Appendix B. Plots of SAR Measurement

The plots are shown as follows.

47 GSM850_GSM Voice_Right Cheek_Ch128

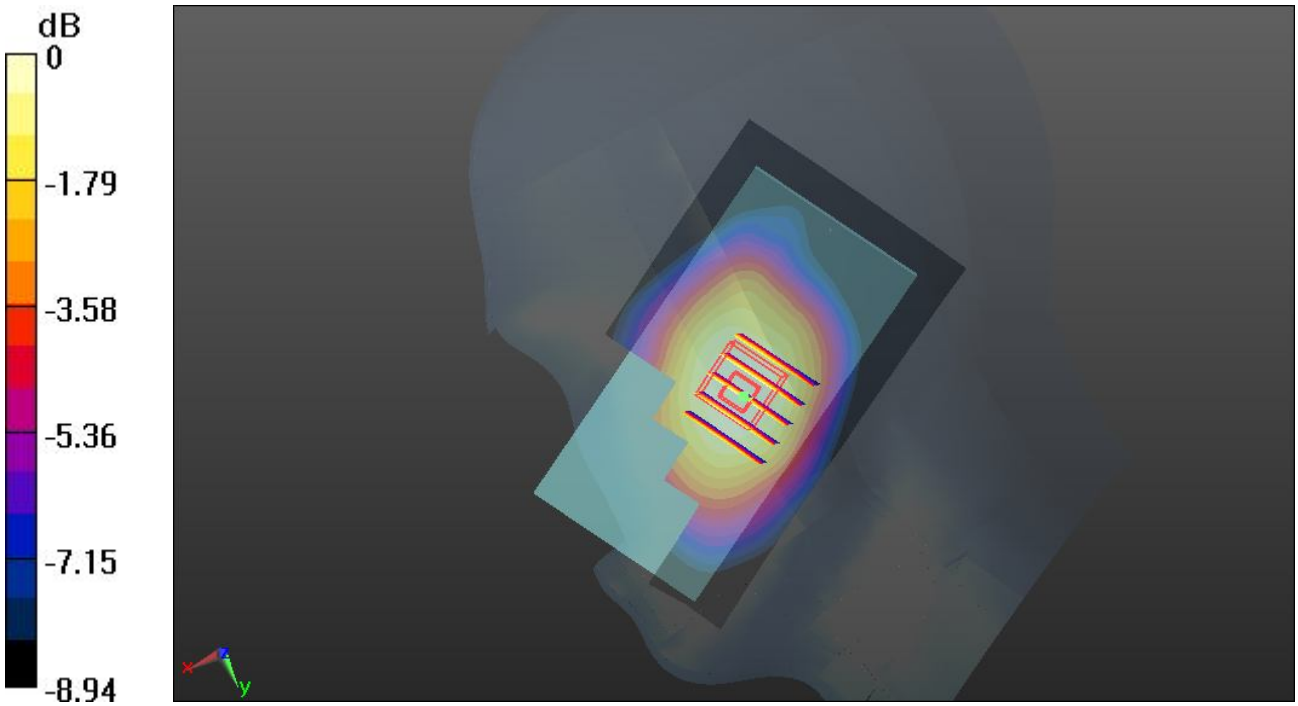
DUT: 342511

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_130615 Medium parameters used: f = 824.2 MHz; σ = 0.895 mho/m; ε_r = 41.309; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.328 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.345 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.353 mW/g
SAR(1 g) = 0.287 mW/g; SAR(10 g) = 0.220 mW/g
Maximum value of SAR (measured) = 0.326 W/kg



0 dB = 0.326 W/kg

48 GSM850_GSM Voice_Right Tilted_Ch128

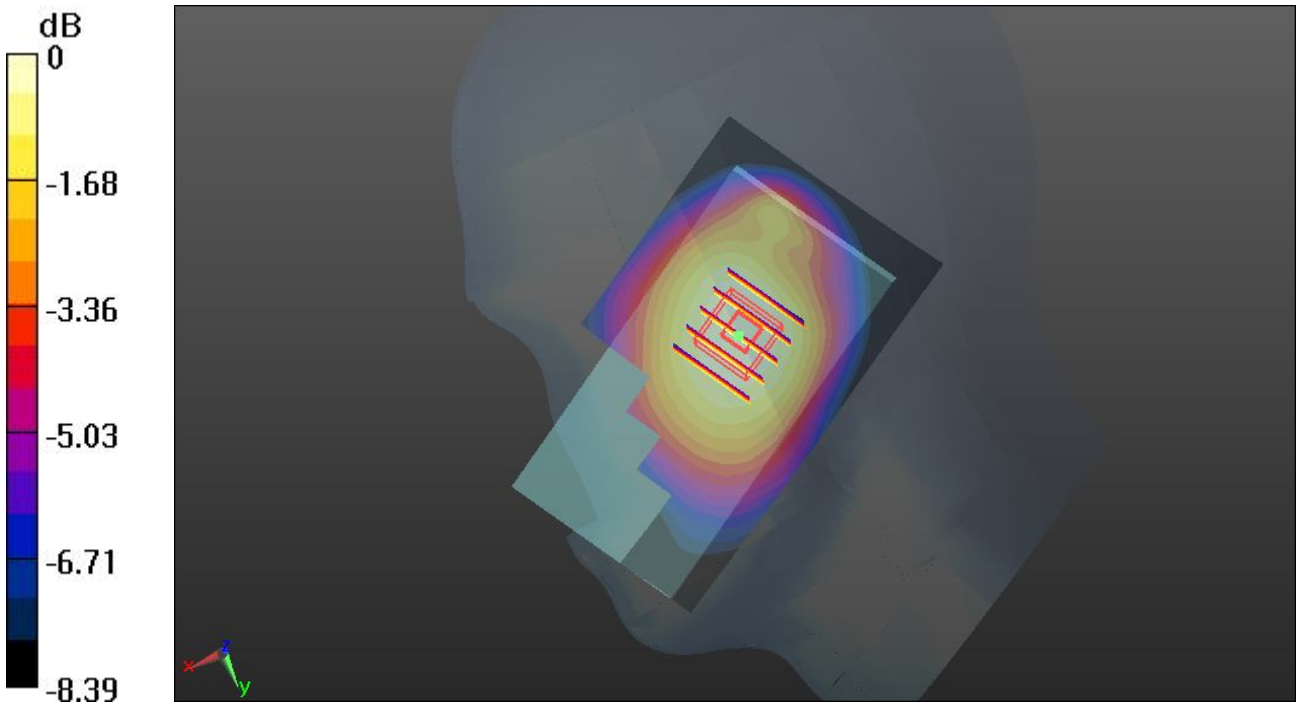
DUT: 342511

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_130615 Medium parameters used: f = 824.2 MHz; σ = 0.895 mho/m; ε_r = 41.309; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.194 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.018 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.211 mW/g
SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.137 mW/g
Maximum value of SAR (measured) = 0.195 W/kg



0 dB = 0.195 W/kg

49 GSM850_GSM Voice_Left Cheek_Ch128

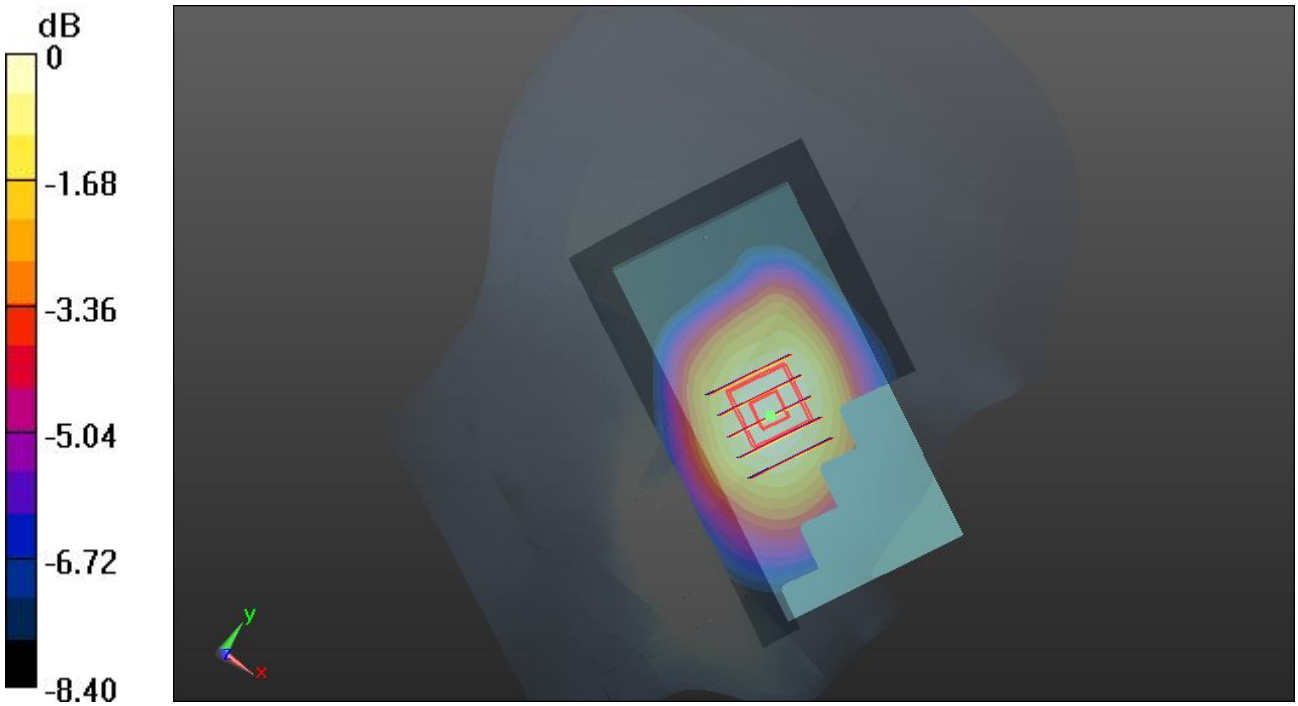
DUT: 342511

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_130615 Medium parameters used: f = 824.2 MHz; σ = 0.895 mho/m; ε_r = 41.309; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.313 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.945 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.338 mW/g
SAR(1 g) = 0.277 mW/g; SAR(10 g) = 0.212 mW/g
Maximum value of SAR (measured) = 0.313 W/kg



0 dB = 0.313 W/kg

50 GSM850_GSM Voice_Left Tilted_Ch128

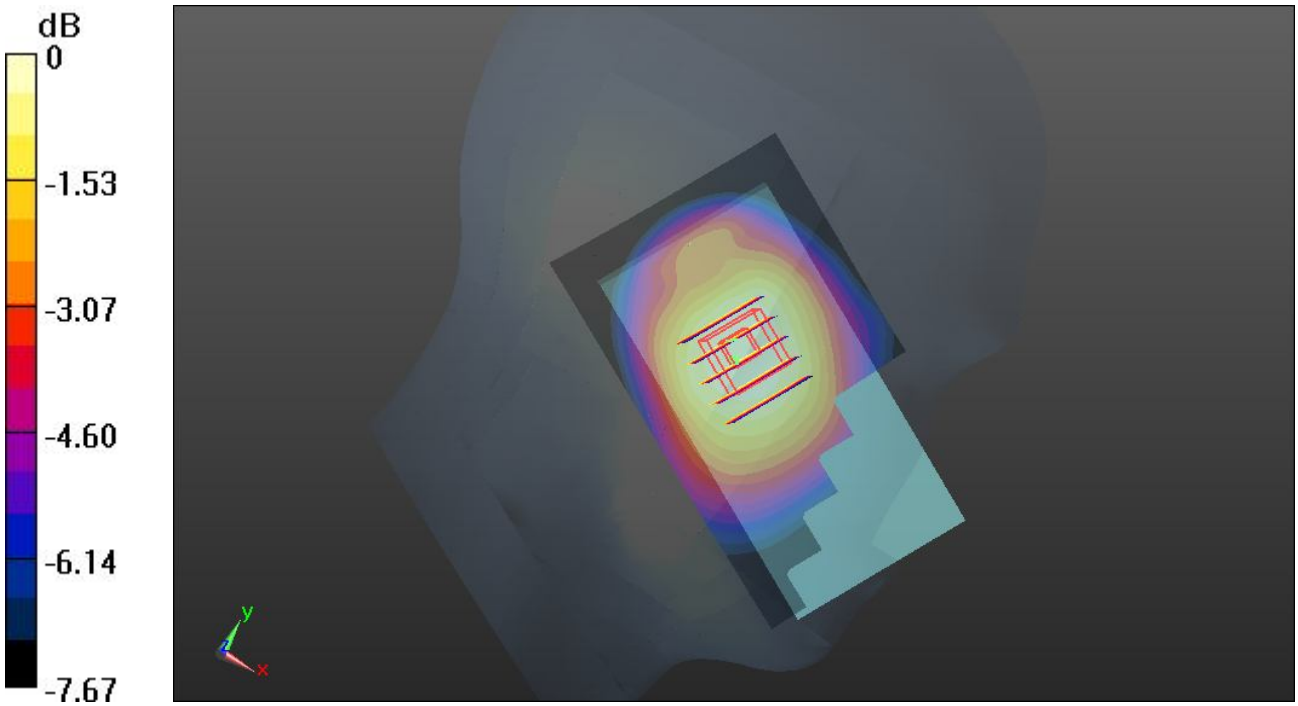
DUT: 342511

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_130615 Medium parameters used: f = 824.2 MHz; σ = 0.895 mho/m; ε_r = 41.309; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.184 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.382 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.203 mW/g
SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.129 mW/g
Maximum value of SAR (measured) = 0.186 W/kg



0 dB = 0.186 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 23.05.2013

09 GSM1900_GSM Voice_Right Cheek_Ch810

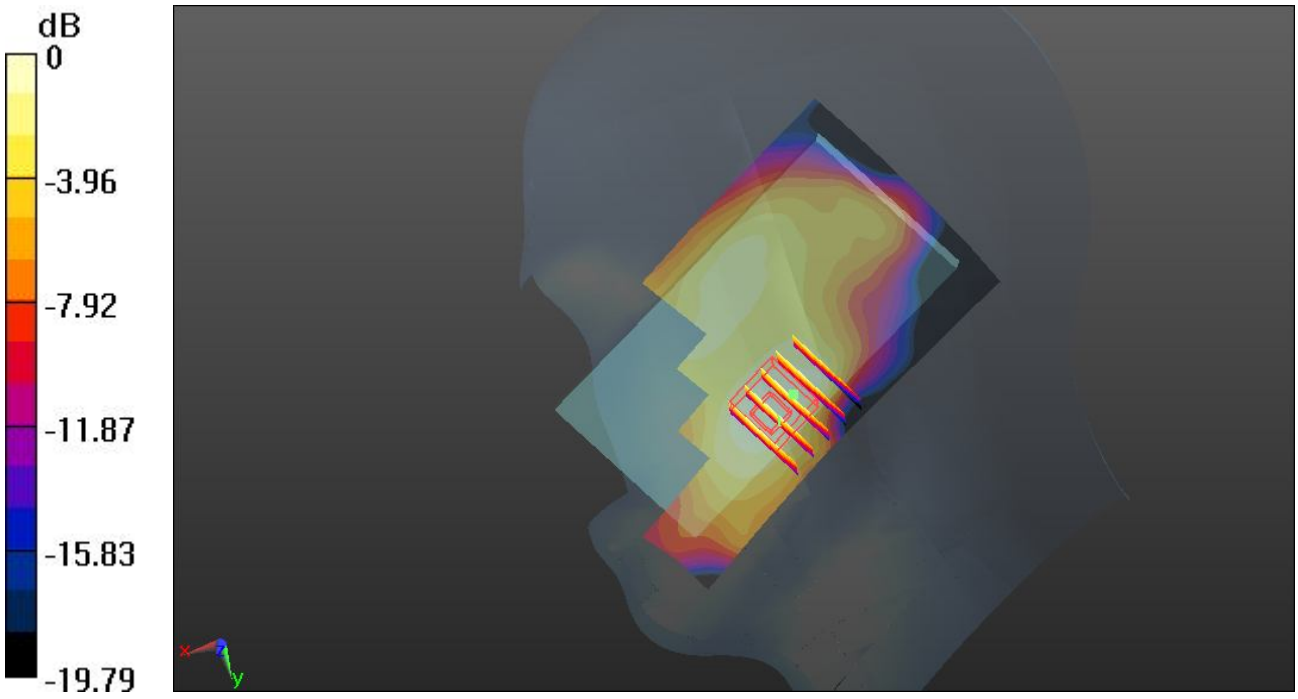
DUT: 342511

Communication System: Generic GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_130523 Medium parameters used: f = 1910 MHz; σ = 1.425 mho/m; ε_r = 40.491; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.262 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.347 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.325 mW/g
SAR(1 g) = 0.212 mW/g; SAR(10 g) = 0.129 mW/g
Maximum value of SAR (measured) = 0.270 W/kg



0 dB = 0.270 W/kg

10 GSM1900_GSM Voice_Right Tilted_Ch810

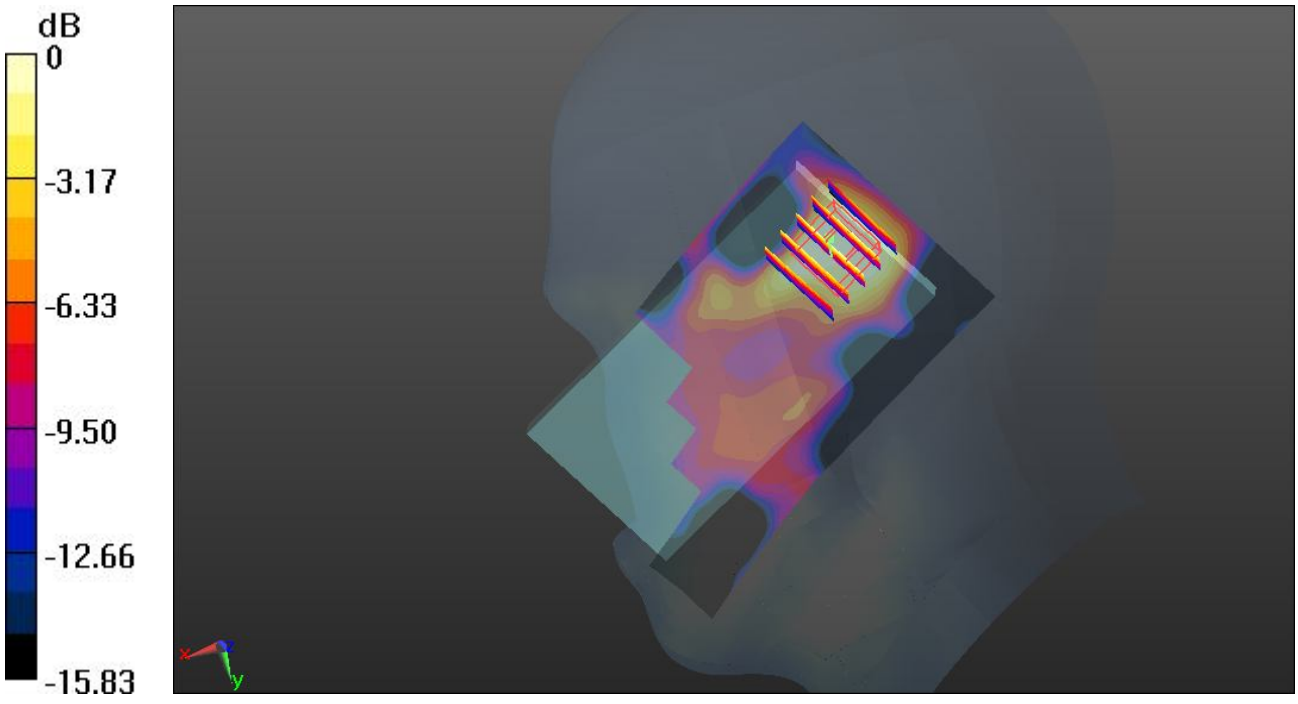
DUT: 342511

Communication System: Generic GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_130523 Medium parameters used: f = 1910 MHz; σ = 1.425 mho/m; ε_r = 40.491; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.268 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.468 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.220 mW/g
SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.080 mW/g
Maximum value of SAR (measured) = 0.176 W/kg



0 dB = 0.176 W/kg

11 GSM1900_GSM Voice_Left Cheek_Ch810

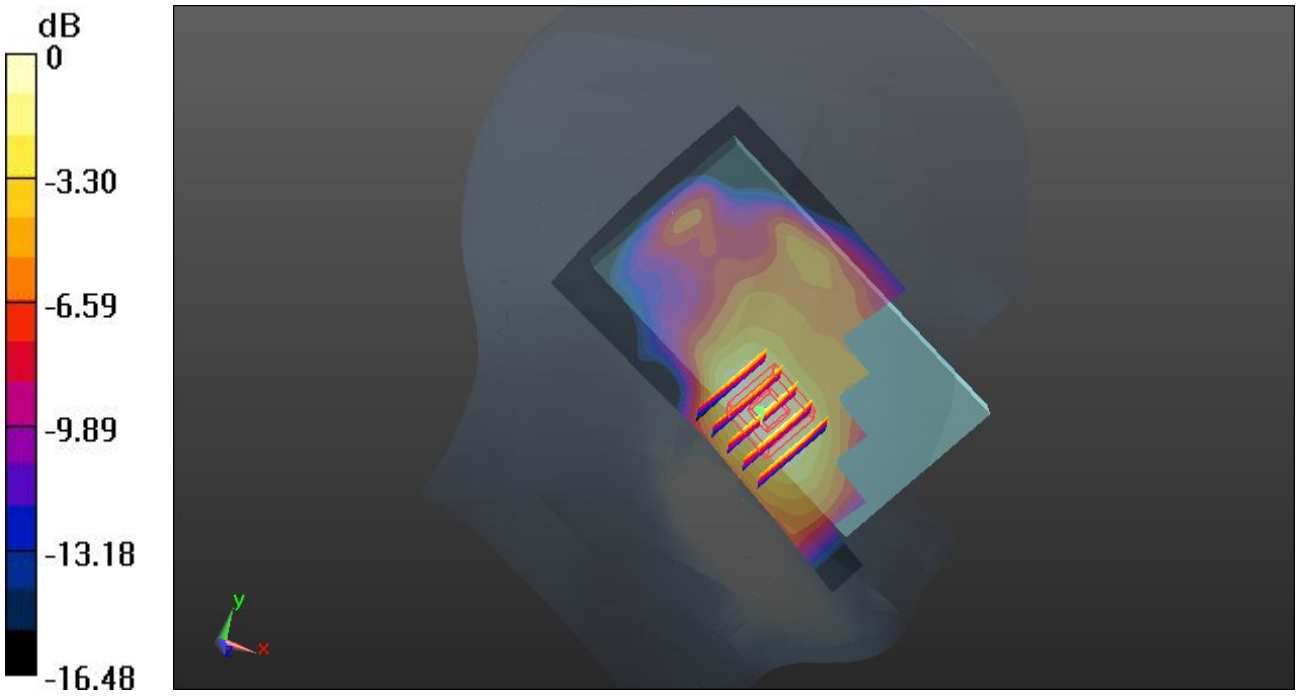
DUT: 342511

Communication System: Generic GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_130523 Medium parameters used: f = 1910 MHz; σ = 1.425 mho/m; ε_r = 40.491; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.372 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.964 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.464 mW/g
SAR(1 g) = 0.301 mW/g; SAR(10 g) = 0.181 mW/g
Maximum value of SAR (measured) = 0.391 W/kg



0 dB = 0.391 W/kg

12 GSM1900_GSM Voice_Left Tilted_Ch810

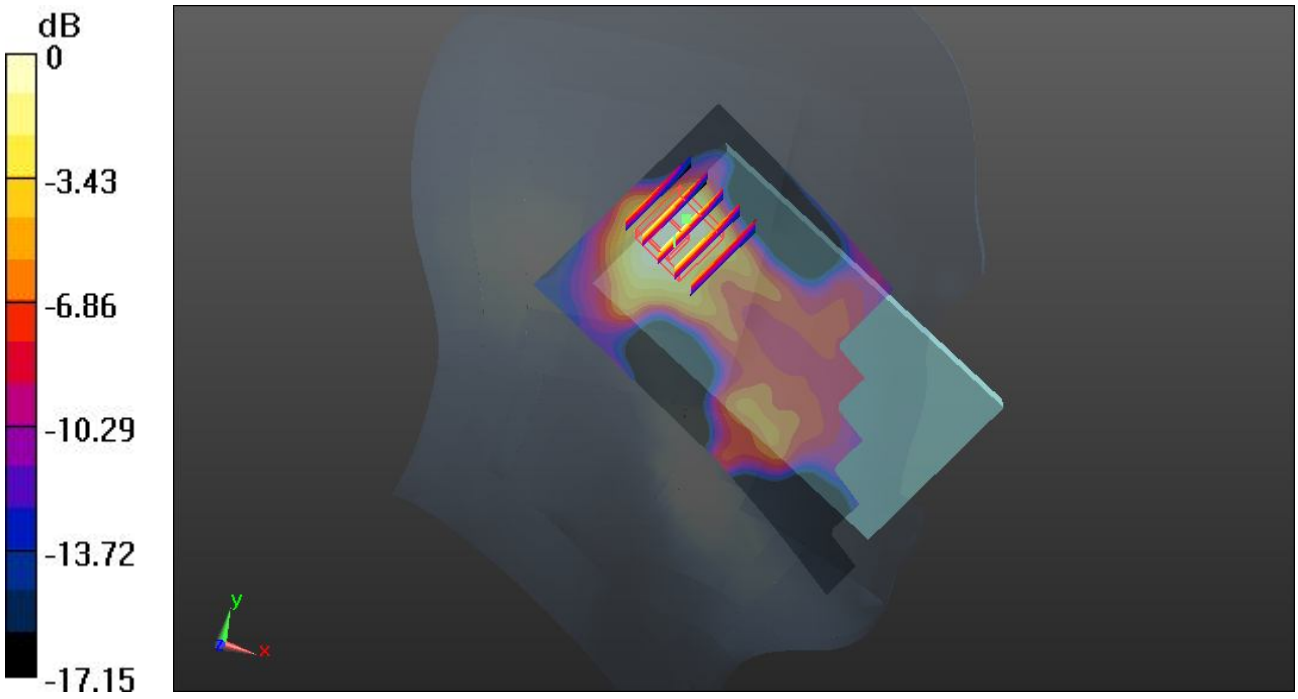
DUT: 342511

Communication System: Generic GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_130523 Medium parameters used: f = 1910 MHz; σ = 1.425 mho/m; ε_r = 40.491; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.212 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.916 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.224 mW/g
SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.074 mW/g
Maximum value of SAR (measured) = 0.187 W/kg



0 dB = 0.187 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 23.05.2013

05 WCDMA Band V_RMC 12.2K_Right Cheek_Ch4182

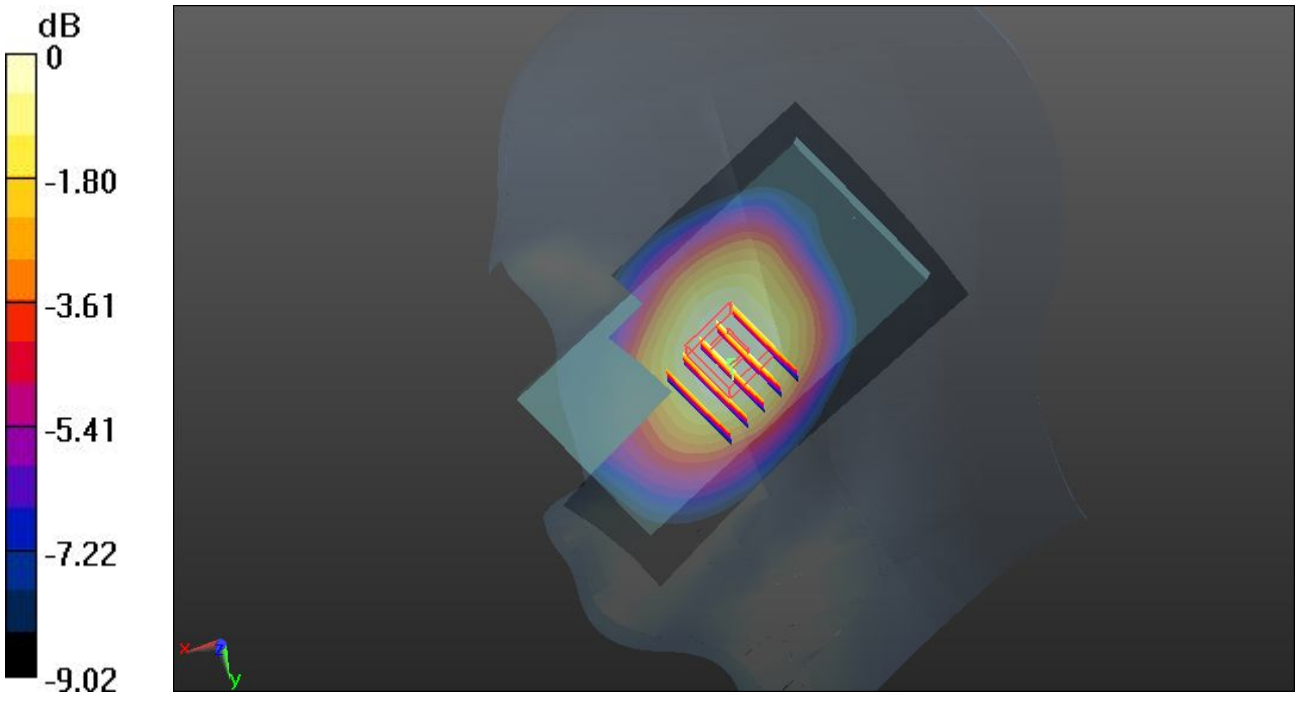
DUT: 342511

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_130523 Medium parameters used: f = 836.4 MHz; σ = 0.932 mho/m; ε_r = 42.753; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.631 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.349 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.679 mW/g
SAR(1 g) = 0.554 mW/g; SAR(10 g) = 0.424 mW/g
Maximum value of SAR (measured) = 0.621 W/kg



0 dB = 0.621 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 23.05.2013

06 WCDMA Band V_RMC 12.2K_Right Tilted_Ch4182

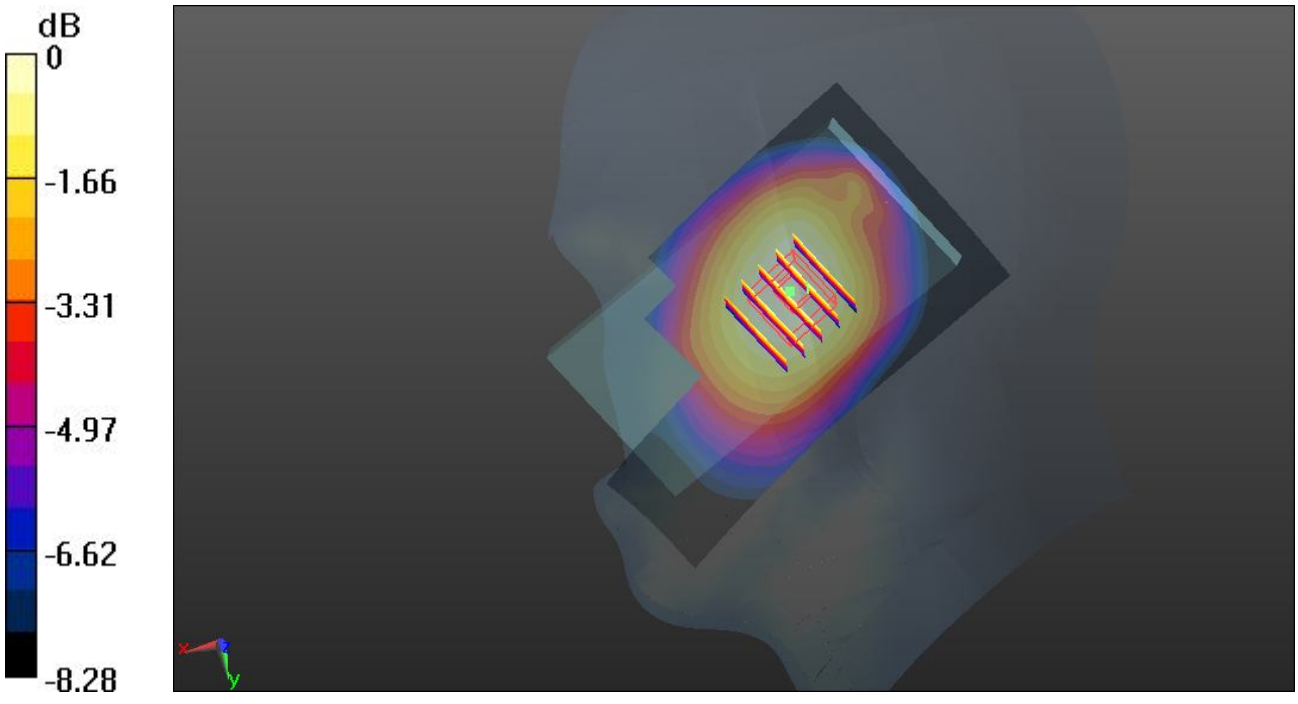
DUT: 342511

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_130523 Medium parameters used: f = 836.4 MHz; σ = 0.932 mho/m; ε_r = 42.753; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.337 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.259 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.365 mW/g
SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.233 mW/g
Maximum value of SAR (measured) = 0.336 W/kg



0 dB = 0.336 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 23.05.2013

07 WCDMA Band V_RMC 12.2K_Left Cheek_Ch4182

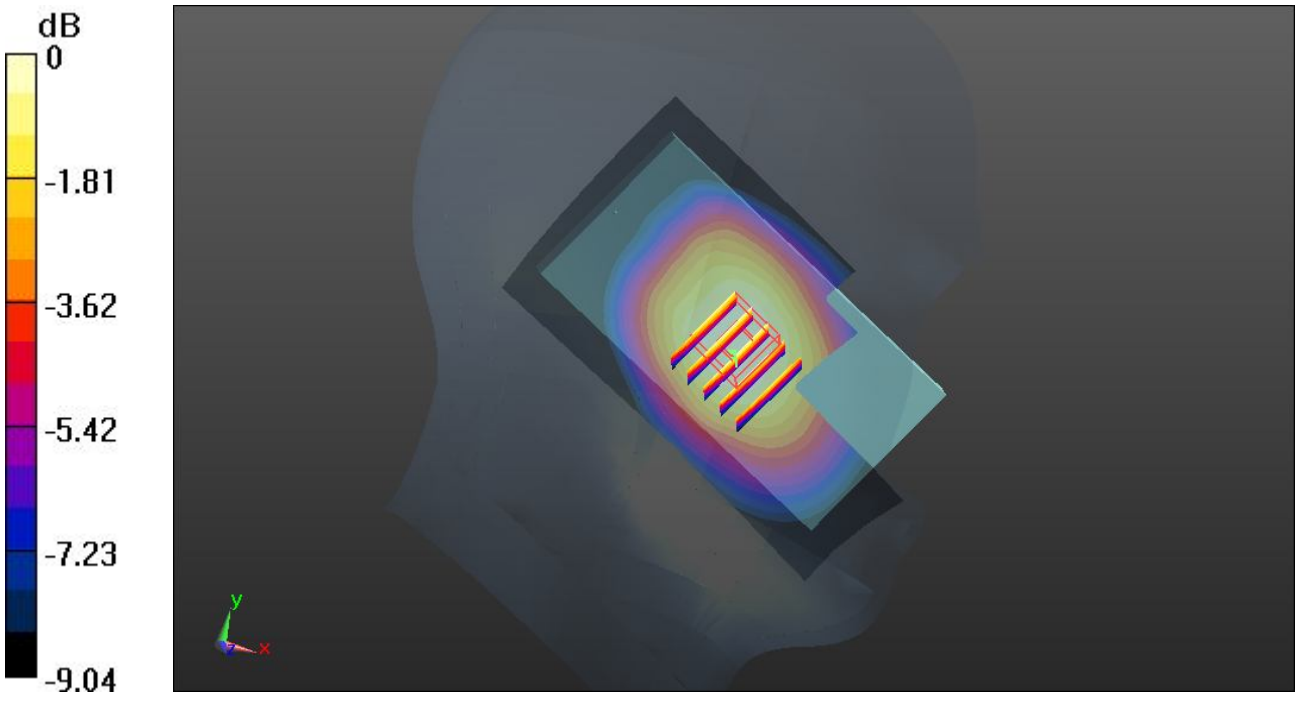
DUT: 342511

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_130523 Medium parameters used: f = 836.4 MHz; σ = 0.932 mho/m; ε_r = 42.753; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.600 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.712 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.650 mW/g
SAR(1 g) = 0.525 mW/g; SAR(10 g) = 0.401 mW/g
Maximum value of SAR (measured) = 0.597 W/kg



0 dB = 0.597 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 23.05.2013

08 WCDMA Band V_RMC 12.2K_Left Tilted_Ch4182

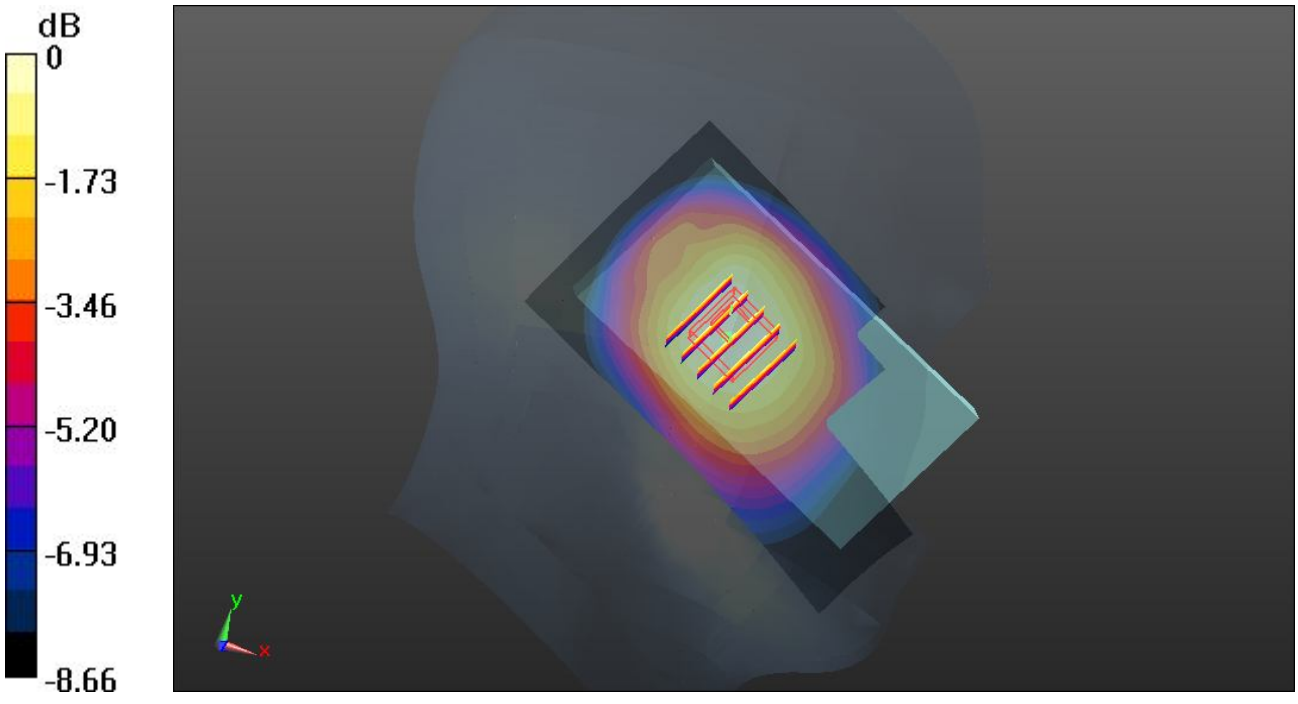
DUT: 342511

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_130523 Medium parameters used: f = 836.4 MHz; σ = 0.932 mho/m; ε_r = 42.753; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.336 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.336 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.383 mW/g
SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.238 mW/g
Maximum value of SAR (measured) = 0.349 W/kg



0 dB = 0.349 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 23.05.2013

01 WCDMA Band II_RMC 12.2K_Right Cheek_Ch9400

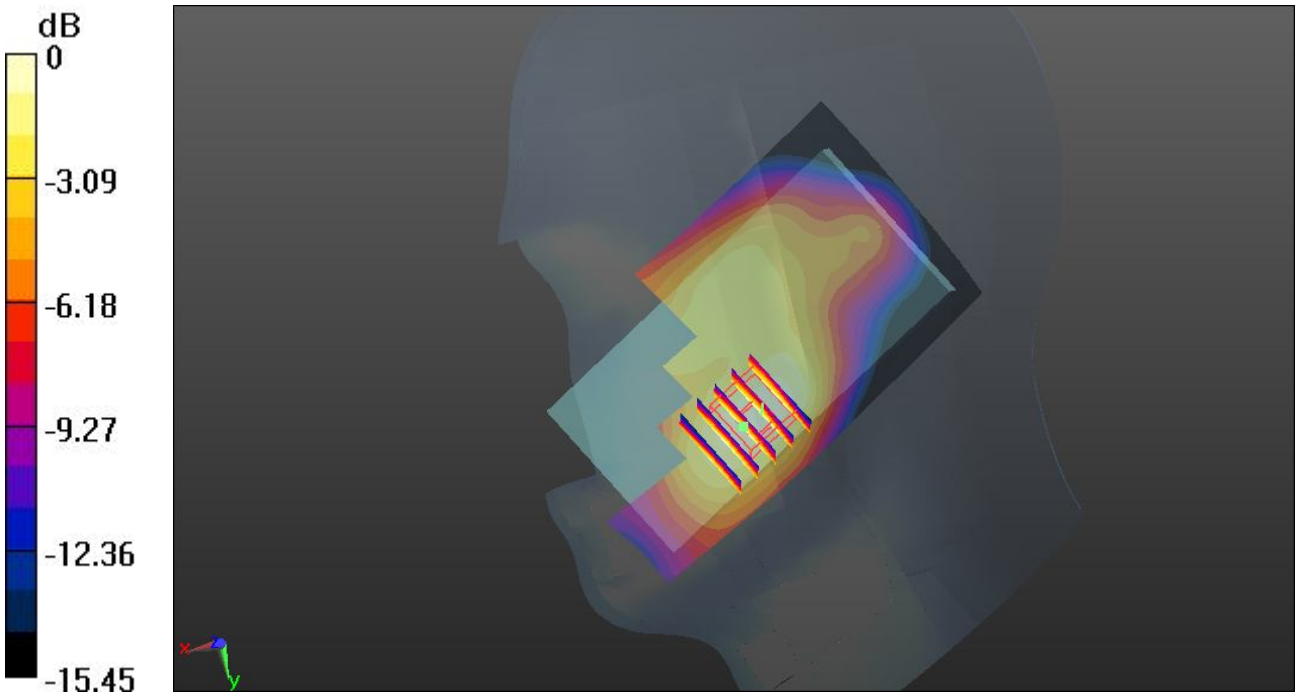
DUT: 342511

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130523 Medium parameters used: f = 1880 MHz; σ = 1.397 mho/m; ε_r = 40.608; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.391 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.751 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.502 mW/g
SAR(1 g) = 0.336 mW/g; SAR(10 g) = 0.210 mW/g
Maximum value of SAR (measured) = 0.429 W/kg



0 dB = 0.429 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 23.05.2013

02 WCDMA Band II_RMC 12.2K_Right Tilted_Ch9400

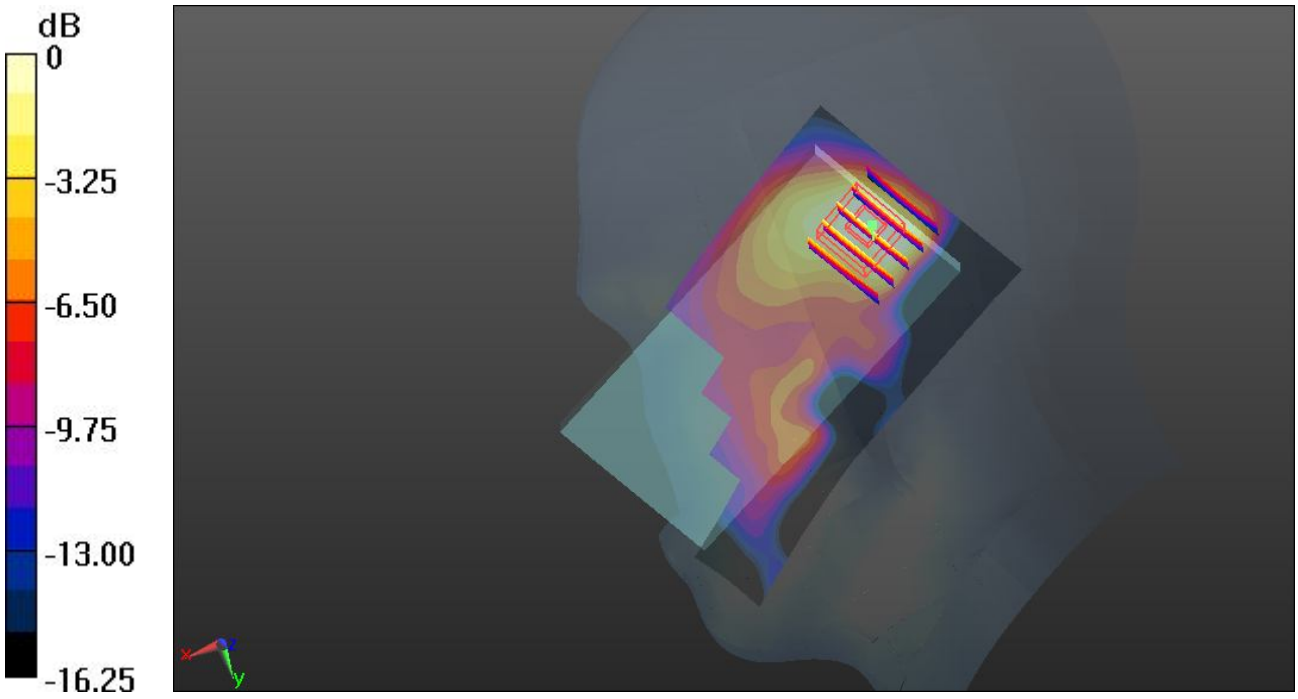
DUT: 342511

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130523 Medium parameters used: f = 1880 MHz; σ = 1.397 mho/m; ε_r = 40.608; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.299 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.668 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.339 mW/g
SAR(1 g) = 0.215 mW/g; SAR(10 g) = 0.124 mW/g
Maximum value of SAR (measured) = 0.285 W/kg



0 dB = 0.285 W/kg

03 WCDMA Band II_RMC 12.2K_Left Cheek_Ch9400

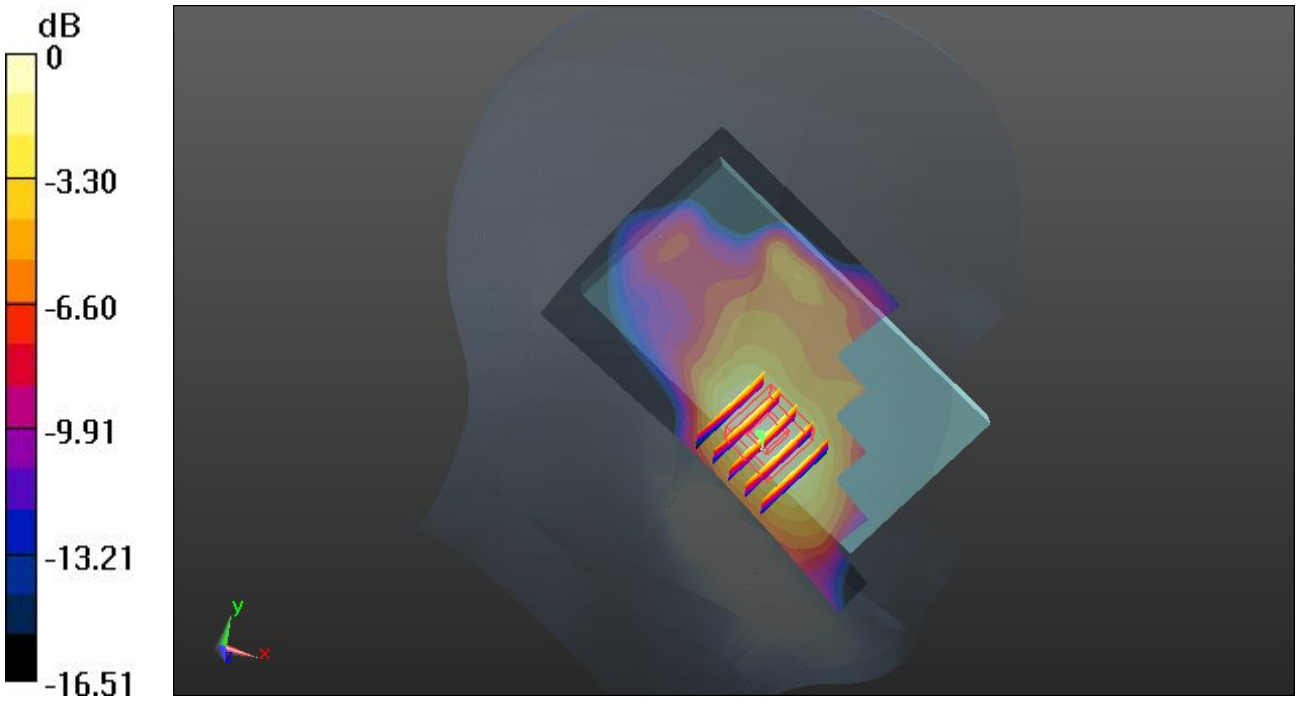
DUT: 342511

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130523 Medium parameters used: f = 1880 MHz; σ = 1.397 mho/m; ε_r = 40.608; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.586 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.558 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.731 mW/g
SAR(1 g) = 0.476 mW/g; SAR(10 g) = 0.286 mW/g
Maximum value of SAR (measured) = 0.619 W/kg



0 dB = 0.619 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 23.05.2013

04 WCDMA Band II_RMC 12.2K_Left Tilted_Ch9400

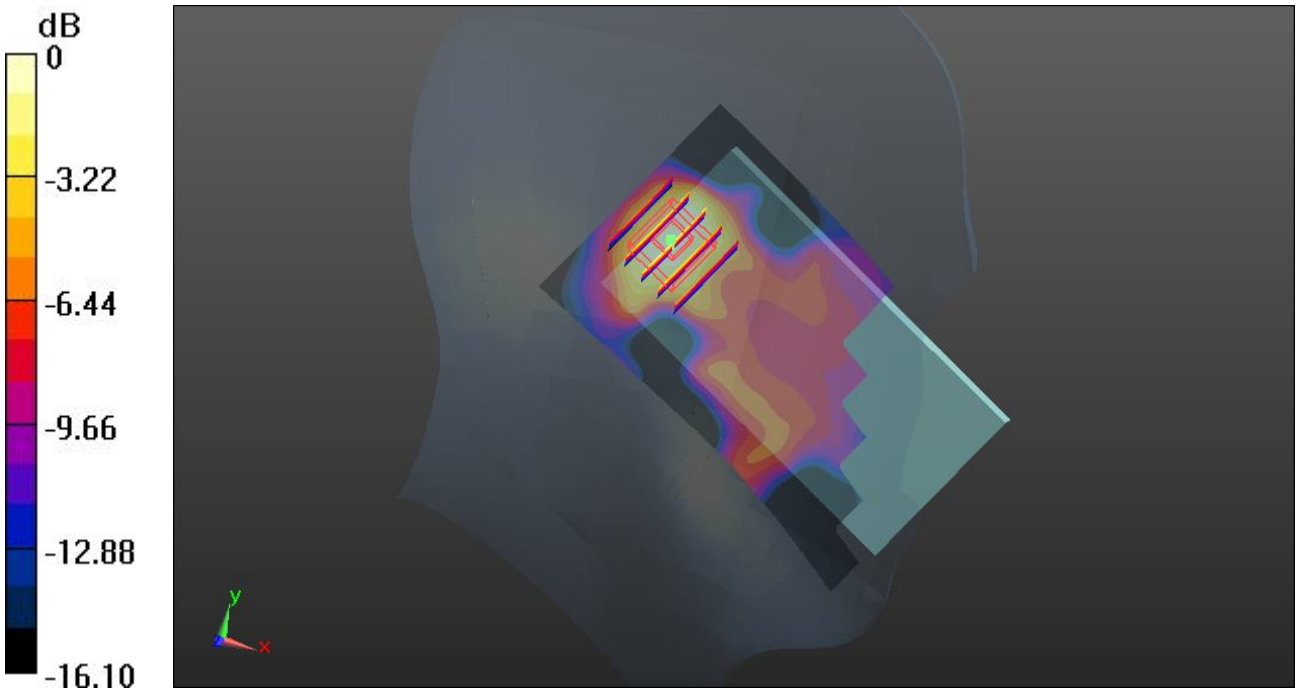
DUT: 342511

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130523 Medium parameters used: f = 1880 MHz; σ = 1.397 mho/m; ε_r = 40.608; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.286 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.703 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.338 mW/g
SAR(1 g) = 0.212 mW/g; SAR(10 g) = 0.117 mW/g
Maximum value of SAR (measured) = 0.284 W/kg



0 dB = 0.284 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 16.06.2013

65 WLAN2.4GHz_802.11b_Right Cheek_Ch6

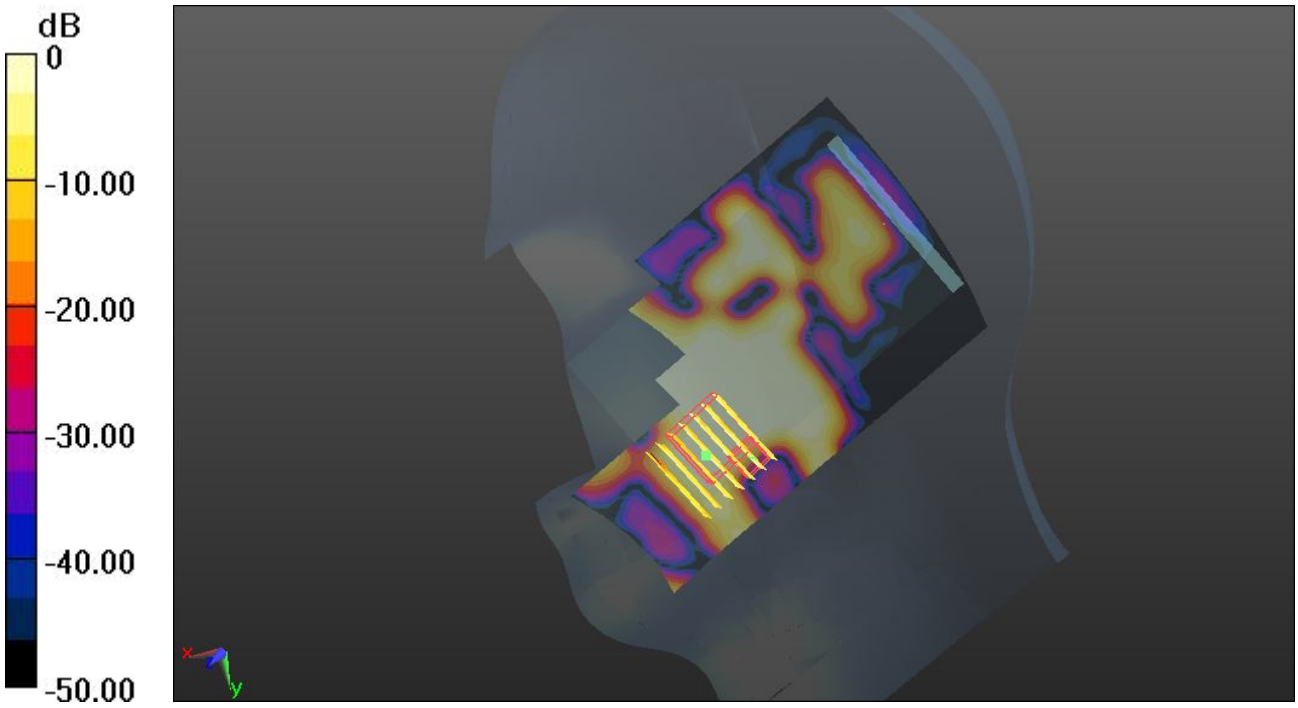
DUT: 342511

Communication System: WIFI; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130616 Medium parameters used: f = 2437 MHz; σ = 1.842 mho/m; ε_r = 37.736; ρ = 1000 kg/m^3
Ambient Temperature：23.9 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0543 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.820 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.084 mW/g
SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00299 mW/g
Maximum value of SAR (measured) = 0.0317 W/kg



0 dB = 0.0317 W/kg

66 WLAN2.4802.11b_Right Tilted_Ch6

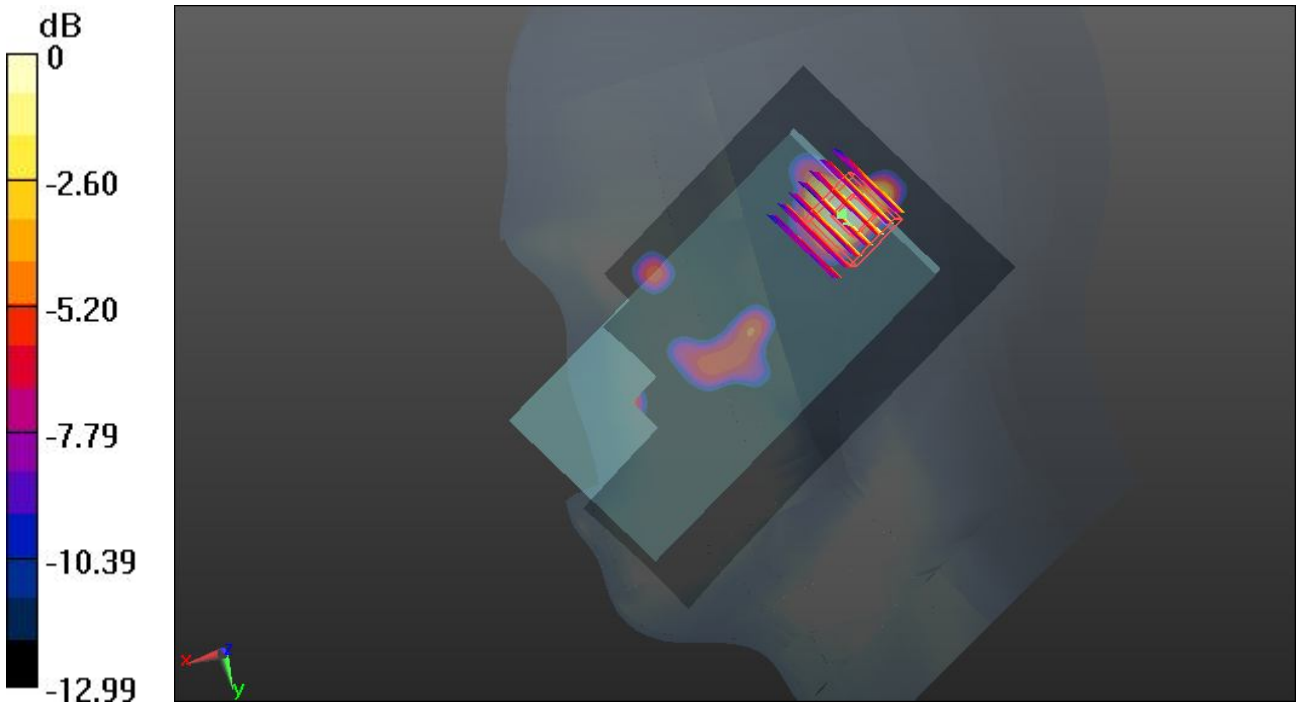
DUT: 342511

Communication System: WIFI; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130616 Medium parameters used: f = 2437 MHz; σ = 1.842 mho/m; ε_r = 37.736; ρ = 1000 kg/m^3
Ambient Temperature：23.9 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0205 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.825 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.026 mW/g
SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00821 mW/g
Maximum value of SAR (measured) = 0.0200 W/kg



0 dB = 0.0200 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 16.06.2013

67 WLAN2.4GHz_802.11b_Left Cheek_Ch6

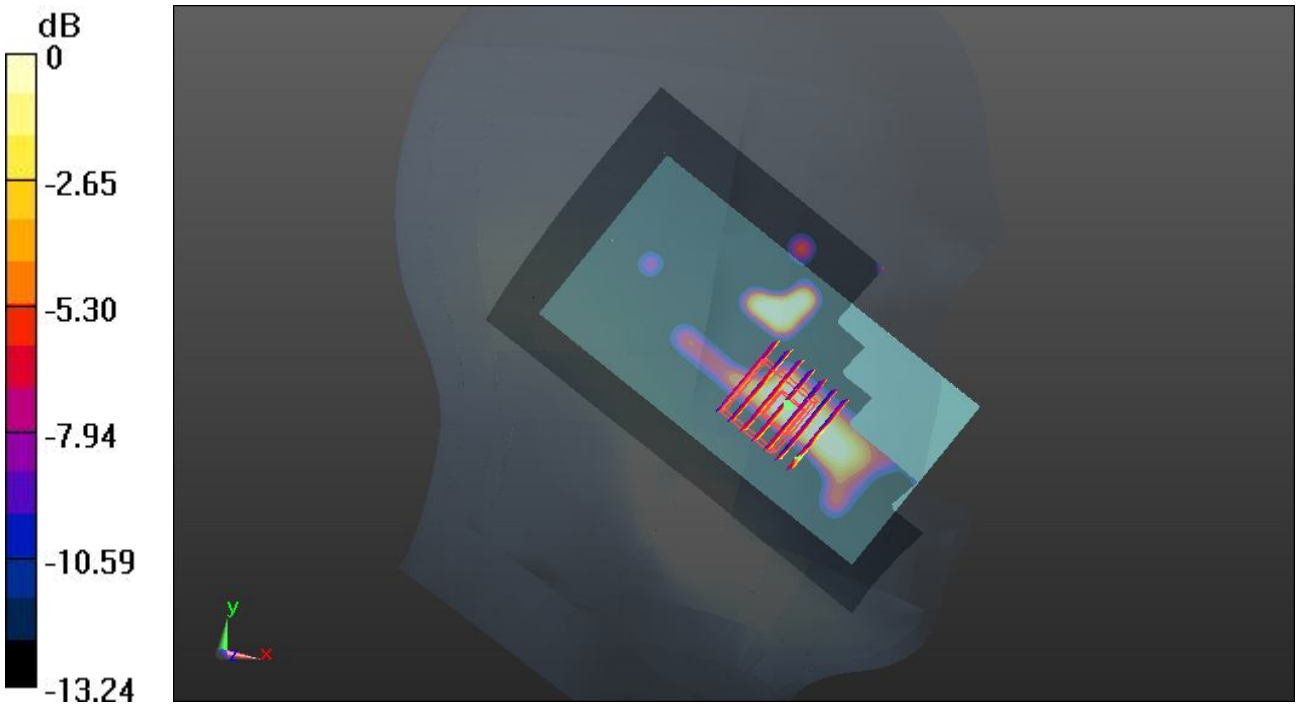
DUT: 342511

Communication System: WIFI; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130616 Medium parameters used: f = 2437 MHz; σ = 1.842 mho/m; ε_r = 37.736; ρ = 1000 kg/m^3
Ambient Temperature：23.9 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0520 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.009 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.028 mW/g
SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.0087 mW/g
Maximum value of SAR (measured) = 0.0249 W/kg



0 dB = 0.0249 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 16.06.2013

68 WLAN2.4GHz_802.11b_Left Tilted_Ch6

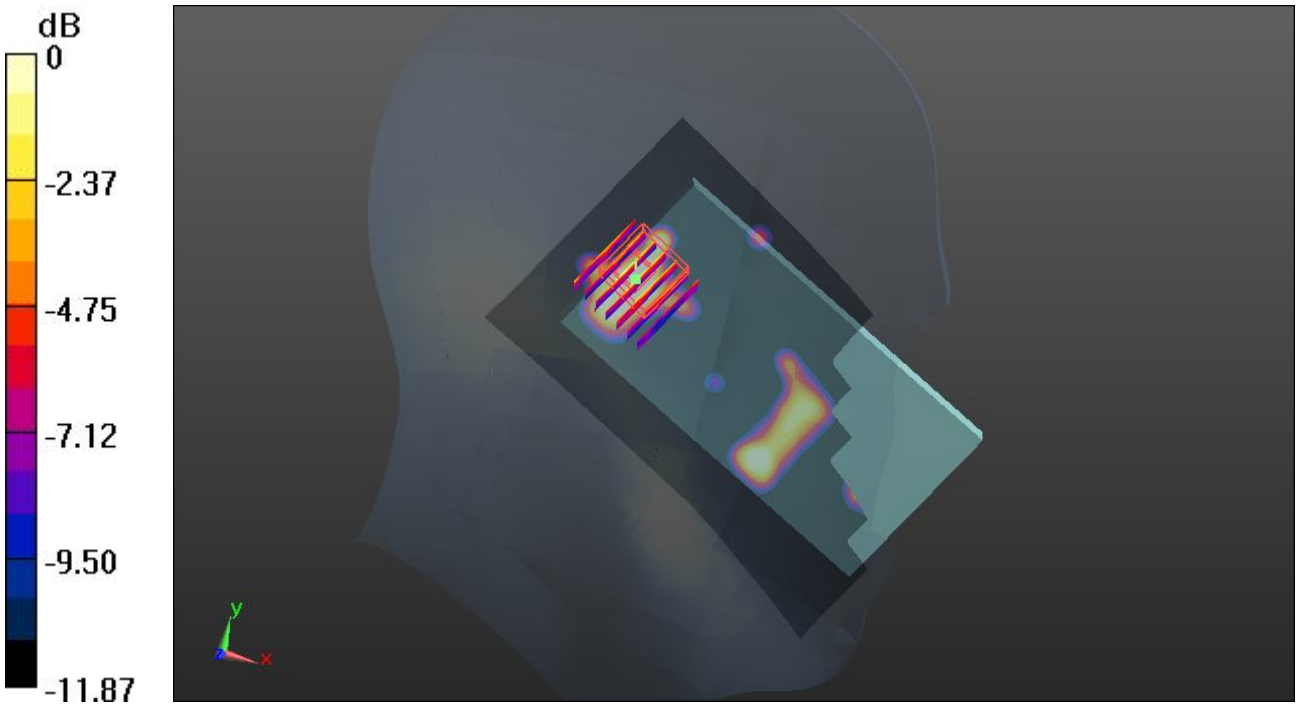
DUT: 342511

Communication System: WIFI; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130616 Medium parameters used: f = 2437 MHz; σ = 1.842 mho/m; ε_r = 37.736; ρ = 1000 kg/m^3
Ambient Temperature：23.9 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0331 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.792 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.024 mW/g
SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00666 mW/g
Maximum value of SAR (measured) = 0.0177 W/kg



0 dB = 0.0177 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 15.06.2013

51 GSM850_GPRS(4 Tx slots)_Front_1cm_Ch128

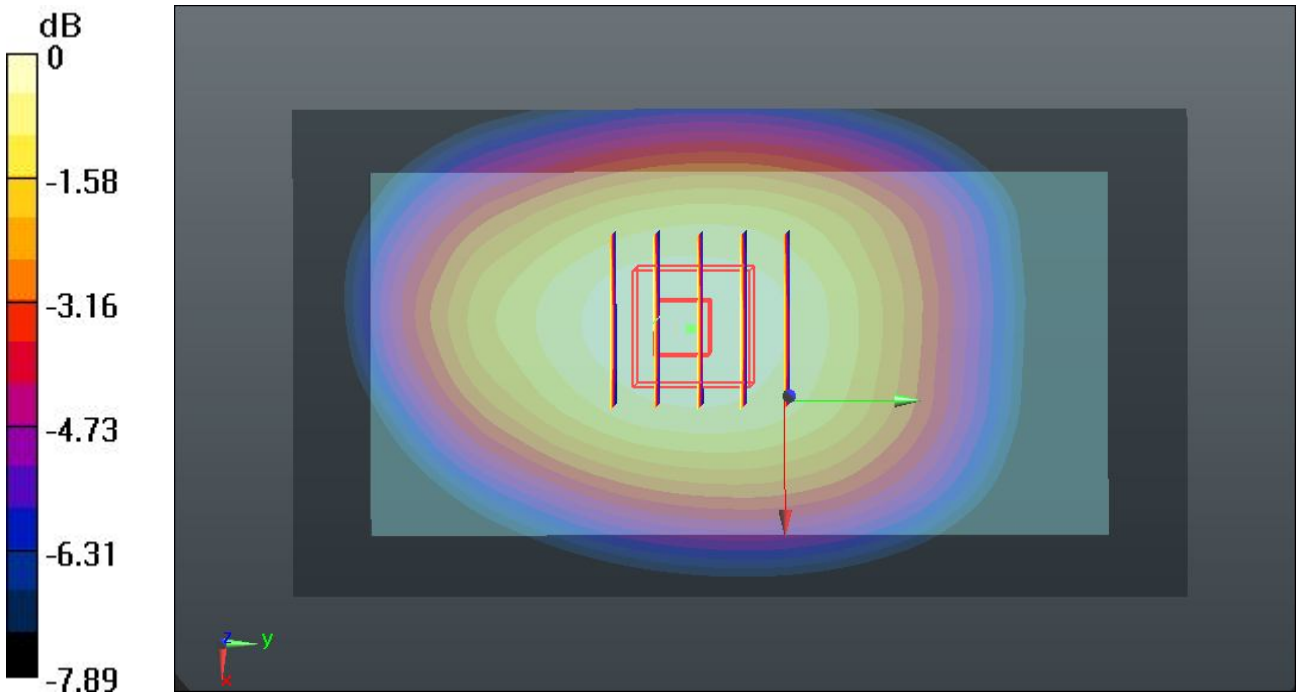
DUT: 342511

Communication System: GPRS/EDGE12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_835_130615 Medium parameters used: f = 824.2 MHz; σ = 0.966 mho/m; ε_r = 54.448; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.732 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.238 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.797 mW/g
SAR(1 g) = 0.646 mW/g; SAR(10 g) = 0.495 mW/g
Maximum value of SAR (measured) = 0.732 W/kg



0 dB = 0.732 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 15.06.2013

52 GSM850_GPRS(4 Tx slots)_Back_1cm_Ch128

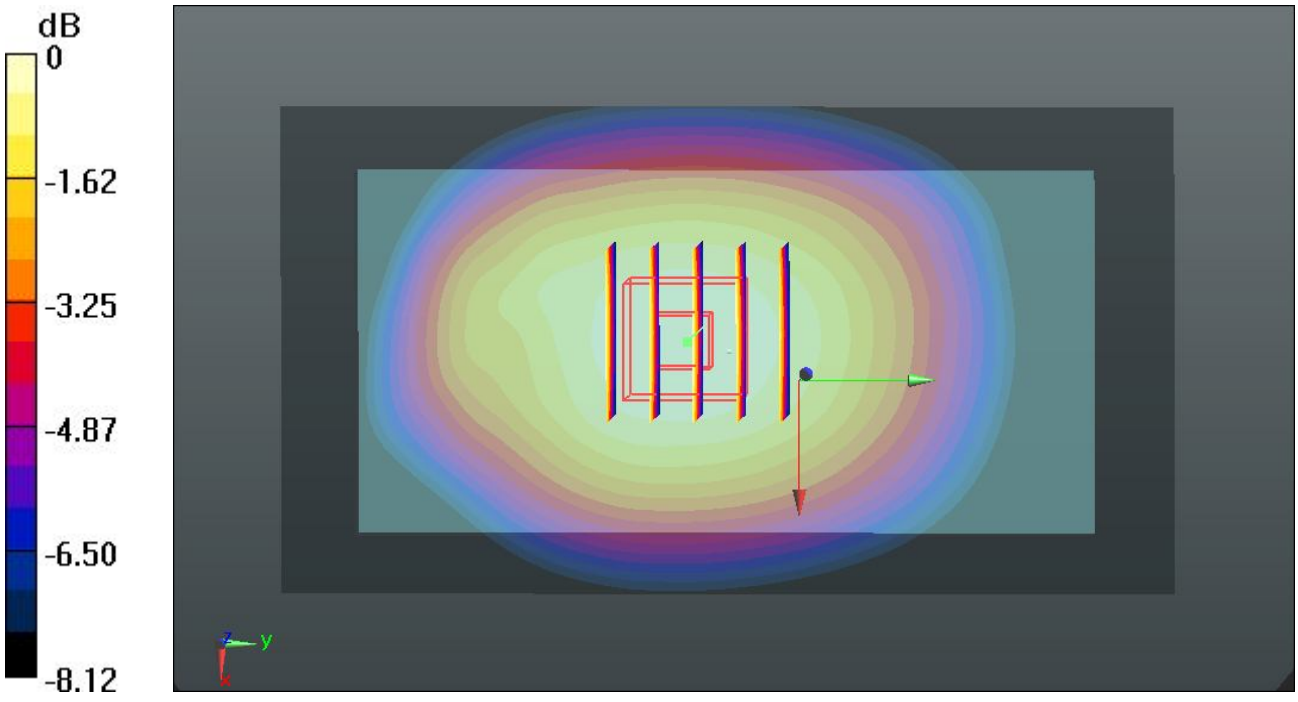
DUT: 342511

Communication System: GPRS/EDGE12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_835_130615 Medium parameters used: f = 824.2 MHz; σ = 0.966 mho/m; ε_r = 54.448; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.16 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.461 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.274 mW/g
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.771 mW/g
Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.16 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 15.06.2013

53 GSM850_GPRS(4 Tx slots)_Left Side_1cm_Ch128

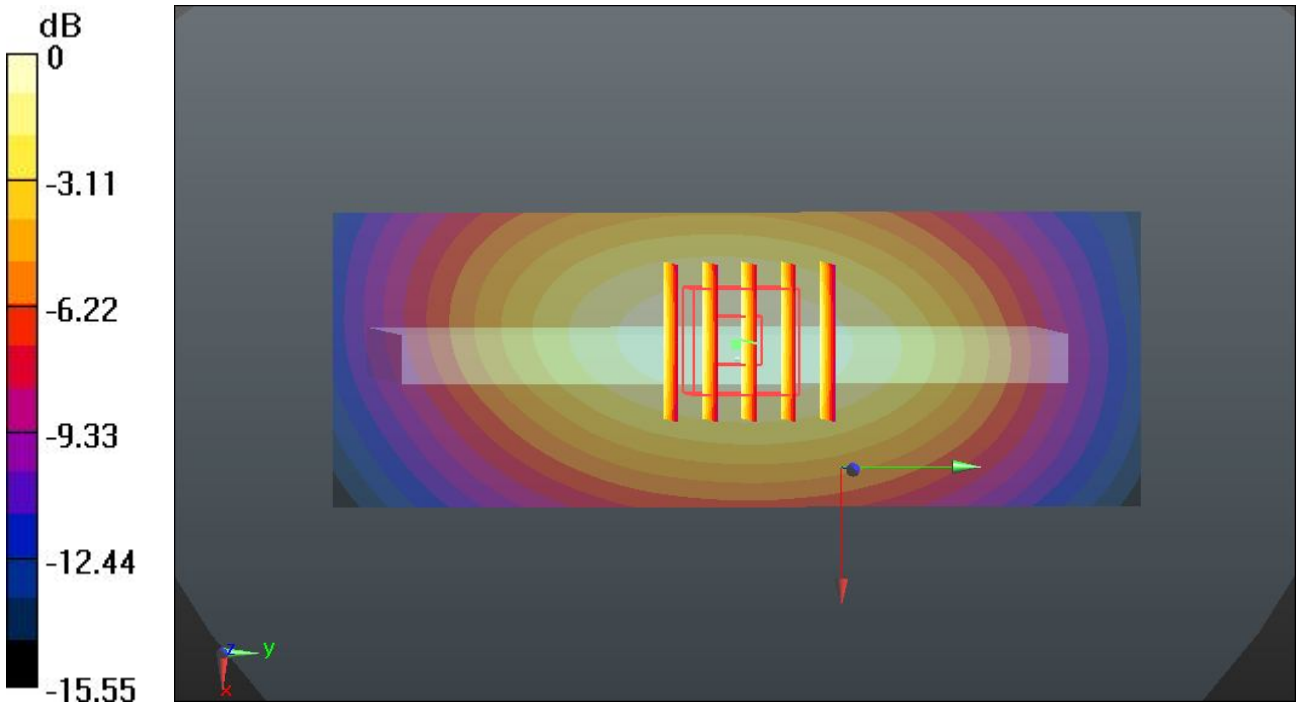
DUT: 342511

Communication System: GPRS/EDGE12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_835_130615 Medium parameters used: f = 824.2 MHz; σ = 0.966 mho/m; ε_r = 54.448; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.745 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.454 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.855 mW/g
SAR(1 g) = 0.619 mW/g; SAR(10 g) = 0.434 mW/g
Maximum value of SAR (measured) = 0.750 W/kg



0 dB = 0.750 W/kg

54 GSM850_GPRS(4 Tx slots)_Right Side_1cm_Ch128

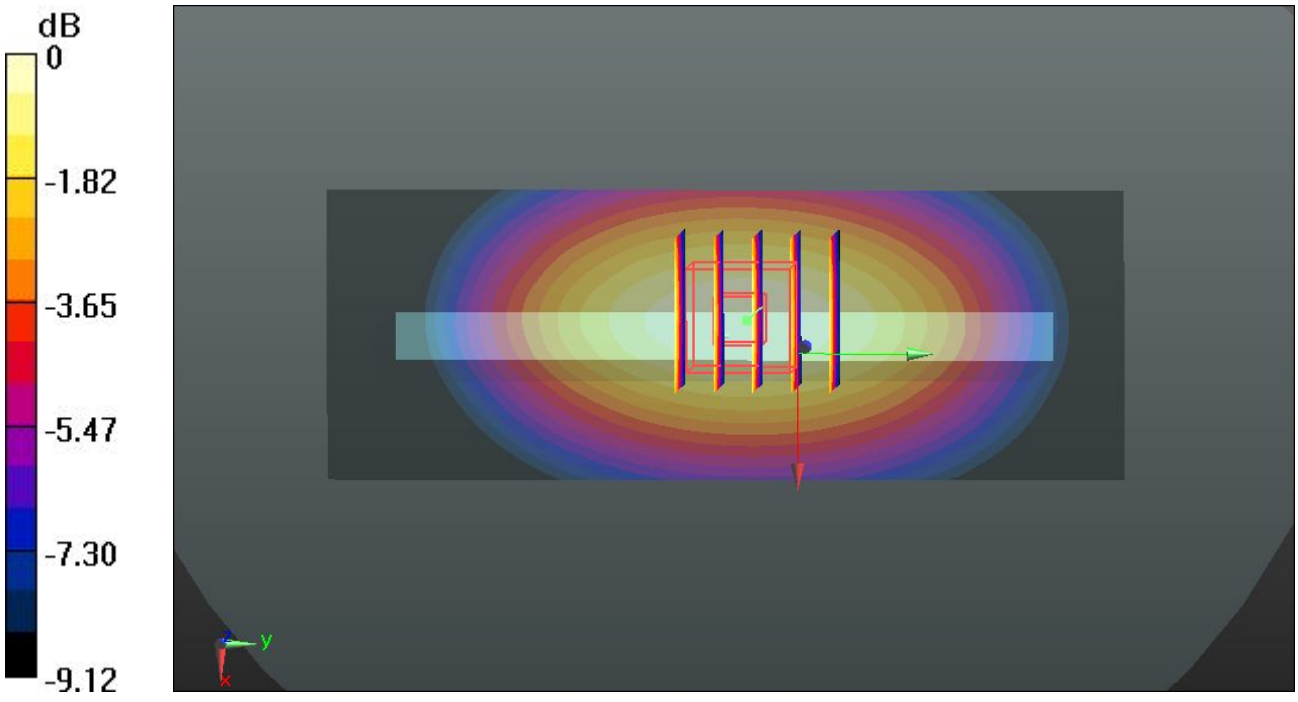
DUT: 342511

Communication System: GPRS/EDGE12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_835_130615 Medium parameters used: f = 824.2 MHz; σ = 0.966 mho/m; ε_r = 54.448; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.843 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.003 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.953 mW/g
SAR(1 g) = 0.691 mW/g; SAR(10 g) = 0.487 mW/g
Maximum value of SAR (measured) = 0.836 W/kg



0 dB = 0.836 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 15.06.2013

55 GSM850_GPRS(4 Tx slots)_Bottom Side_1cm_Ch128

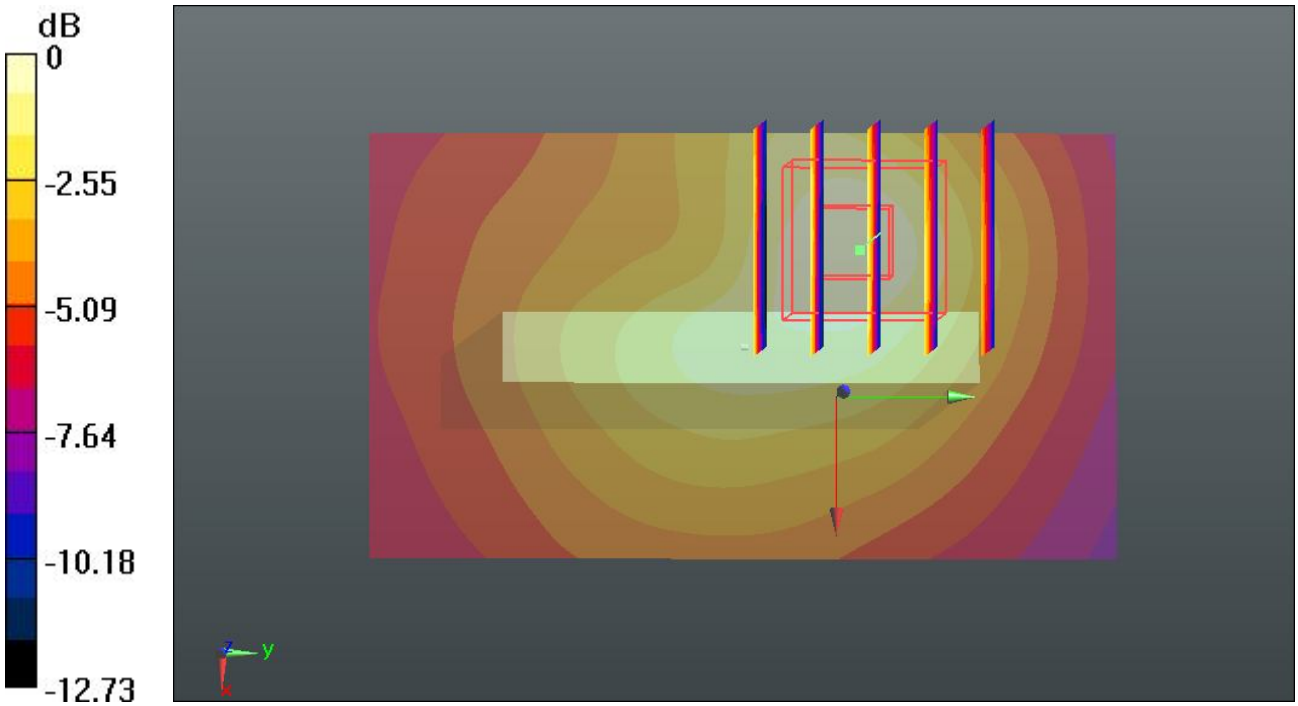
DUT: 342511

Communication System: GPRS/EDGE12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_835_130615 Medium parameters used: f = 824.2 MHz; σ = 0.966 mho/m; ε_r = 54.448; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0749 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.224 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.097 mW/g
SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.036 mW/g
Maximum value of SAR (measured) = 0.0760 W/kg



0 dB = 0.0760 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 15.06.2013

56 GSM850_GPRS(4 Tx slots)_Back_1cm_Ch189

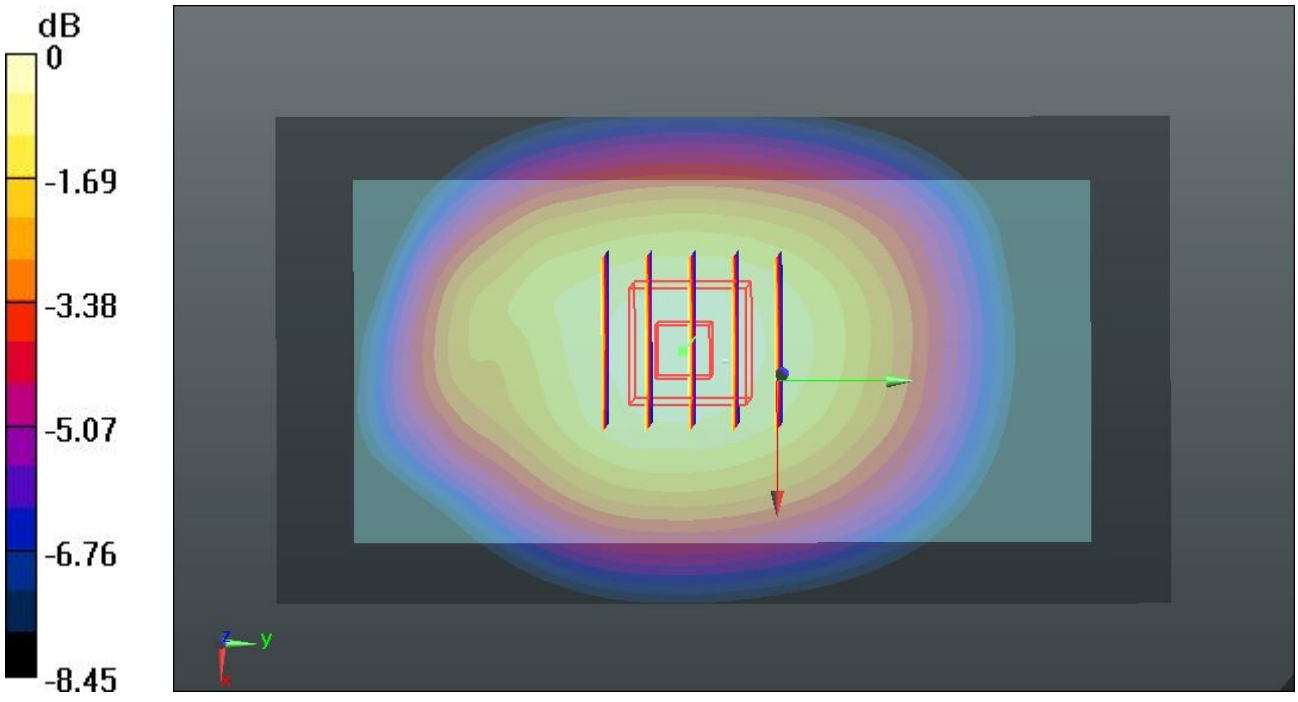
DUT: 342511

Communication System: GPRS/EDGE12; Frequency: 836.4 MHz;Duty Cycle: 1:2
Medium: MSL_835_130615 Medium parameters used: f = 836.4 MHz; σ = 0.978 mho/m; ε_r = 54.357; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch189/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.16 W/kg

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.378 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.312 mW/g
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.790 mW/g
Maximum value of SAR (measured) = 1.20 W/kg



0 dB = 1.20 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 15.06.2013

64 GSM850_GPRS(4 Tx slots)_Back_1cm_Ch189_Repeat SAR

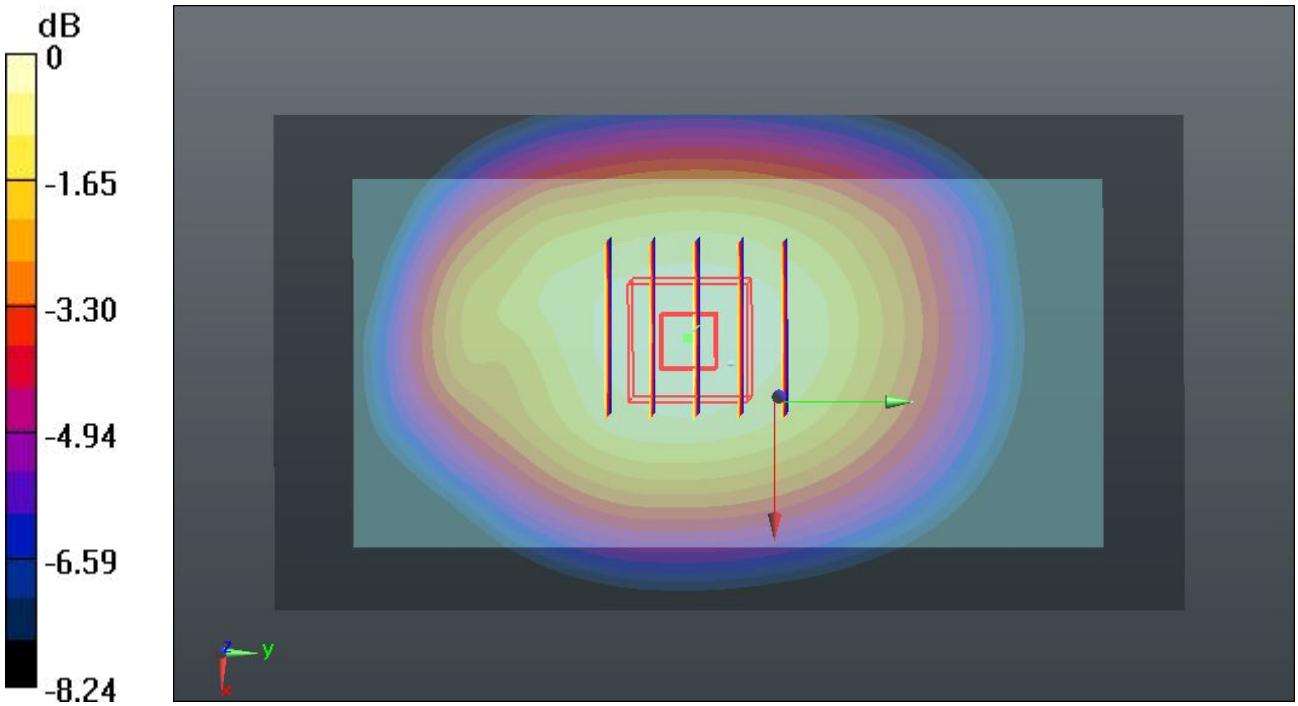
DUT: 342511

Communication System: GPRS/EDGE12; Frequency: 836.4 MHz;Duty Cycle: 1:2
Medium: MSL_835_130615 Medium parameters used: f = 836.4 MHz; σ = 0.978 mho/m; ε_r = 54.357; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch189/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.18 W/kg

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.824 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.307 mW/g
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.783 mW/g
Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19 W/kg

57 GSM850_GPRS(4 Tx slots)_Back_1cm_Ch251

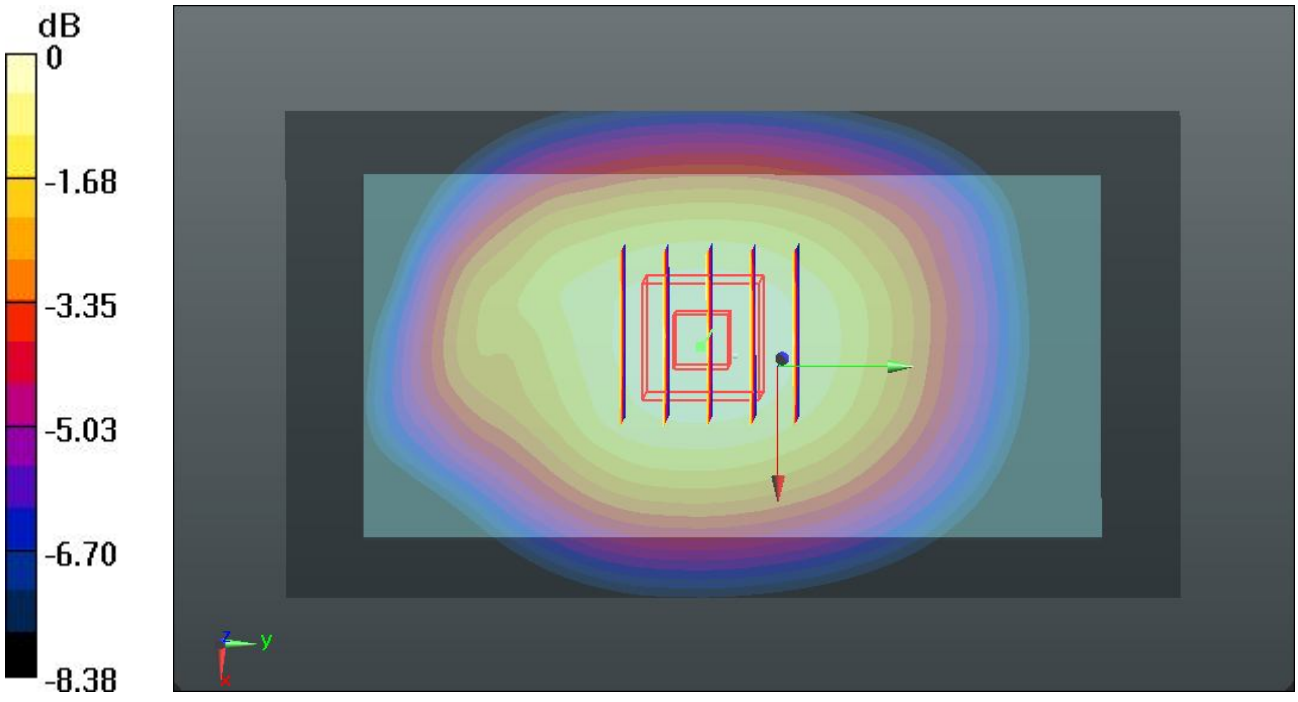
DUT: 342511

Communication System: GPRS/EDGE12; Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_835_130615 Medium parameters used: f = 849 MHz; σ = 0.989 mho/m; ε_r = 54.251; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.16 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.173 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.274 mW/g
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.768 mW/g
Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.16 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 15.06.2013

58 GSM850_GPRS(4 Tx slots)_Right Side_1cm_Ch189

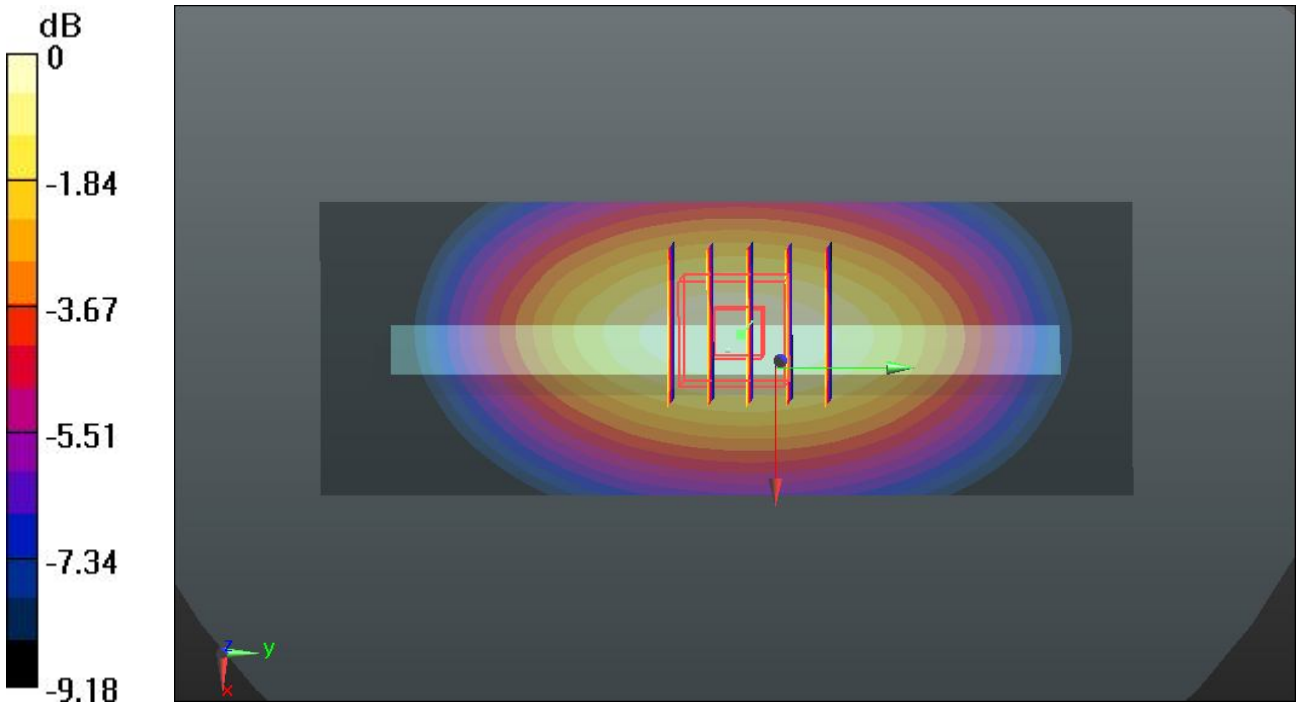
DUT: 342511

Communication System: GPRS/EDGE12; Frequency: 836.4 MHz;Duty Cycle: 1:2
Medium: MSL_835_130615 Medium parameters used: f = 836.4 MHz; σ = 0.978 mho/m; ε_r = 54.357; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch189/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.844 W/kg

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.933 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.958 mW/g
SAR(1 g) = 0.695 mW/g; SAR(10 g) = 0.490 mW/g
Maximum value of SAR (measured) = 0.842 W/kg



0 dB = 0.842 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 15.06.2013

59 GSM850_GPRS(4 Tx slots)_Right Side_1cm_Ch251

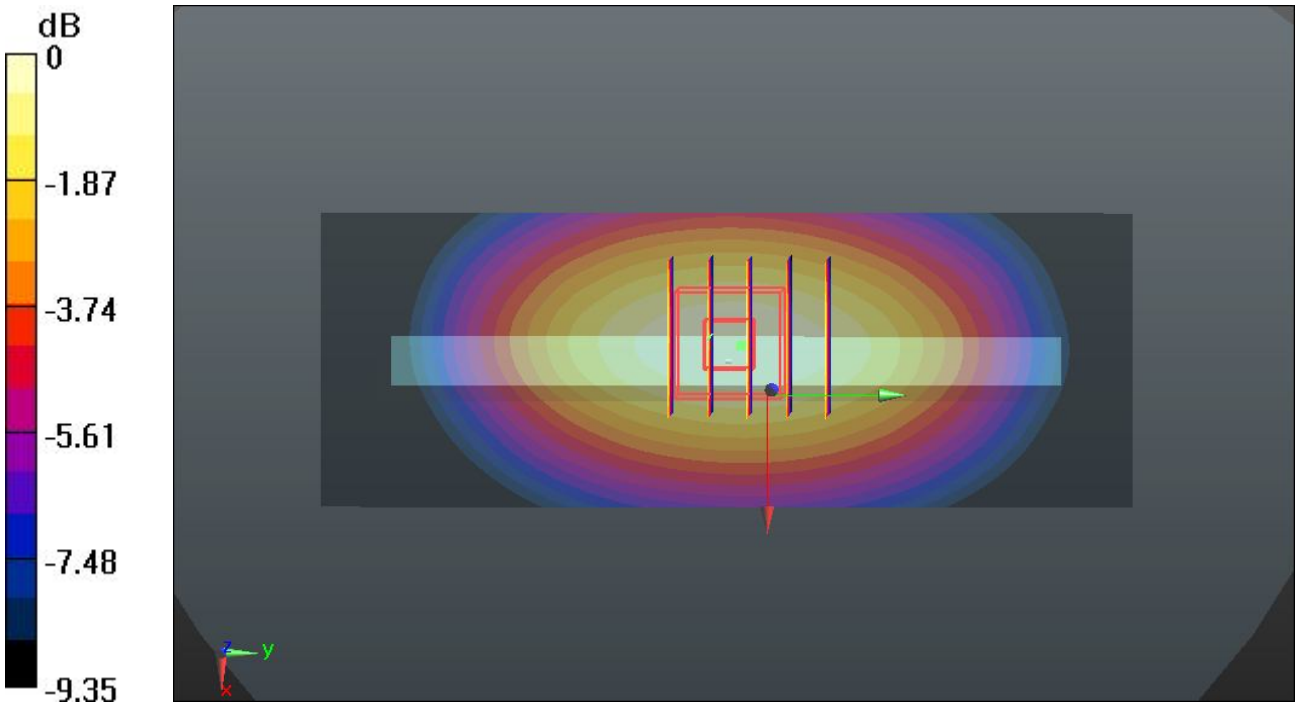
DUT: 342511

Communication System: GPRS/EDGE12; Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_835_130615 Medium parameters used: f = 849 MHz; σ = 0.989 mho/m; ε_r = 54.251; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.846 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.896 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.959 mW/g
SAR(1 g) = 0.694 mW/g; SAR(10 g) = 0.486 mW/g
Maximum value of SAR (measured) = 0.839 W/kg



0 dB = 0.839 W/kg

60 GSM850_GSM Voice_Front_1cm_Ch128

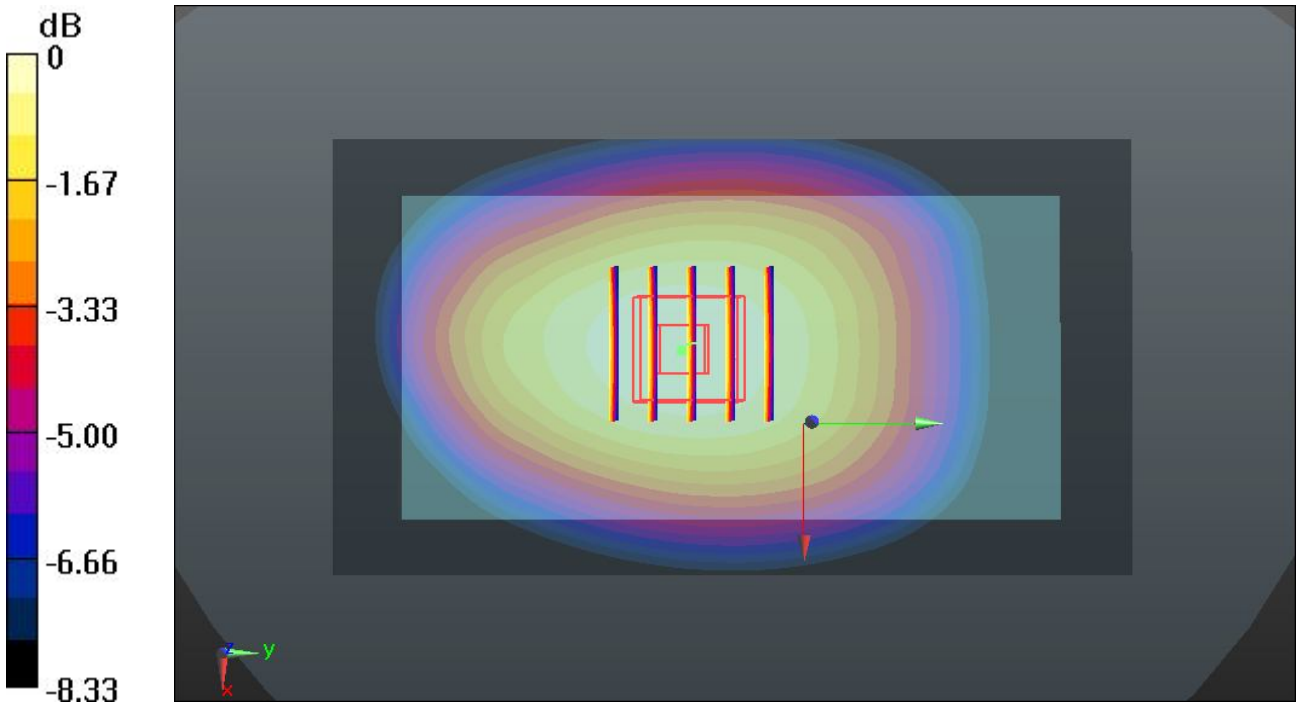
DUT: 342511

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: MSL_835_130615 Medium parameters used: f = 824.2 MHz; σ = 0.966 mho/m; ε_r = 54.448; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.489 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.204 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.538 mW/g
SAR(1 g) = 0.433 mW/g; SAR(10 g) = 0.329 mW/g
Maximum value of SAR (measured) = 0.494 W/kg



0 dB = 0.494 W/kg

61 GSM850_GSM Voice_Back_1cm_Ch128

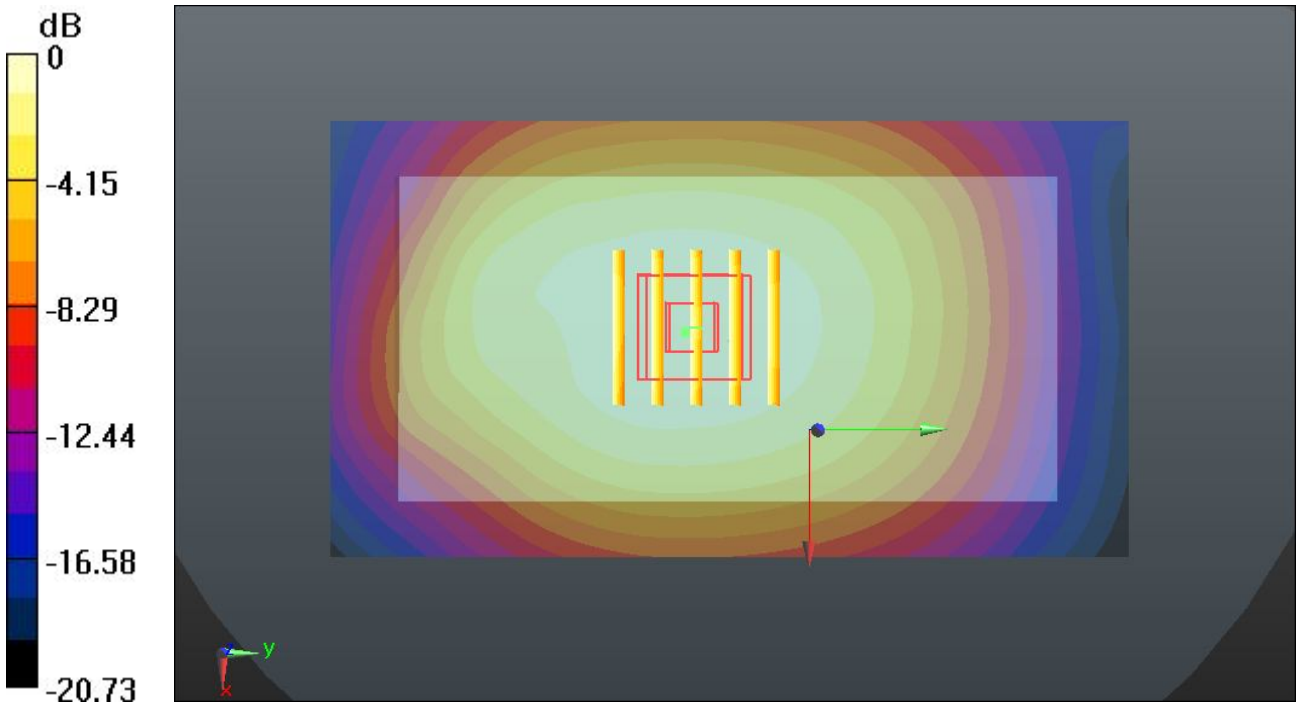
DUT: 342511

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: MSL_835_130615 Medium parameters used: f = 824.2 MHz; σ = 0.966 mho/m; ε_r = 54.448; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.662 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.922 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.733 mW/g
SAR(1 g) = 0.582 mW/g; SAR(10 g) = 0.440 mW/g
Maximum value of SAR (measured) = 0.671 W/kg



0 dB = 0.671 W/kg

62 GSM850_GSM Voice_Back_1cm_Ch189

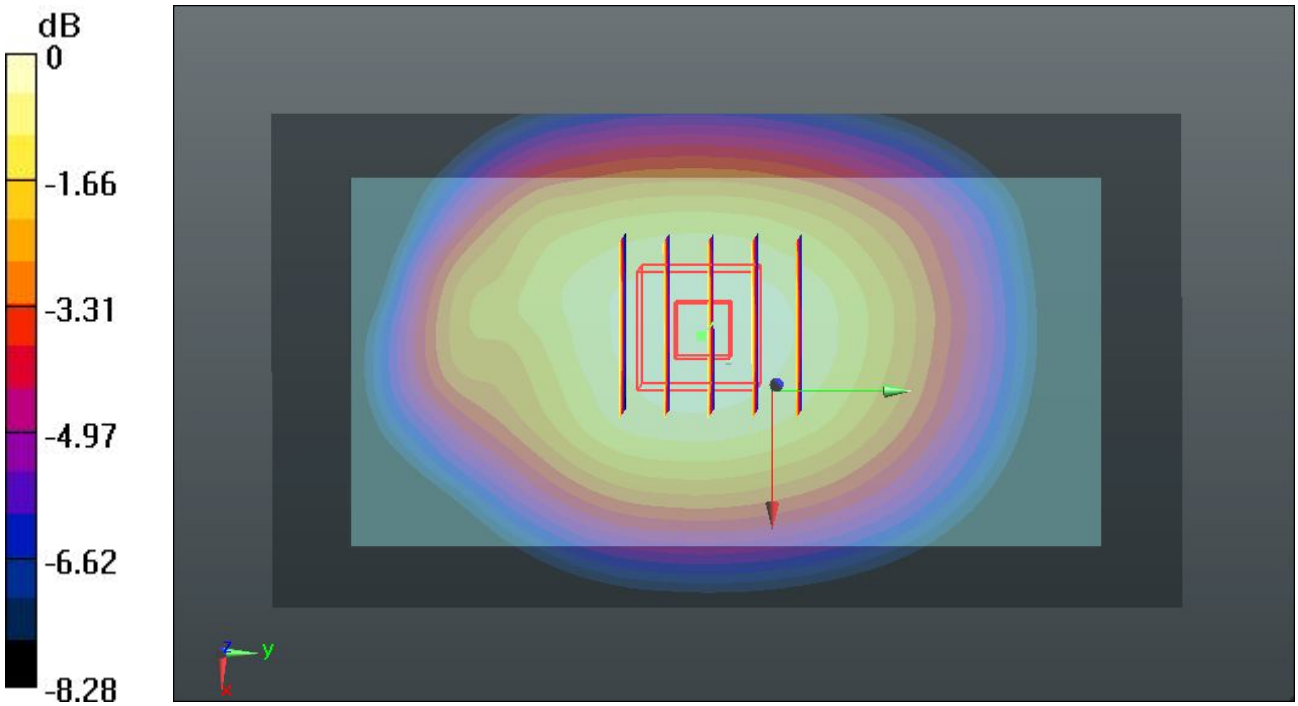
DUT: 342511

Communication System: Generic GSM; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: MSL_835_130615 Medium parameters used: f = 836.4 MHz; σ = 0.978 mho/m; ε_r = 54.357; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch189/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.720 W/kg

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.099 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.804 mW/g
SAR(1 g) = 0.639 mW/g; SAR(10 g) = 0.484 mW/g
Maximum value of SAR (measured) = 0.736 W/kg



0 dB = 0.736 W/kg

63 GSM850_GSM Voice_Back_1cm_Ch251

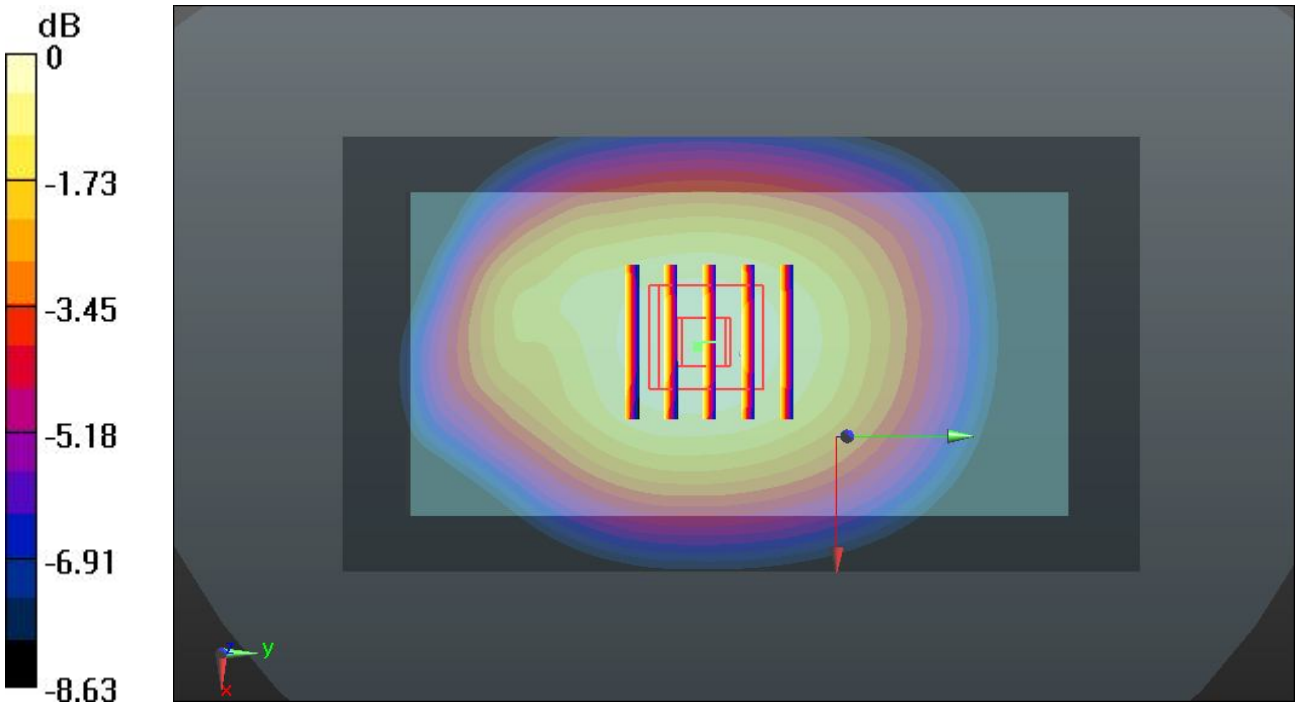
DUT: 342511

Communication System: Generic GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: MSL_835_130615 Medium parameters used: f = 849 MHz; σ = 0.989 mho/m; ε_r = 54.251; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.681 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.988 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.756 mW/g
SAR(1 g) = 0.600 mW/g; SAR(10 g) = 0.454 mW/g
Maximum value of SAR (measured) = 0.690 W/kg



0 dB = 0.690 W/kg

13 GSM1900_GPRS(4 Tx slots)_Front_1cm_Ch810

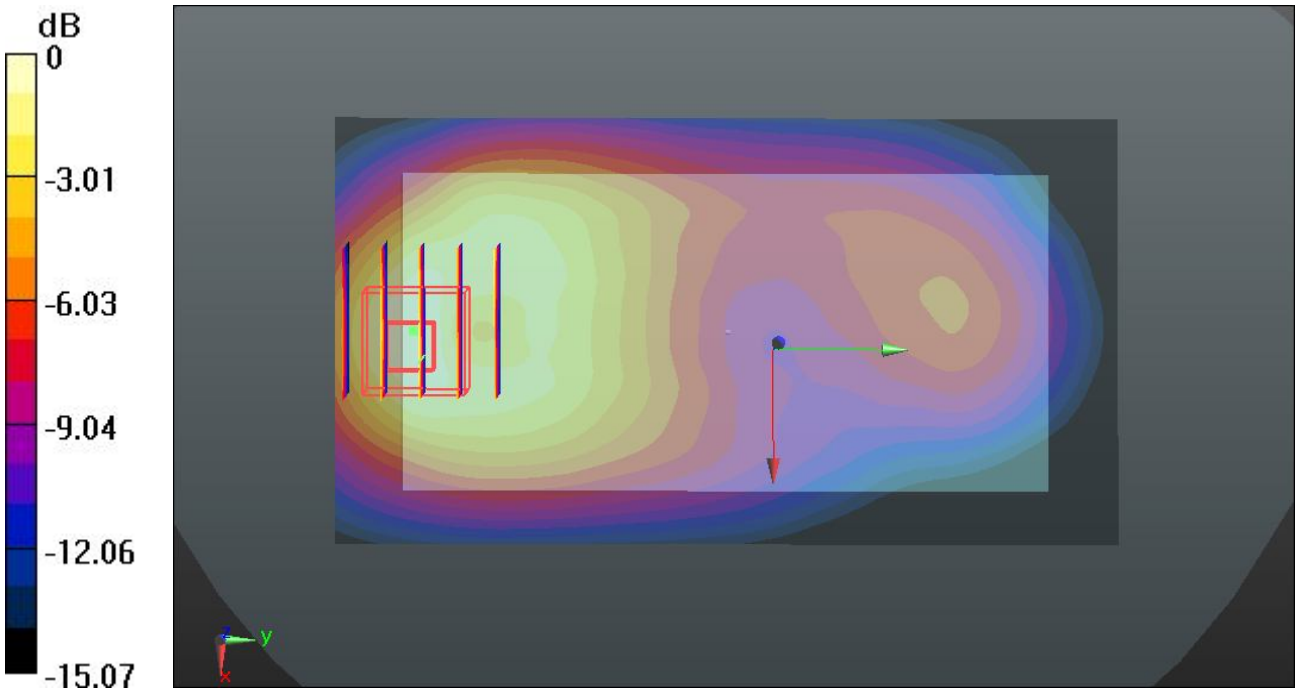
DUT: 342511

Communication System: GPRS/EDGE12; Frequency: 1909.8 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130525 Medium parameters used: f = 1910 MHz; σ = 1.544 mho/m; ε_r = 54.546; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.43 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.844 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.632 mW/g
SAR(1 g) = 0.984 mW/g; SAR(10 g) = 0.551 mW/g
Maximum value of SAR (measured) = 1.33 W/kg



0 dB = 1.33 W/kg

14 GSM1900_GPRS(4 Tx slots)_Back_1cm_Ch810

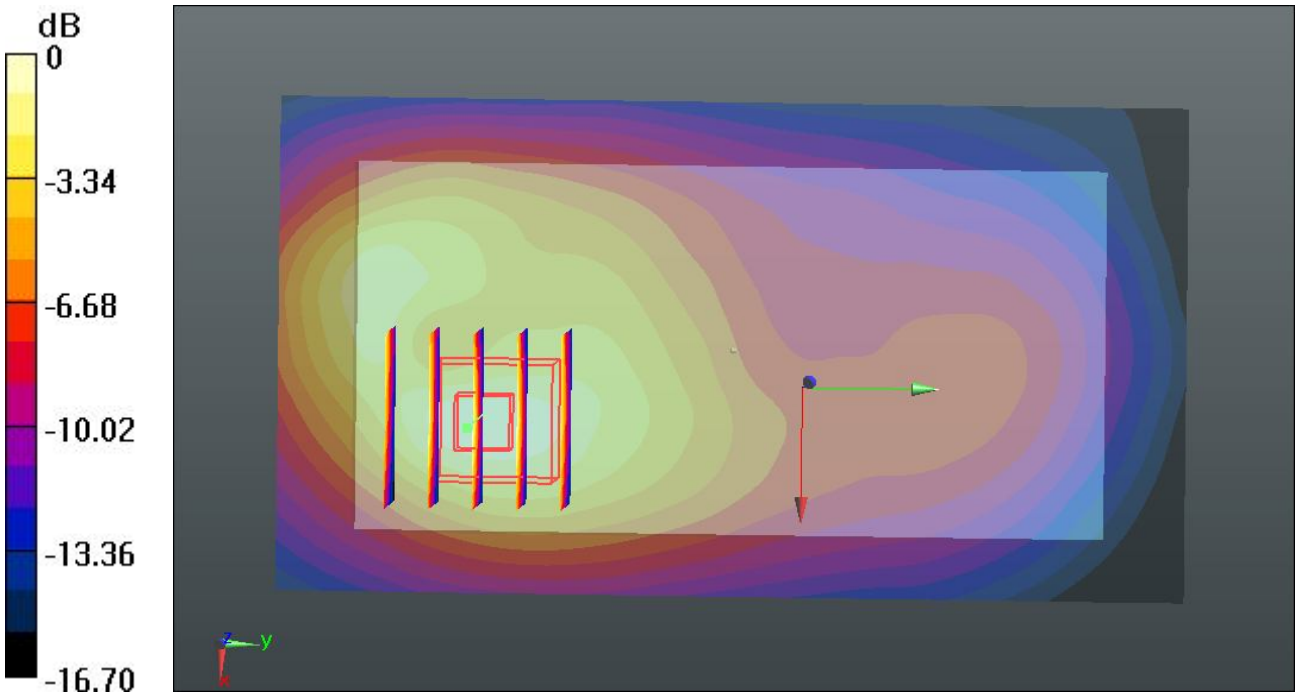
DUT: 342511

Communication System: GPRS/EDGE12; Frequency: 1909.8 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130525 Medium parameters used: f = 1910 MHz; σ = 1.544 mho/m; ε_r = 54.546; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.18 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.931 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.560 mW/g
SAR(1 g) = 0.933 mW/g; SAR(10 g) = 0.521 mW/g
Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.28 W/kg

15 GSM1900_GPRS(4 Tx slots)_Left Side_1cm_Ch810

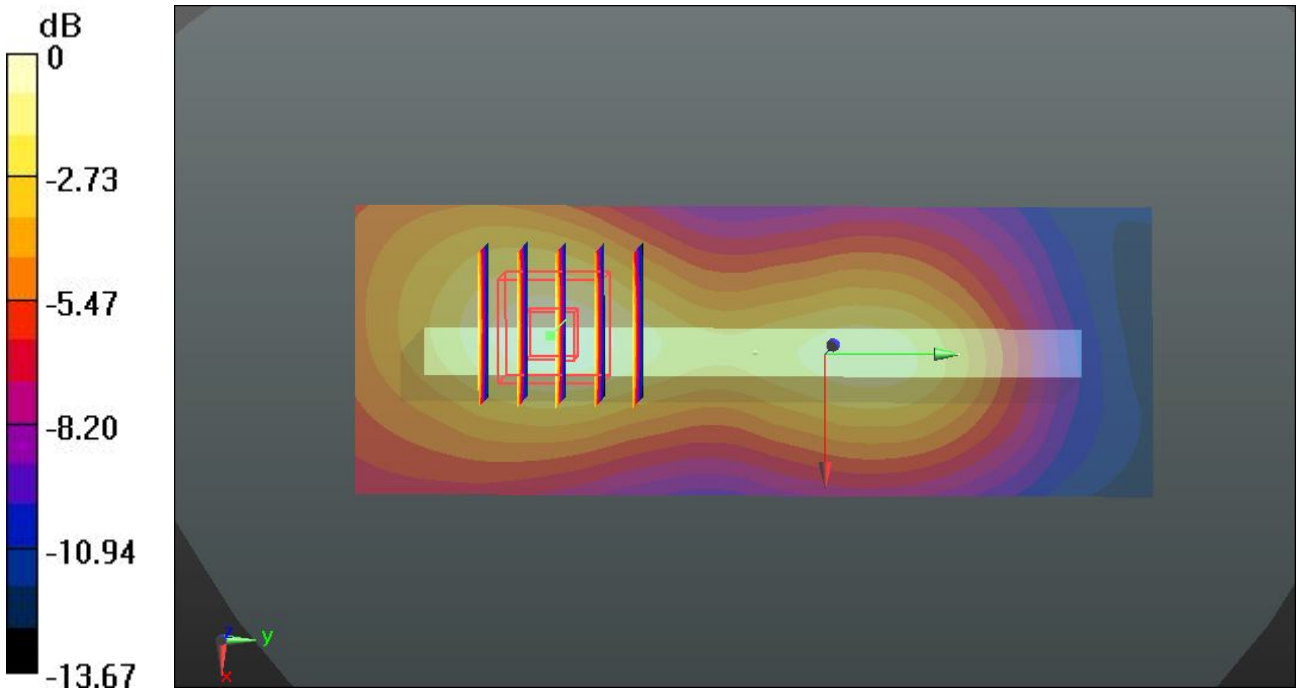
DUT: 342511

Communication System: GPRS/EDGE12; Frequency: 1909.8 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130525 Medium parameters used: f = 1910 MHz; σ = 1.544 mho/m; ε_r = 54.546; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.351 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.565 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.446 mW/g
SAR(1 g) = 0.274 mW/g; SAR(10 g) = 0.165 mW/g
Maximum value of SAR (measured) = 0.362 W/kg



0 dB = 0.362 W/kg

16 GSM1900_GPRS(4 Tx slots)_Right Side_1cm_Ch810

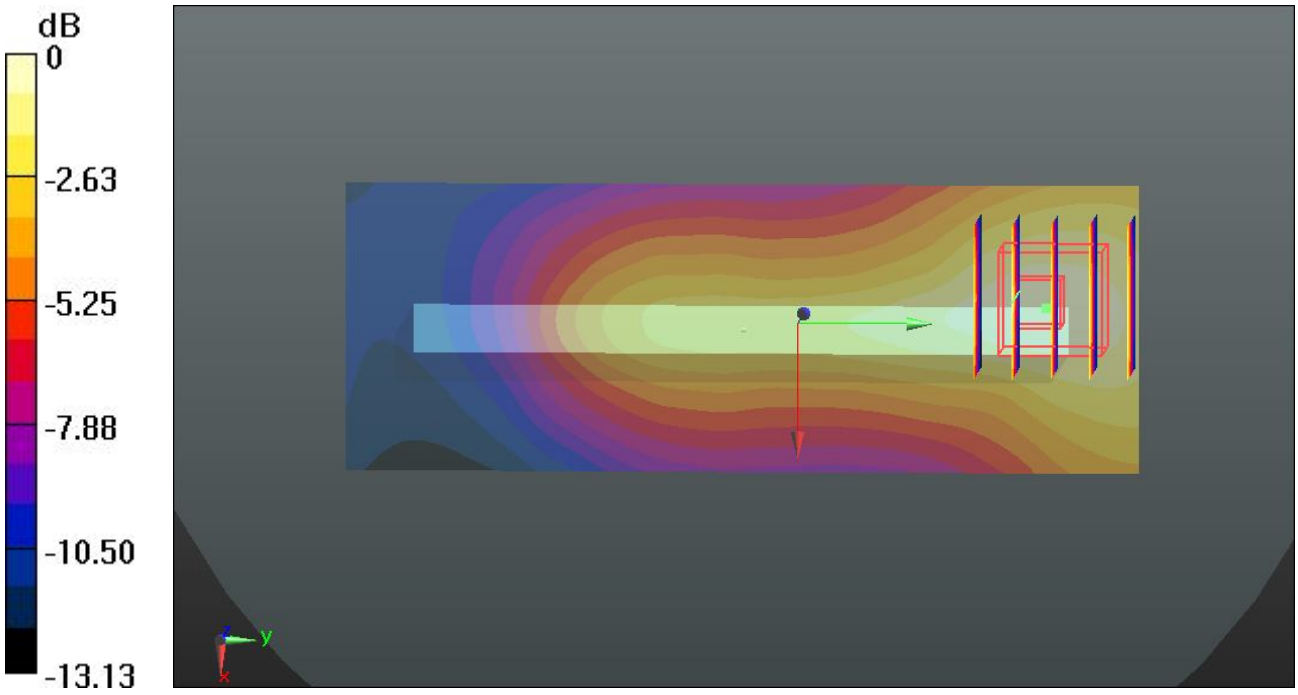
DUT: 342511

Communication System: GPRS/EDGE12; Frequency: 1909.8 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130525 Medium parameters used: f = 1910 MHz; σ = 1.544 mho/m; ε_r = 54.546; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.204 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.760 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.258 mW/g
SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.098 mW/g
Maximum value of SAR (measured) = 0.210 W/kg



0 dB = 0.210 W/kg

17 GSM1900_GPRS(4 Tx slots)_Bottom Side_1cm_Ch810

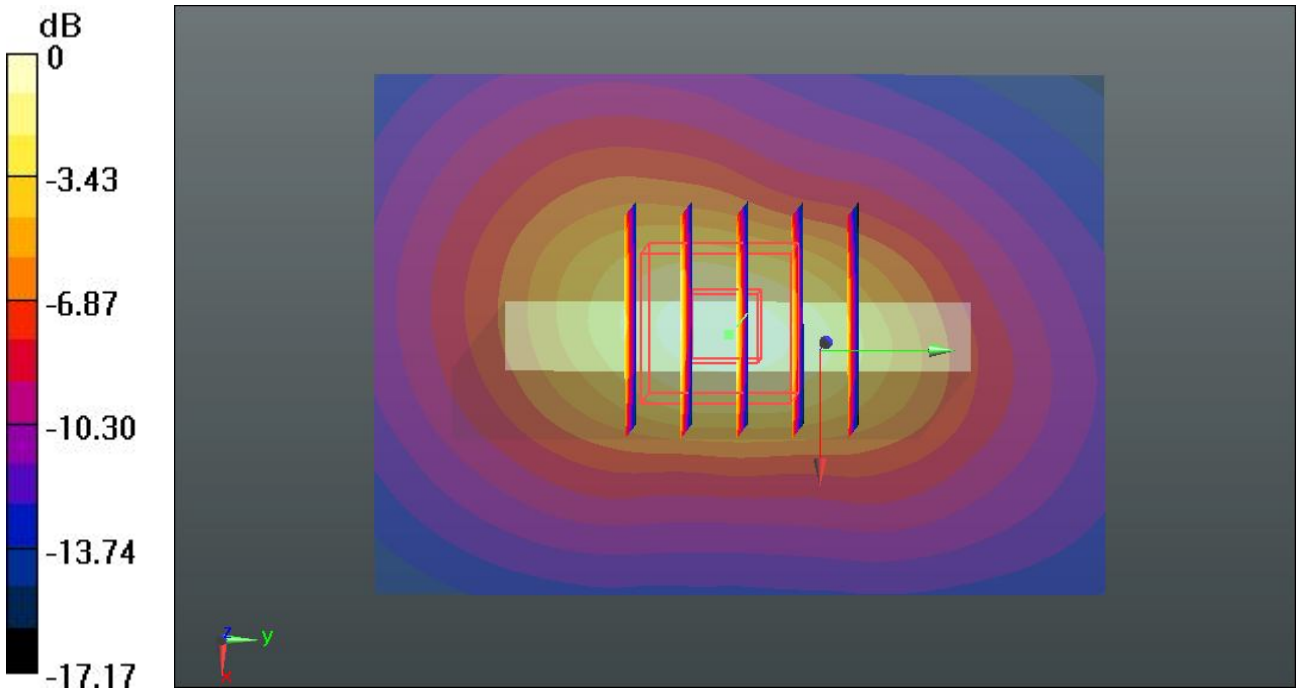
DUT: 342511

Communication System: GPRS/EDGE12; Frequency: 1909.8 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130525 Medium parameters used: f = 1910 MHz; σ = 1.544 mho/m; ε_r = 54.546; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (51x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.30 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.119 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.668 mW/g
SAR(1 g) = 0.968 mW/g; SAR(10 g) = 0.517 mW/g
Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg = 2.61 dB W/kg

18 GSM1900_GPRS(4 Tx slots)_Front_1cm_Ch512

DUT: 342511

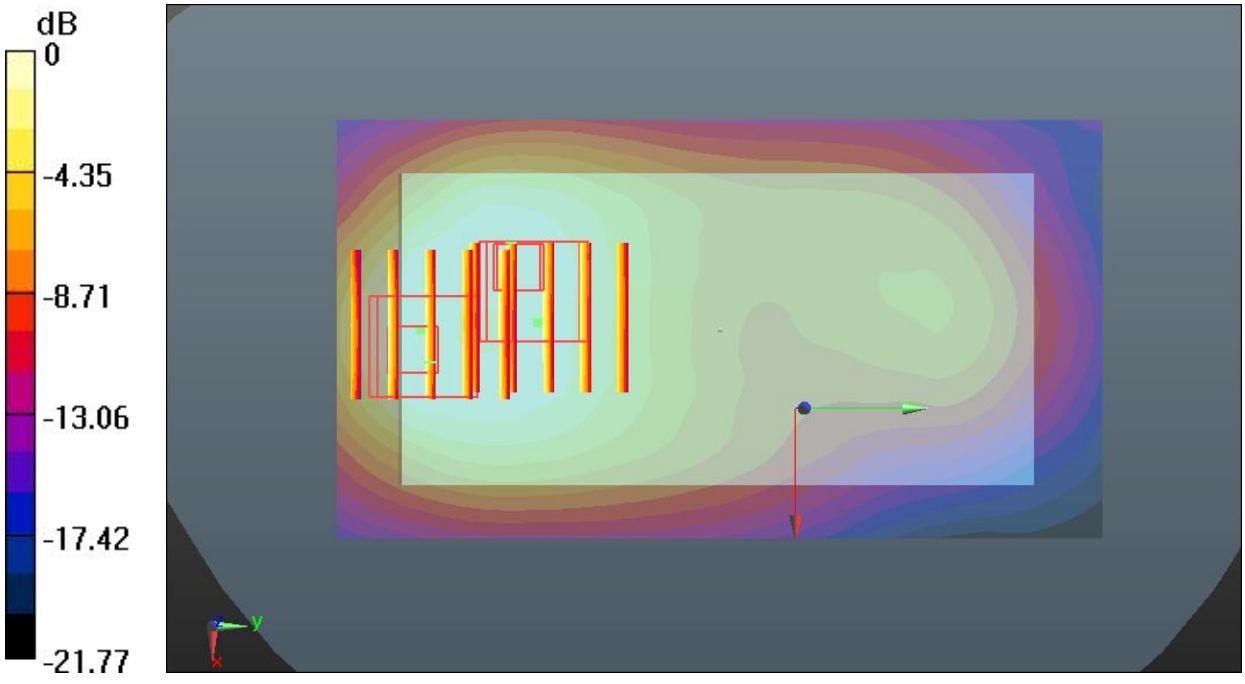
Communication System: GPRS/EDGE12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130525 Medium parameters used: f = 1850.2 MHz; σ = 1.472 mho/m; ε_r = 54.669; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.41 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.280 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.561 mW/g
SAR(1 g) = 0.966 mW/g; SAR(10 g) = 0.557 mW/g
Maximum value of SAR (measured) = 1.27 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.280 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.436 mW/g
SAR(1 g) = 0.894 mW/g; SAR(10 g) = 0.542 mW/g
Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19 W/kg

19 GSM1900_GPRS(4 Tx slots)_Front_1cm_Ch661

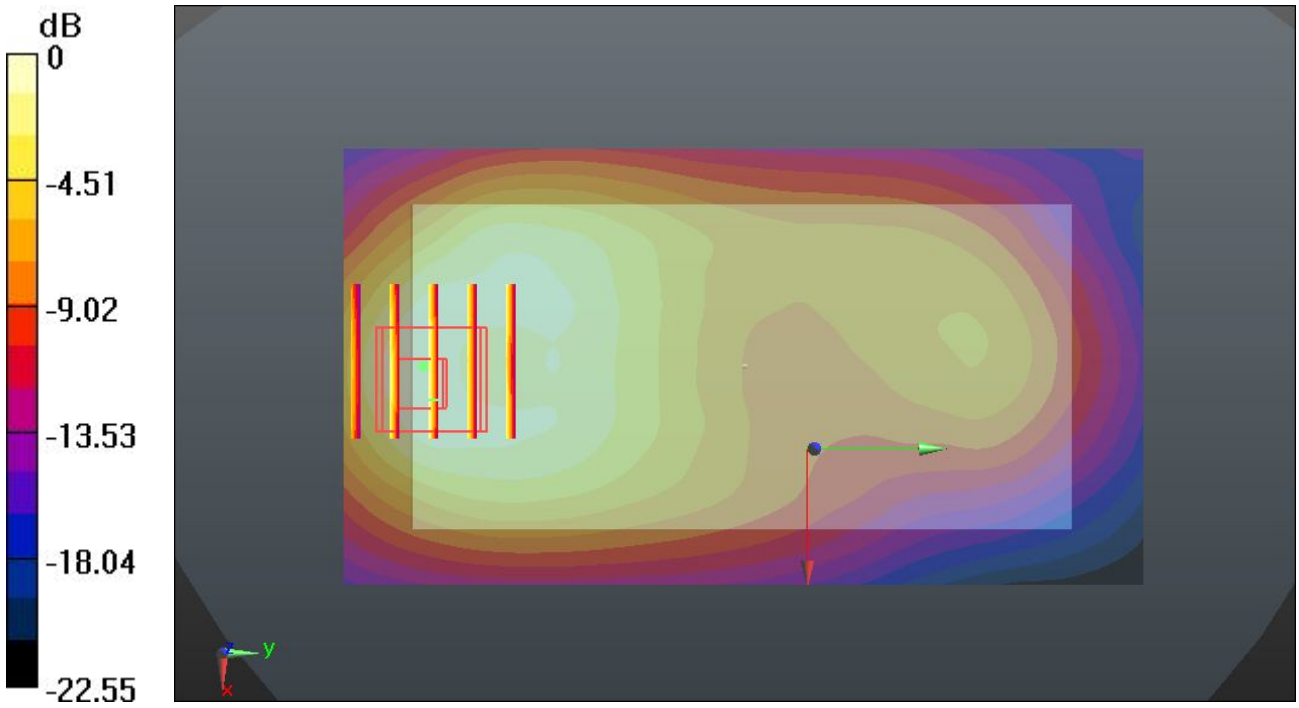
DUT: 342511

Communication System: GPRS/EDGE12; Frequency: 1880 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130525 Medium parameters used: f = 1880 MHz; σ = 1.513 mho/m; ε_r = 54.594; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch661/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.38 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.598 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.560 mW/g
SAR(1 g) = 0.957 mW/g; SAR(10 g) = 0.544 mW/g
Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.28 W/kg

20 GSM1900_GPRS(4 Tx slots)_Back_1cm_Ch512

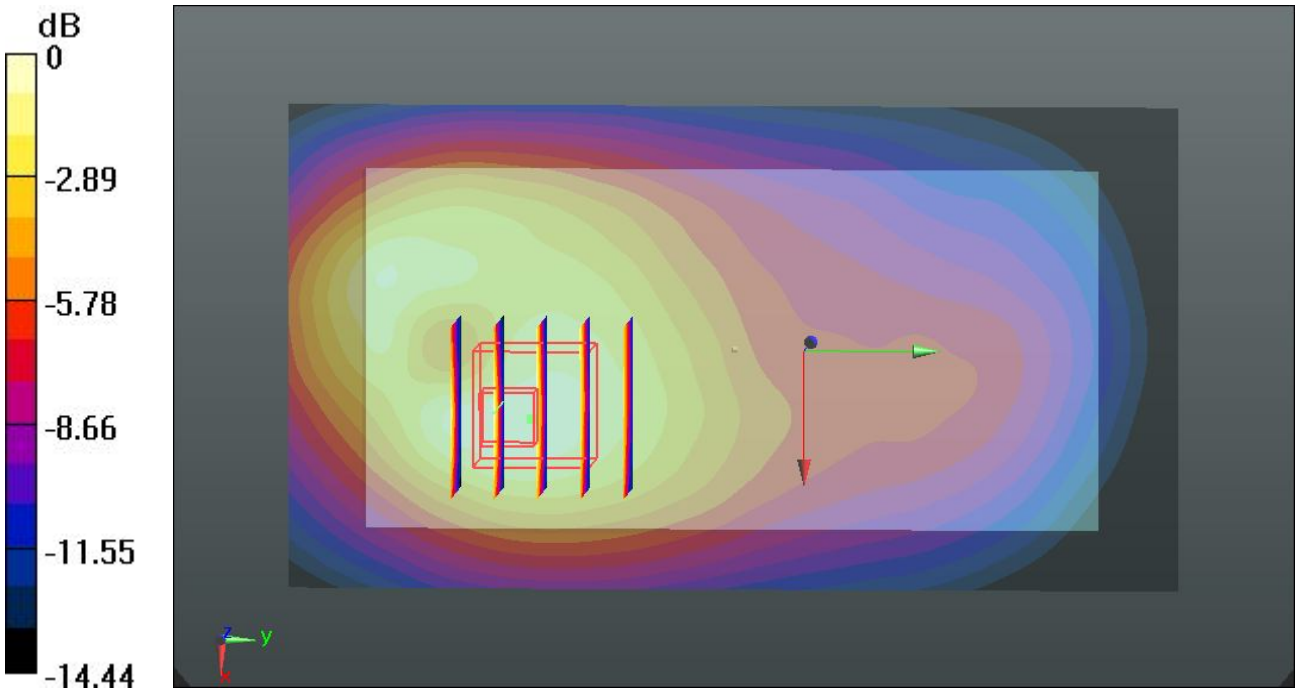
DUT: 342511

Communication System: GPRS/EDGE12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130525 Medium parameters used: f = 1850.2 MHz; σ = 1.472 mho/m; ε_r = 54.669; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.09 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.055 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.298 mW/g
SAR(1 g) = 0.814 mW/g; SAR(10 g) = 0.486 mW/g
Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg

21 GSM1900_GPRS(4 Tx slots)_Back_1cm_Ch661

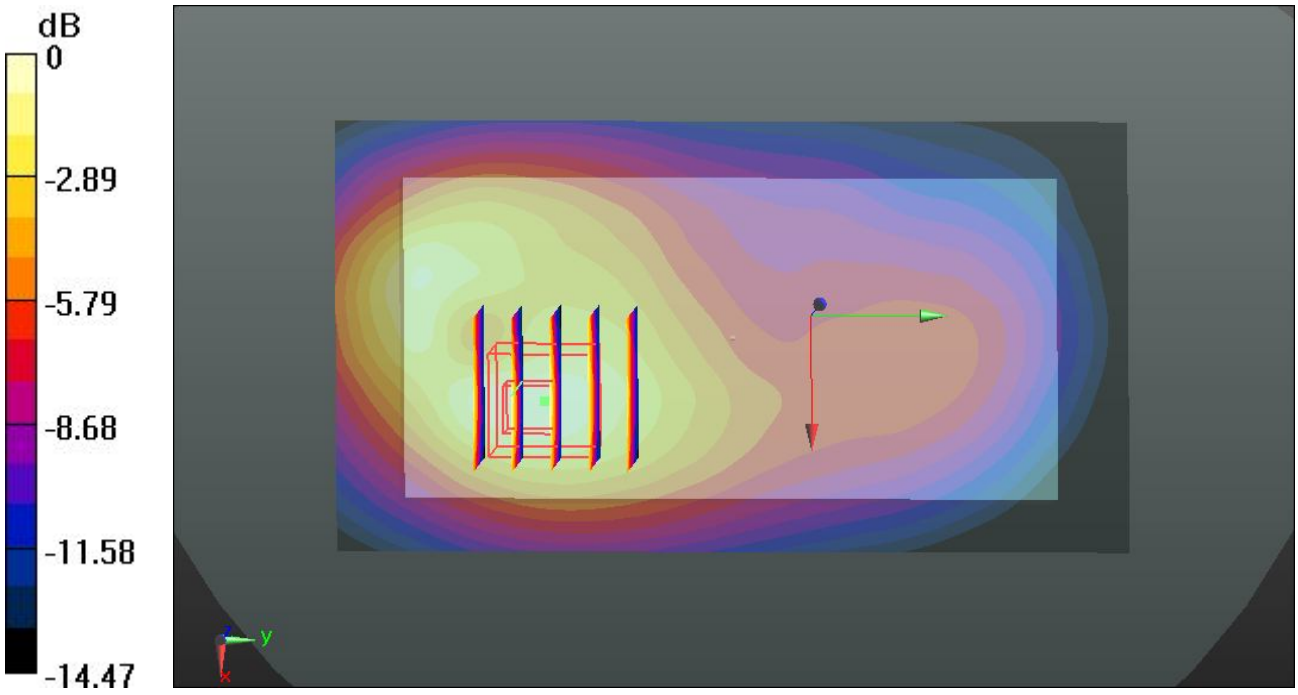
DUT: 342511

Communication System: GPRS/EDGE12; Frequency: 1880 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130525 Medium parameters used: f = 1880 MHz; σ = 1.513 mho/m; ε_r = 54.594; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch661/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.14 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.061 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.425 mW/g
SAR(1 g) = 0.877 mW/g; SAR(10 g) = 0.503 mW/g
Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg

22 GSM1900_GPRS(4 Tx slots)_Bottom Side_1cm_Ch512

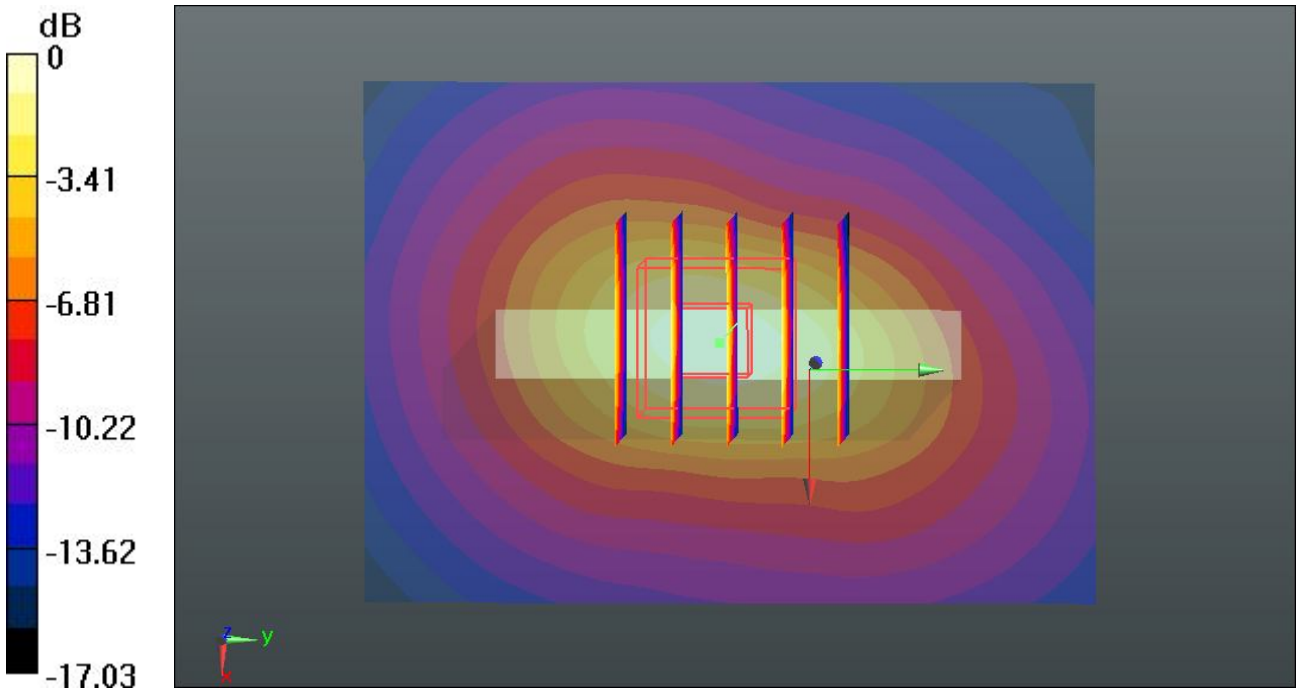
DUT: 342511

Communication System: GPRS/EDGE12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130525 Medium parameters used: f = 1850.2 MHz; σ = 1.472 mho/m; ε_r = 54.669; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (51x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.41 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.311 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.800 mW/g
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.576 mW/g
Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.47 W/kg

37 GSM1900_GPRS(4 Tx slots)_Bottom Side_1cm_Ch512 _Repeat SAR

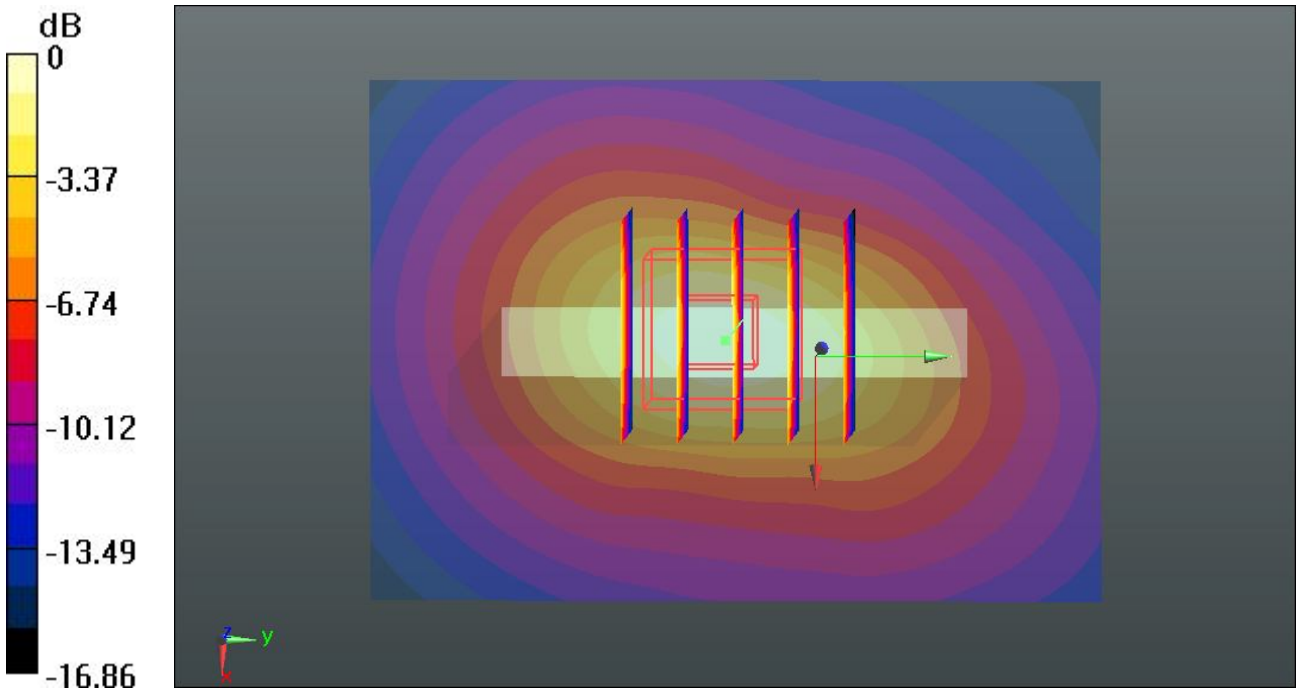
DUT: 342511

Communication System: GPRS/EDGE12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130525 Medium parameters used: f = 1850.2 MHz; σ = 1.472 mho/m; ε_r = 54.669; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (51x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.42 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.272 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.751 mW/g
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.563 mW/g
Maximum value of SAR (measured) = 1.43 W/kg



0 dB = 1.43 W/kg

23 GSM1900_GPRS(4 Tx slots)_Bottom Side_1cm_Ch661

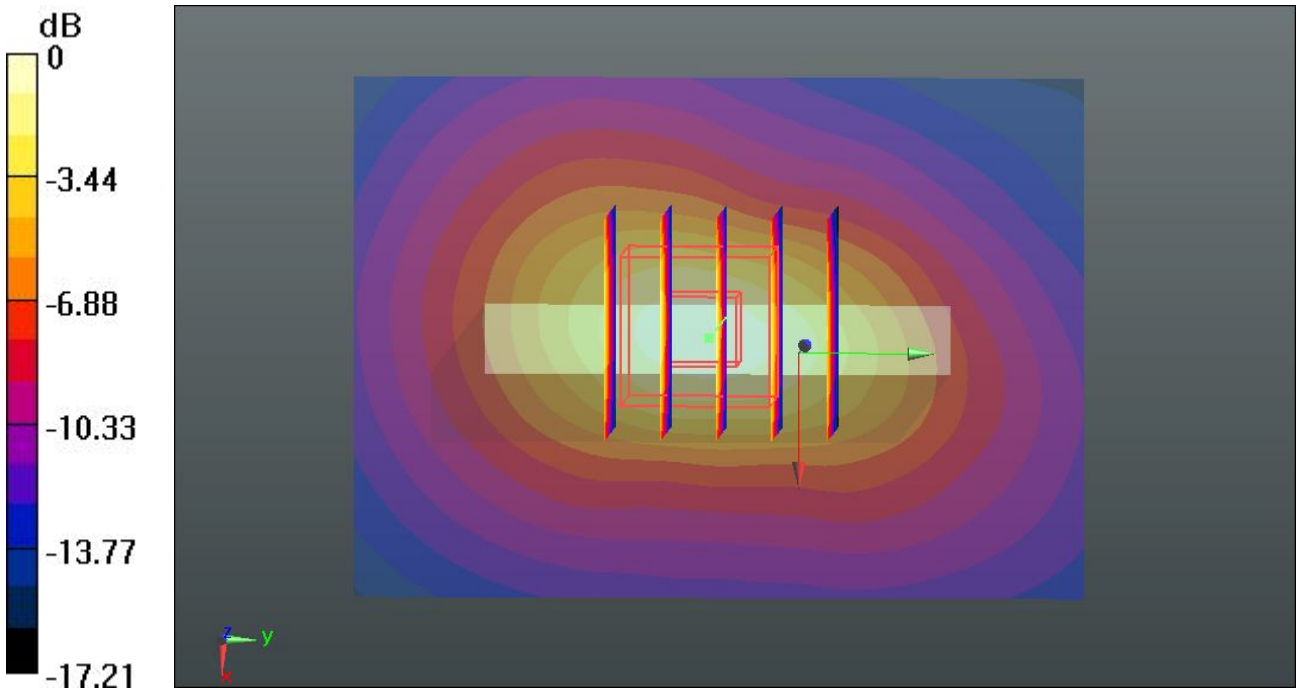
DUT: 342511

Communication System: GPRS/EDGE12; Frequency: 1880 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130525 Medium parameters used: f = 1880 MHz; σ = 1.513 mho/m; ε_r = 54.594; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch661/Area Scan (51x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.35 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.139 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.710 mW/g
SAR(1 g) = 1.000 mW/g; SAR(10 g) = 0.539 mW/g
Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.39 W/kg

24 GSM1900_GSM Voice_Front_1cm_Ch810

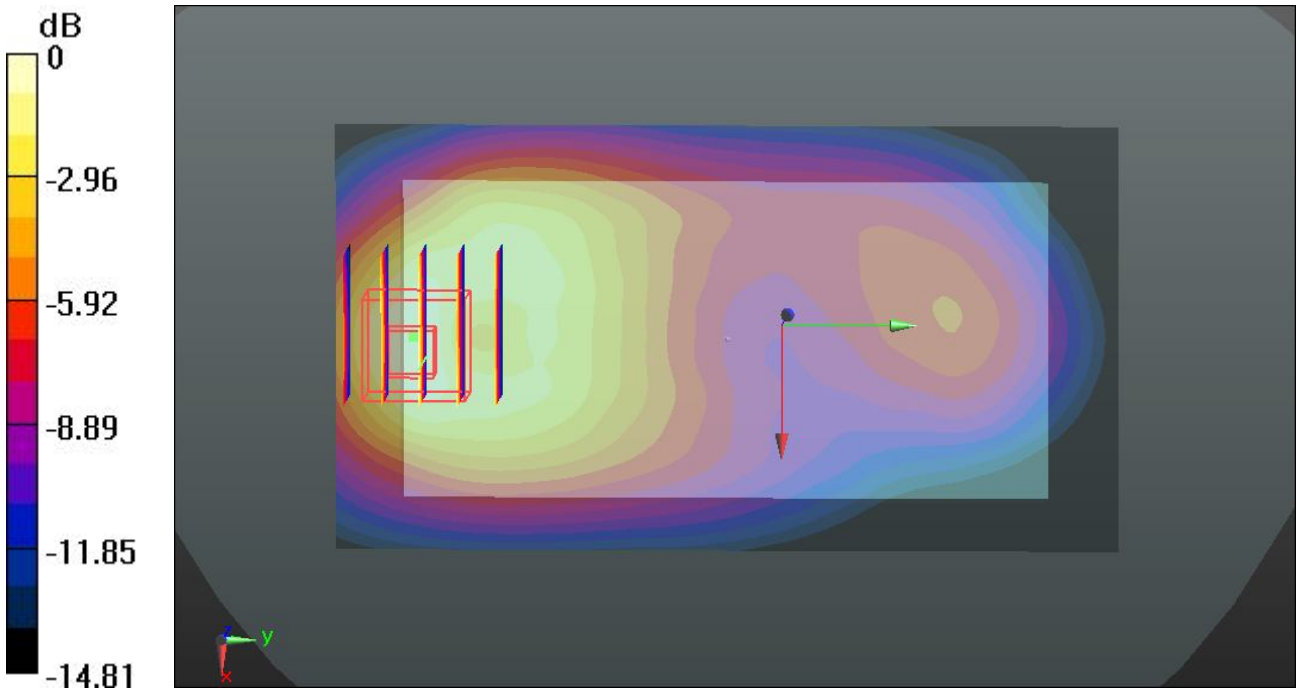
DUT: 342511

Communication System: Generic GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_130525 Medium parameters used: f = 1910 MHz; σ = 1.544 mho/m; ε_r = 54.546; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.727 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.435 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.844 mW/g
SAR(1 g) = 0.509 mW/g; SAR(10 g) = 0.285 mW/g
Maximum value of SAR (measured) = 0.687 W/kg



0 dB = 0.687 W/kg

25 GSM1900_GSM Voice_Back_1cm_Ch810

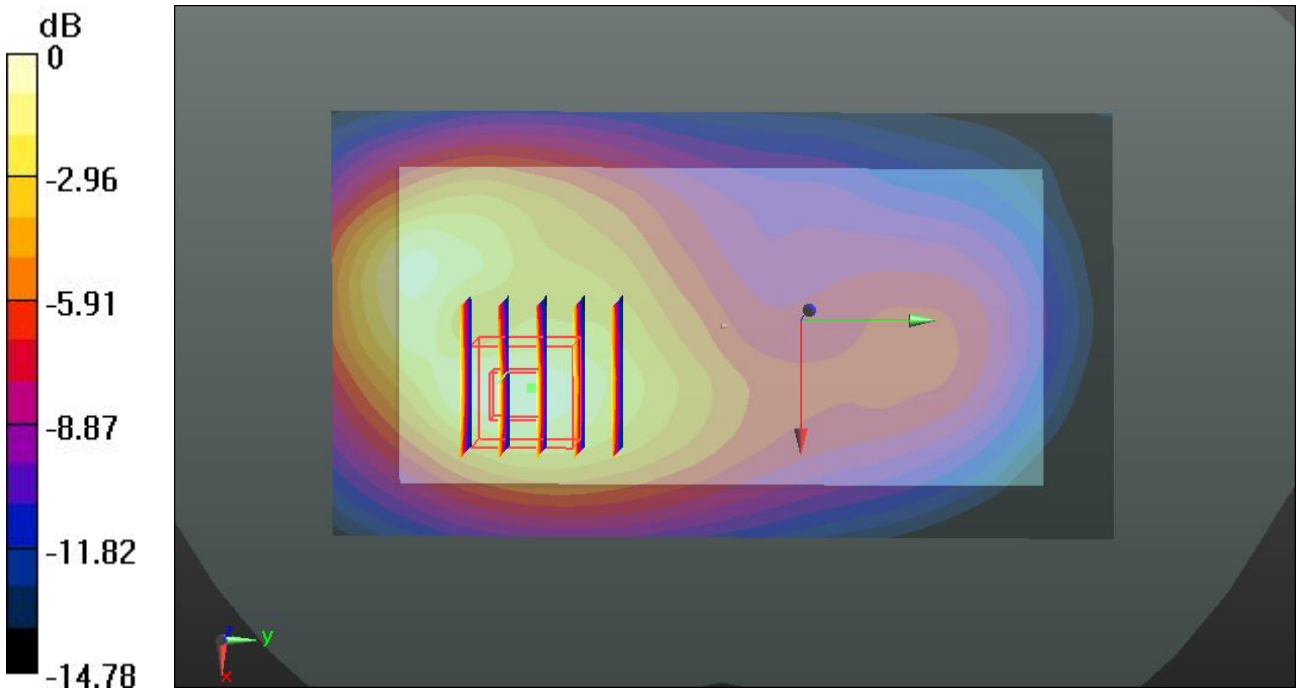
DUT: 342511

Communication System: Generic GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_130525 Medium parameters used: f = 1910 MHz; σ = 1.544 mho/m; ε_r = 54.546; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.597 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.328 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.786 mW/g
SAR(1 g) = 0.475 mW/g; SAR(10 g) = 0.267 mW/g
Maximum value of SAR (measured) = 0.634 W/kg



0 dB = 0.634 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 27.05.2013

38 WCDMA Band V_RMC 12.2K_Front_1cm_Ch4182

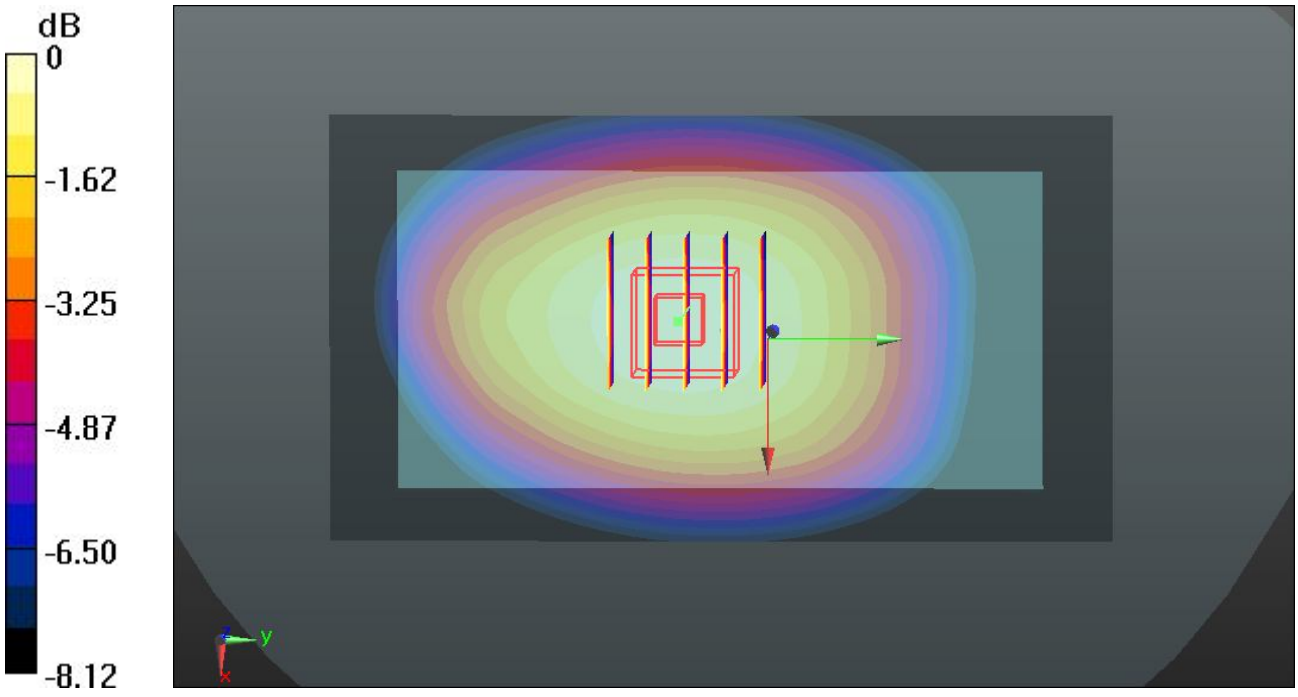
DUT: 342511

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130527 Medium parameters used: f = 836.4 MHz; σ = 0.972 mho/m; ε_r = 56.294; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.705 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.814 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.780 mW/g
SAR(1 g) = 0.631 mW/g; SAR(10 g) = 0.483 mW/g
Maximum value of SAR (measured) = 0.718 W/kg



0 dB = 0.718 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 27.05.2013

39 WCDMA Band V_RMC 12.2K_Back_1cm_Ch4182

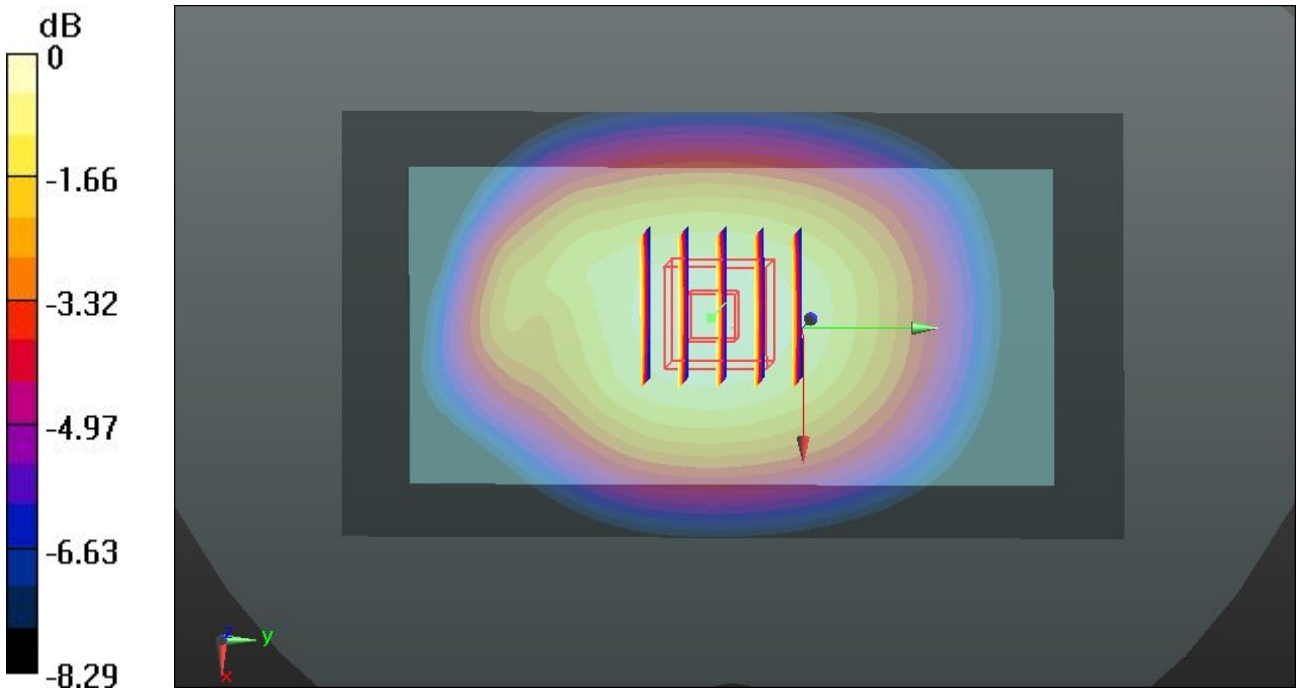
DUT: 342511

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130527 Medium parameters used: f = 836.4 MHz; σ = 0.972 mho/m; ε_r = 56.294; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.911 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.497 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.009 mW/g
SAR(1 g) = 0.800 mW/g; SAR(10 g) = 0.606 mW/g
Maximum value of SAR (measured) = 0.921 W/kg



0 dB = 0.921 W/kg

40 WCDMA Band V_RMC 12.2K_Left Side_1cm_Ch4182

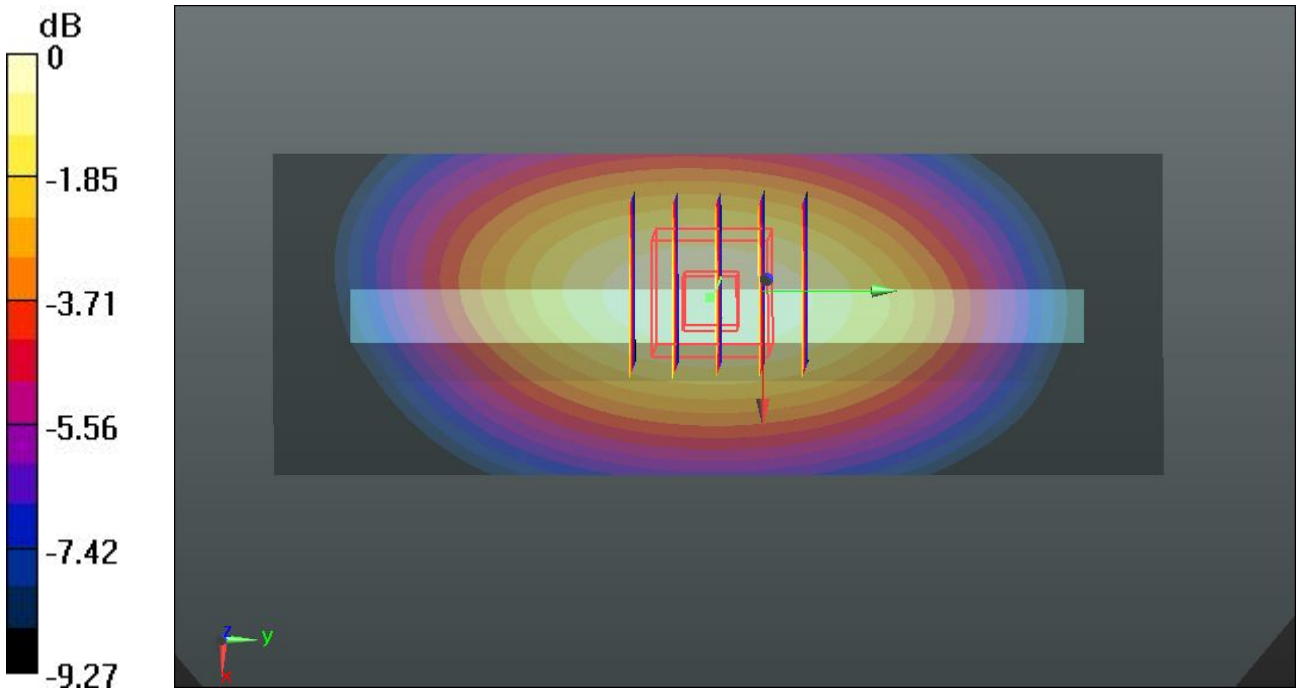
DUT: 342511

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130527 Medium parameters used: f = 836.4 MHz; σ = 0.972 mho/m; ε_r = 56.294; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.586 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.093 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.668 mW/g
SAR(1 g) = 0.480 mW/g; SAR(10 g) = 0.336 mW/g
Maximum value of SAR (measured) = 0.582 W/kg



0 dB = 0.582 W/kg

41 WCDMA Band V_RMC 12.2K_Right Side_1cm_Ch4182

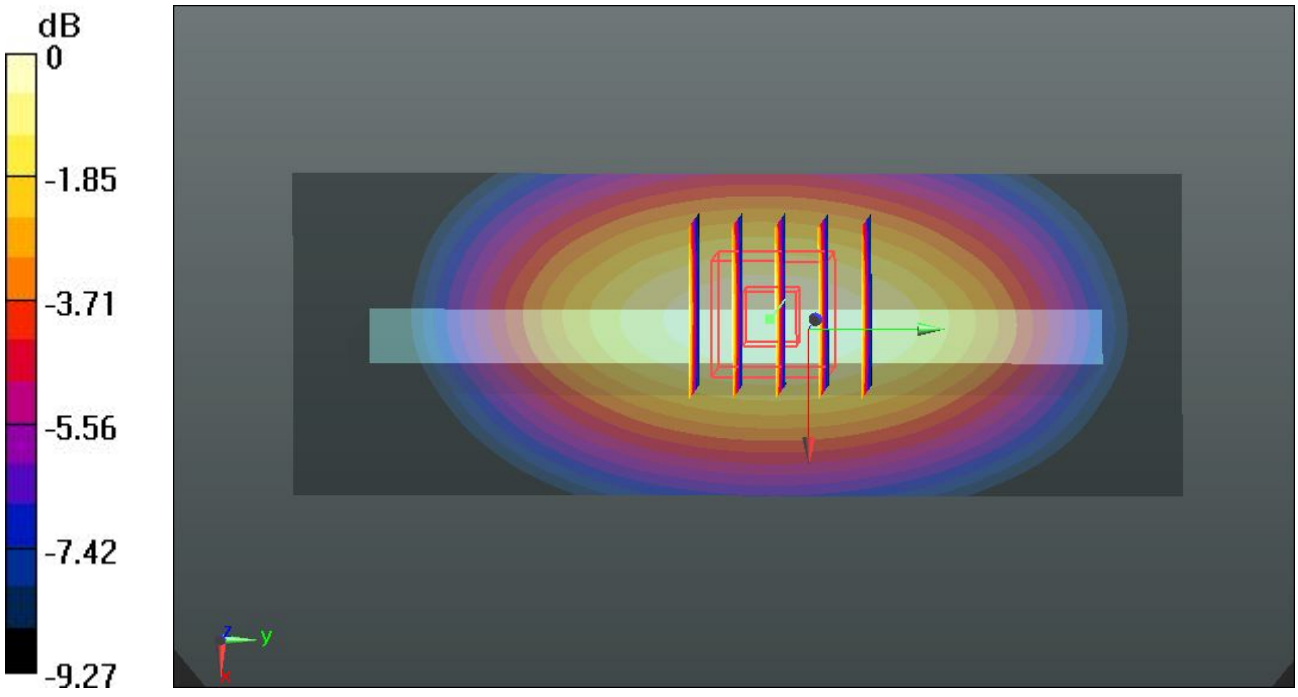
DUT: 342511

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130527 Medium parameters used: f = 836.4 MHz; σ = 0.972 mho/m; ε_r = 56.294; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.687 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.034 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.776 mW/g
SAR(1 g) = 0.555 mW/g; SAR(10 g) = 0.388 mW/g
Maximum value of SAR (measured) = 0.677 W/kg



0 dB = 0.677 W/kg

42 WCDMA Band V_RMC 12.2K_Bottom Side_1cm_Ch4182

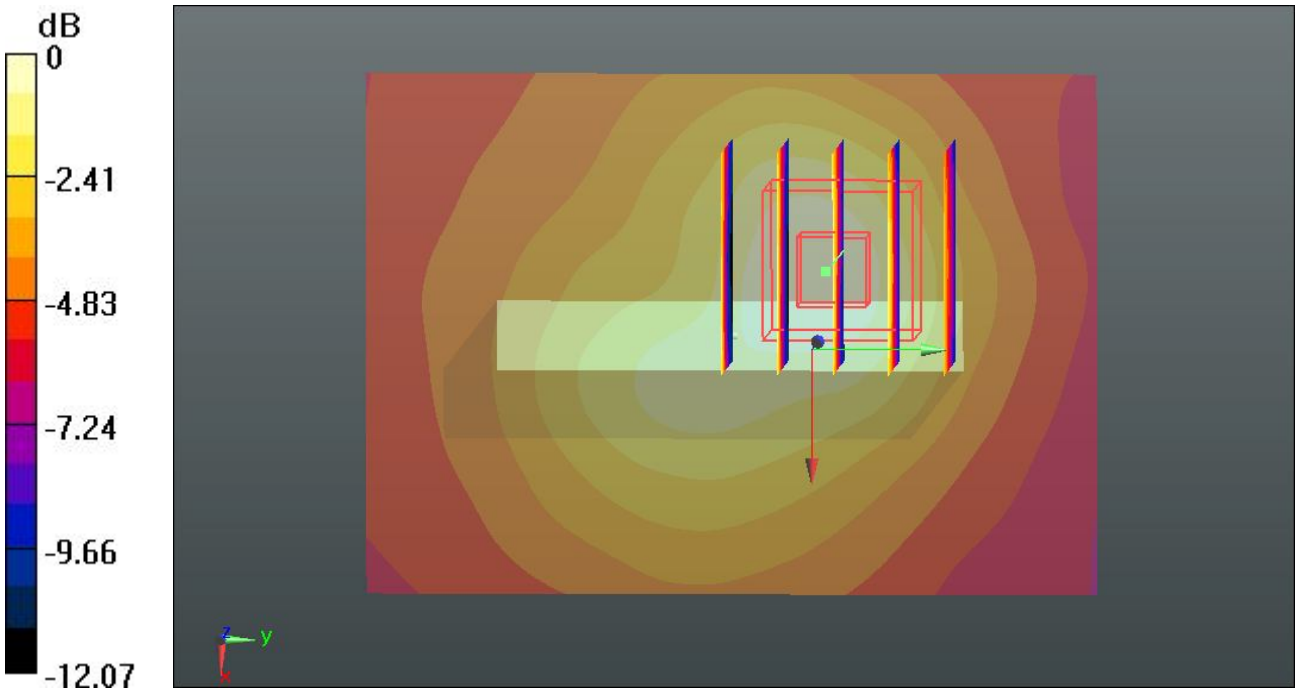
DUT: 342511

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130527 Medium parameters used: f = 836.4 MHz; σ = 0.972 mho/m; ε_r = 56.294; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (51x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0506 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.414 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.064 mW/g
SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.024 mW/g
Maximum value of SAR (measured) = 0.0509 W/kg



0 dB = 0.0509 W/kg

43 WCDMA Band V_RMC 12.2K_Front_1cm_Ch4132

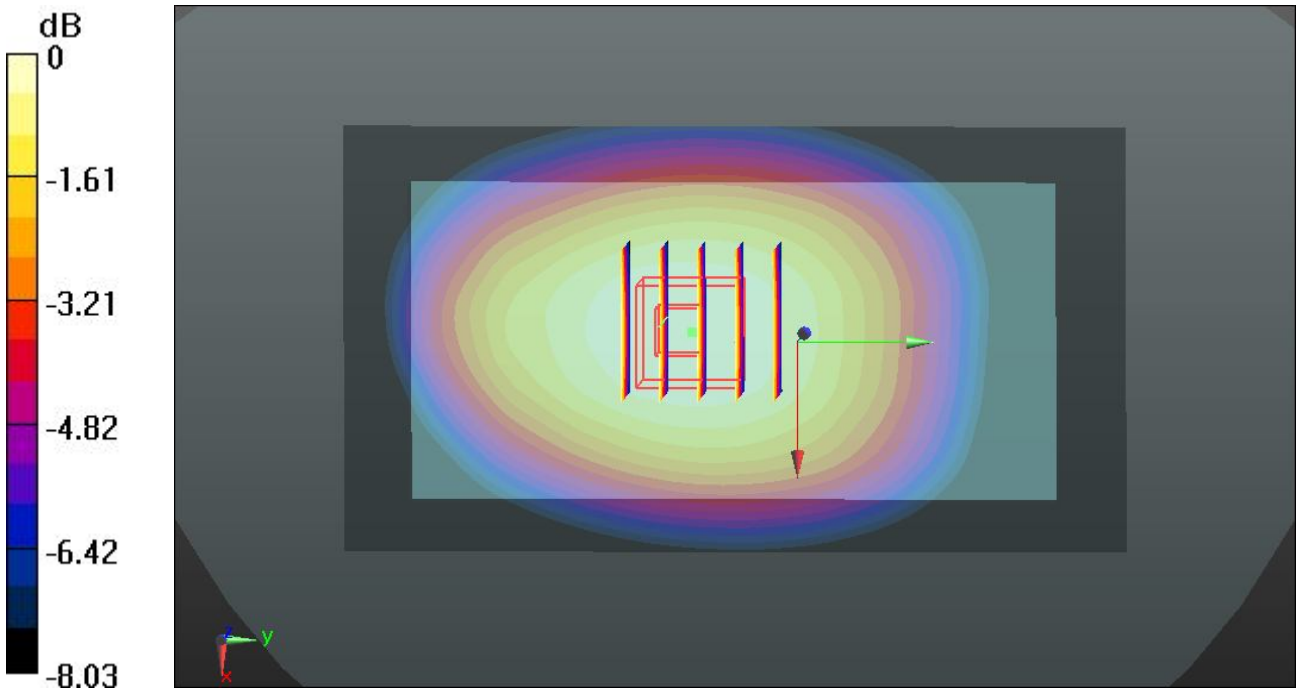
DUT: 342511

Communication System: UMTS; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130527 Medium parameters used: f = 826.4 MHz; σ = 0.963 mho/m; ε_r = 56.376; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4132/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.566 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.673 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.610 mW/g
SAR(1 g) = 0.492 mW/g; SAR(10 g) = 0.376 mW/g
Maximum value of SAR (measured) = 0.559 W/kg



0 dB = 0.559 W/kg

44 WCDMA Band V_RMC 12.2K_Front_1cm_Ch4233

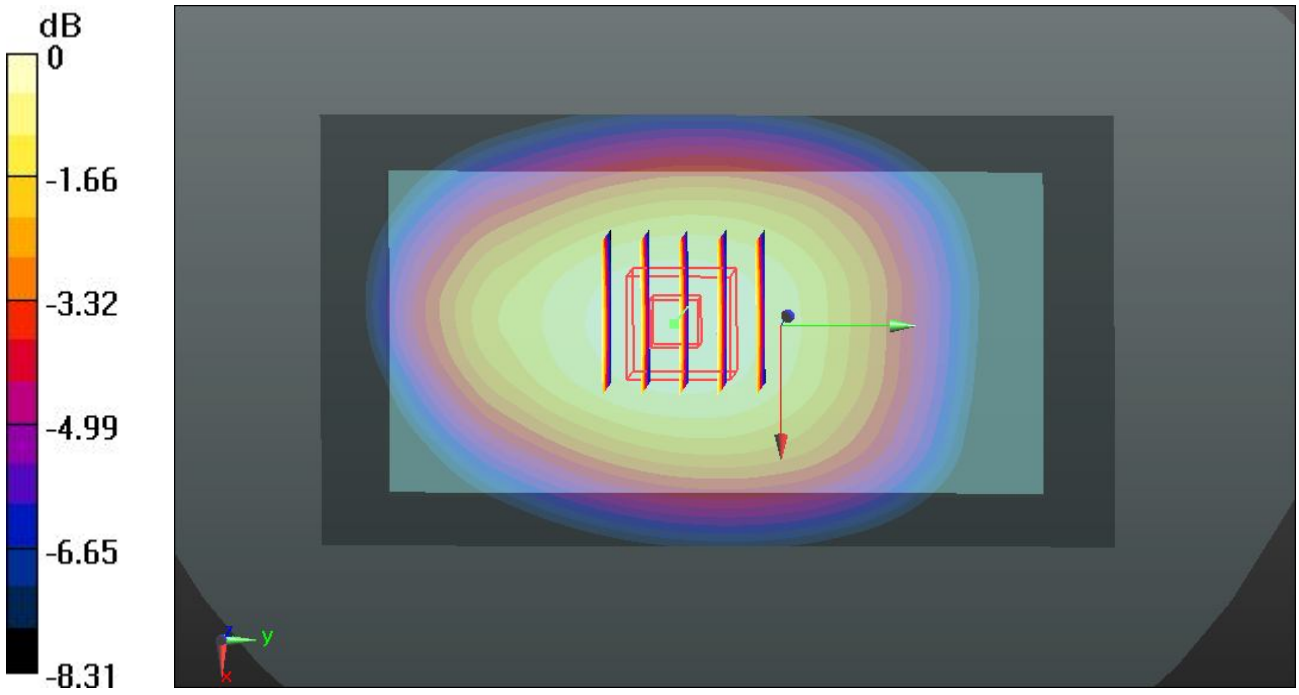
DUT: 342511

Communication System: UMTS; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_130527 Medium parameters used: f = 847 MHz; σ = 0.981 mho/m; ε_r = 56.199; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.687 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.311 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.758 mW/g
SAR(1 g) = 0.607 mW/g; SAR(10 g) = 0.462 mW/g
Maximum value of SAR (measured) = 0.695 W/kg



0 dB = 0.695 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 27.05.2013

45 WCDMA Band V_RMC 12.2K_Back_1cm_Ch4132

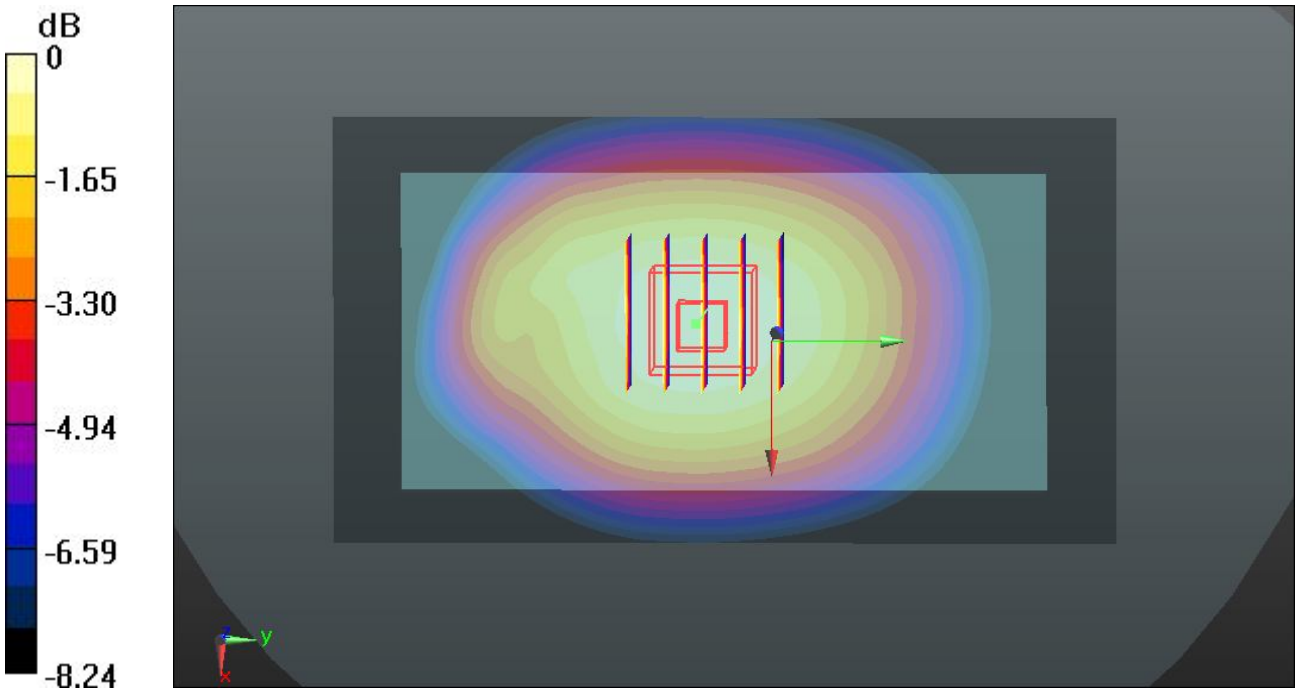
DUT: 342511

Communication System: UMTS; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130527 Medium parameters used: f = 826.4 MHz; σ = 0.963 mho/m; ε_r = 56.376; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4132/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.847 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.435 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.929 mW/g
SAR(1 g) = 0.740 mW/g; SAR(10 g) = 0.561 mW/g
Maximum value of SAR (measured) = 0.849 W/kg



0 dB = 0.849 W/kg

46 WCDMA Band V_RMC 12.2K_Back_1cm_Ch4233

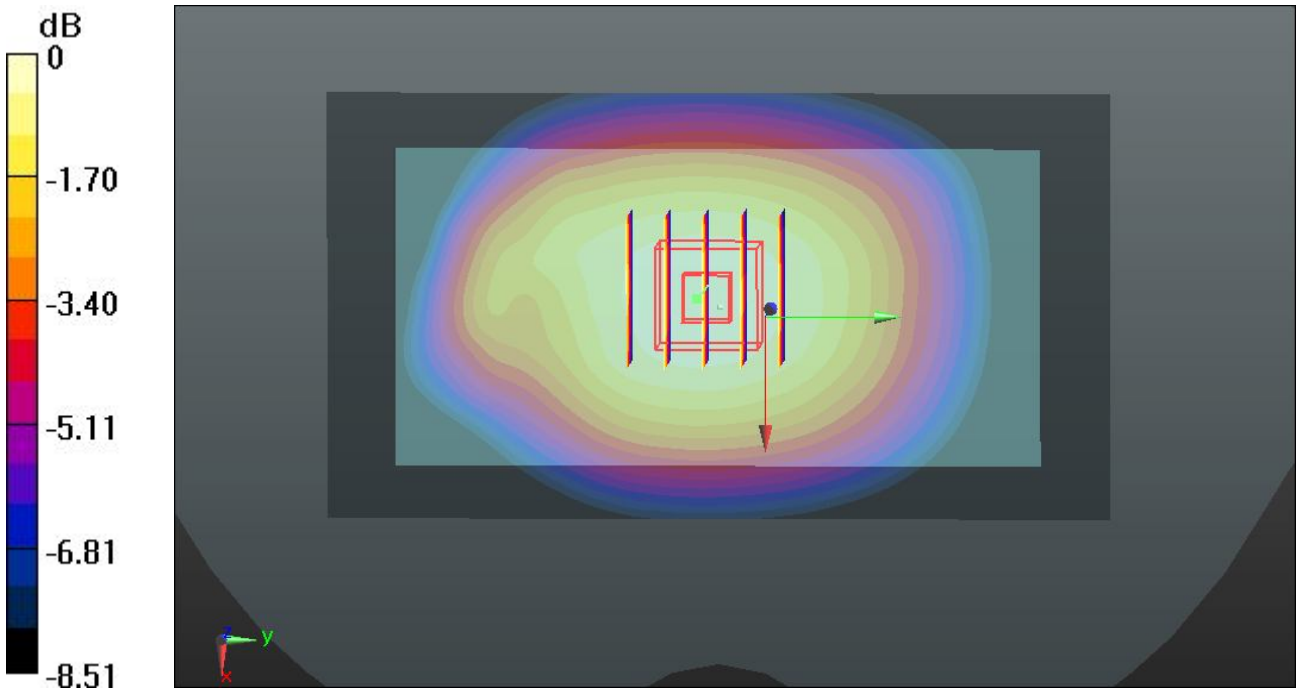
DUT: 342511

Communication System: UMTS; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_130527 Medium parameters used: f = 847 MHz; σ = 0.981 mho/m; ε_r = 56.199; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.867 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.562 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.964 mW/g
SAR(1 g) = 0.762 mW/g; SAR(10 g) = 0.575 mW/g
Maximum value of SAR (measured) = 0.878 W/kg



0 dB = 0.878 W/kg

26 WCDMA Band II_RMC 12.2K_Front_1cm_Ch9400

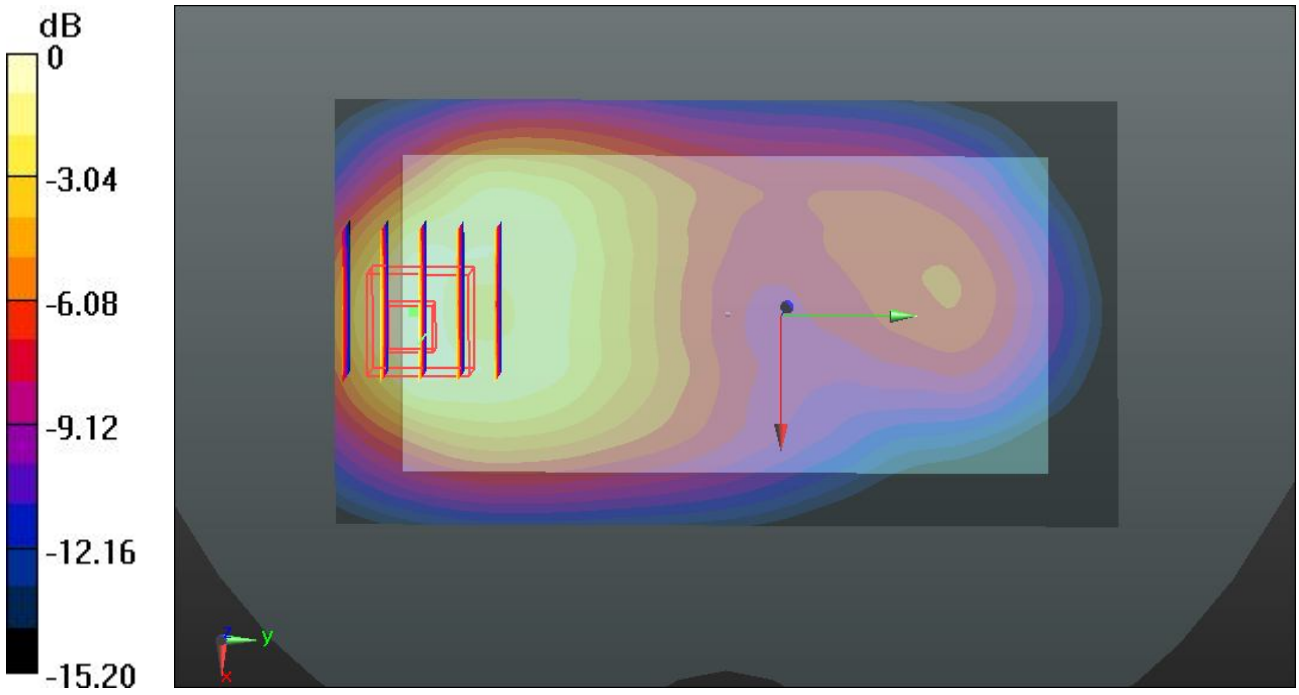
DUT: 342511

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130525 Medium parameters used: f = 1880 MHz; σ = 1.513 mho/m; ε_r = 54.594; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.01 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.145 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.130 mW/g
SAR(1 g) = 0.689 mW/g; SAR(10 g) = 0.390 mW/g
Maximum value of SAR (measured) = 0.930 W/kg



0 dB = 0.930 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 25.05.2013

27 WCDMA Band II_RMC 12.2K_Back_1cm_Ch9400

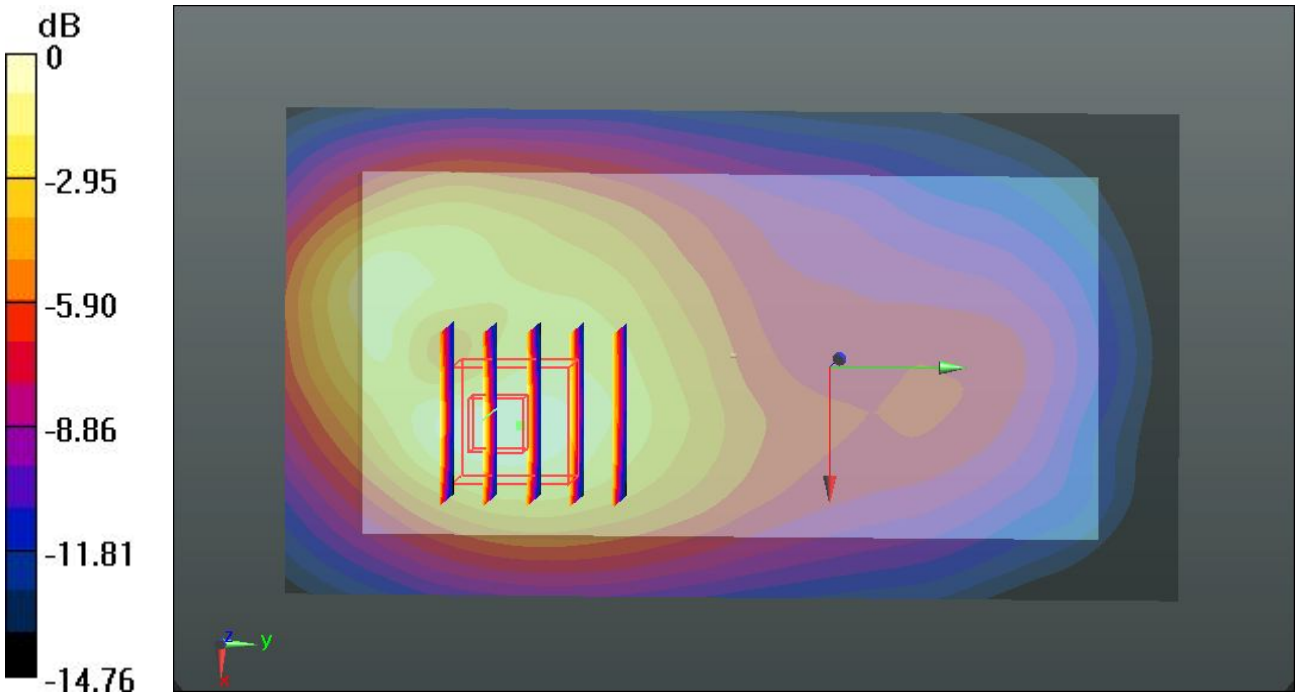
DUT: 342511

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130525 Medium parameters used: f = 1880 MHz; σ = 1.513 mho/m; ε_r = 54.594; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.843 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.661 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.044 mW/g
SAR(1 g) = 0.644 mW/g; SAR(10 g) = 0.371 mW/g
Maximum value of SAR (measured) = 0.870 W/kg



0 dB = 0.870 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 25.05.2013

28 WCDMA Band II_RMC 12.2K_Left Side_1cm_Ch9400

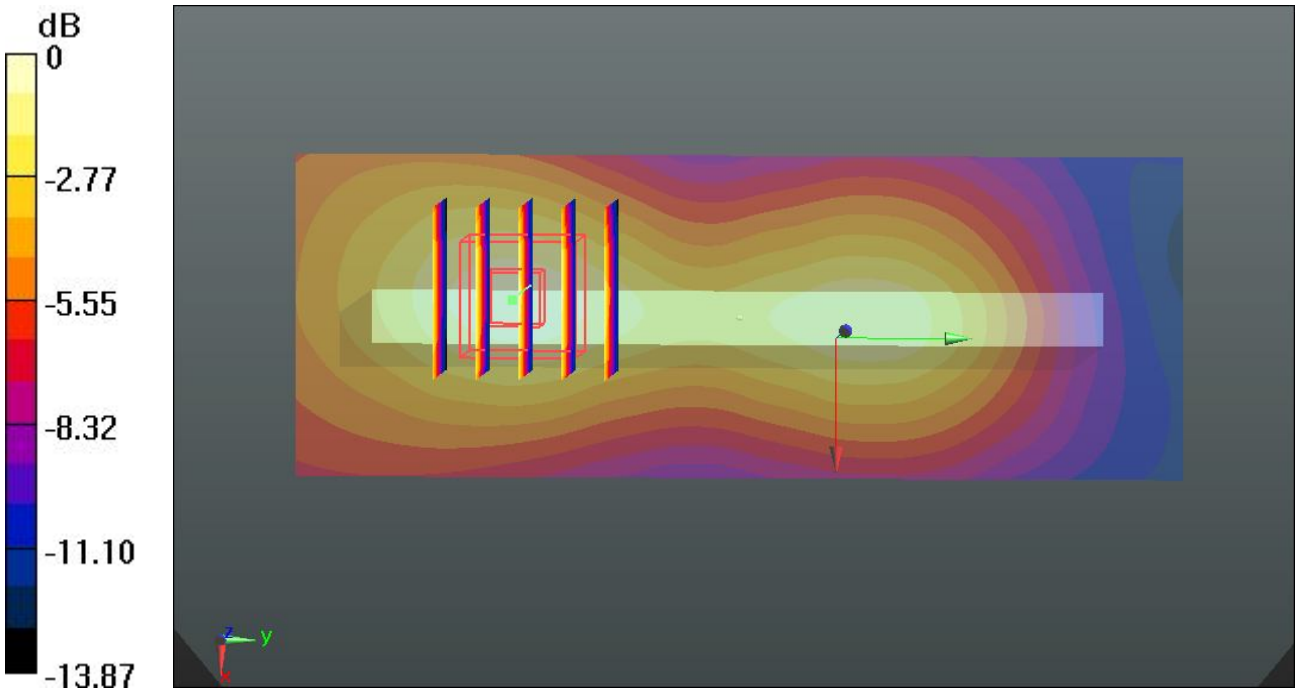
DUT: 342511

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130525 Medium parameters used: f = 1880 MHz; σ = 1.513 mho/m; ε_r = 54.594; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.223 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.644 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.288 mW/g
SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.106 mW/g
Maximum value of SAR (measured) = 0.234 W/kg



0 dB = 0.234 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 25.05.2013

29 WCDMA Band II_RMC 12.2K_Right Side_1cm_Ch9400

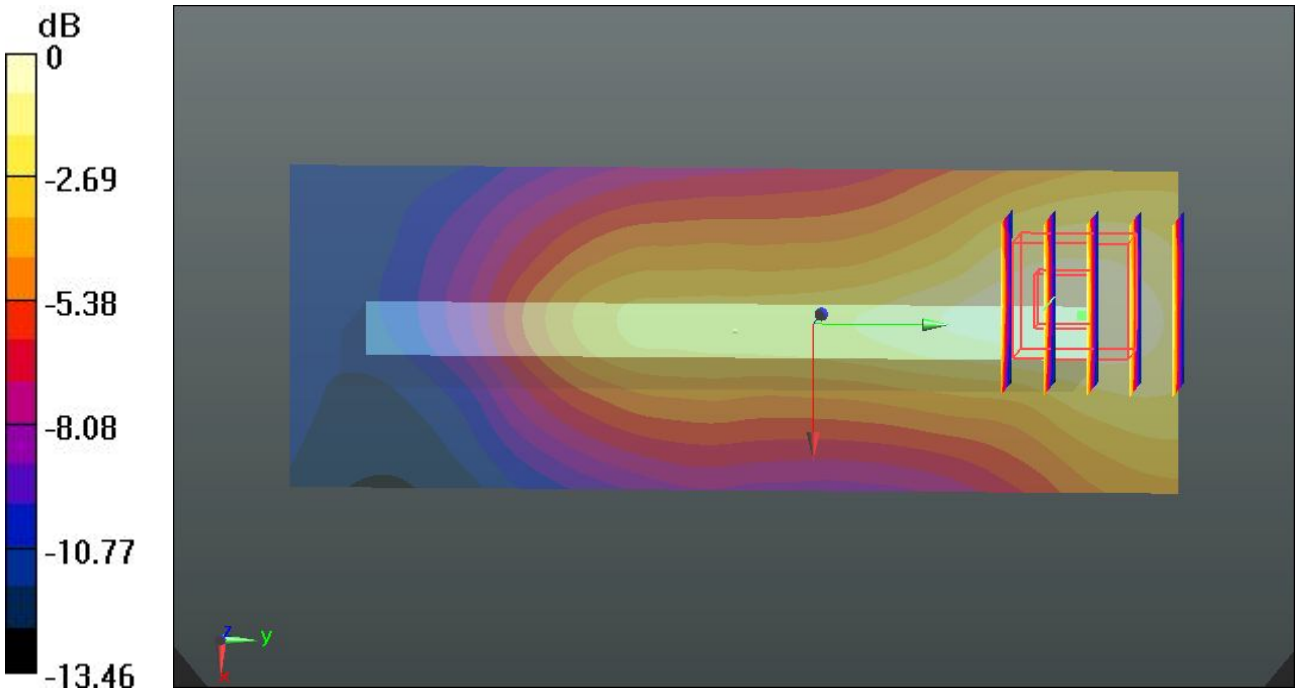
DUT: 342511

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130525 Medium parameters used: f = 1880 MHz; σ = 1.513 mho/m; ε_r = 54.594; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.155 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.181 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.190 mW/g
SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.073 mW/g
Maximum value of SAR (measured) = 0.156 W/kg



0 dB = 0.156 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 25.05.2013

30 WCDMA Band II_RMC 12.2K_Bottom Side_1cm_Ch9400

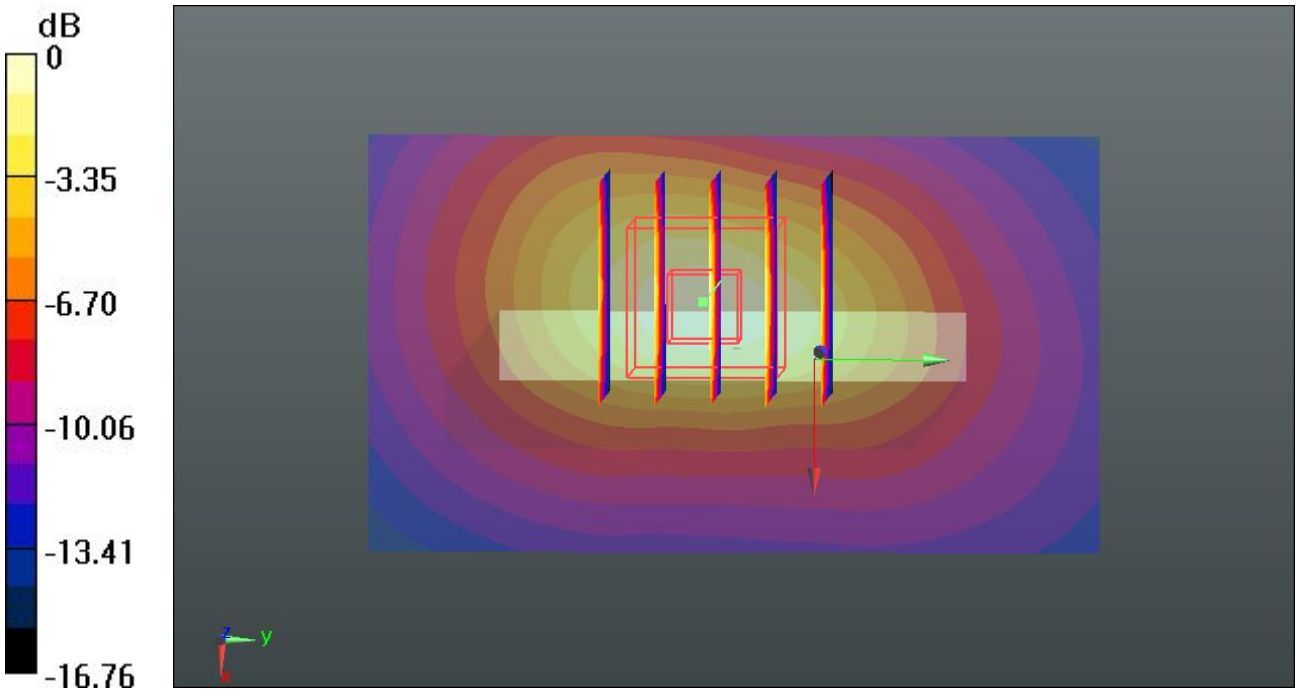
DUT: 342511

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130525 Medium parameters used: f = 1880 MHz; σ = 1.513 mho/m; ε_r = 54.594; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.786 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.688 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.002 mW/g
SAR(1 g) = 0.583 mW/g; SAR(10 g) = 0.314 mW/g
Maximum value of SAR (measured) = 0.804 W/kg



0 dB = 0.804 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 25.05.2013

31 WCDMA Band II_RMC 12.2K_Front_1cm_Ch9262

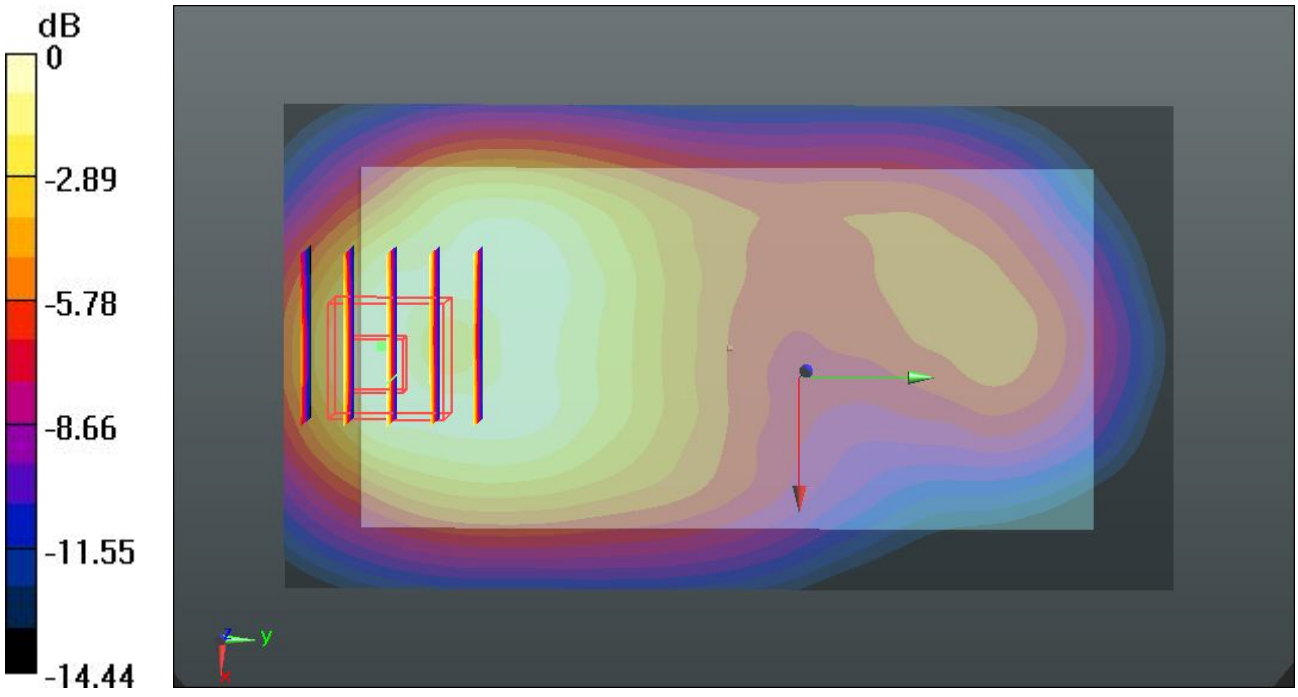
DUT: 342511

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130525 Medium parameters used: f = 1852.4 MHz; σ = 1.475 mho/m; ε_r = 54.661; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.660 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.425 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.735 mW/g
SAR(1 g) = 0.458 mW/g; SAR(10 g) = 0.267 mW/g
Maximum value of SAR (measured) = 0.611 W/kg



0 dB = 0.611 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 25.05.2013

32 WCDMA Band II_RMC 12.2K_Front_1cm_Ch9538

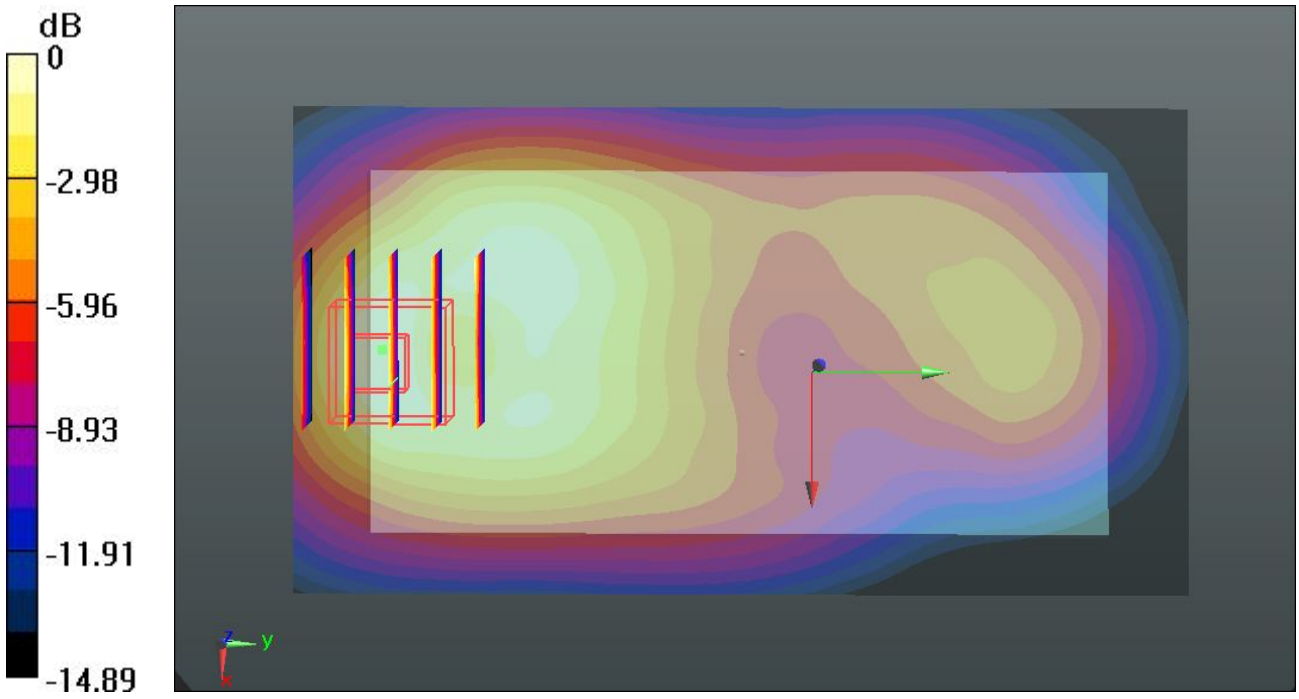
DUT: 342511

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130525 Medium parameters used: f = 1908 MHz; σ = 1.542 mho/m; ε_r = 54.552; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9538/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.818 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.569 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.913 mW/g
SAR(1 g) = 0.555 mW/g; SAR(10 g) = 0.316 mW/g
Maximum value of SAR (measured) = 0.749 W/kg



0 dB = 0.749 W/kg

33 WCDMA Band II_RMC 12.2K_Back_1cm_Ch9262

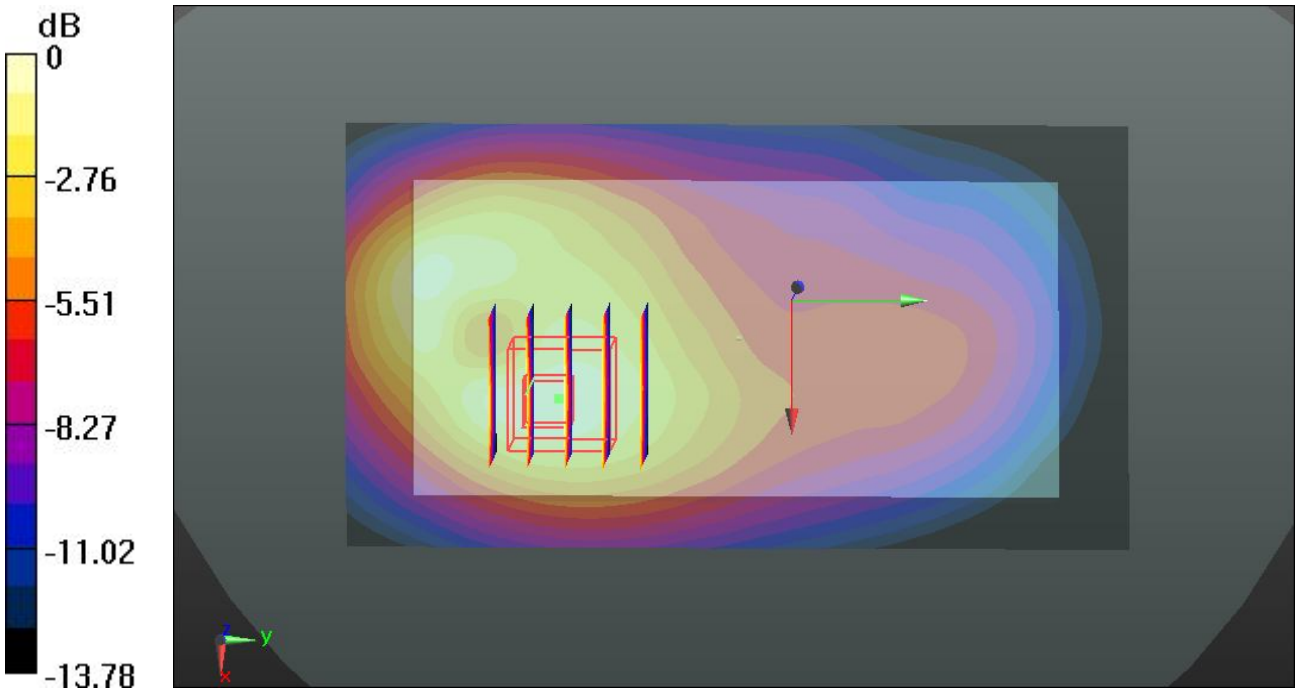
DUT: 342511

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130525 Medium parameters used: f = 1852.4 MHz; σ = 1.475 mho/m; ε_r = 54.661; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.637 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.889 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.764 mW/g
SAR(1 g) = 0.480 mW/g; SAR(10 g) = 0.284 mW/g
Maximum value of SAR (measured) = 0.621 W/kg



0 dB = 0.621 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 25.05.2013

34 WCDMA II_RMC 12.2K_Back_1cm_Ch9538

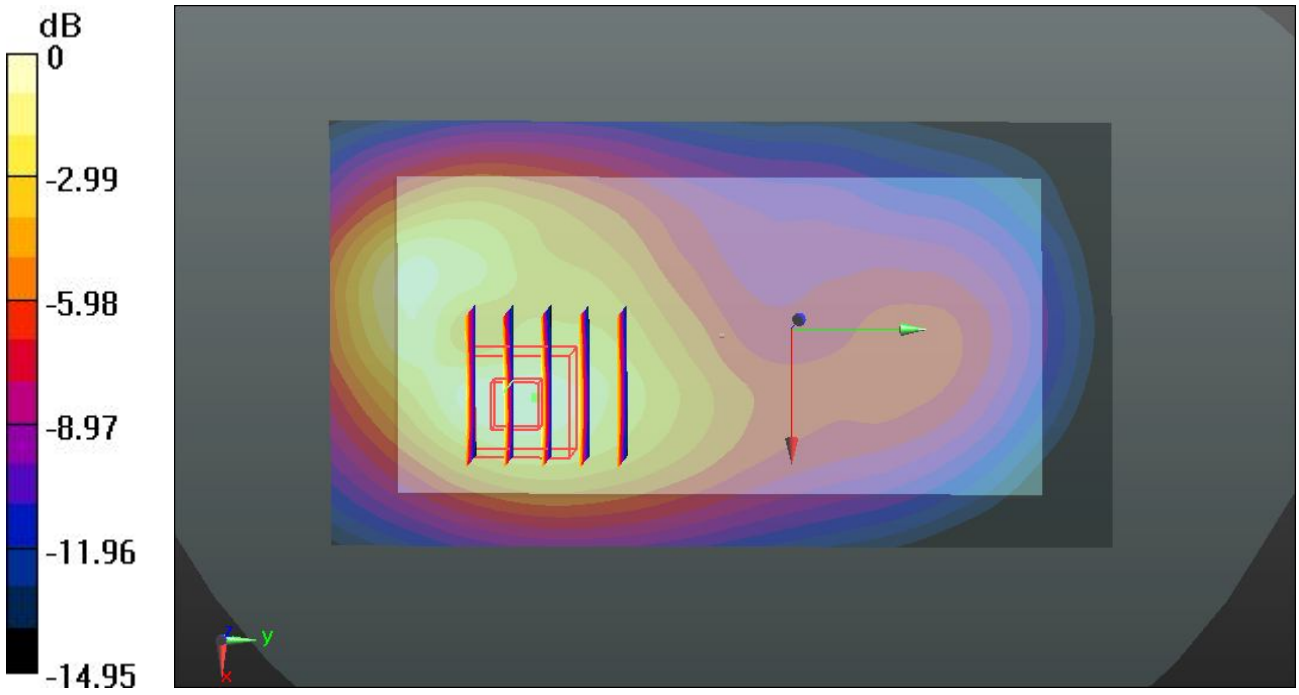
DUT: 342511

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130525 Medium parameters used: f = 1908 MHz; σ = 1.542 mho/m; ε_r = 54.552; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9538/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.815 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.249 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.045 mW/g
SAR(1 g) = 0.629 mW/g; SAR(10 g) = 0.354 mW/g
Maximum value of SAR (measured) = 0.842 W/kg



0 dB = 0.842 W/kg

35 WCDMA Band II_RMC 12.2K_Bottom Side_1cm_Ch9262

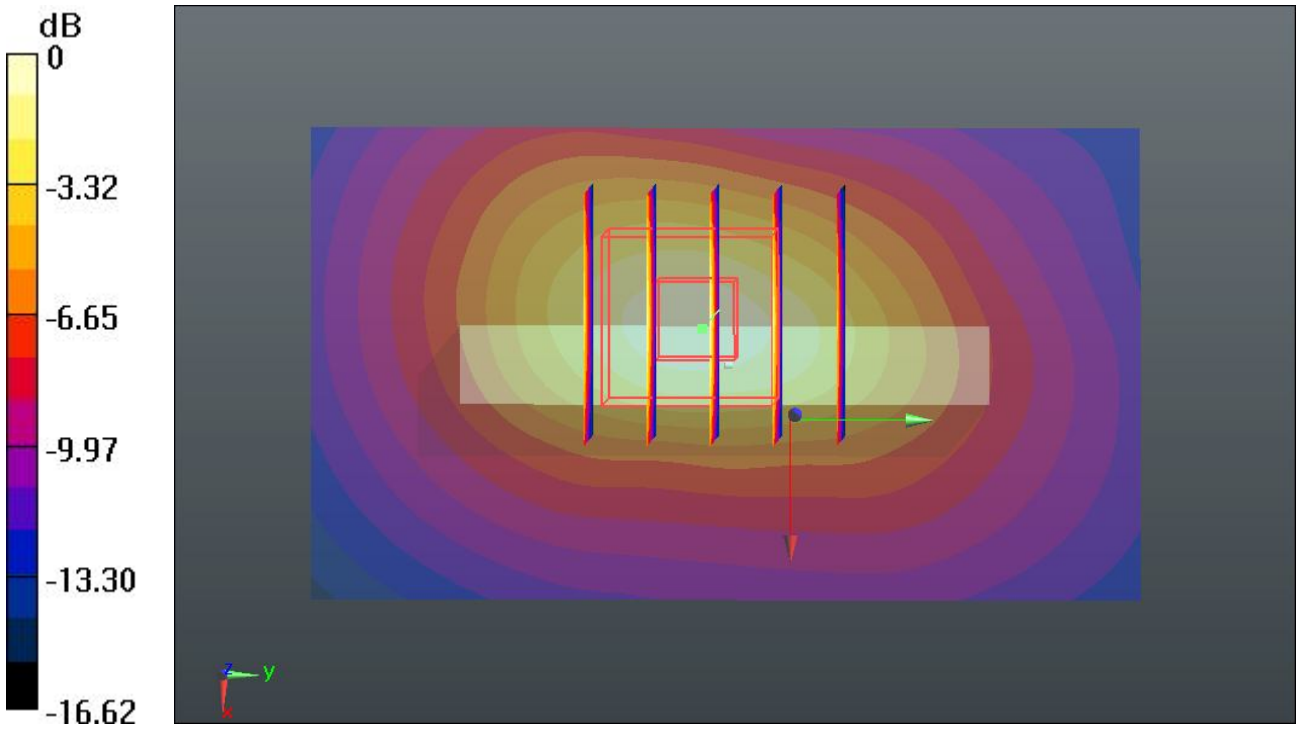
DUT: 342511

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130525 Medium parameters used: f = 1852.4 MHz; σ = 1.475 mho/m; ε_r = 54.661; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.691 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.614 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.900 mW/g
SAR(1 g) = 0.527 mW/g; SAR(10 g) = 0.285 mW/g
Maximum value of SAR (measured) = 0.730 W/kg



0 dB = 0.730 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 25.05.2013

36 WCDMA Band II_RMC 12.2K_Bottom Side_1cm_Ch9538

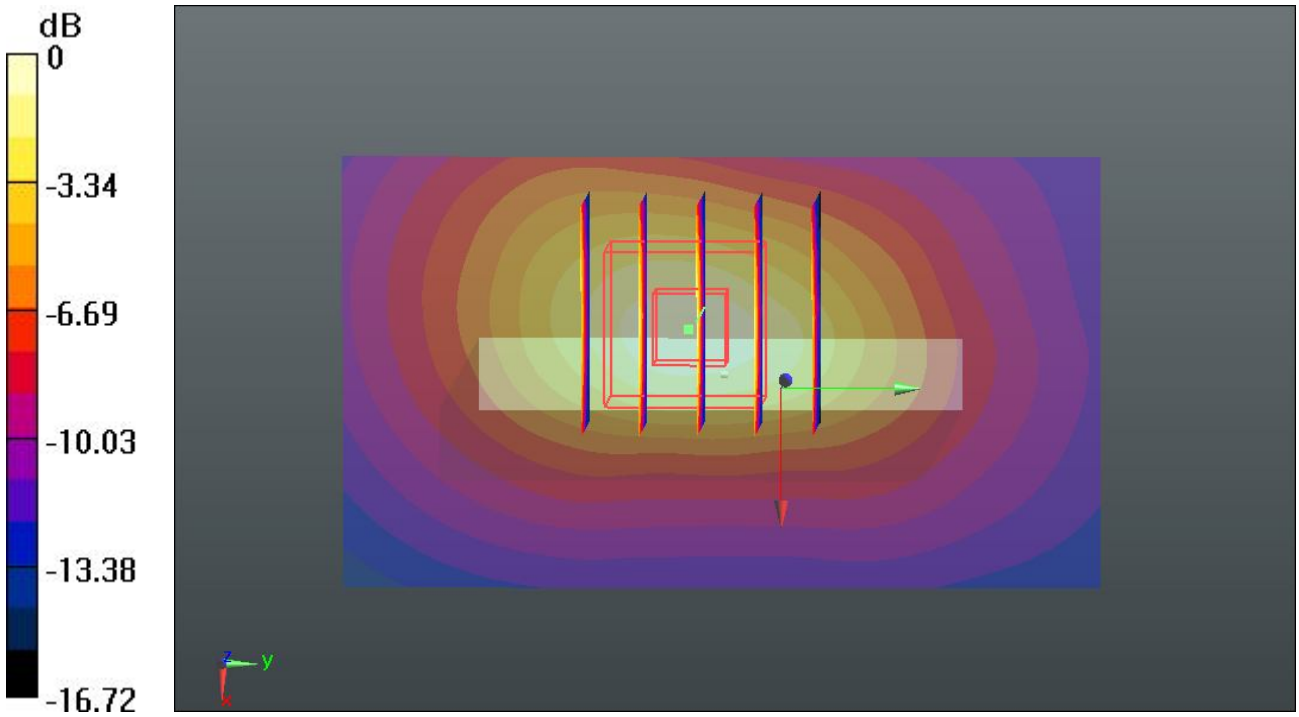
DUT: 342511

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130525 Medium parameters used: f = 1908 MHz; σ = 1.542 mho/m; ε_r = 54.552; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9538/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.688 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.970 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.883 mW/g
SAR(1 g) = 0.512 mW/g; SAR(10 g) = 0.274 mW/g
Maximum value of SAR (measured) = 0.710 W/kg



0 dB = 0.710 W/kg

69 WLAN2.4GHz_ 802.11b_Front_1cm_Ch6

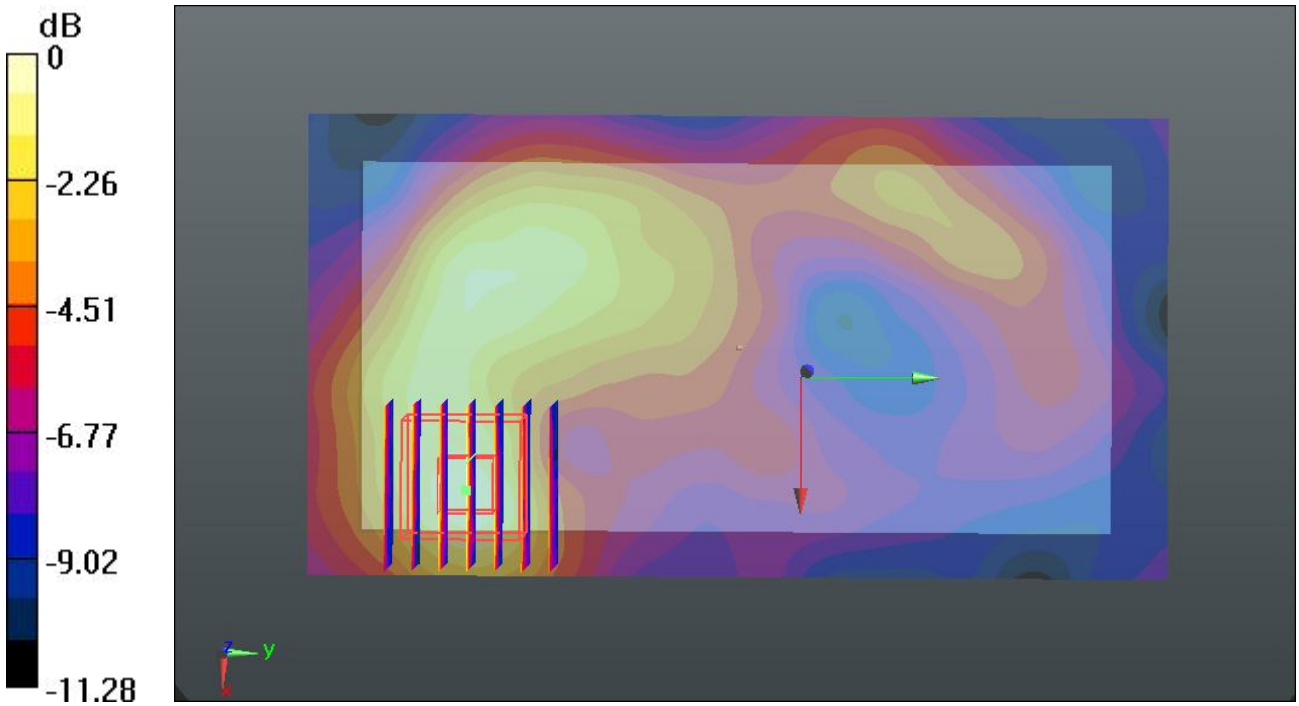
DUT: 342511

Communication System: WIFI; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130617 Medium parameters used: f = 2437 MHz; σ = 1.912 mho/m; ε_r = 54.01; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (71x131x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0312 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.146 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.046 mW/g
SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.013 mW/g
Maximum value of SAR (measured) = 0.0327 W/kg



0 dB = 0.0327 W/kg

70 WLAN2.4GHz_ 802.11b_Back_1cm_Ch6

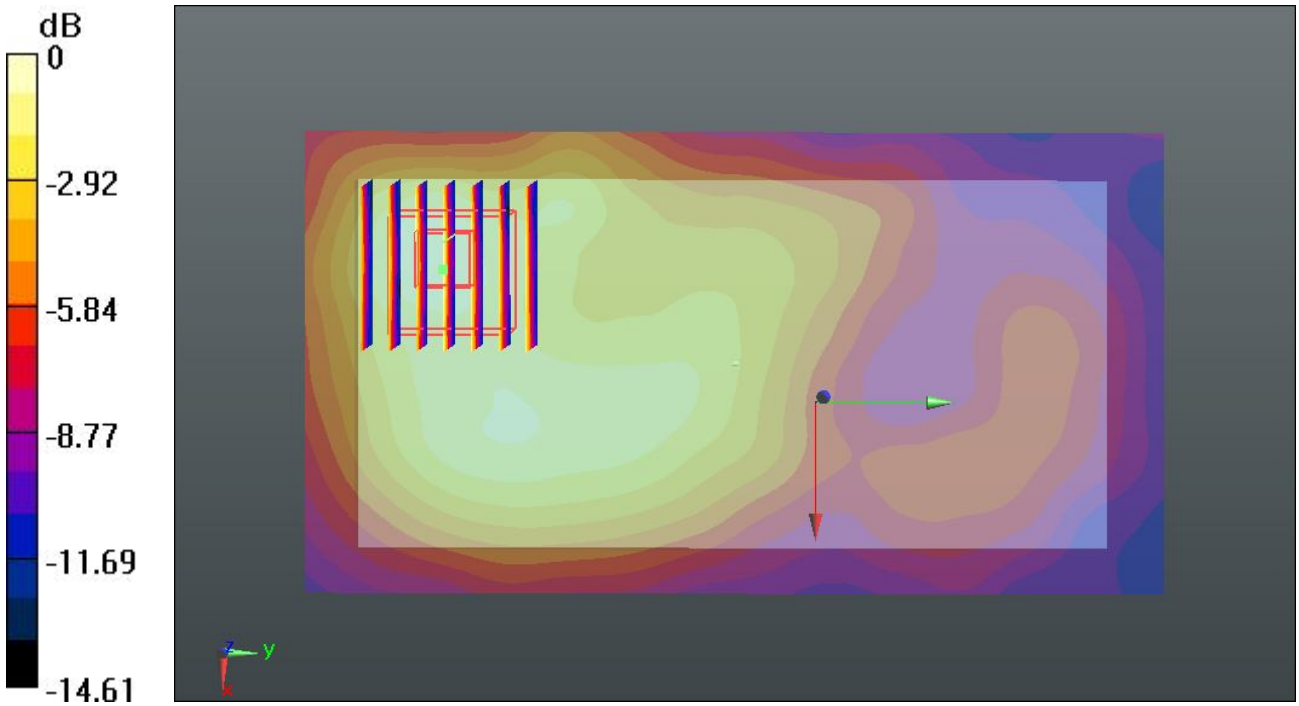
DUT: 342511

Communication System: WIFI; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130617 Medium parameters used: f = 2437 MHz; σ = 1.912 mho/m; ε_r = 54.01; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (71x131x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0699 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.880 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.088 mW/g
SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.027 mW/g
Maximum value of SAR (measured) = 0.0675 W/kg



0 dB = 0.0675 W/kg

71 WLAN2.4GHz_ 802.11b_Right Side_1cm_Ch6

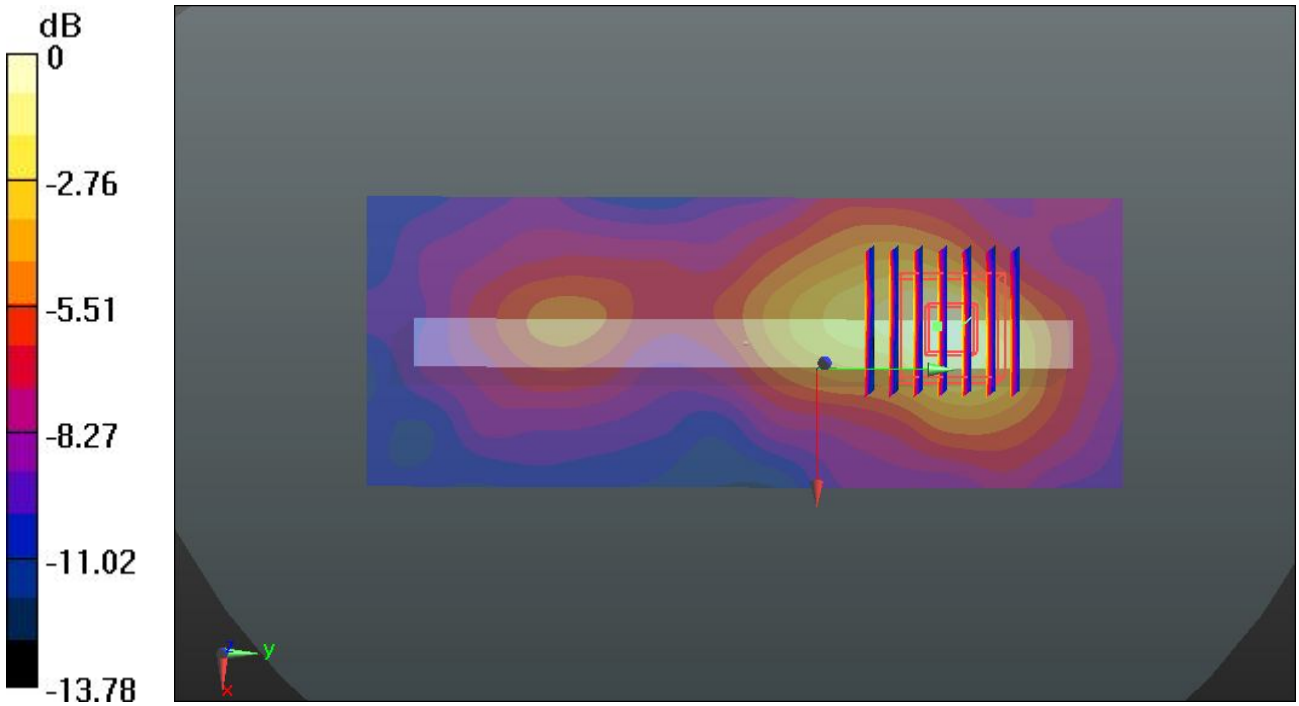
DUT: 342511

Communication System: WIFI; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130617 Medium parameters used: f = 2437 MHz; σ = 1.912 mho/m; ε_r = 54.01; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (51x131x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0602 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.610 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.084 mW/g
SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.022 mW/g
Maximum value of SAR (measured) = 0.0603 W/kg



0 dB = 0.0603 W/kg

72 WLAN2.4GHz_802.11b_Bottom Side_1cm_Ch6

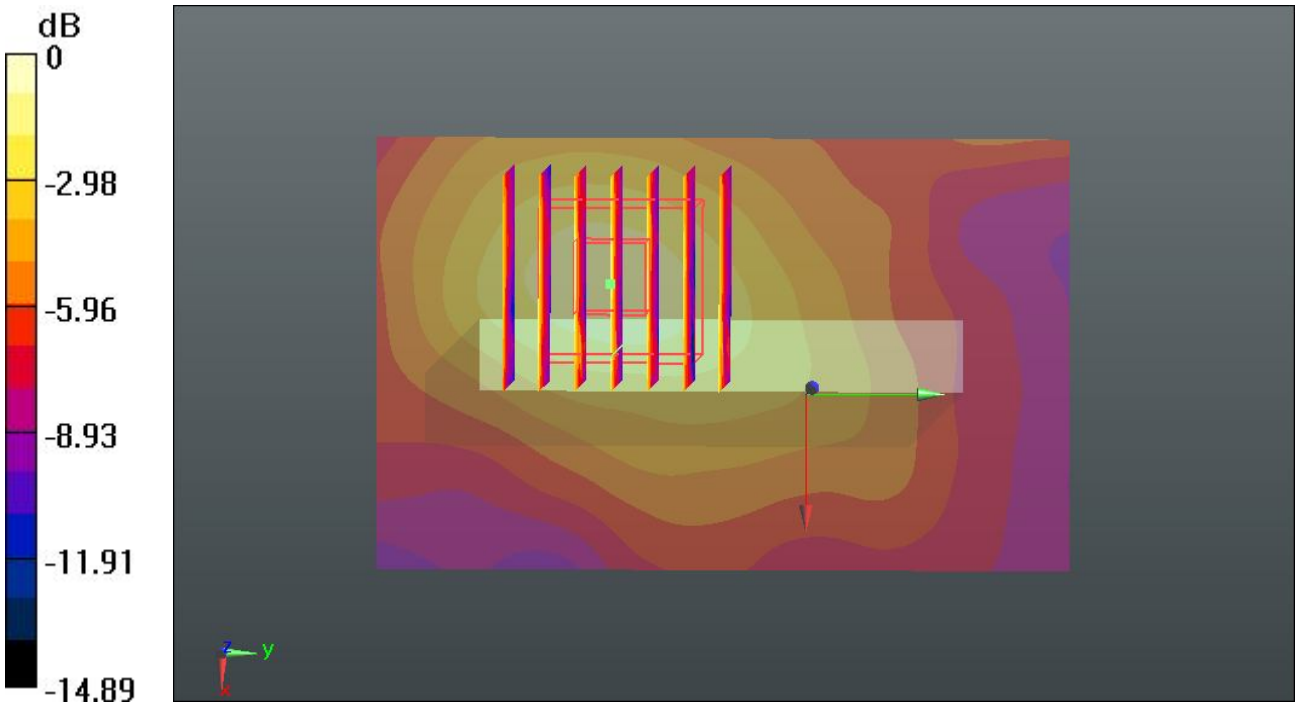
DUT: 342511

Communication System: WIFI; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130617 Medium parameters used: f = 2437 MHz; σ = 1.912 mho/m; ε_r = 54.01; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (51x81x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0279 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.886 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.052 mW/g
SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.013 mW/g
Maximum value of SAR (measured) = 0.0359 W/kg



0 dB = 0.0359 W/kg