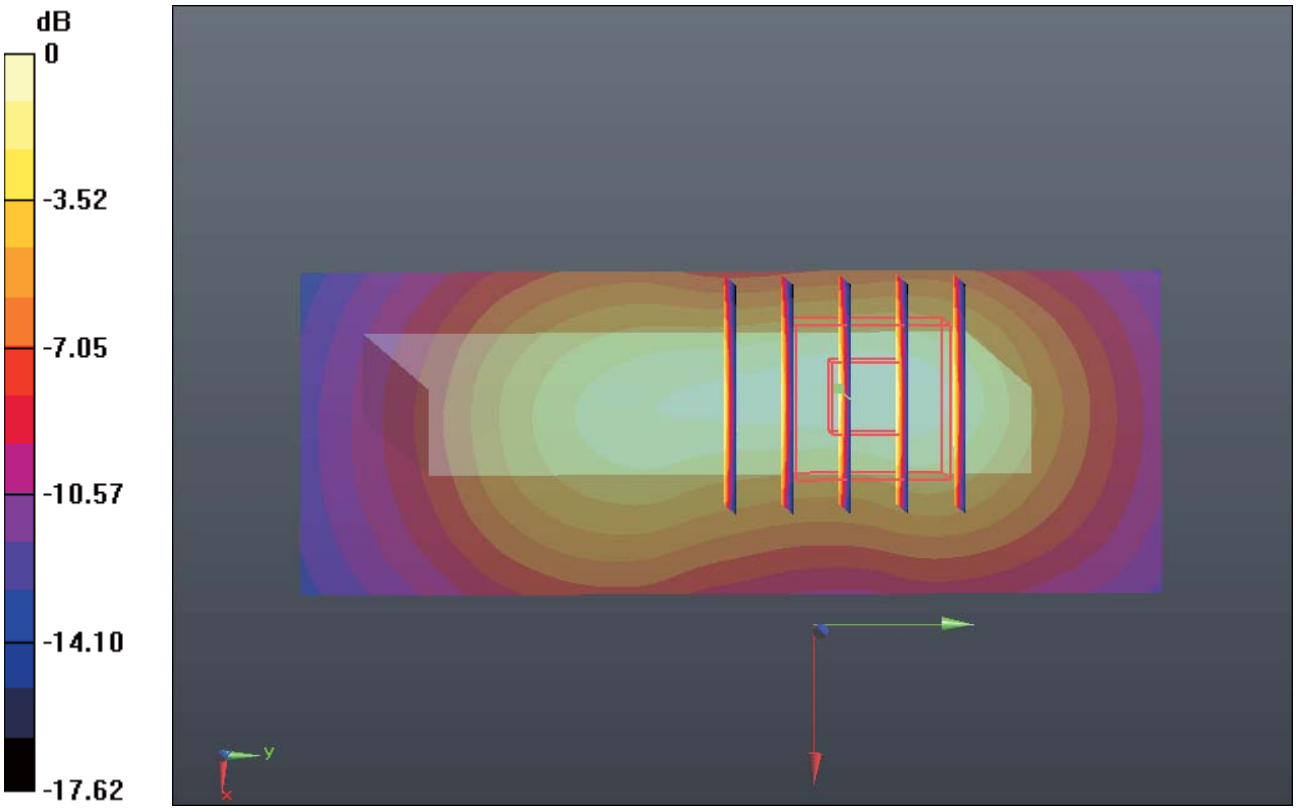
DUT: 2D2505

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130112 Medium parameters used: f = 1880 MHz; σ = 1.528 mho/m; ε_r = 53.361; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.012 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.208 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.281 W/kg
SAR(1 g) = 0.732 mW/g; SAR(10 g) = 0.386 mW/g
Maximum value of SAR (measured) = 1.018 mW/g



0 dB = 1.020mW/g

#76 WCDMA Band II_RMC12.2Kbps_Bottom Side 1cm_Ch9538

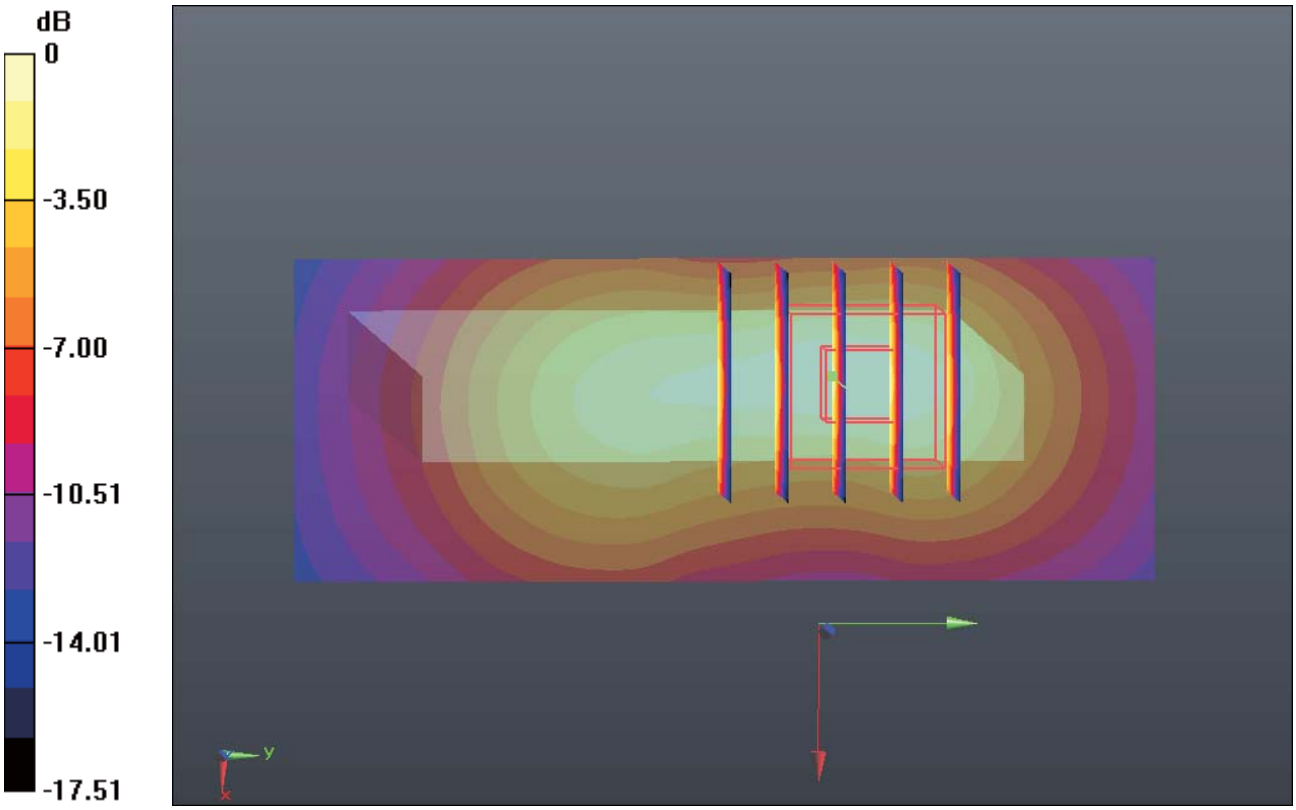
DUT: 2D2505

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130112 Medium parameters used: f = 1908 MHz; σ = 1.56 mho/m; ε_r = 53.286; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.928 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.084 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.174 W/kg
SAR(1 g) = 0.666 mW/g; SAR(10 g) = 0.349 mW/g
Maximum value of SAR (measured) = 0.934 mW/g



0 dB = 0.930mW/g

#77 802.11b_Front 1cm_Ch1

DUT: 2D2505

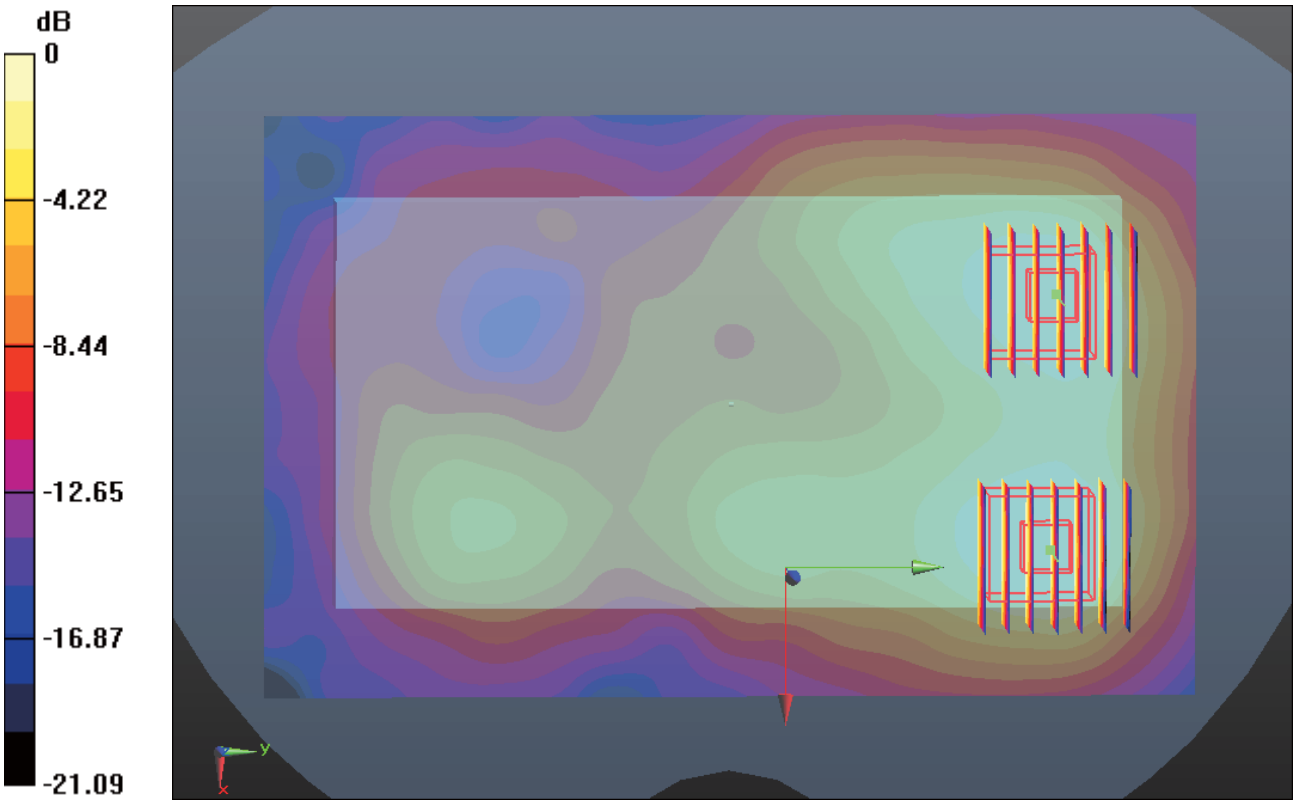
Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130204 Medium parameters used: f = 2412 MHz; σ = 1.883 mho/m; ε_r = 53.971; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (101x161x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.222 mW/g

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.773 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.298 W/kg
SAR(1 g) = 0.147 mW/g; SAR(10 g) = 0.074 mW/g
Maximum value of SAR (measured) = 0.219 mW/g

Ch1/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.773 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.203 W/kg
SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.063 mW/g
Maximum value of SAR (measured) = 0.155 mW/g



0 dB = 0.160mW/g

#78 802.11b_Back 1cm_Ch1

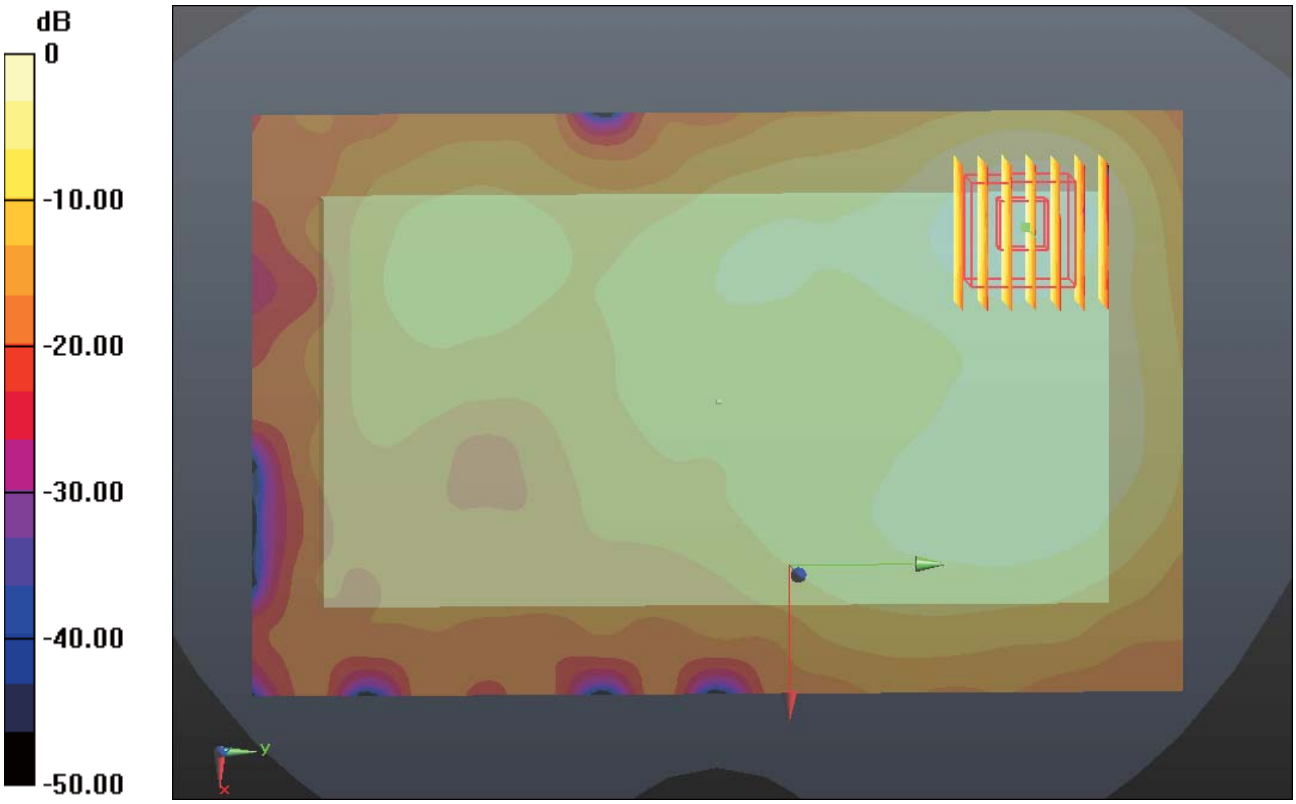
DUT: 2D2505

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130204 Medium parameters used: f = 2412 MHz; σ = 1.883 mho/m; ε_r = 53.971; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (101x161x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.285 mW/g

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.925 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.391 W/kg
SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.095 mW/g
Maximum value of SAR (measured) = 0.285 mW/g



0 dB = 0.280mW/g

#79 802.11b_Right Side 1cm_Ch1

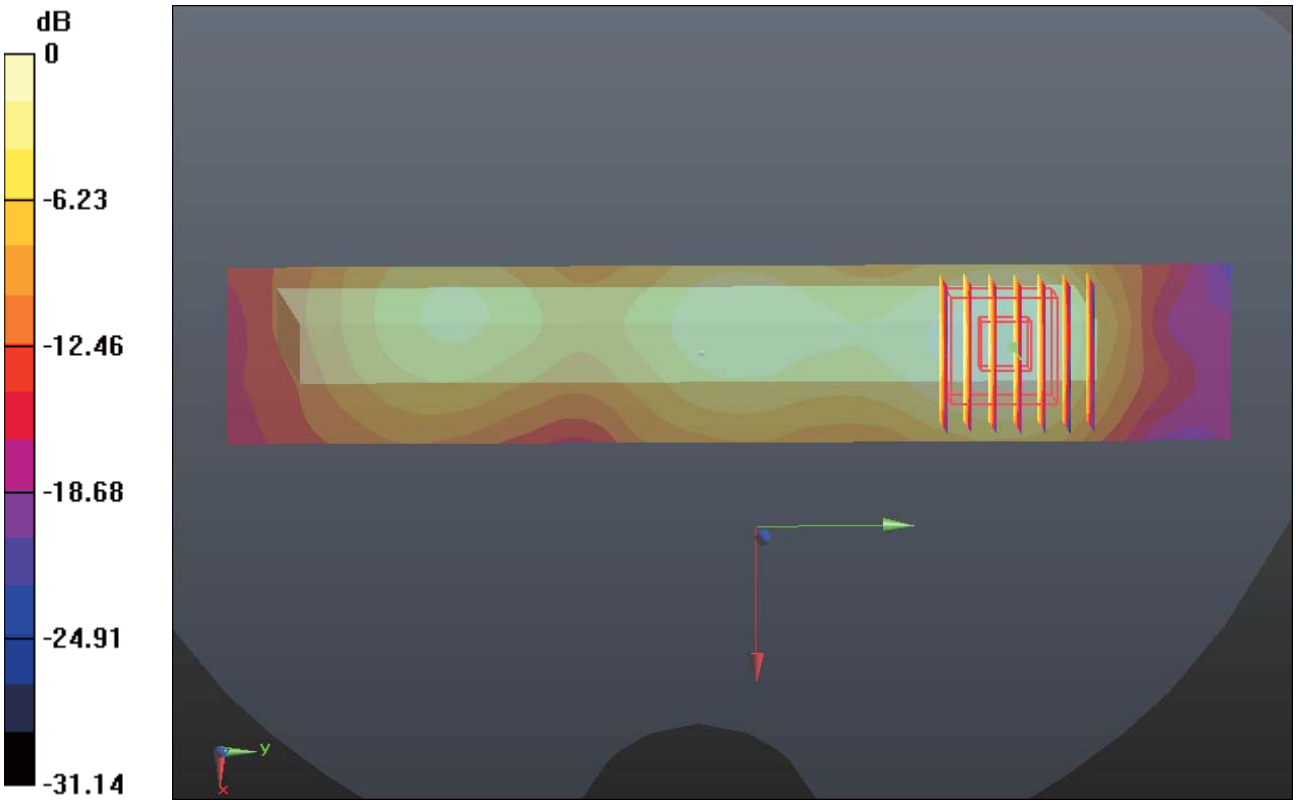
DUT: 2D2505

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130204 Medium parameters used: f = 2412 MHz; σ = 1.883 mho/m; ε_r = 53.971; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (31x171x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.233 mW/g

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.314 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.302 W/kg
SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.074 mW/g
Maximum value of SAR (measured) = 0.220 mW/g



0 dB = 0.220mW/g

#80 802.11b_Top Side 1cm_Ch1

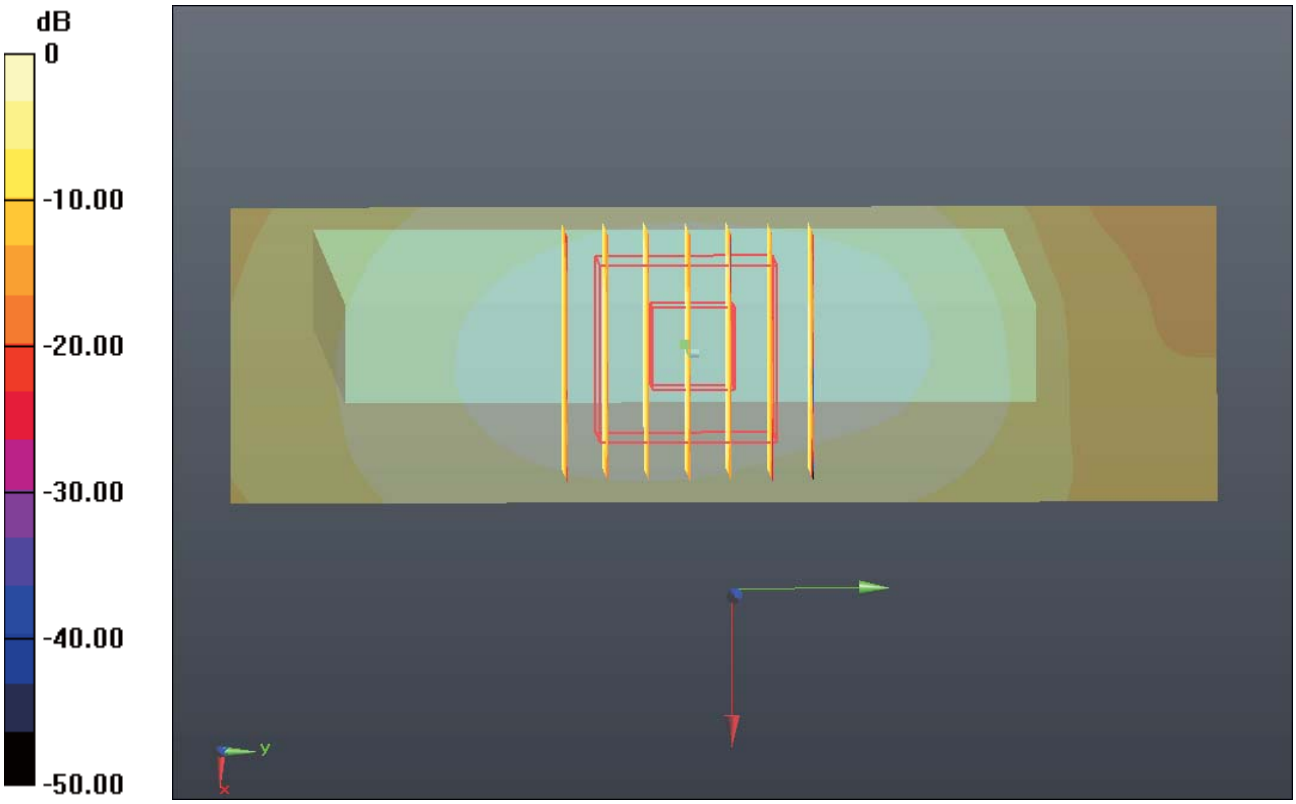
DUT: 2D2505

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130204 Medium parameters used: f = 2412 MHz; σ = 1.883 mho/m; ε_r = 53.971; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (31x101x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.141 mW/g

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.460 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.188 W/kg
SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.051 mW/g
Maximum value of SAR (measured) = 0.140 mW/g



0 dB = 0.140mW/g

#81 802.11b_Back 1cm_Ch1_Headset

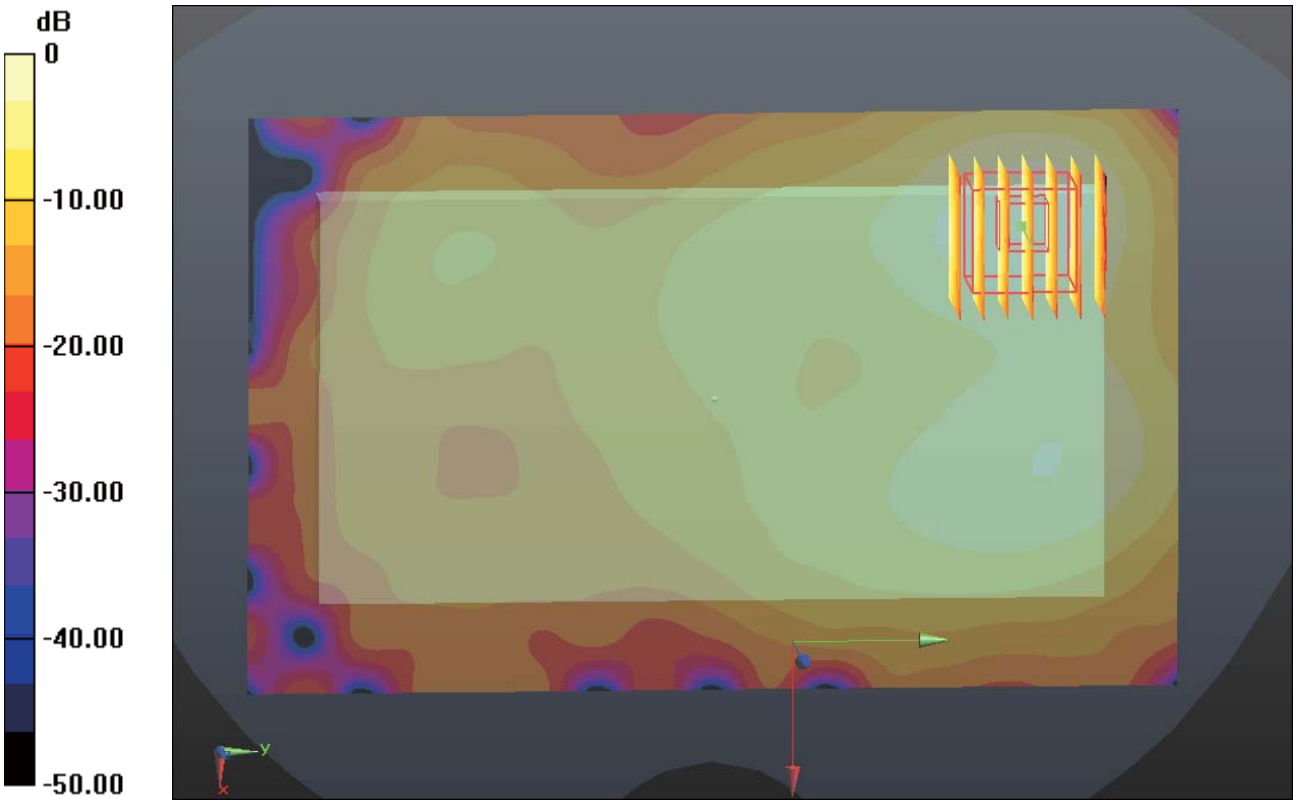
DUT: 2D2505

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130204 Medium parameters used: f = 2412 MHz; σ = 1.883 mho/m; ε_r = 53.971; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (101x161x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.313 mW/g

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.663 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.434 W/kg
SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.104 mW/g
Maximum value of SAR (measured) = 0.319 mW/g



0 dB = 0.320mW/g

#81 802.11b_Back 1cm_Ch1_Headset_2D

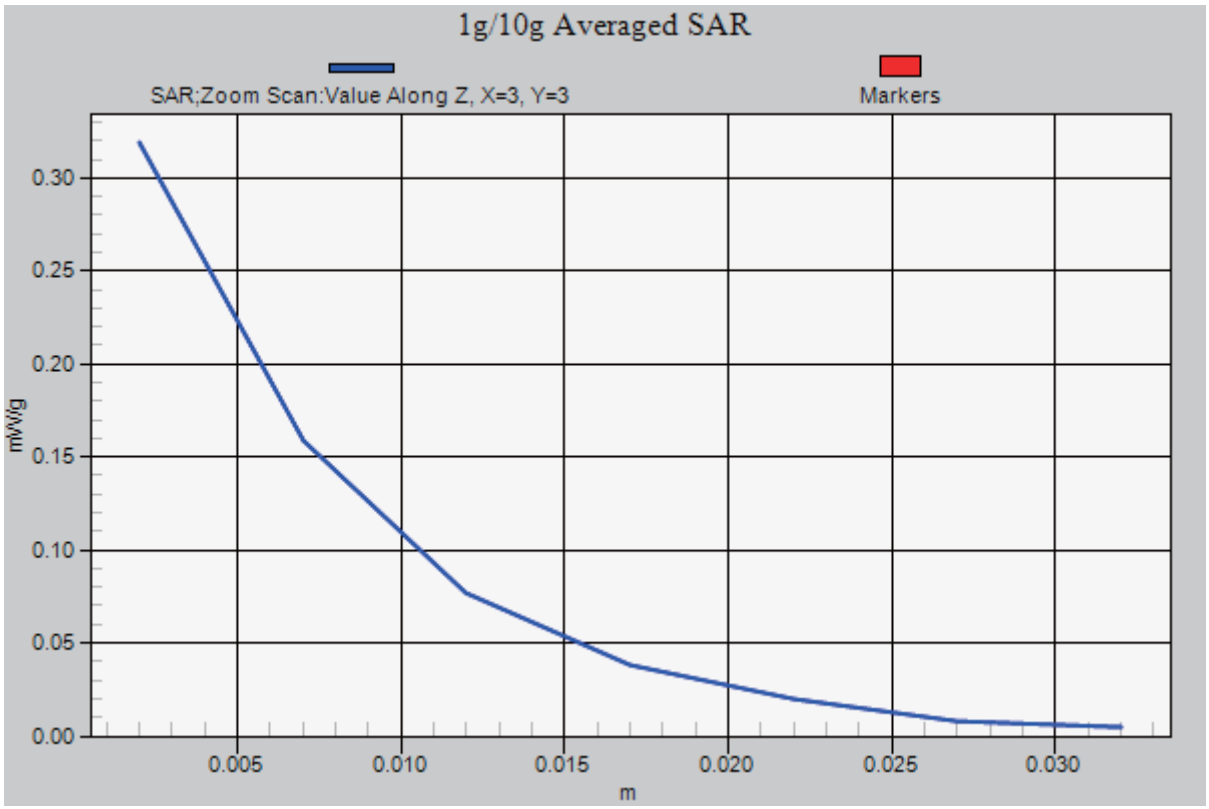
DUT: 2D2505

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130204 Medium parameters used: f = 2412 MHz; σ = 1.883 mho/m; ε_r = 53.971; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (101x161x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.313 mW/g

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.663 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.434 W/kg
SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.104 mW/g
Maximum value of SAR (measured) = 0.319 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=3, Y=3
Markers
0.30
0.25
0.20
0.15
0.10
0.05
0.00
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
m