Appendix B. Plots of SAR Measurement

The plots are shown as follows.

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 25.04.2013

53 GSM850_GSM Voice_Right Cheek_Ch251

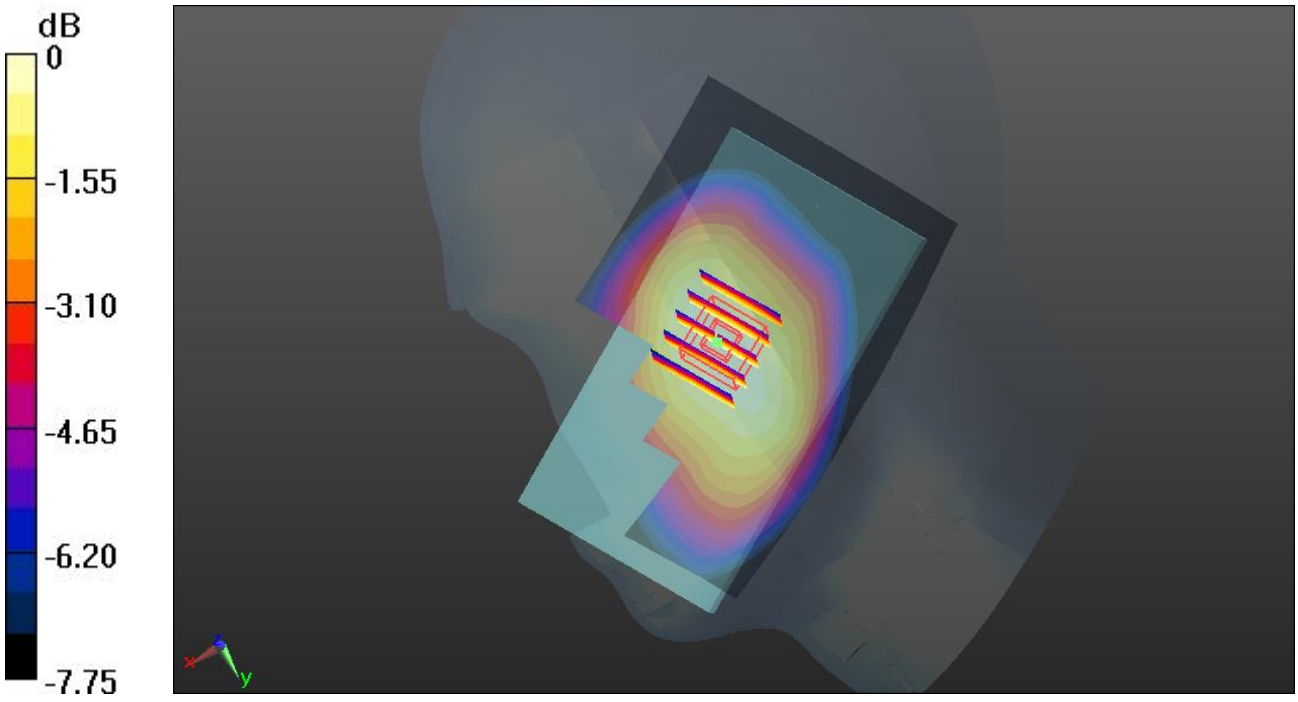
DUT: 341702

Communication System: Generic GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_130425 Medium parameters used: f = 849 MHz; σ = 0.932 mho/m; ε_r = 40.966; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.6 ℃

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)

Ch251/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.336 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.525 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.367 mW/g
SAR(1 g) = 0.302 mW/g; SAR(10 g) = 0.239 mW/g
Maximum value of SAR (measured) = 0.341 W/kg



0 dB = 0.341 W/kg

54 GSM850_GSM Voice_Right Tilted_Ch251

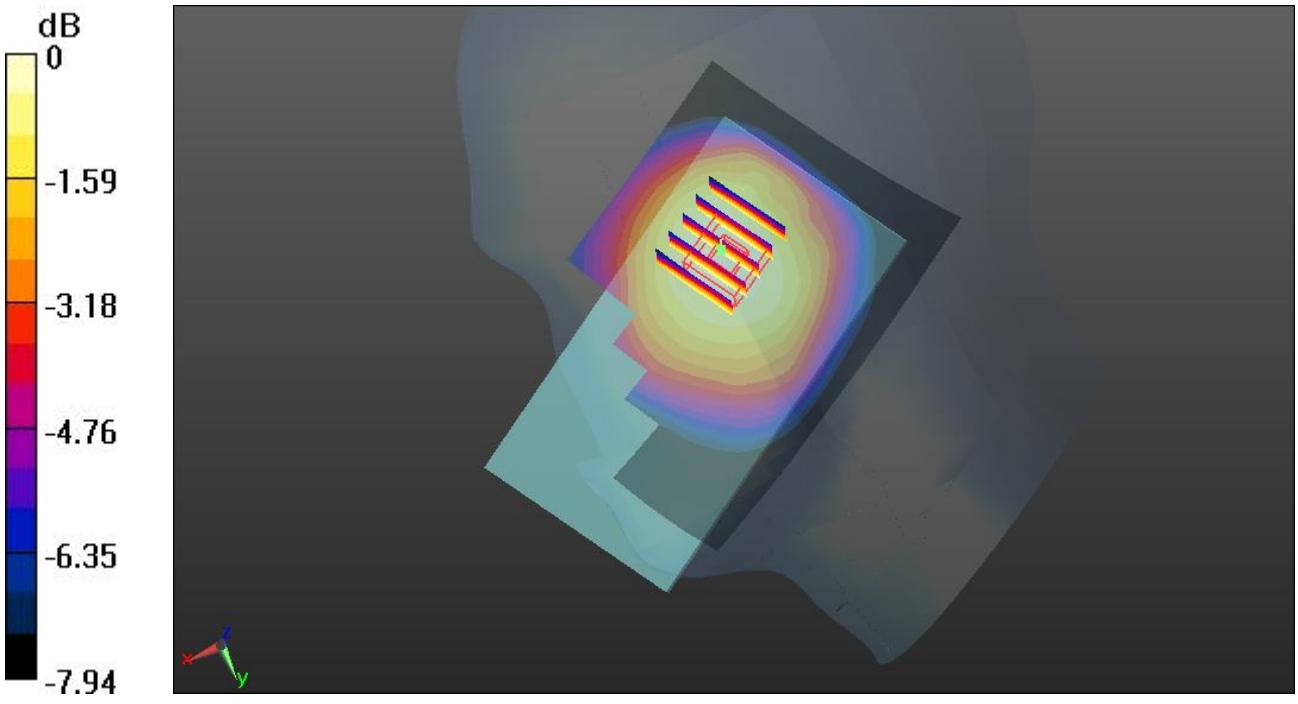
DUT: 341702

Communication System: Generic GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_130425 Medium parameters used: f = 849 MHz; σ = 0.932 mho/m; ε_r = 40.966; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.6 ℃

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)

Ch251/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.253 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.875 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.276 mW/g
SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.178 mW/g
Maximum value of SAR (measured) = 0.256 W/kg



0 dB = 0.256 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 25.04.2013

55 GSM850_GSM Voice_Left Cheek_Ch251

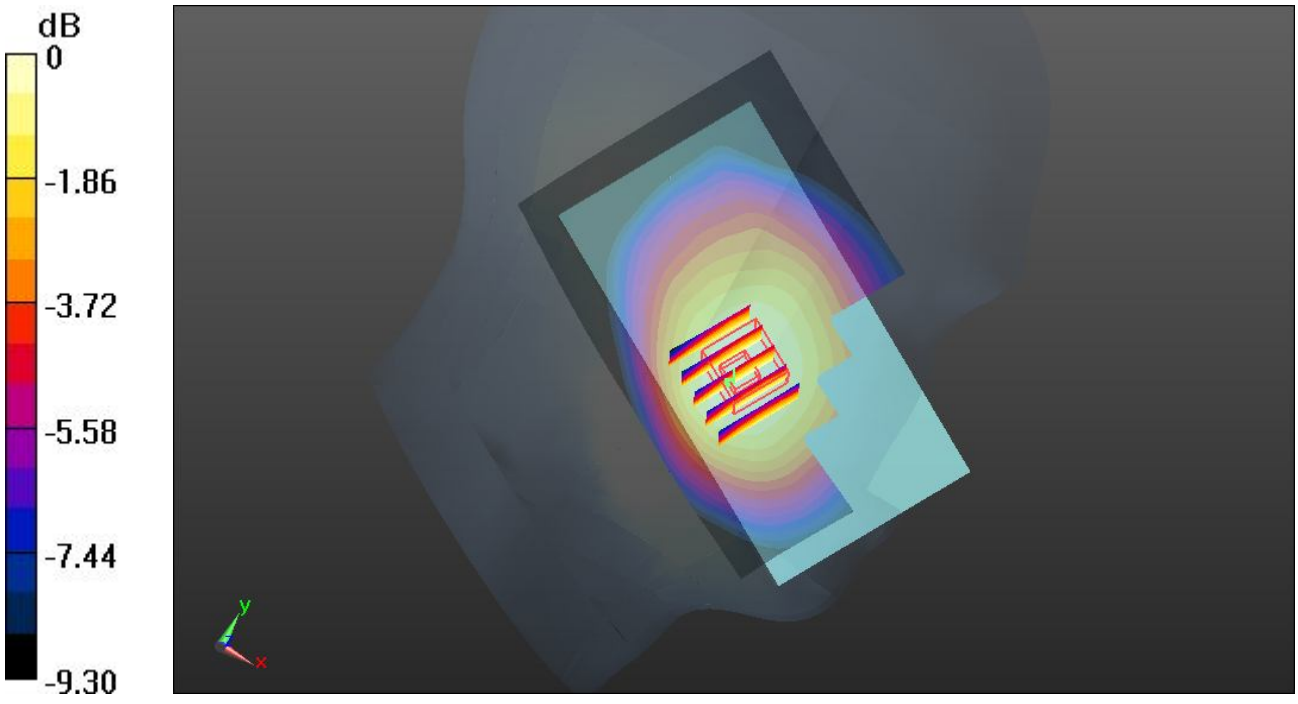
DUT: 341702

Communication System: Generic GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_130425 Medium parameters used: f = 849 MHz; σ = 0.932 mho/m; ε_r = 40.966; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.6 ℃

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)

Ch251/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.419 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.277 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.442 mW/g
SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.283 mW/g
Maximum value of SAR (measured) = 0.408 W/kg



0 dB = 0.408 W/kg

56 GSM850_GSM Voice_Left Tilted_Ch251

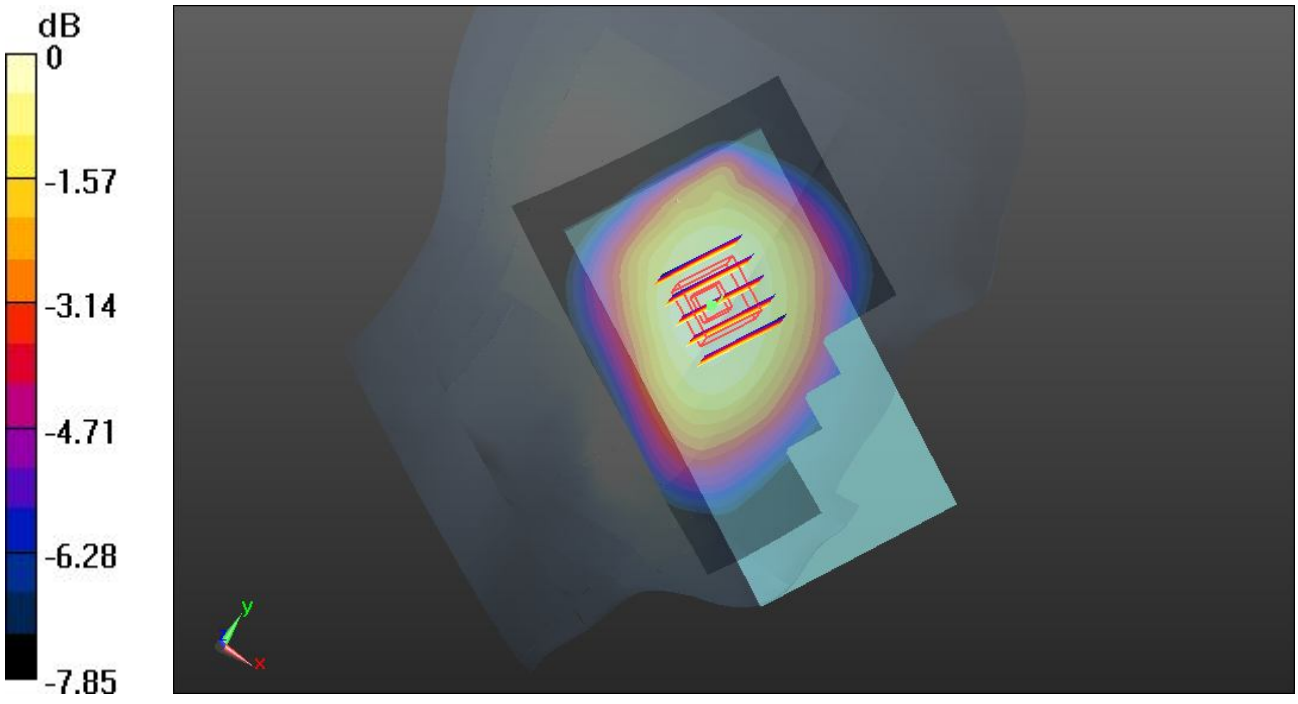
DUT: 341702

Communication System: Generic GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_130425 Medium parameters used: f = 849 MHz; σ = 0.932 mho/m; ε_r = 40.966; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.6 ℃

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)

Ch251/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.238 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.134 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.260 mW/g
SAR(1 g) = 0.212 mW/g; SAR(10 g) = 0.166 mW/g
Maximum value of SAR (measured) = 0.239 W/kg



0 dB = 0.239 W/kg

61 GSM1900_GSM Voice_Right Cheek_Ch512

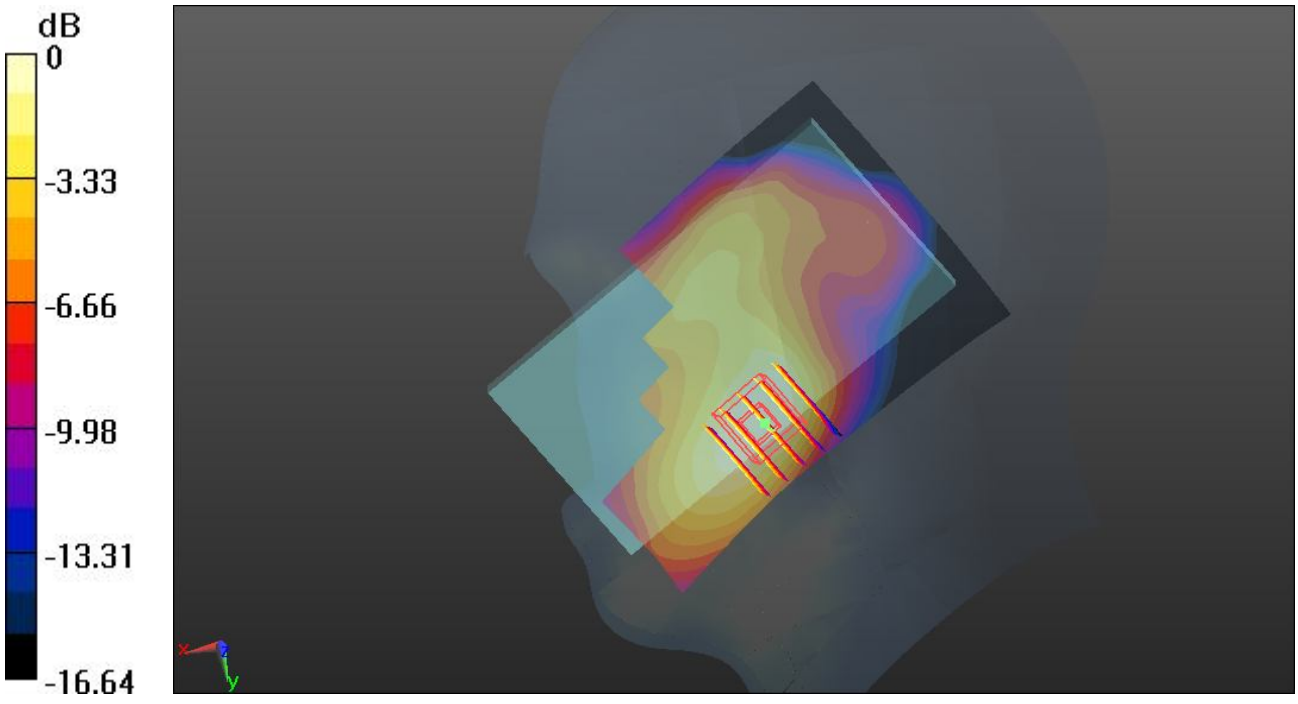
DUT: 341702

Communication System: Generic GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_130425 Medium parameters used: f = 1850.2 MHz; σ = 1.4 mho/m; ε_r = 39.279; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.8 ℃

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)

Ch512/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.247 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.892 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.269 mW/g
SAR(1 g) = 0.183 mW/g; SAR(10 g) = 0.119 mW/g
Maximum value of SAR (measured) = 0.228 W/kg



0 dB = 0.228 W/kg

62 GSM1900_GSM Voice_Right Tilted_Ch512

DUT: 341702

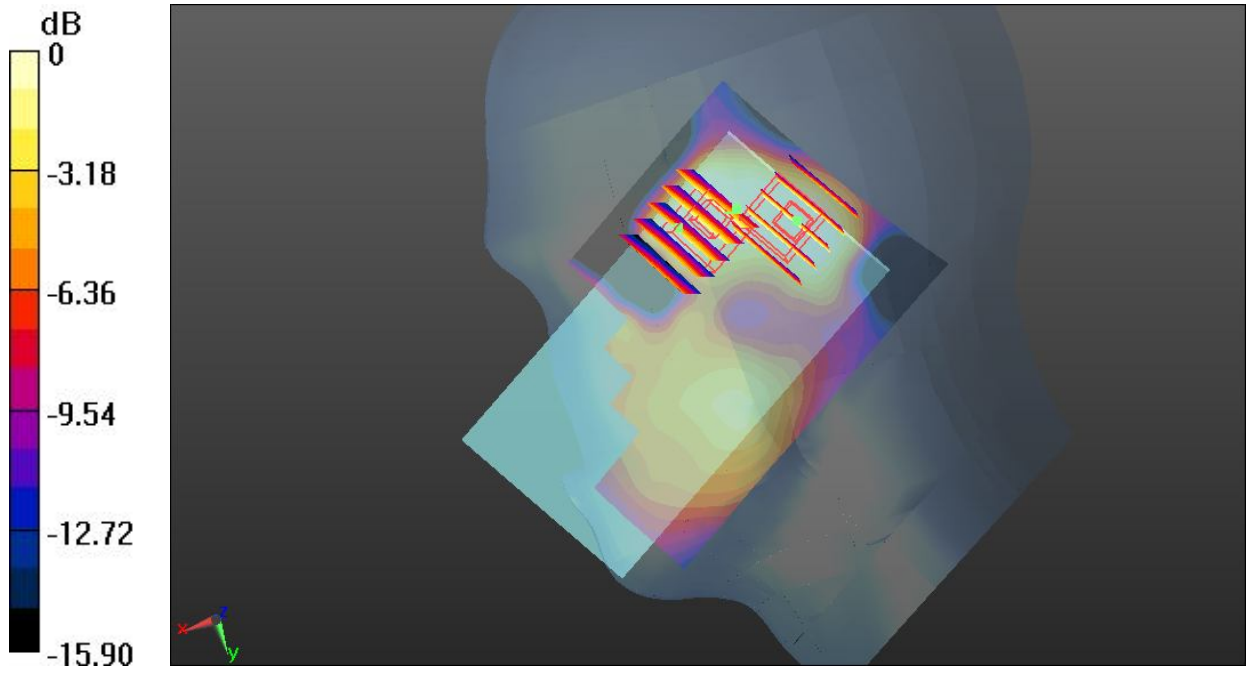
Communication System: Generic GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_130425 Medium parameters used: f = 1850.2 MHz; σ = 1.4 mho/m; ε_r = 39.279; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.8 ℃

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)

Ch512/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.134 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.492 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.126 mW/g
SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.052 mW/g
Maximum value of SAR (measured) = 0.109 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.492 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.105 mW/g
SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.038 mW/g
Maximum value of SAR (measured) = 0.0883 W/kg



0 dB = 0.0883 W/kg

63 GSM1900_GSM Voice_Left Cheek_Ch512

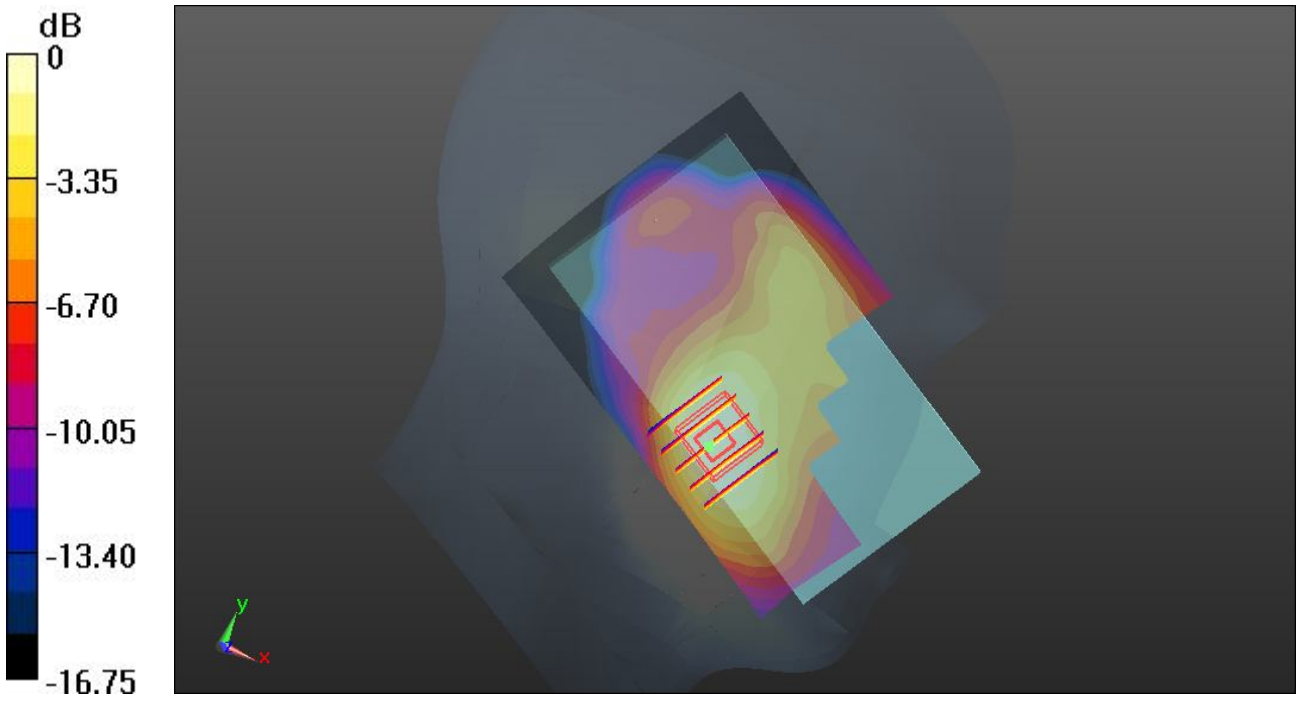
DUT: 341702

Communication System: Generic GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_130425 Medium parameters used: f = 1850.2 MHz; σ = 1.4 mho/m; ε_r = 39.279; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.8 ℃

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)

Ch512/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.266 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.721 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.294 mW/g
SAR(1 g) = 0.201 mW/g; SAR(10 g) = 0.130 mW/g
Maximum value of SAR (measured) = 0.252 W/kg



0 dB = 0.252 W/kg

64 GSM1900_GSM Voice_Left Tilted_Ch512

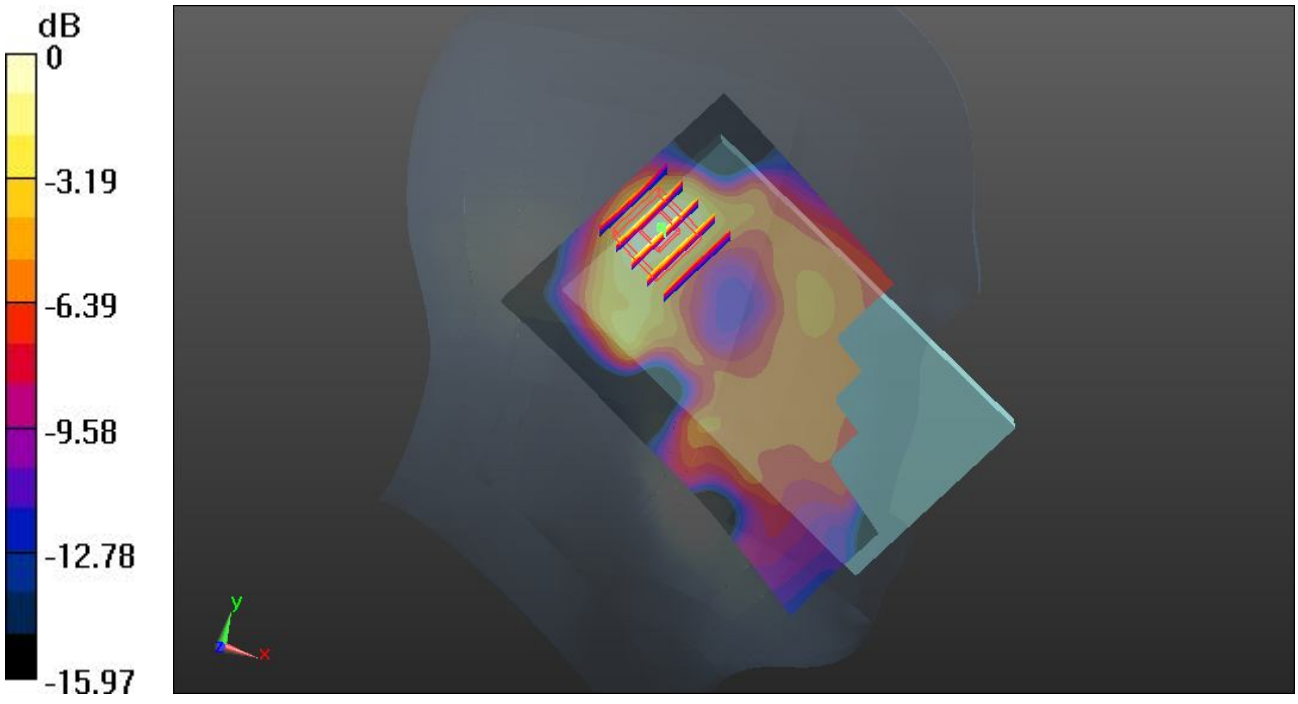
DUT: 341702

Communication System: Generic GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_130425 Medium parameters used: f = 1850.2 MHz; σ = 1.4 mho/m; ε_r = 39.279; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.8 ℃

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)

Ch512/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.131 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.751 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.152 mW/g
SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.056 mW/g
Maximum value of SAR (measured) = 0.128 W/kg



0 dB = 0.128 W/kg

57 WCDMA V_RMC 12.2K_Right Cheek_Ch4132

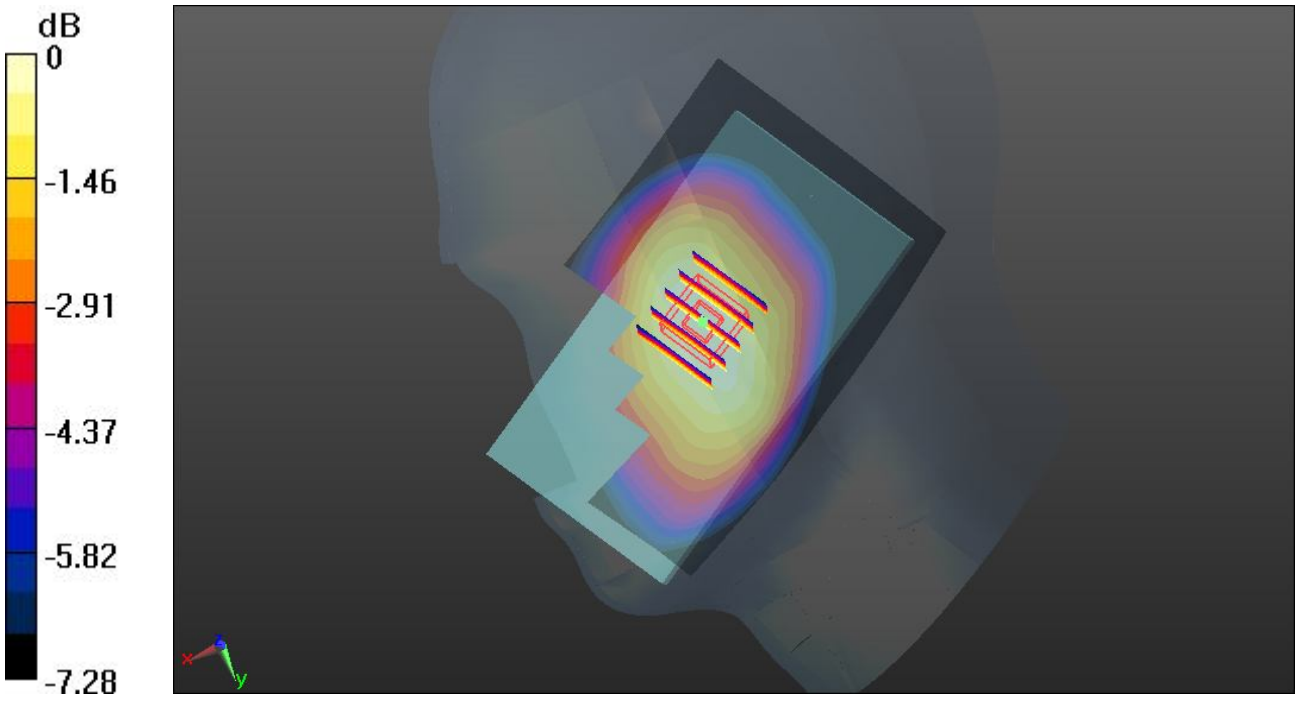
DUT: 341702

Communication System: UMTS; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_130425 Medium parameters used: f = 826.4 MHz; σ = 0.911 mho/m; ε_r = 41.248; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.6 ℃

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)

Ch4132/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.400 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.434 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.436 mW/g
SAR(1 g) = 0.359 mW/g; SAR(10 g) = 0.285 mW/g
Maximum value of SAR (measured) = 0.404 W/kg



0 dB = 0.404 W/kg

58 WCDMA V_RMC 12.2K_Right Tilted_Ch4132

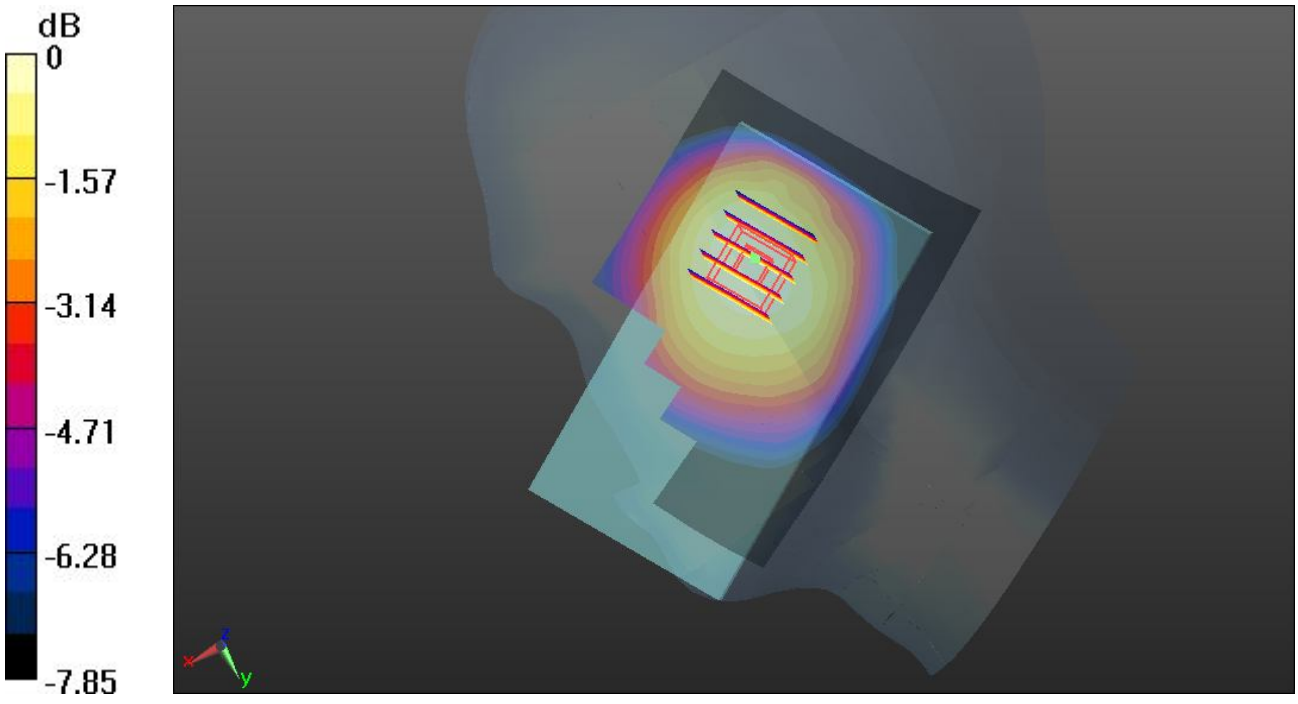
DUT: 341702

Communication System: UMTS; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_130425 Medium parameters used: f = 826.4 MHz; σ = 0.911 mho/m; ε_r = 41.248; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.6 ℃

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)

Ch4132/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.298 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.500 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.324 mW/g
SAR(1 g) = 0.266 mW/g; SAR(10 g) = 0.211 mW/g
Maximum value of SAR (measured) = 0.301 W/kg



0 dB = 0.301 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 25.04.2013

59 WCDMA V_RMC 12.2K_Left Cheek_Ch4132

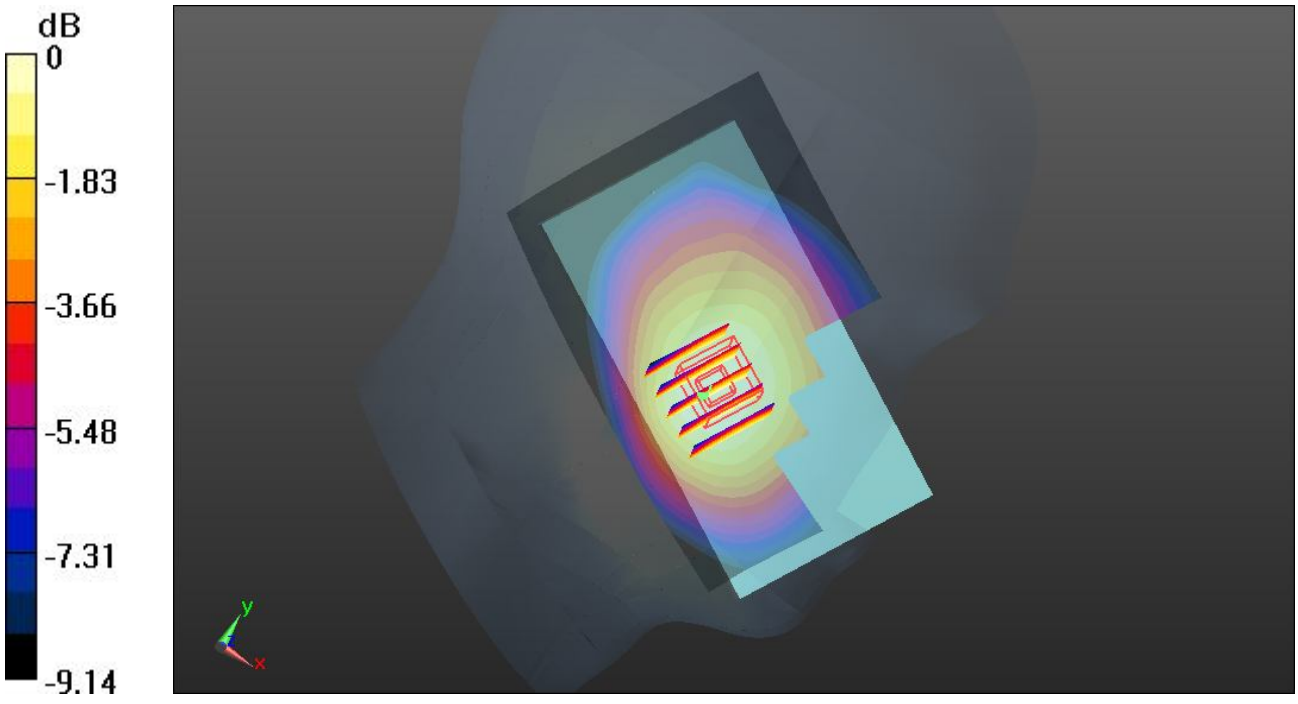
DUT: 341702

Communication System: UMTS; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_130425 Medium parameters used: f = 826.4 MHz; σ = 0.911 mho/m; ε_r = 41.248; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.6 ℃

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)

Ch4132/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.491 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.409 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.519 mW/g
SAR(1 g) = 0.426 mW/g; SAR(10 g) = 0.335 mW/g
Maximum value of SAR (measured) = 0.479 W/kg



0 dB = 0.479 W/kg

60 WCDMA V_RMC 12.2K_Left Tilted_Ch4132

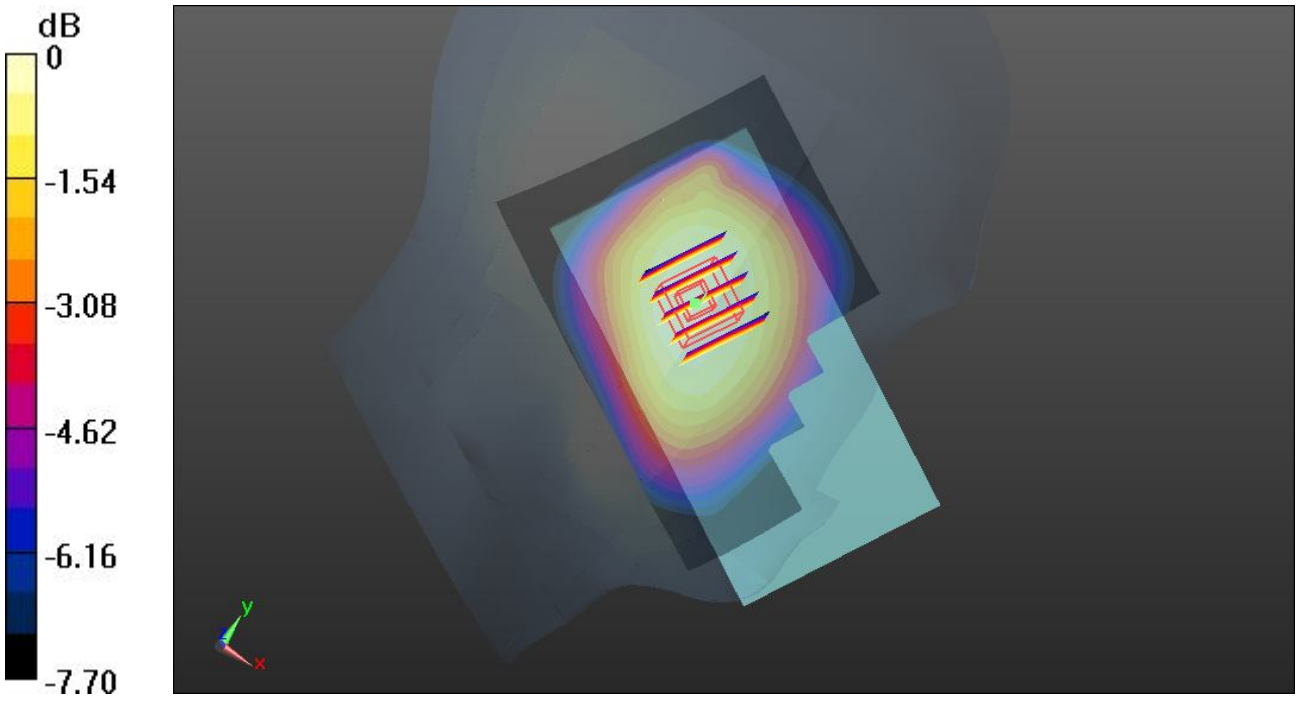
DUT: 341702

Communication System: UMTS; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_130425 Medium parameters used: f = 826.4 MHz; σ = 0.911 mho/m; ε_r = 41.248; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.6 ℃

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)

Ch4132/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.287 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.886 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.309 mW/g
SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.199 mW/g
Maximum value of SAR (measured) = 0.284 W/kg



0 dB = 0.284 W/kg

65 WCDMA II_RMC 12.2K_Right Cheek_Ch9400

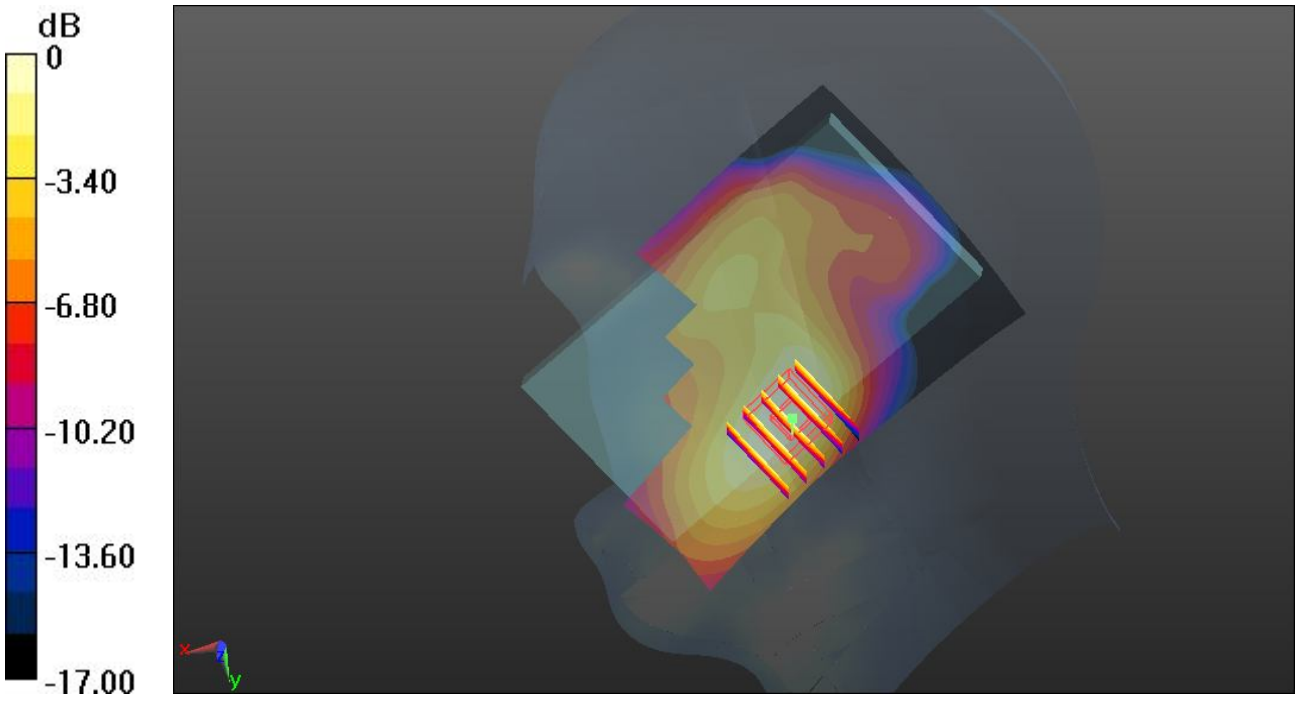
DUT: 341702

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130425 Medium parameters used: f = 1880 MHz; σ = 1.43 mho/m; ε_r = 39.169; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.8 ℃

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 (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.525 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.658 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.577 mW/g
SAR(1 g) = 0.387 mW/g; SAR(10 g) = 0.247 mW/g
Maximum value of SAR (measured) = 0.492 W/kg



0 dB = 0.492 W/kg

66 WCDMA II_RMC 12.2K_Right Tilted_Ch9400

DUT: 341702

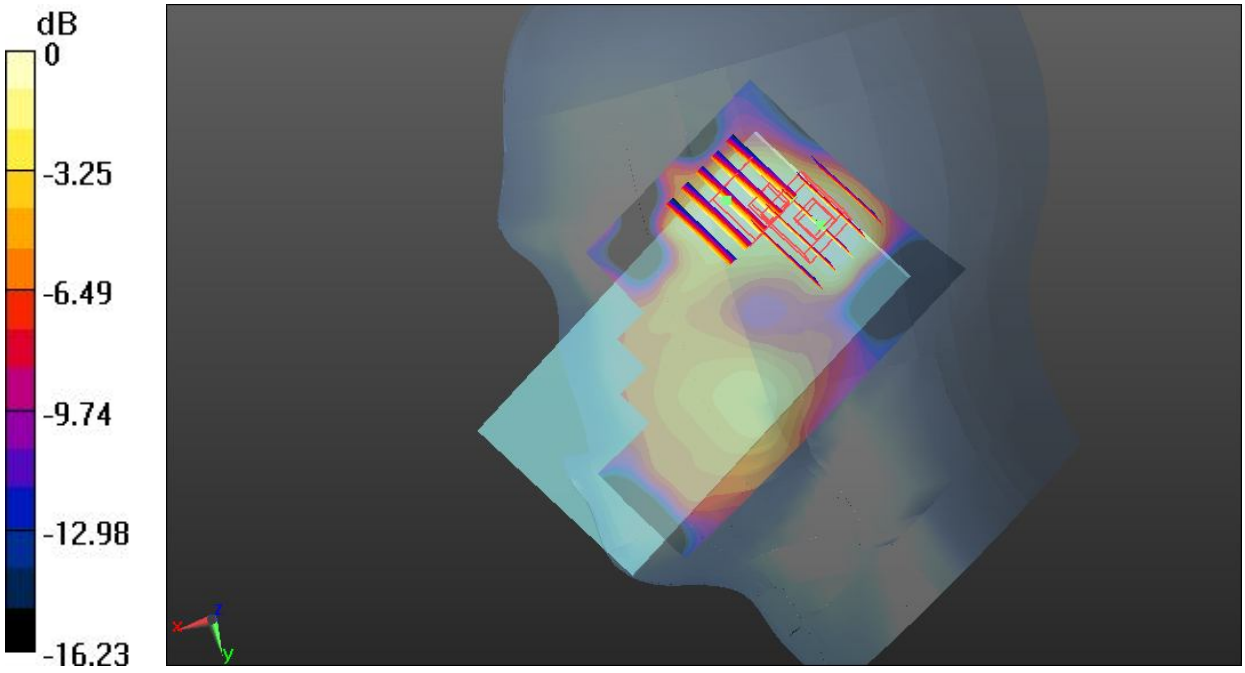
Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130425 Medium parameters used: f = 1880 MHz; σ = 1.43 mho/m; ε_r = 39.169; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.8 ℃

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 (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.250 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.059 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.280 mW/g
SAR(1 g) = 0.182 mW/g; SAR(10 g) = 0.111 mW/g
Maximum value of SAR (measured) = 0.234 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.059 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.239 mW/g
SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.101 mW/g
Maximum value of SAR (measured) = 0.209 W/kg



0 dB = 0.209 W/kg

67 WCDMA II_RMC 12.2K_Left Cheek_Ch9400

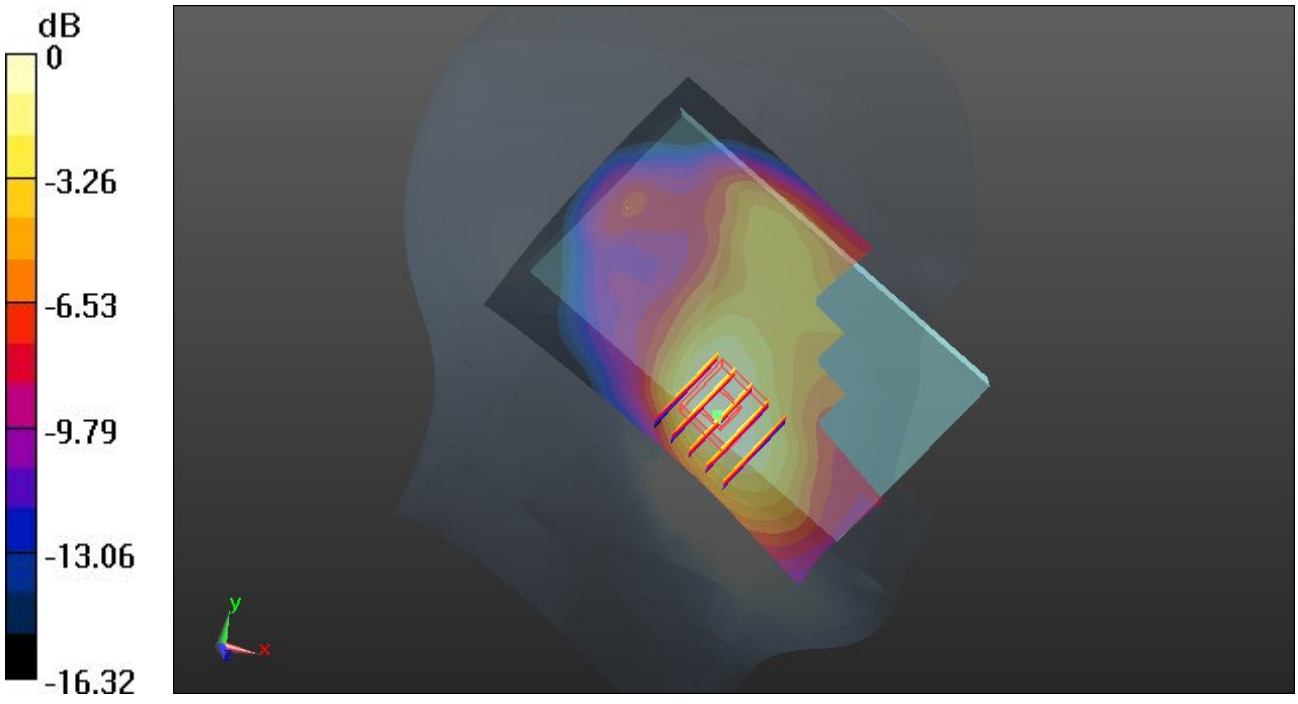
DUT: 341702

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130425 Medium parameters used: f = 1880 MHz; σ = 1.43 mho/m; ε_r = 39.169; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.8 ℃

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 (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.511 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.871 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.568 mW/g
SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.245 mW/g
Maximum value of SAR (measured) = 0.485 W/kg



0 dB = 0.485 W/kg

68 WCDMA II_RMC 12.2K_Left Tilted_Ch9400

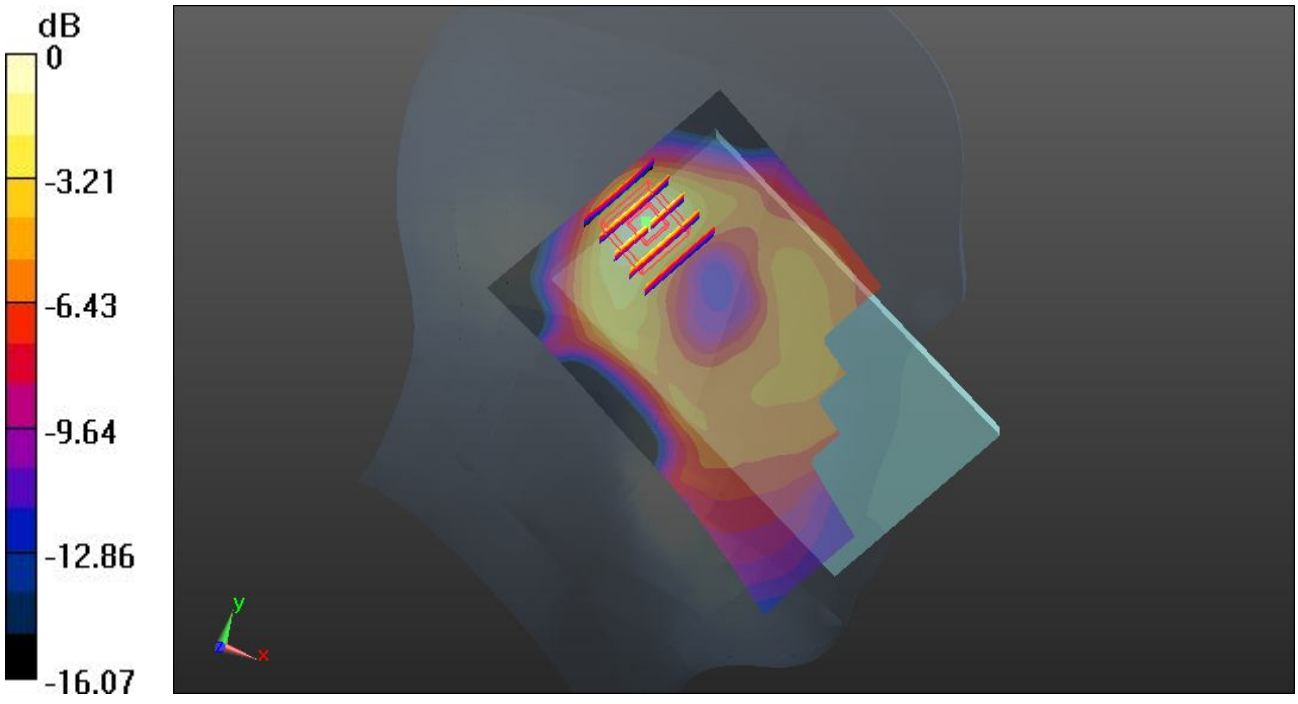
DUT: 341702

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130425 Medium parameters used: f = 1880 MHz; σ = 1.43 mho/m; ε_r = 39.169; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.8 ℃

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 (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.233 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.219 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.280 mW/g
SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.102 mW/g
Maximum value of SAR (measured) = 0.237 W/kg



0 dB = 0.237 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 02.05.2013

73 WLAN2.4G_802.11b_Right Cheek_Ch11

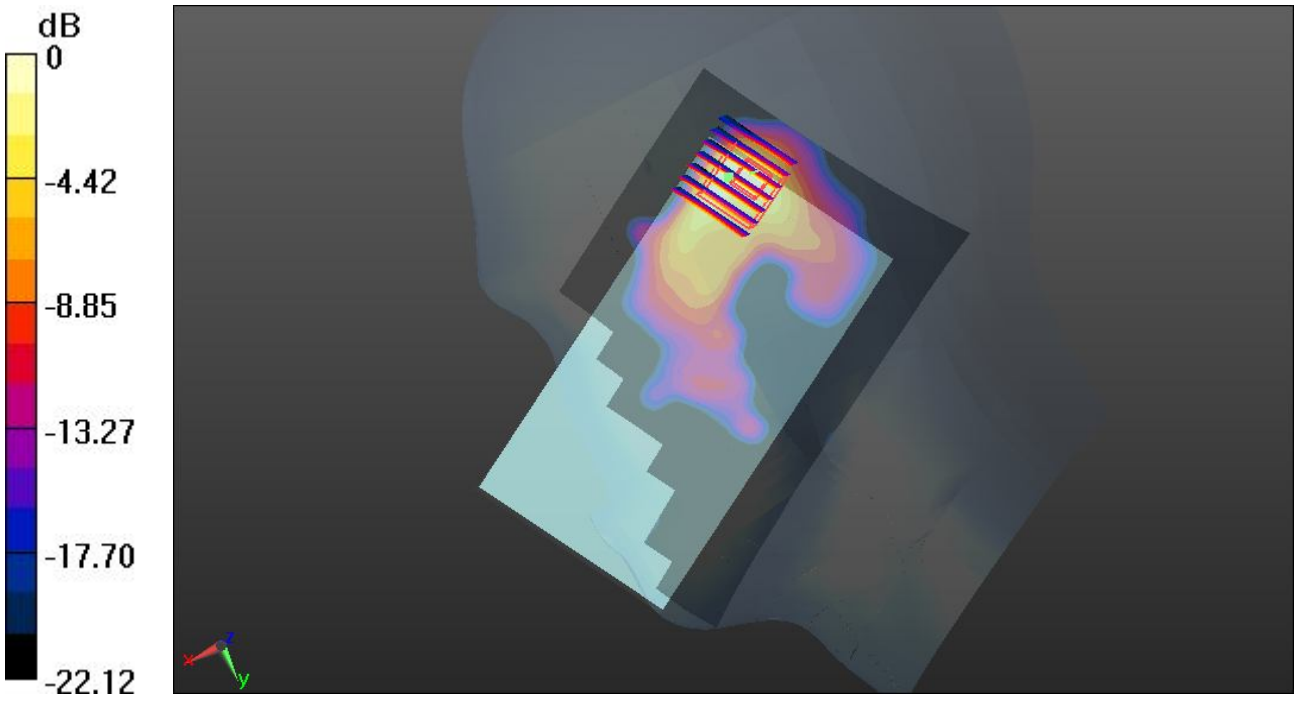
DUT: 341702

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130502 Medium parameters used: f = 2462 MHz; σ = 1.874 mho/m; ε_r = 39.532; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (91x151x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.471 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.991 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.470 mW/g
SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.078 mW/g
Maximum value of SAR (measured) = 0.310 W/kg



0 dB = 0.310 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 02.05.2013

74 WLAN2.4G_802.11b_Right Tilted_Ch11

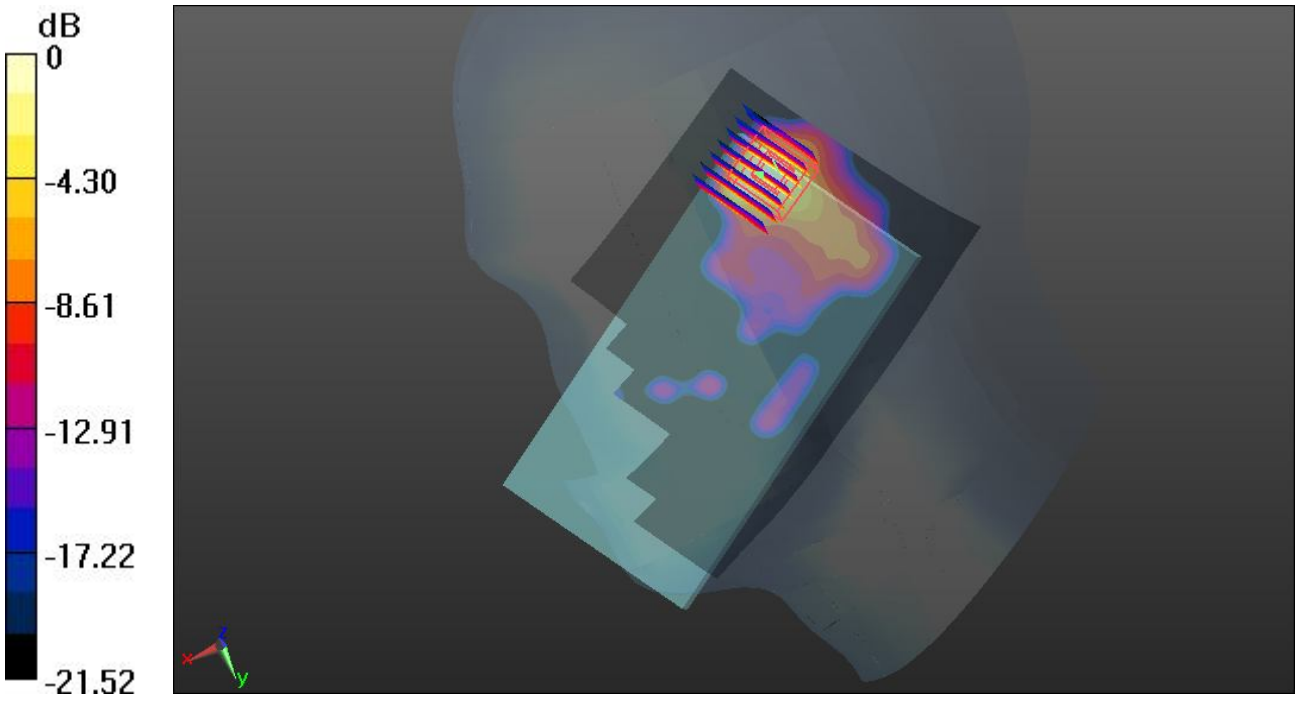
DUT: 341702

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130502 Medium parameters used: f = 2462 MHz; σ = 1.874 mho/m; ε_r = 39.532; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (91x151x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.329 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.002 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.358 mW/g
SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.060 mW/g
Maximum value of SAR (measured) = 0.240 W/kg



0 dB = 0.240 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 02.05.2013

75 WLAN2.4G_802.11b_Left Cheek_Ch11

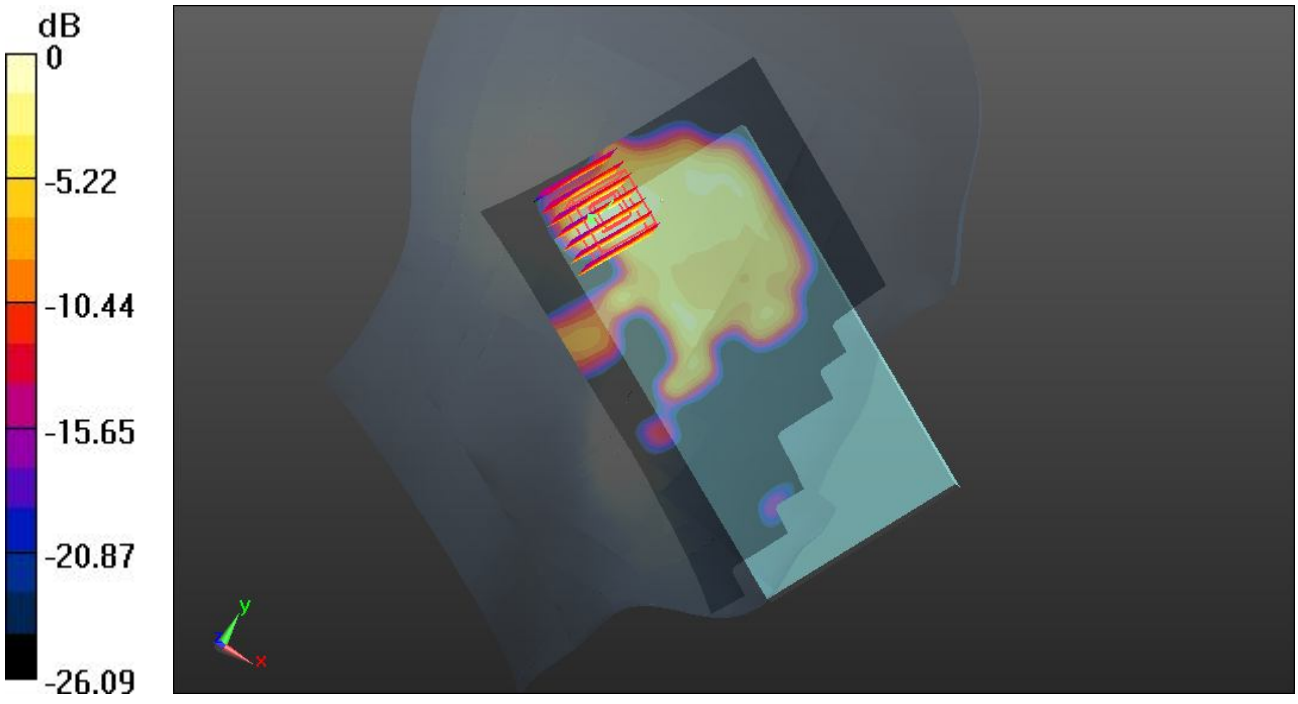
DUT: 341702

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130502 Medium parameters used: f = 2462 MHz; σ = 1.874 mho/m; ε_r = 39.532; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (91x151x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.147 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.007 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.126 mW/g
SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.028 mW/g
Maximum value of SAR (measured) = 0.0925 W/kg



0 dB = 0.0925 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 02.05.2013

76 WLAN2.4G_802.11b_Left Tilted_Ch11

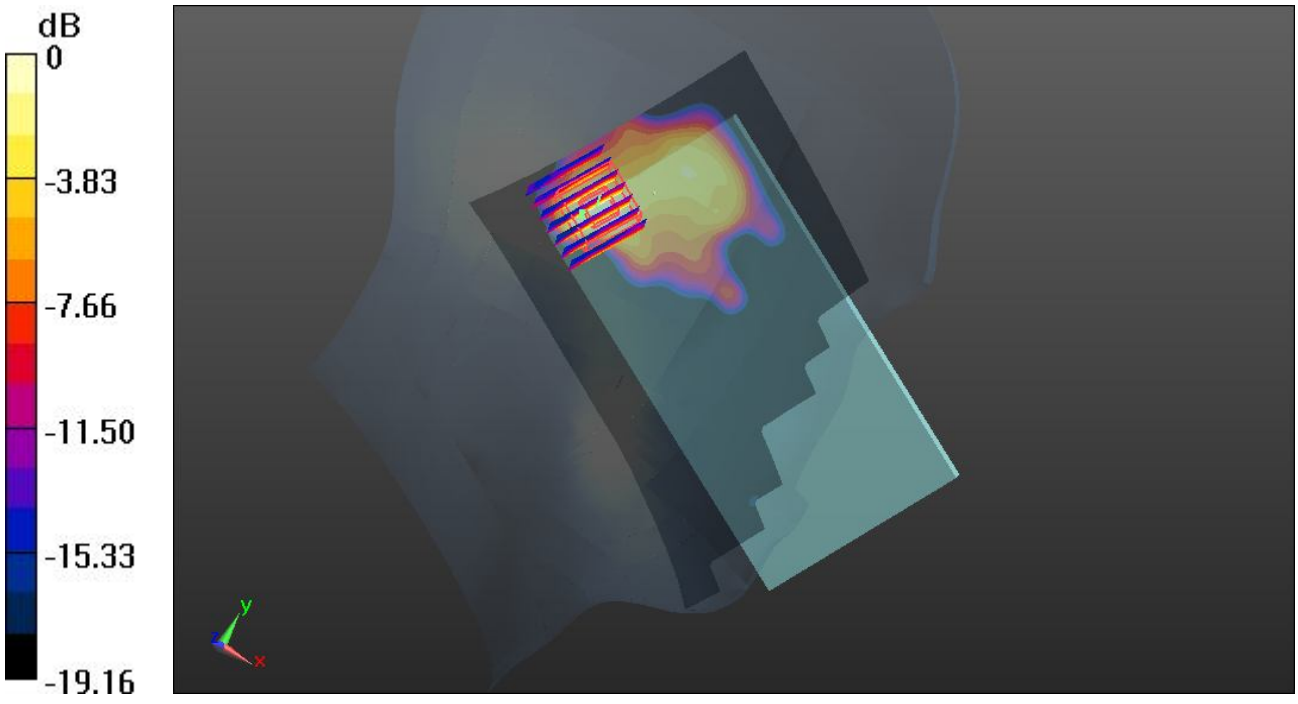
DUT: 341702

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130502 Medium parameters used: f = 2462 MHz; σ = 1.874 mho/m; ε_r = 39.532; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (91x151x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.122 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.814 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.117 mW/g
SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.026 mW/g
Maximum value of SAR (measured) = 0.0868 W/kg



0 dB = 0.0868 W/kg

77 BT_Right Cheek_Ch39

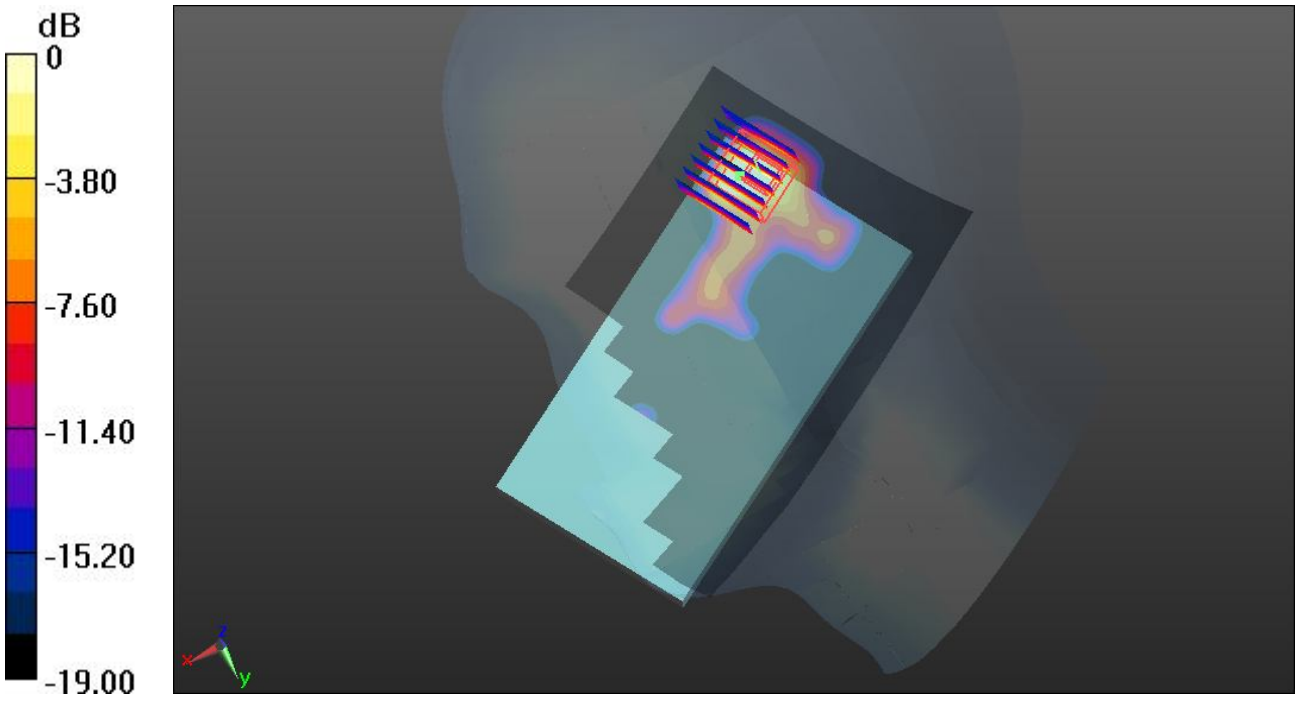
DUT: 341702

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:3.15
Medium: HSL_2450_130502 Medium parameters used: f = 2441 MHz; σ = 1.851 mho/m; ε_r = 39.608; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch39/Area Scan (91x151x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.186 W/kg

Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.072 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.161 mW/g
SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.026 mW/g
Maximum value of SAR (measured) = 0.106 W/kg



0 dB = 0.106 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 02.05.2013

78 BT_Right Tilted_Ch39

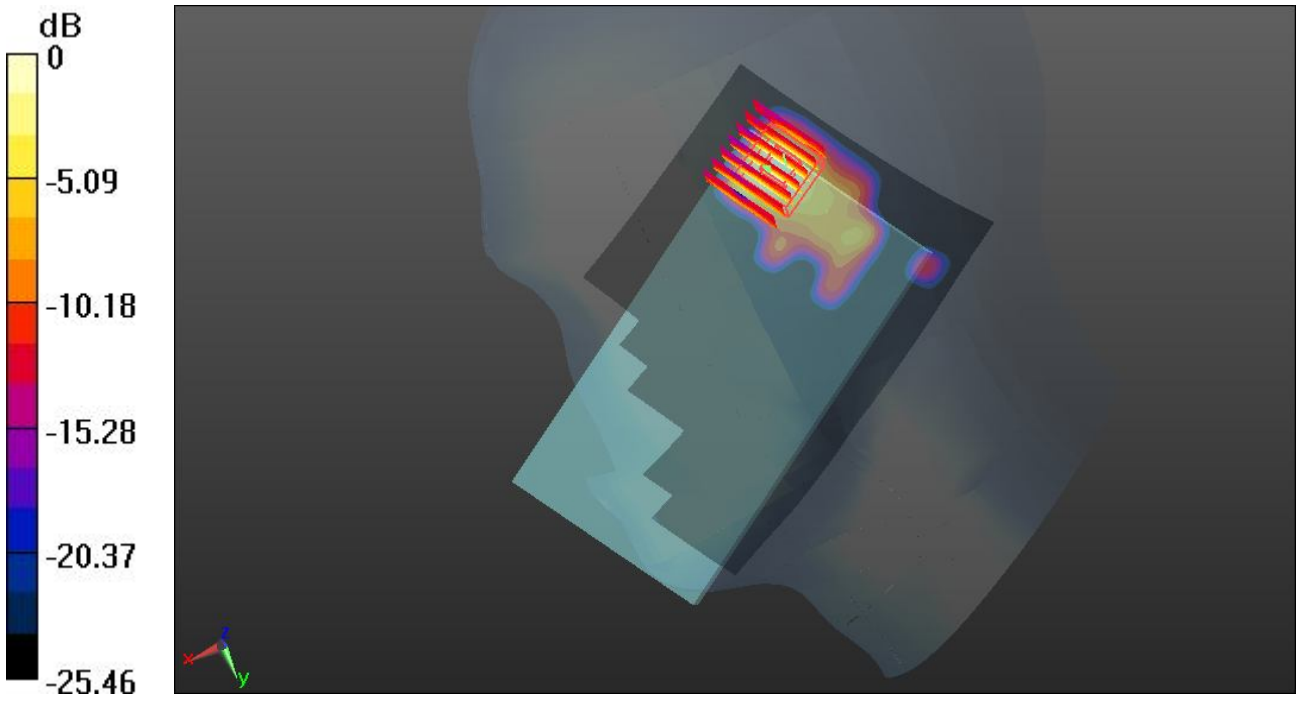
DUT: 341702

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:3.15
Medium: HSL_2450_130502 Medium parameters used: f = 2441 MHz; σ = 1.851 mho/m; ε_r = 39.608; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch39/Area Scan (91x151x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.131 W/kg

Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.106 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.109 mW/g
SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.020 mW/g
Maximum value of SAR (measured) = 0.0735 W/kg



0 dB = 0.0735 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 02.05.2013

79 BT_Left Cheek_Ch39

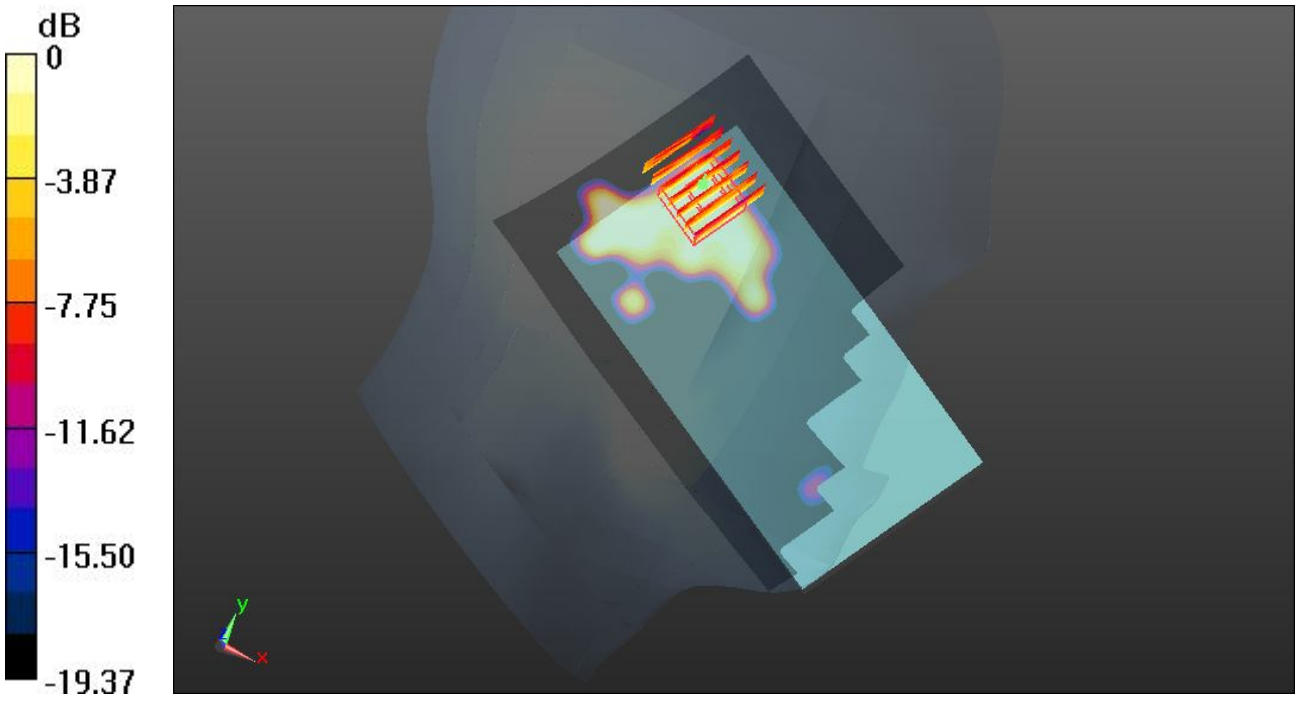
DUT: 341702

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:3.15
Medium: HSL_2450_130502 Medium parameters used: f = 2441 MHz; σ = 1.851 mho/m; ε_r = 39.608; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch39/Area Scan (91x151x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0663 W/kg

Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.195 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.021 mW/g
SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00609 mW/g
Maximum value of SAR (measured) = 0.0178 W/kg



0 dB = 0.0178 W/kg

80 BT_Left Tilted_Ch39

DUT: 341702

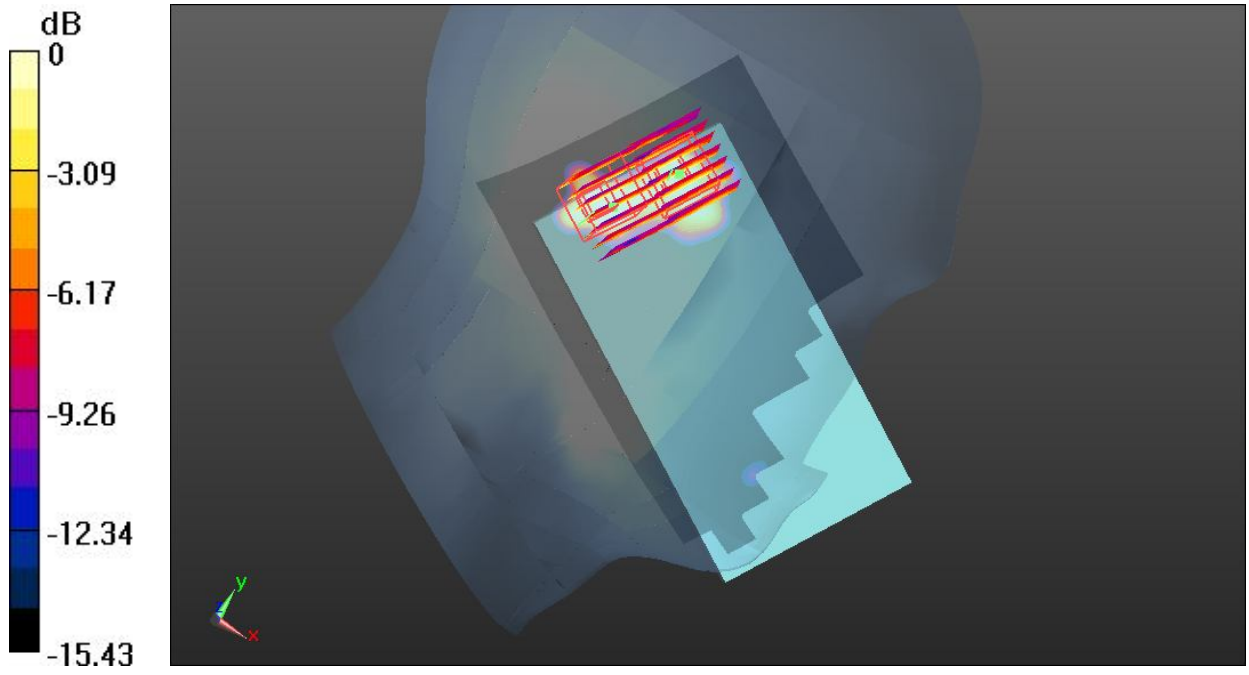
Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:3.15
Medium: HSL_2450_130502 Medium parameters used: f = 2441 MHz; σ = 1.851 mho/m; ε_r = 39.608; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch39/Area Scan (91x151x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0354 W/kg

Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.175 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.072 mW/g
SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00598 mW/g
Maximum value of SAR (measured) = 0.0356 W/kg

Ch39/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.175 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.035 mW/g
SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00584 mW/g
Maximum value of SAR (measured) = 0.0171 W/kg



0 dB = 0.0171 W/kg

01 GSM850_GPRS(3 Tx slots)_Front_1cm_Ch251

DUT: 341702

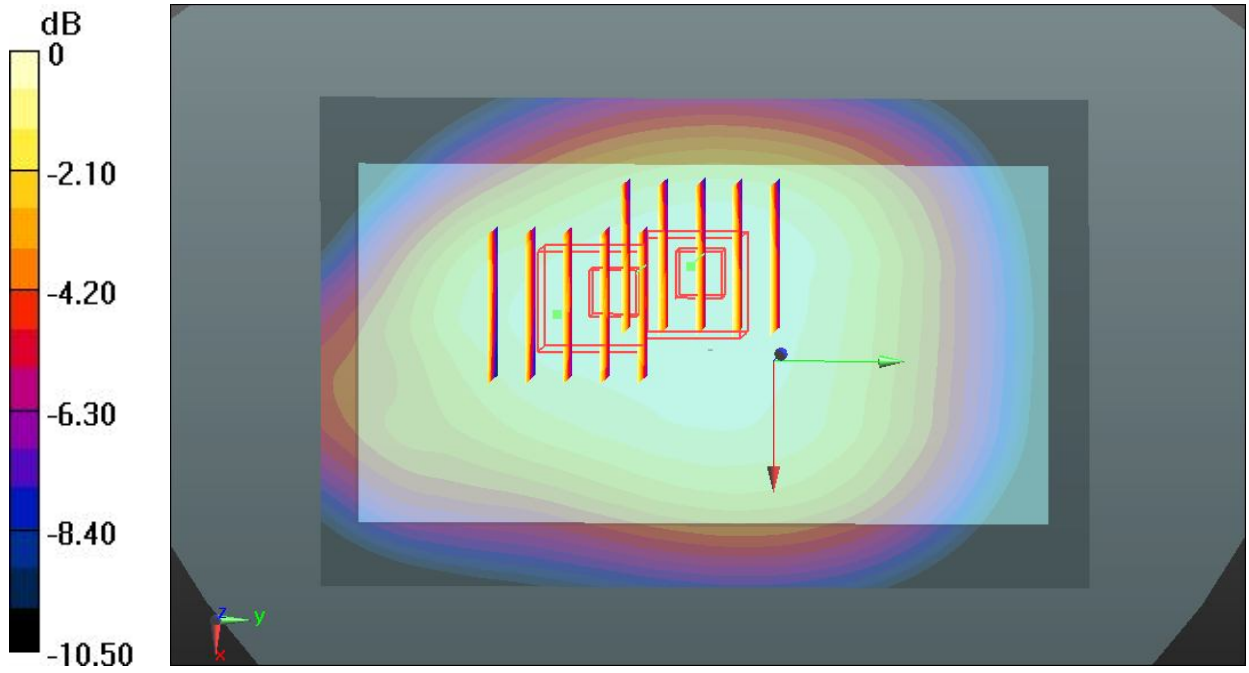
Communication System: GPRS/EDGE11; Frequency: 848.8 MHz;Duty Cycle: 1:2.7
Medium: MSL_835_130421 Medium parameters used: f = 849 MHz; σ = 0.981 mho/m; ε_r = 57.335; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

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)

Ch251/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.02 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.167 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.135 mW/g
SAR(1 g) = 0.897 mW/g; SAR(10 g) = 0.695 mW/g
Maximum value of SAR (measured) = 1.03 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.167 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.079 mW/g
SAR(1 g) = 0.851 mW/g; SAR(10 g) = 0.656 mW/g
Maximum value of SAR (measured) = 0.985 W/kg



0 dB = 0.985 W/kg

02 GSM850_GPRS(3 Tx slots)_Back_1cm_Ch251

DUT: 341702

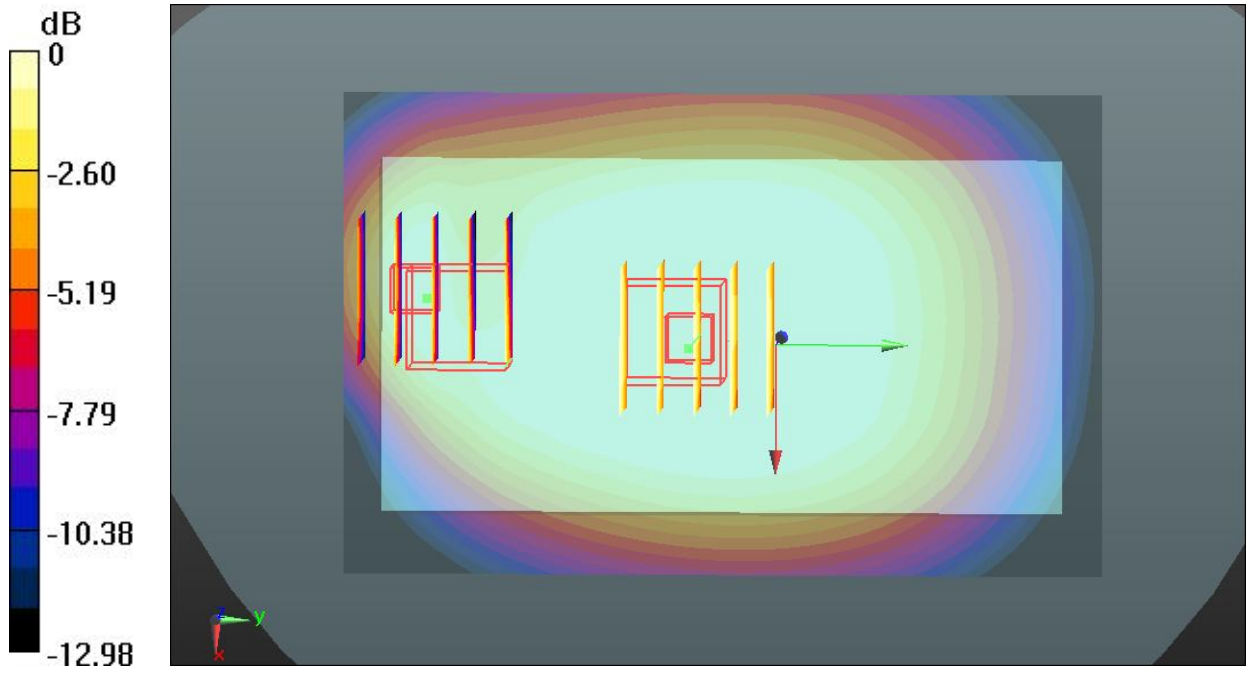
Communication System: GPRS/EDGE11; Frequency: 848.8 MHz;Duty Cycle: 1:2.7
Medium: MSL_835_130421 Medium parameters used: f = 849 MHz; σ = 0.981 mho/m; ε_r = 57.335; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

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)

Ch251/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.24 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 36.463 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.360 mW/g
SAR(1 g) = 1.090 mW/g; SAR(10 g) = 0.852 mW/g
Maximum value of SAR (measured) = 1.25 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 36.463 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.065 mW/g
SAR(1 g) = 0.675 mW/g; SAR(10 g) = 0.432 mW/g
Maximum value of SAR (measured) = 0.887 W/kg



0 dB = 0.887 W/kg

03 GSM850_GPRS(3 Tx slots)_Left Side_1cm_Ch251

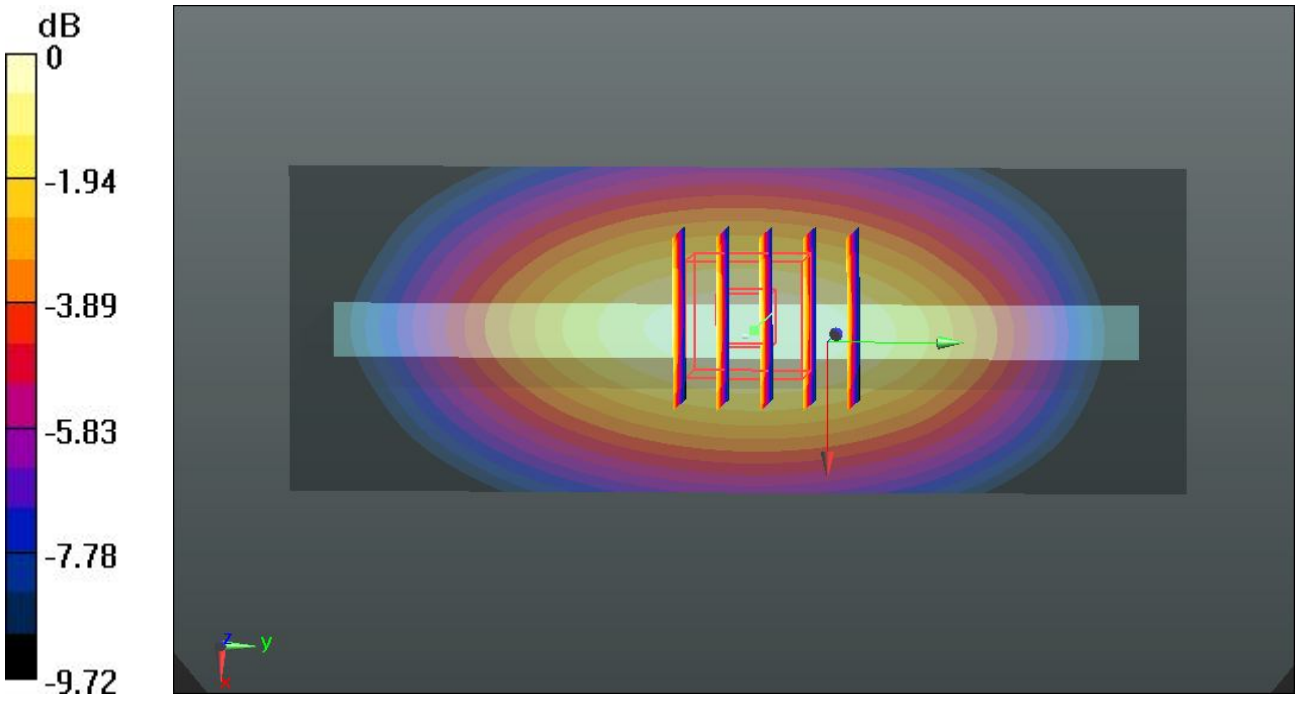
DUT: 341702

Communication System: GPRS/EDGE11; Frequency: 848.8 MHz;Duty Cycle: 1:2.7
Medium: MSL_835_130421 Medium parameters used: f = 849 MHz; σ = 0.981 mho/m; ε_r = 57.335; 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)

Ch251/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.13 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.950 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.322 mW/g
SAR(1 g) = 0.936 mW/g; SAR(10 g) = 0.648 mW/g
Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg

04 GSM850_GPRS(3 Tx slots)_Right Side_1cm_Ch251

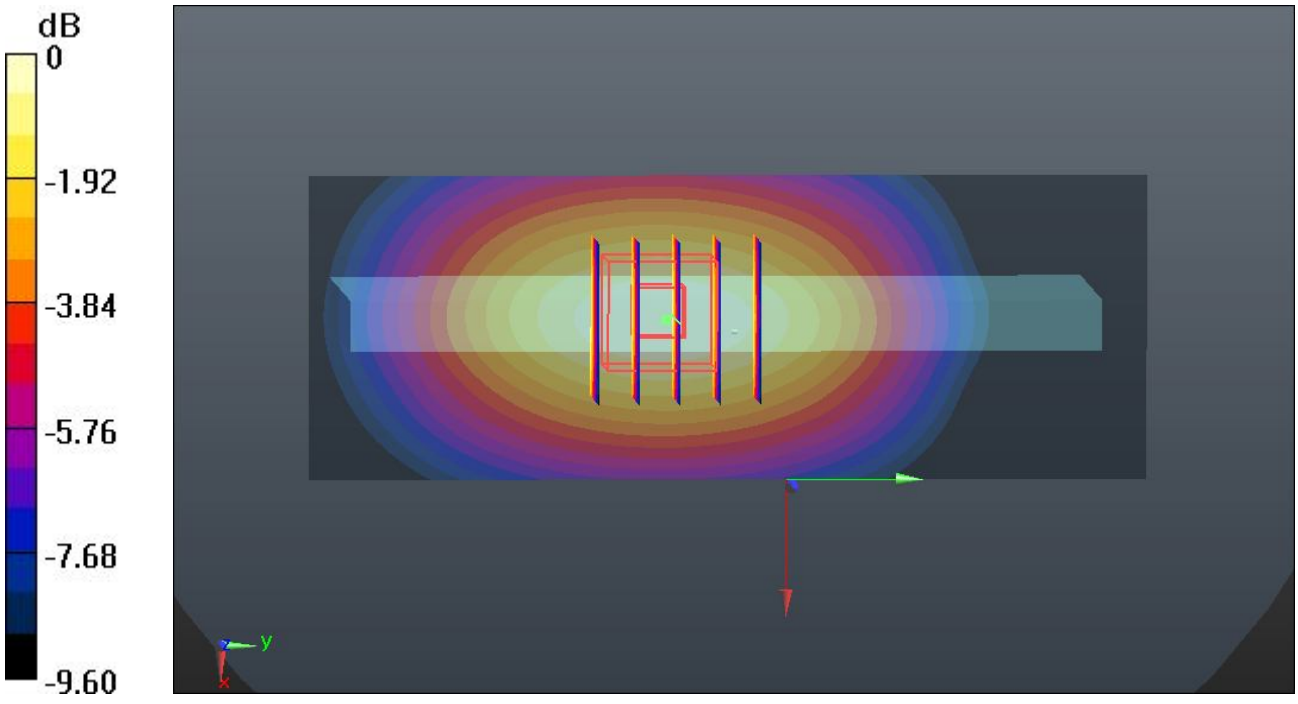
DUT: 341702

Communication System: GPRS/EDGE11; Frequency: 848.8 MHz;Duty Cycle: 1:2.7
Medium: MSL_835_130421 Medium parameters used: f = 849 MHz; σ = 0.981 mho/m; ε_r = 57.335; 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)

Ch251/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.707 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.420 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.812 mW/g
SAR(1 g) = 0.582 mW/g; SAR(10 g) = 0.403 mW/g
Maximum value of SAR (measured) = 0.710 W/kg



0 dB = 0.710 W/kg

05 GSM850_GPRS(3 Tx slots)_Bottom Side_1cm_Ch251

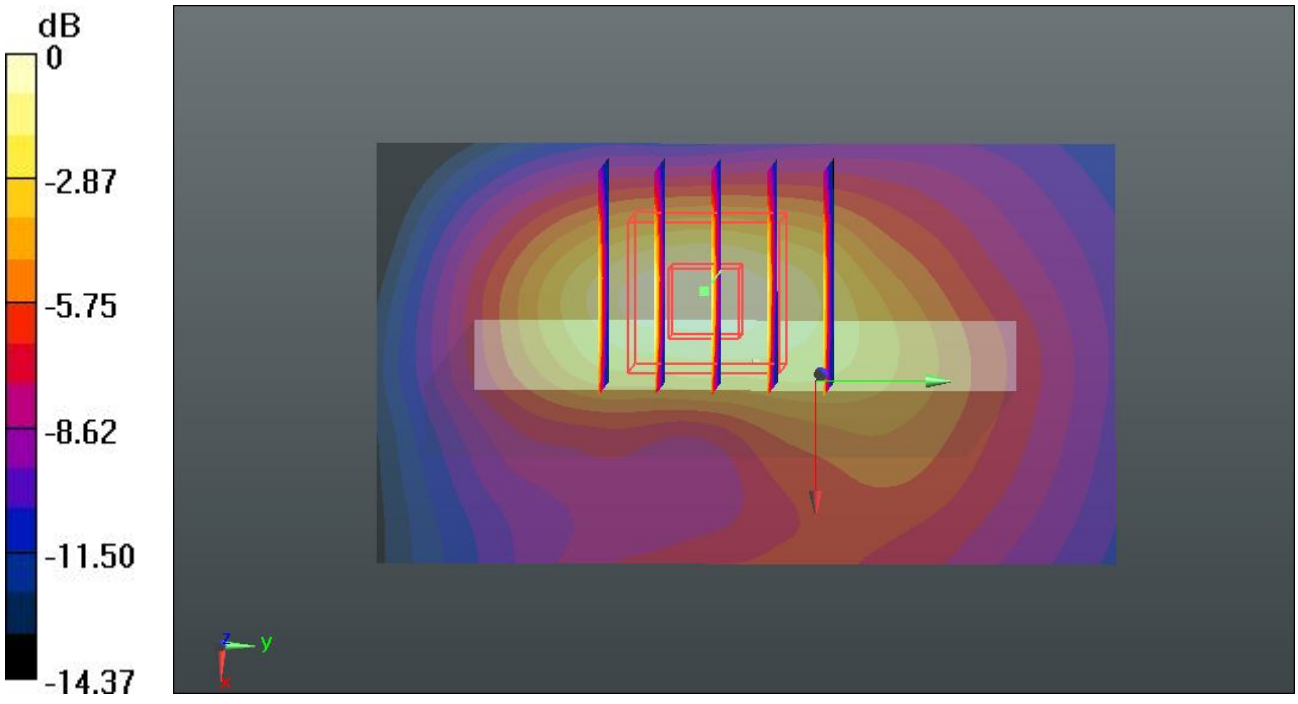
DUT: 341702

Communication System: GPRS/EDGE11; Frequency: 848.8 MHz;Duty Cycle: 1:2.7
Medium: MSL_835_130421 Medium parameters used: f = 849 MHz; σ = 0.981 mho/m; ε_r = 57.335; 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)

Ch251/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.335 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.541 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.463 mW/g
SAR(1 g) = 0.266 mW/g; SAR(10 g) = 0.147 mW/g
Maximum value of SAR (measured) = 0.346 W/kg



0 dB = 0.346 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 21.04.2013

06 GSM850_GPRS(3 Tx slots)_Front_1cm_Ch128

DUT: 341702

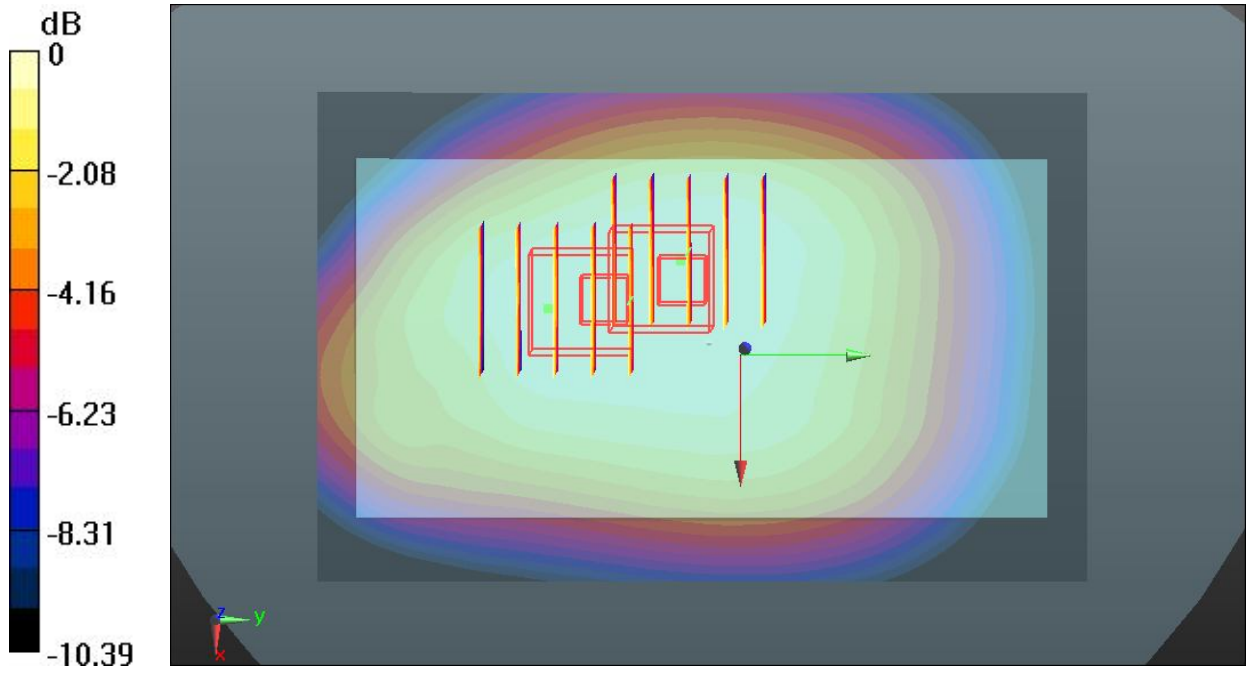
Communication System: GPRS/EDGE11; Frequency: 824.2 MHz;Duty Cycle: 1:2.7
Medium: MSL_835_130421 Medium parameters used: f = 824.2 MHz; σ = 0.958 mho/m; ε_r = 57.557; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

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)

Ch128/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.02 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.379 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.113 mW/g
SAR(1 g) = 0.893 mW/g; SAR(10 g) = 0.698 mW/g
Maximum value of SAR (measured) = 1.01 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.379 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.078 mW/g
SAR(1 g) = 0.880 mW/g; SAR(10 g) = 0.690 mW/g
Maximum value of SAR (measured) = 0.991 W/kg



0 dB = 0.991 W/kg

07 GSM850_GPRS(3 Tx slots)_Front_1cm_Ch189

DUT: 341702

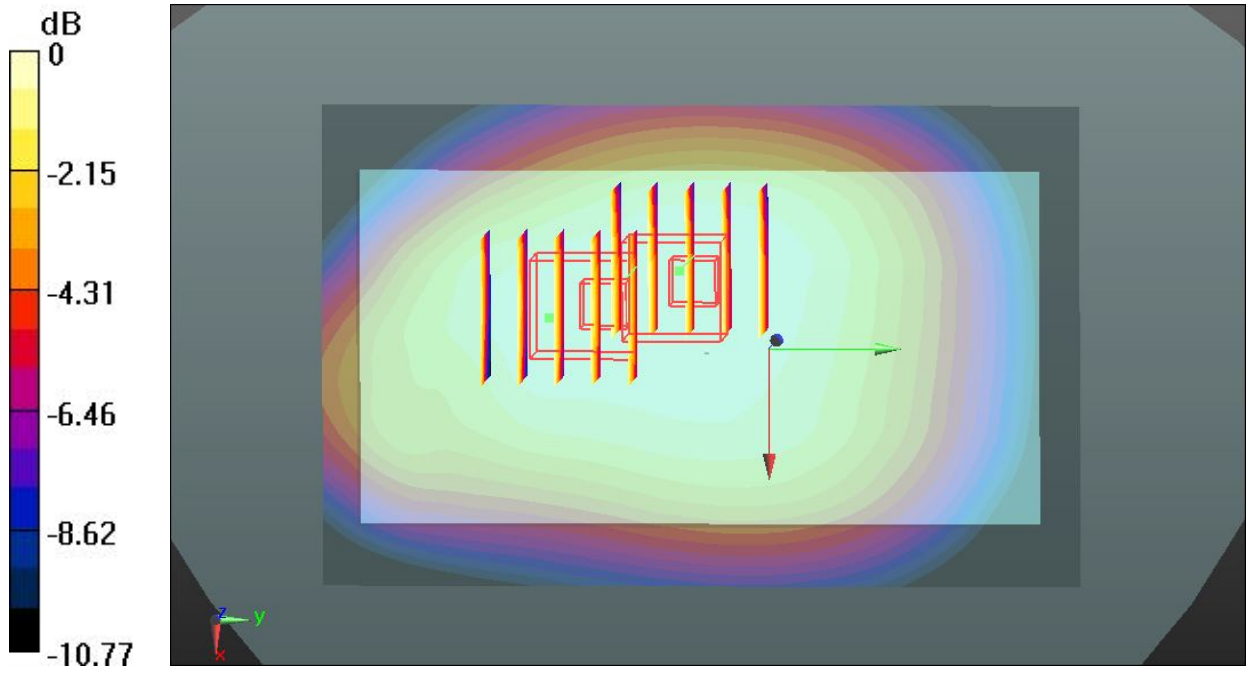
Communication System: GPRS/EDGE11; Frequency: 836.4 MHz;Duty Cycle: 1:2.7
Medium: MSL_835_130421 Medium parameters used: f = 836.4 MHz; σ = 0.969 mho/m; ε_r = 57.444; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

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)

Ch189/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.968 W/kg

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.289 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.061 mW/g
SAR(1 g) = 0.844 mW/g; SAR(10 g) = 0.657 mW/g
Maximum value of SAR (measured) = 0.966 W/kg

Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.289 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.024 mW/g
SAR(1 g) = 0.823 mW/g; SAR(10 g) = 0.644 mW/g
Maximum value of SAR (measured) = 0.936 W/kg



0 dB = 0.936 W/kg

08 GSM850_GPRS(3 Tx slots)_Back_1cm_Ch128

DUT: 341702

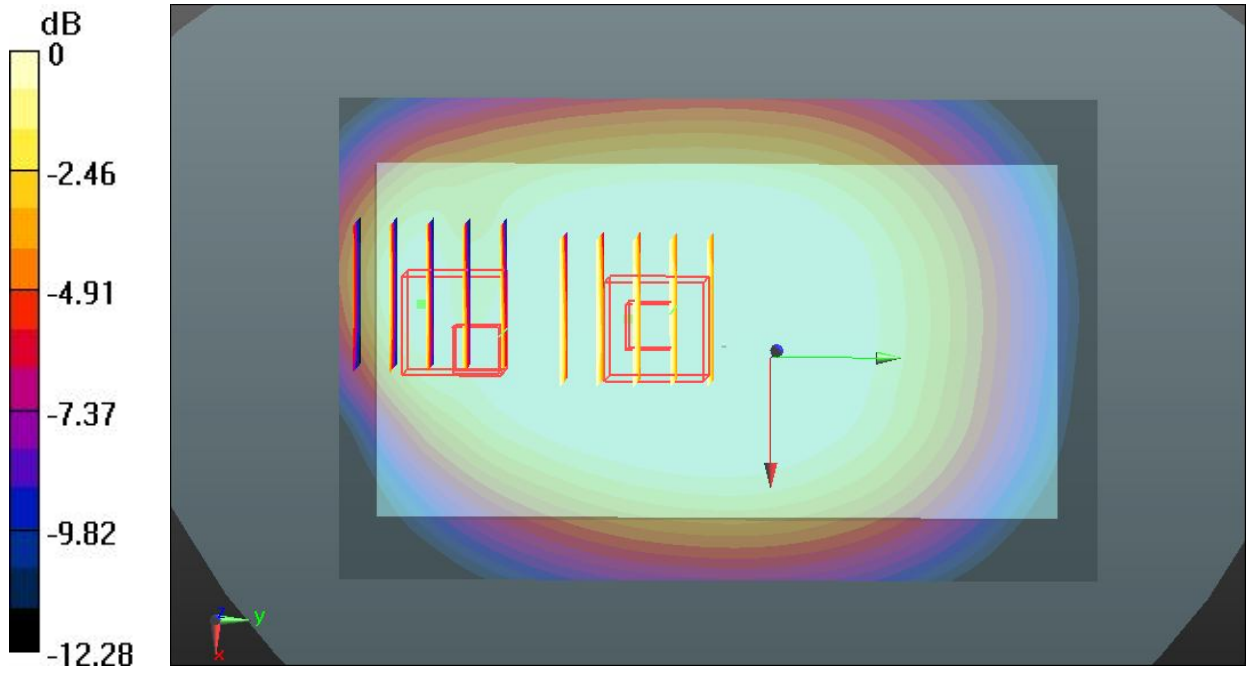
Communication System: GPRS/EDGE11; Frequency: 824.2 MHz;Duty Cycle: 1:2.7
Medium: MSL_835_130421 Medium parameters used: f = 824.2 MHz; σ = 0.958 mho/m; ε_r = 57.557; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

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)

Ch128/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.35 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 38.291 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.468 mW/g
SAR(1 g) = 1.200 mW/g; SAR(10 g) = 0.939 mW/g
Maximum value of SAR (measured) = 1.35 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 38.291 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.081 mW/g
SAR(1 g) = 0.729 mW/g; SAR(10 g) = 0.492 mW/g
Maximum value of SAR (measured) = 0.964 W/kg



0 dB = 0.964 W/kg

14 GSM850_GPRS(3 Tx slots)_Back_1cm_Ch128_Repeat SAR

DUT: 341702

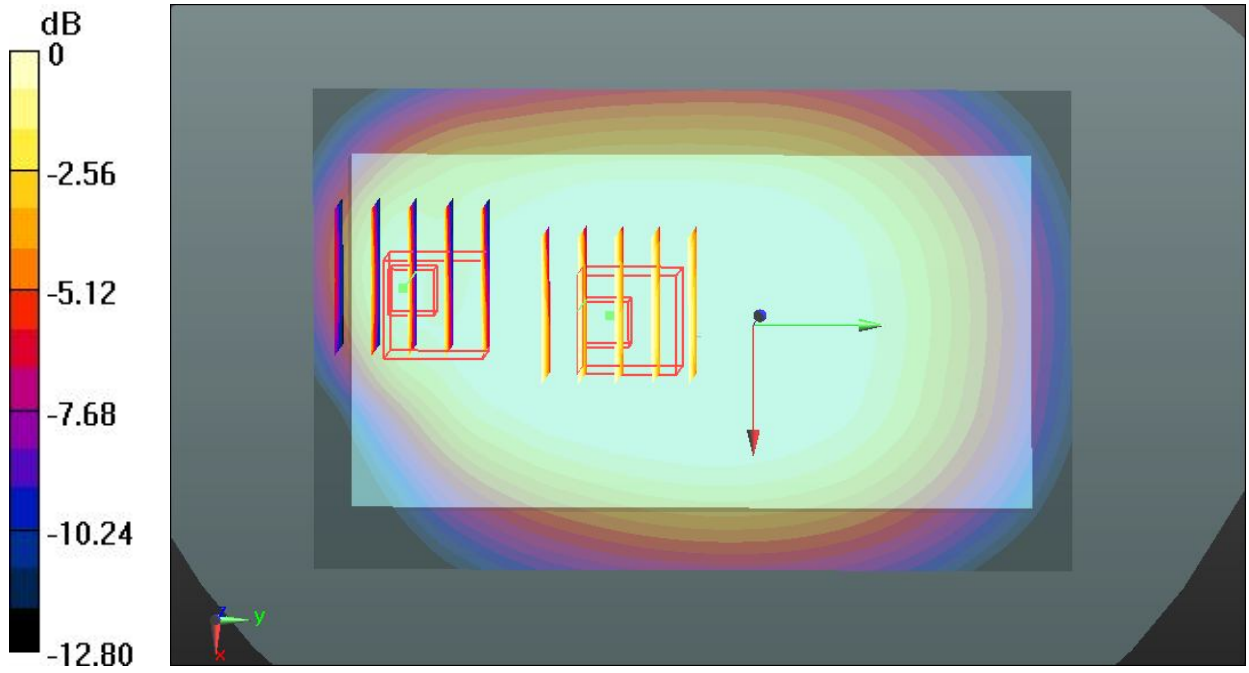
Communication System: GPRS/EDGE11; Frequency: 824.2 MHz;Duty Cycle: 1:2.7
Medium: MSL_835_130421 Medium parameters used: f = 824.2 MHz; σ = 0.958 mho/m; ε_r = 57.557; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

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)

Ch128/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.26 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 37.009 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.359 mW/g
SAR(1 g) = 1.110 mW/g; SAR(10 g) = 0.864 mW/g
Maximum value of SAR (measured) = 1.24 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 37.009 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.067 mW/g
SAR(1 g) = 0.675 mW/g; SAR(10 g) = 0.442 mW/g
Maximum value of SAR (measured) = 0.902 W/kg



0 dB = 0.902 W/kg

09 GSM850_GPRS(3 Tx slots)_Back_1cm_Ch189

DUT: 341702

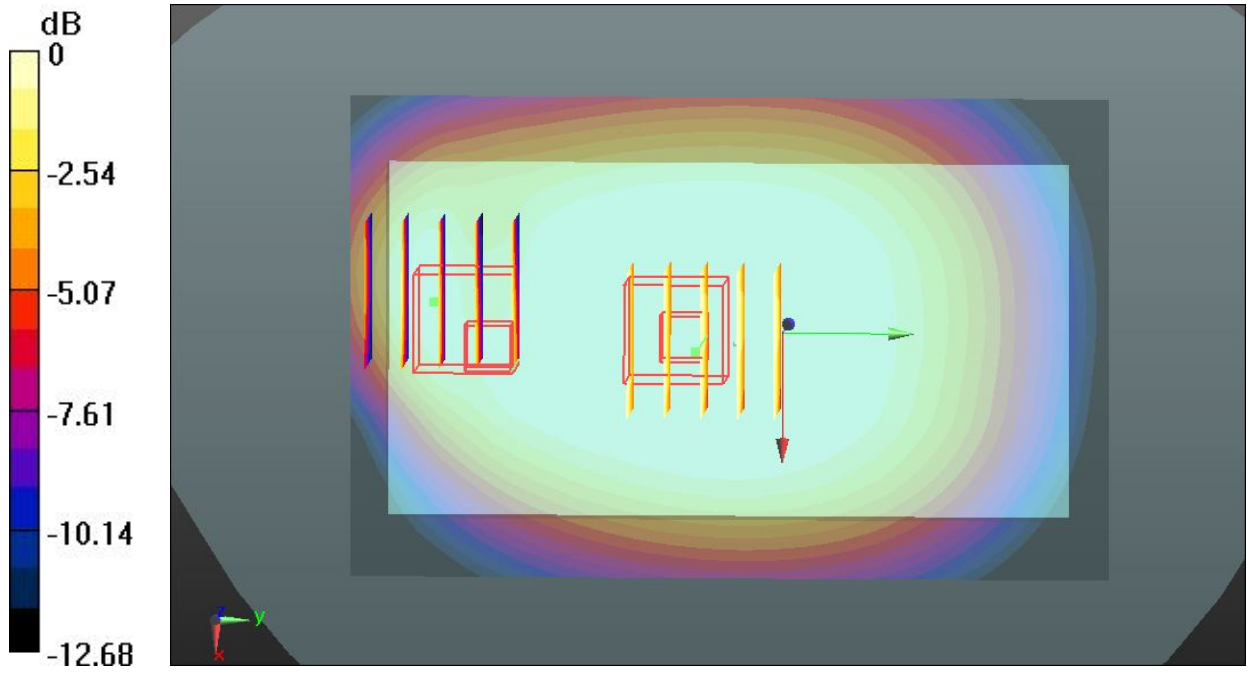
Communication System: GPRS/EDGE11; Frequency: 836.4 MHz;Duty Cycle: 1:2.7
Medium: MSL_835_130421 Medium parameters used: f = 836.4 MHz; σ = 0.969 mho/m; ε_r = 57.444; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

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)

Ch189/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.33 W/kg

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 37.871 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.450 mW/g
SAR(1 g) = 1.170 mW/g; SAR(10 g) = 0.916 mW/g
Maximum value of SAR (measured) = 1.33 W/kg

Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 37.871 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.083 mW/g
SAR(1 g) = 0.703 mW/g; SAR(10 g) = 0.472 mW/g
Maximum value of SAR (measured) = 0.943 W/kg



0 dB = 0.943 W/kg

10 GSM850_GPRS(3 Tx slots)_Left Side_1cm_Ch128

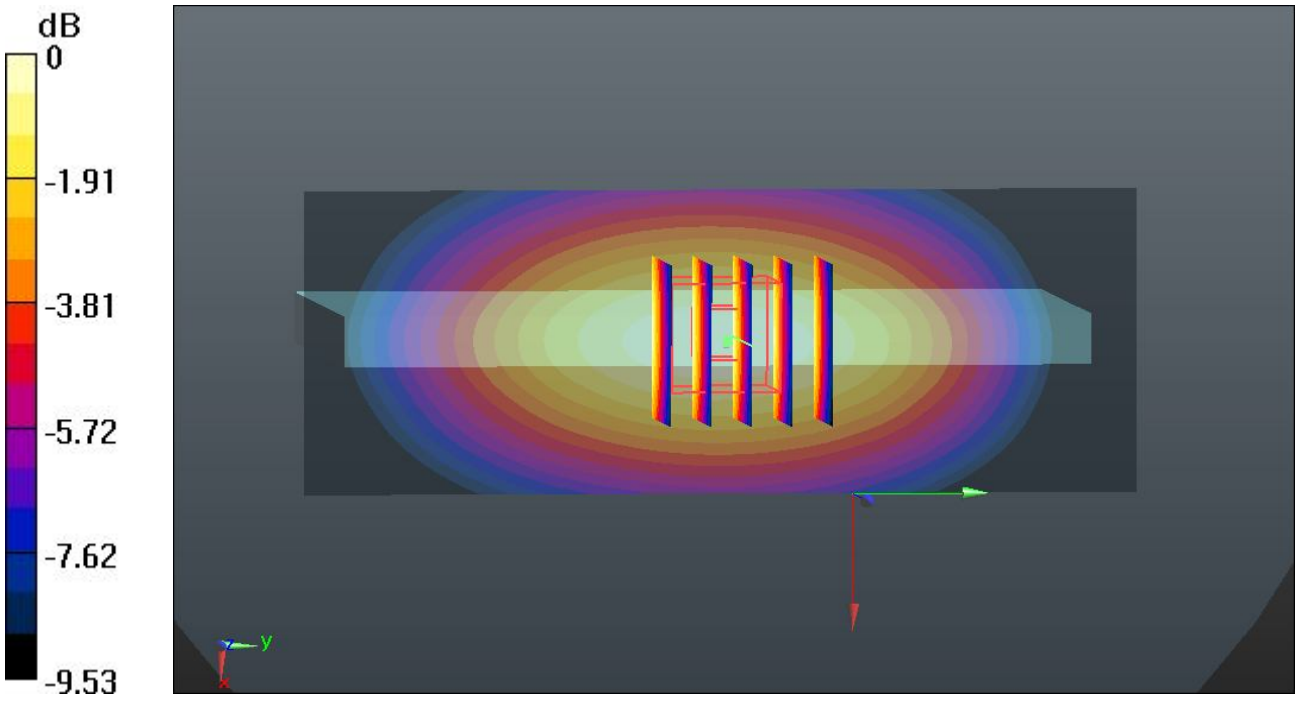
DUT: 341702

Communication System: GPRS/EDGE11; Frequency: 824.2 MHz;Duty Cycle: 1:2.7
Medium: MSL_835_130421 Medium parameters used: f = 824.2 MHz; σ = 0.958 mho/m; ε_r = 57.557; 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)

Ch128/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.17 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 36.101 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.374 mW/g
SAR(1 g) = 0.981 mW/g; SAR(10 g) = 0.685 mW/g
Maximum value of SAR (measured) = 1.20 W/kg



0 dB = 1.20 W/kg

11 GSM850_GPRS(3 Tx slots)_ Left Side_1cm_Ch189

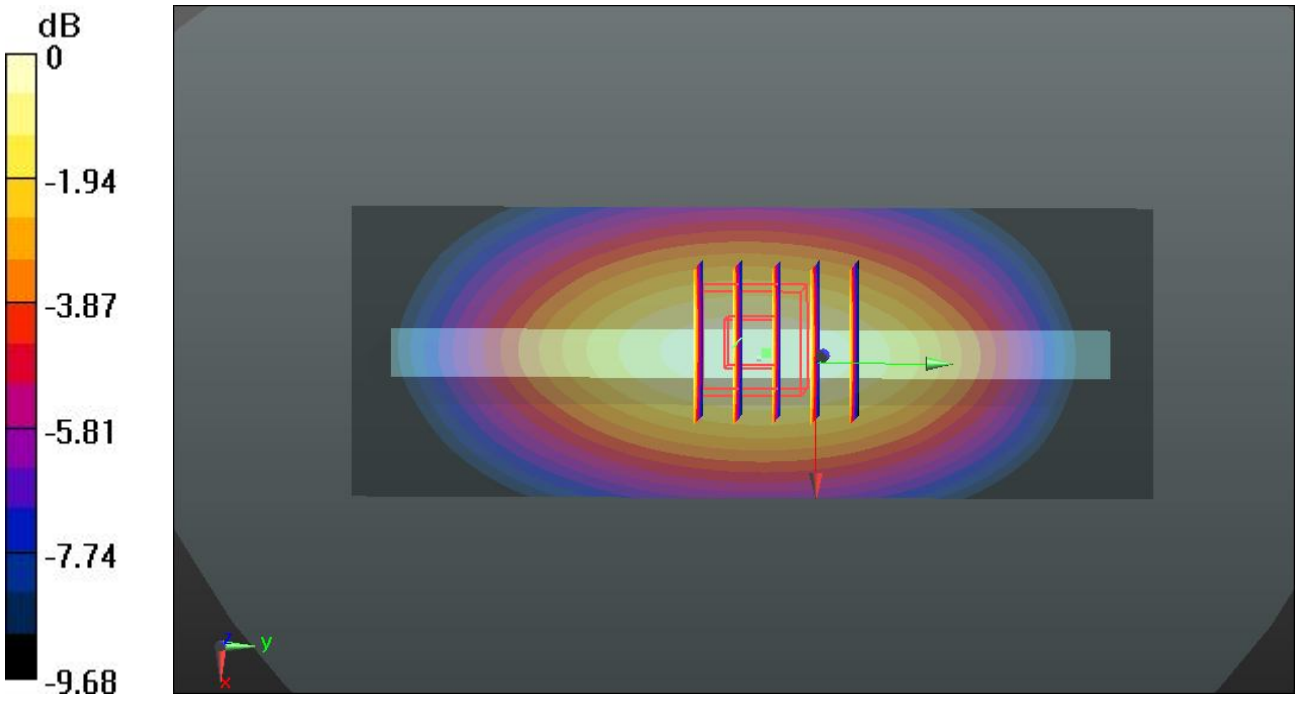
DUT: 341702

Communication System: GPRS/EDGE11; Frequency: 836.4 MHz;Duty Cycle: 1:2.7
Medium: MSL_835_130421 Medium parameters used: f = 836.4 MHz; σ = 0.969 mho/m; ε_r = 57.444; 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)

Ch189/Area Scan (41x111x1): 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 = 35.878 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.386 mW/g
SAR(1 g) = 0.983 mW/g; SAR(10 g) = 0.684 mW/g
Maximum value of SAR (measured) = 1.20 W/kg



0 dB = 1.20 W/kg

12 GSM850_GSM Voice_Front_1cm_Ch251

DUT: 341702

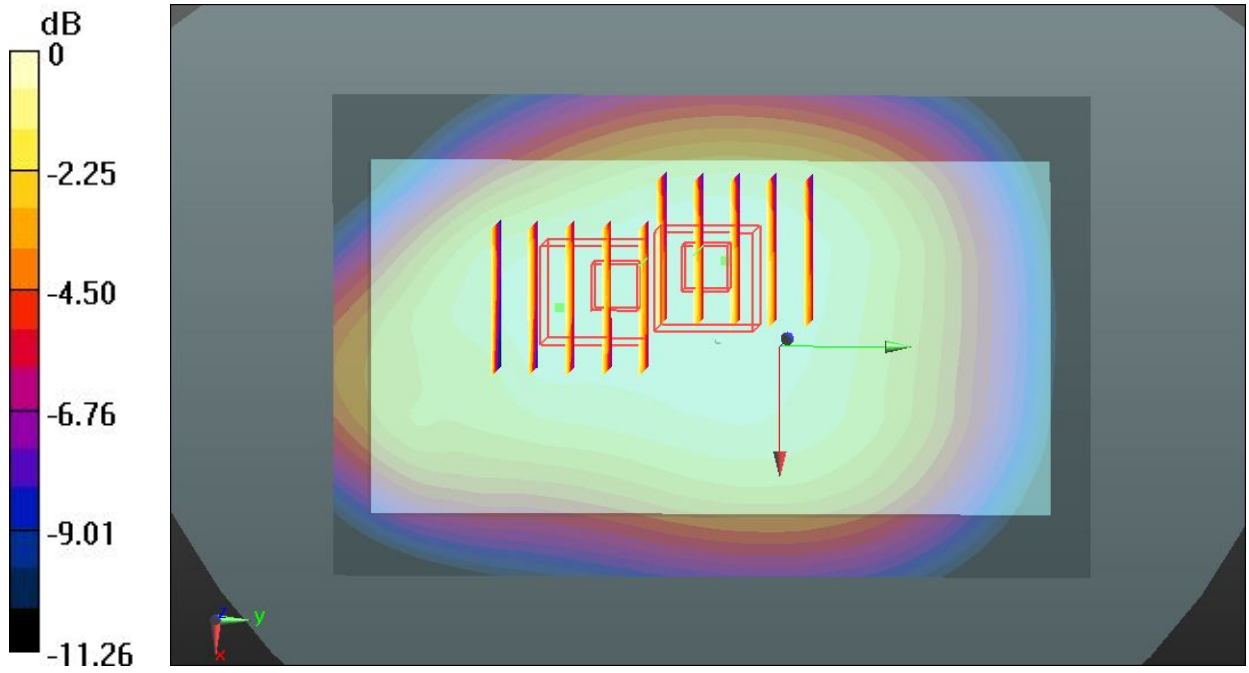
Communication System: Generic GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: MSL_835_130421 Medium parameters used: f = 849 MHz; σ = 0.981 mho/m; ε_r = 57.335; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

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)

Ch251/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.483 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.806 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.536 mW/g
SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.327 mW/g
Maximum value of SAR (measured) = 0.486 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.806 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.509 mW/g
SAR(1 g) = 0.407 mW/g; SAR(10 g) = 0.319 mW/g
Maximum value of SAR (measured) = 0.465 W/kg



0 dB = 0.465 W/kg

13 GSM850_GSM Voice_Back_1cm_Ch251

DUT: 341702

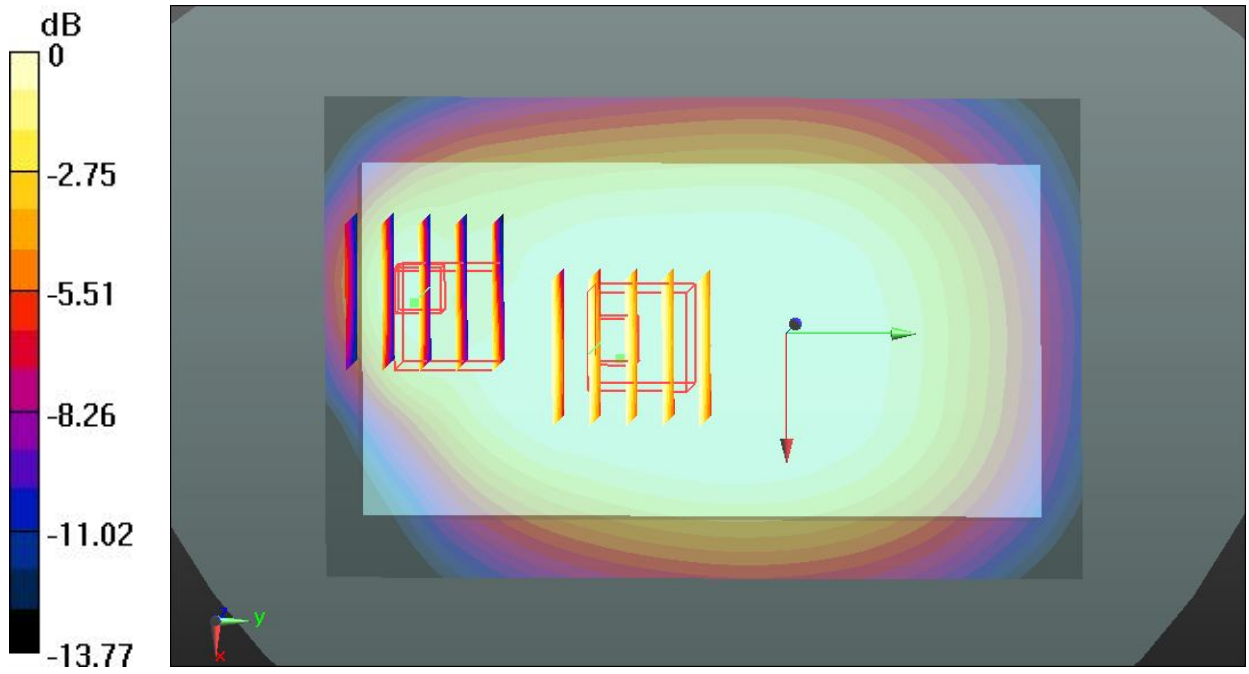
Communication System: Generic GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: MSL_835_130421 Medium parameters used: f = 849 MHz; σ = 0.981 mho/m; ε_r = 57.335; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

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)

Ch251/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.606 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.394 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.669 mW/g
SAR(1 g) = 0.543 mW/g; SAR(10 g) = 0.421 mW/g
Maximum value of SAR (measured) = 0.611 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.394 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.555 mW/g
SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.212 mW/g
Maximum value of SAR (measured) = 0.467 W/kg



0 dB = 0.467 W/kg

15 GSM1900_GPRS(3 Tx slots)_Front_1cm_Ch512

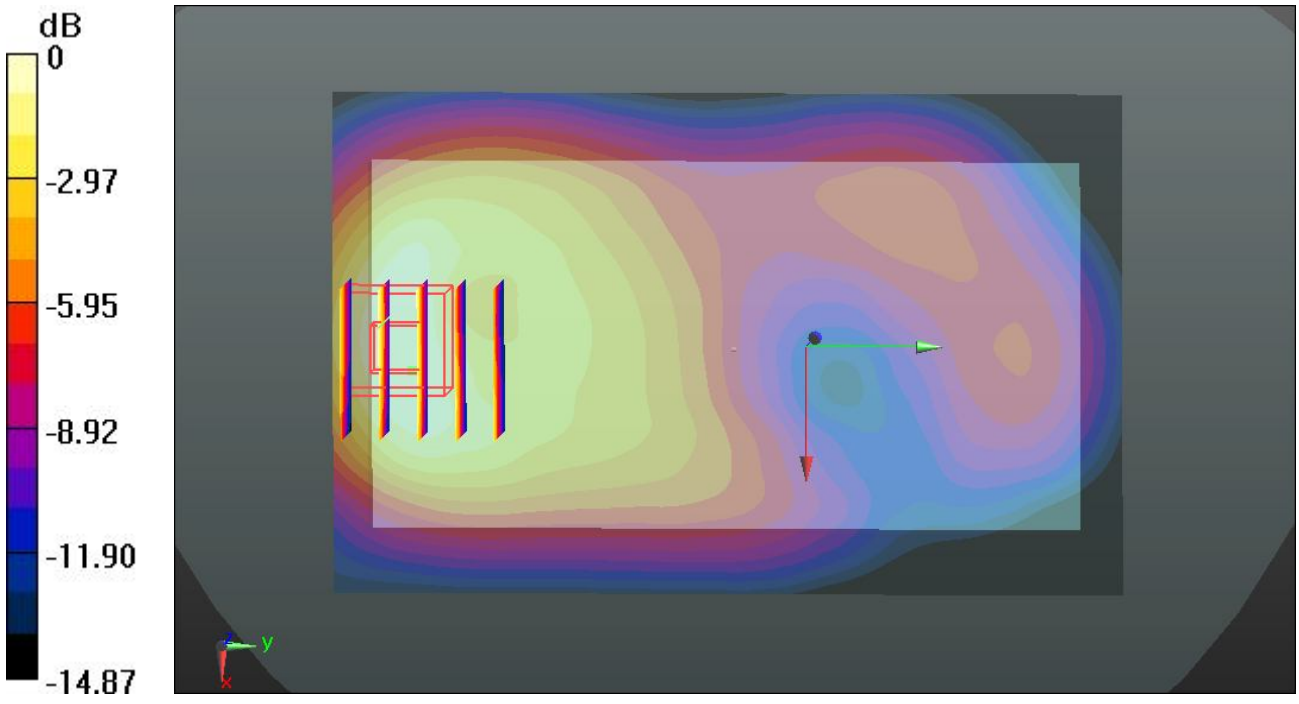
DUT: 341702

Communication System: GPRS/EDGE11; Frequency: 1850.2 MHz;Duty Cycle: 1:2.7
Medium: MSL_1900_130422 Medium parameters used: f = 1850.2 MHz; σ = 1.44 mho/m; ε_r = 53.854; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.888 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.719 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.030 mW/g
SAR(1 g) = 0.656 mW/g; SAR(10 g) = 0.388 mW/g
Maximum value of SAR (measured) = 0.820 W/kg



0 dB = 0.820 W/kg

16 GSM1900_GPRS(3 Tx slots)_Back_1cm_Ch512

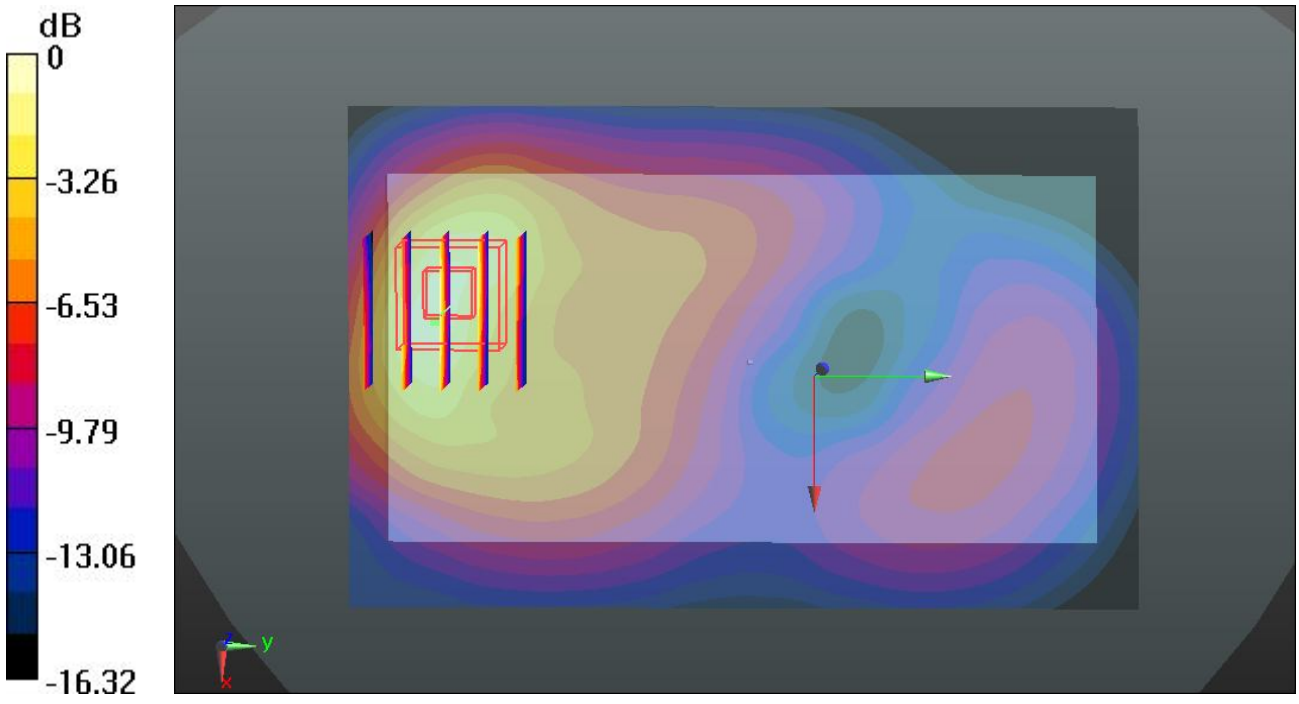
DUT: 341702

Communication System: GPRS/EDGE11; Frequency: 1850.2 MHz;Duty Cycle: 1:2.7
Medium: MSL_1900_130422 Medium parameters used: f = 1850.2 MHz; σ = 1.44 mho/m; ε_r = 53.854; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.31 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.273 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.764 mW/g
SAR(1 g) = 1.050 mW/g; SAR(10 g) = 0.576 mW/g
Maximum value of SAR (measured) = 1.40 W/kg



0 dB = 1.40 W/kg

17 GSM1900_GPRS(3 Tx slots)_Left Side_1cm_Ch512

DUT: 341702

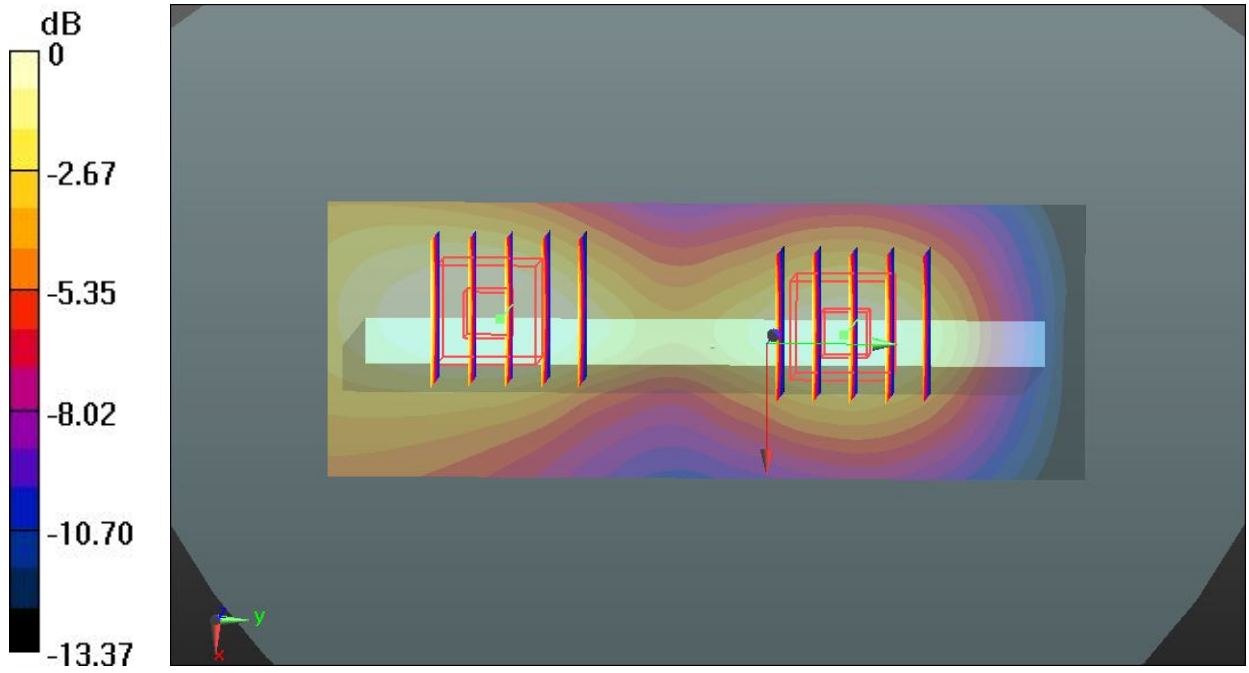
Communication System: GPRS/EDGE11; Frequency: 1850.2 MHz;Duty Cycle: 1:2.7
Medium: MSL_1900_130422 Medium parameters used: f = 1850.2 MHz; σ = 1.44 mho/m; ε_r = 53.854; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.245 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.334 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.297 mW/g
SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.115 mW/g
Maximum value of SAR (measured) = 0.246 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.334 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.245 mW/g
SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.095 mW/g
Maximum value of SAR (measured) = 0.205 W/kg



0 dB = 0.205 W/kg

18 GSM1900_GPRS(3 Tx slots)_Right Side_1cm_Ch512

DUT: 341702

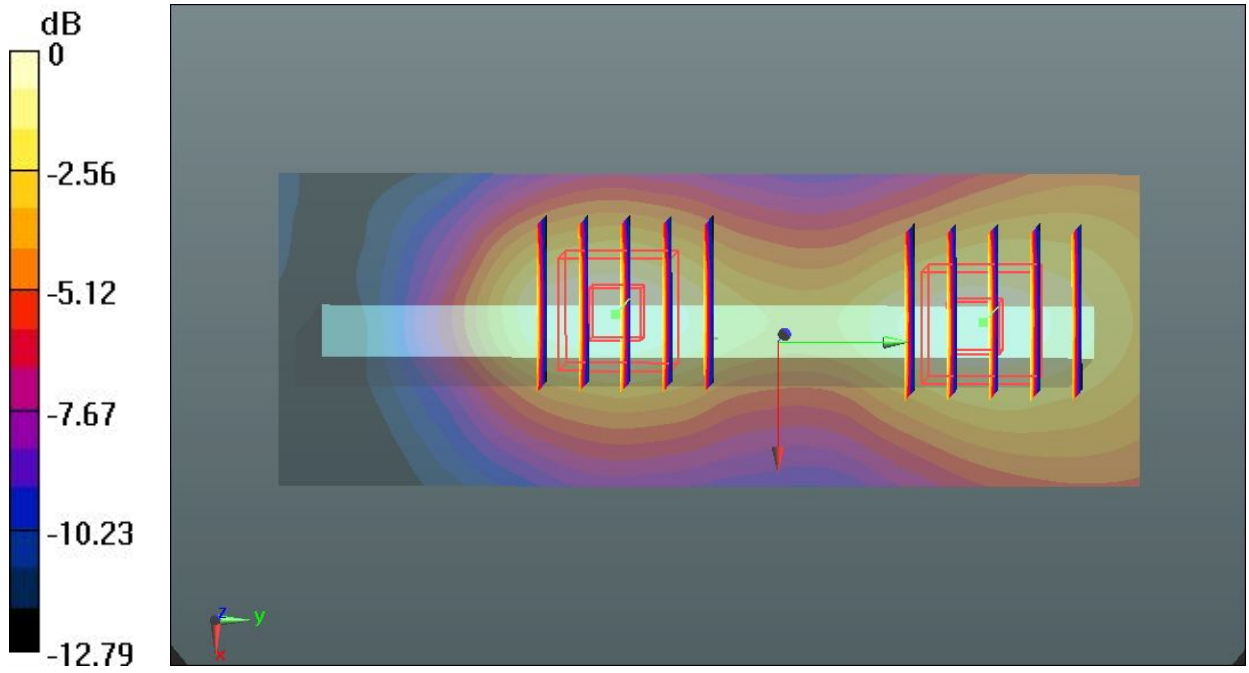
Communication System: GPRS/EDGE11; Frequency: 1850.2 MHz;Duty Cycle: 1:2.7
Medium: MSL_1900_130422 Medium parameters used: f = 1850.2 MHz; σ = 1.44 mho/m; ε_r = 53.854; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.216 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.290 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.253 mW/g
SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.097 mW/g
Maximum value of SAR (measured) = 0.211 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.290 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.252 mW/g
SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.098 mW/g
Maximum value of SAR (measured) = 0.207 W/kg



0 dB = 0.207 W/kg

19 GSM1900_GPRS(3 Tx slots)_Bottom Side_1cm_Ch512

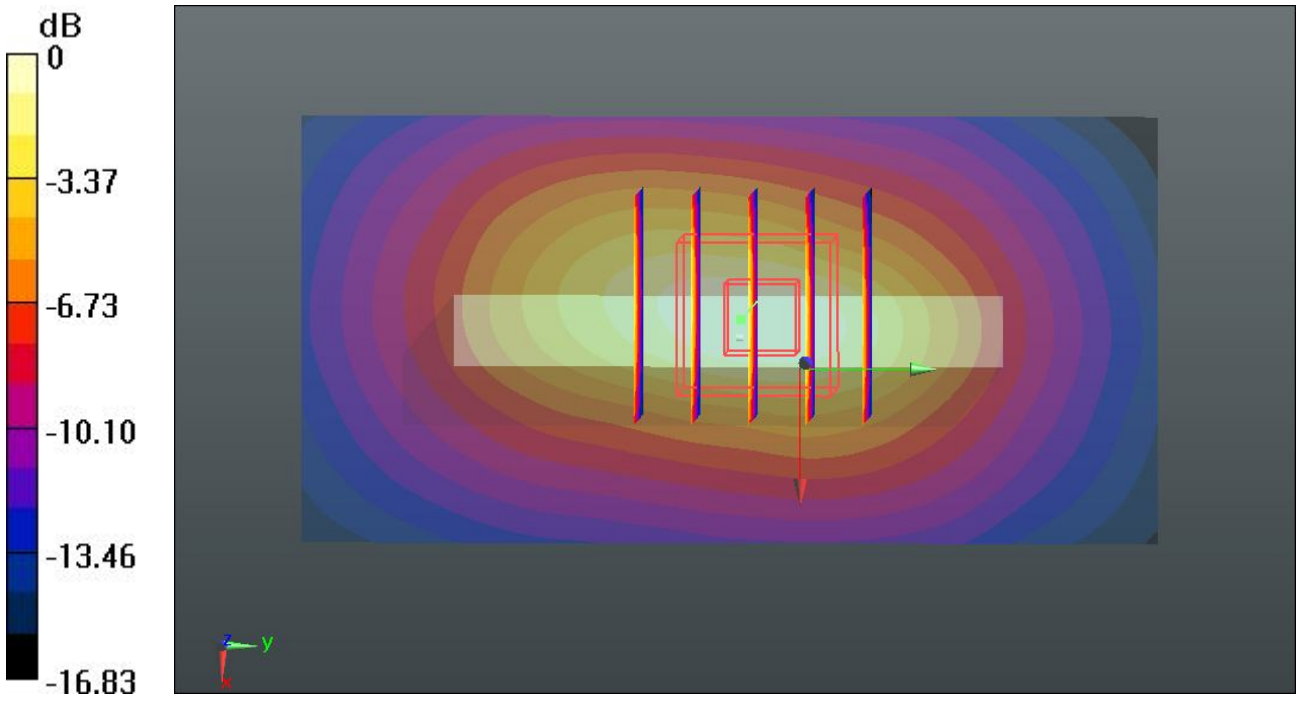
DUT: 341702

Communication System: GPRS/EDGE11; Frequency: 1850.2 MHz;Duty Cycle: 1:2.7
Medium: MSL_1900_130422 Medium parameters used: f = 1850.2 MHz; σ = 1.44 mho/m; ε_r = 53.854; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.07 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.075 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.327 mW/g
SAR(1 g) = 0.801 mW/g; SAR(10 g) = 0.440 mW/g
Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg

20 GSM1900_GPRS(3 Tx slots)_Front_1cm_Ch661

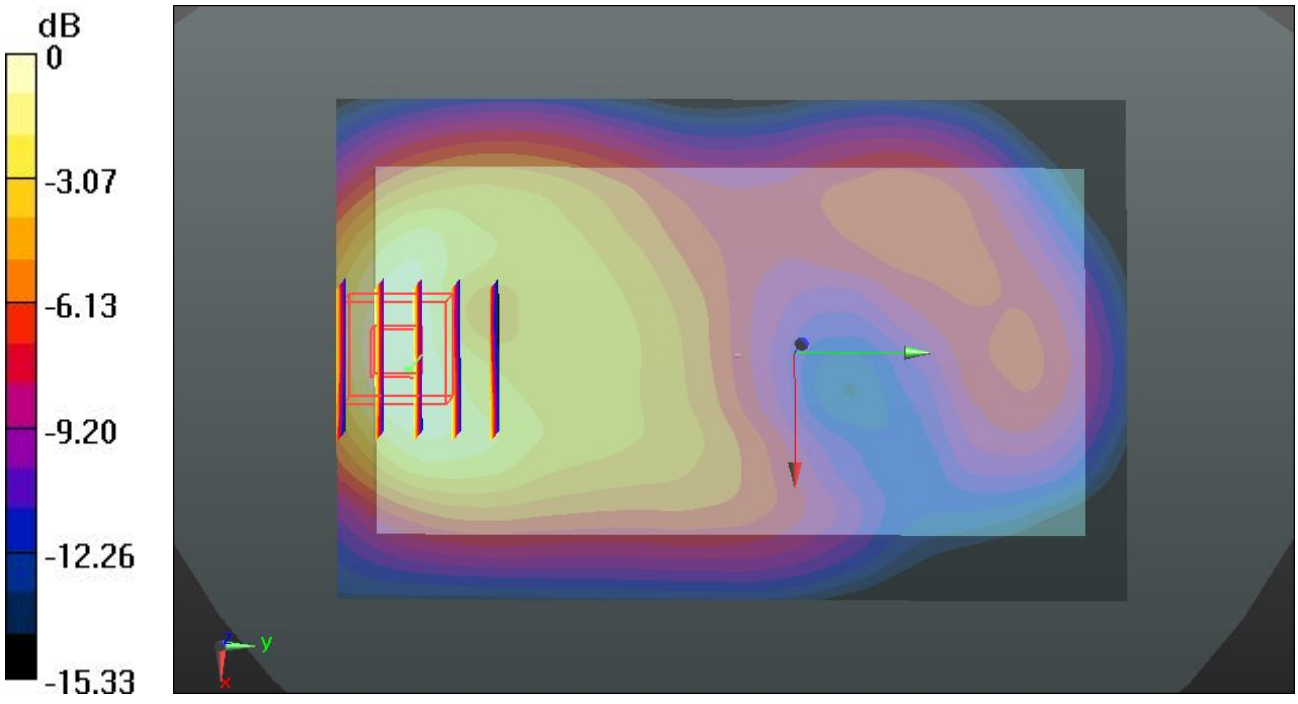
DUT: 341702

Communication System: GPRS/EDGE11; Frequency: 1880 MHz;Duty Cycle: 1:2.7
Medium: MSL_1900_130422 Medium parameters used: f = 1880 MHz; σ = 1.479 mho/m; ε_r = 53.835; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch661/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.851 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.262 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.013 mW/g
SAR(1 g) = 0.638 mW/g; SAR(10 g) = 0.370 mW/g
Maximum value of SAR (measured) = 0.814 W/kg



0 dB = 0.814 W/kg

21 GSM1900_GPRS(3 Tx slots)_Front_1cm_Ch810

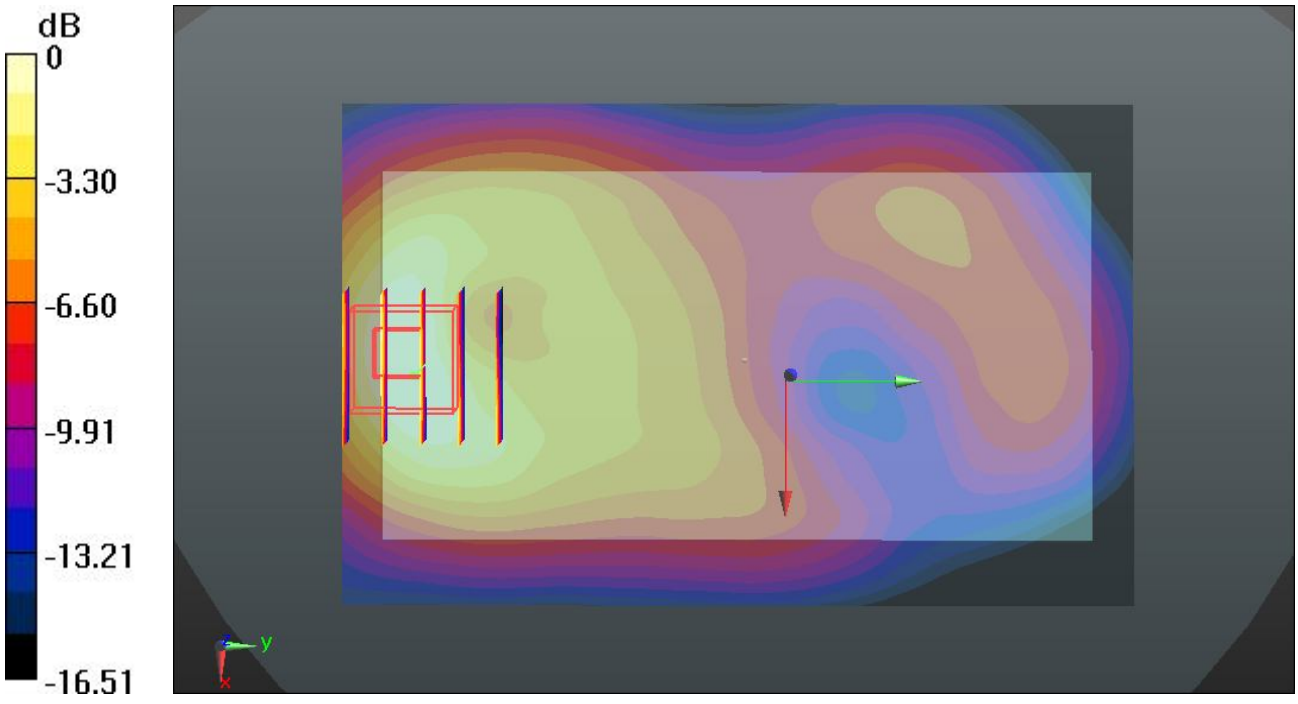
DUT: 341702

Communication System: GPRS/EDGE11; Frequency: 1909.8 MHz;Duty Cycle: 1:2.7
Medium: MSL_1900_130422 Medium parameters used: f = 1910 MHz; σ = 1.511 mho/m; ε_r = 53.819; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.801 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.276 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.969 mW/g
SAR(1 g) = 0.601 mW/g; SAR(10 g) = 0.343 mW/g
Maximum value of SAR (measured) = 0.767 W/kg



0 dB = 0.767 W/kg

22 GSM1900_GPRS(3 Tx slots)_Back_1cm_Ch661

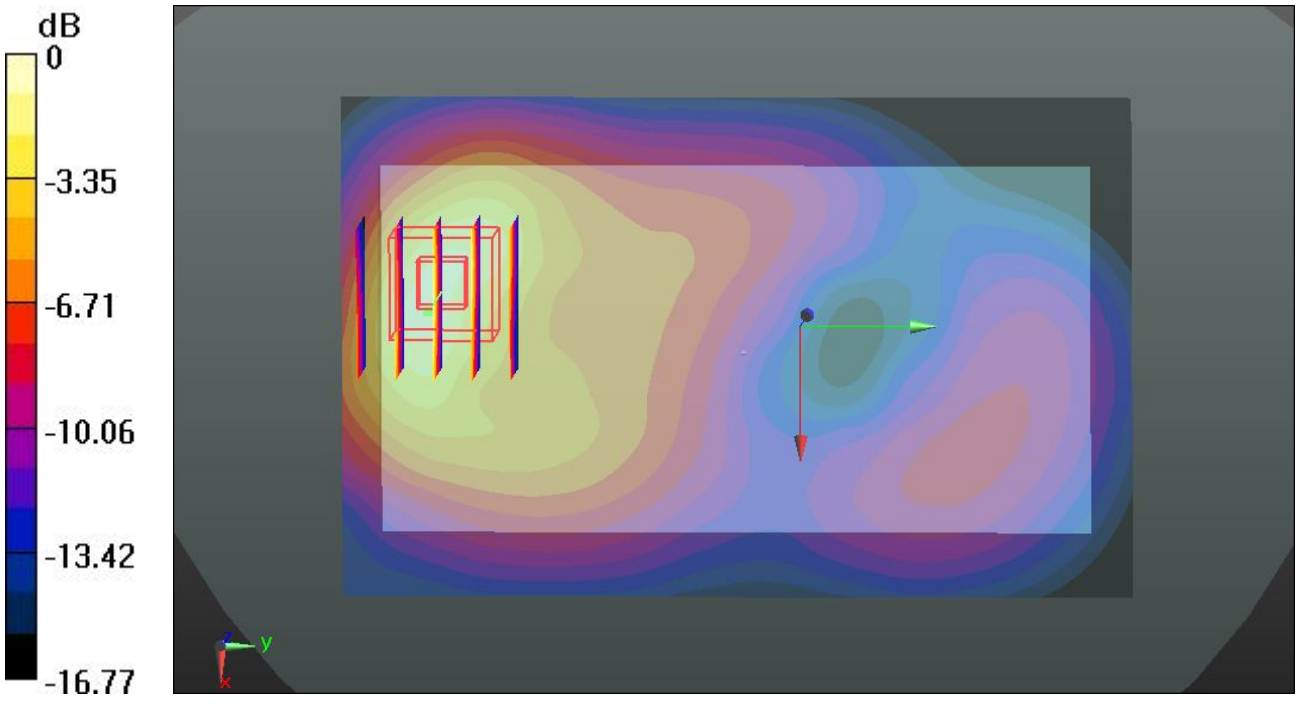
DUT: 341702

Communication System: GPRS/EDGE11; Frequency: 1880 MHz;Duty Cycle: 1:2.7
Medium: MSL_1900_130422 Medium parameters used: f = 1880 MHz; σ = 1.479 mho/m; ε_r = 53.835; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch661/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.28 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.573 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.748 mW/g
SAR(1 g) = 1.040 mW/g; SAR(10 g) = 0.562 mW/g
Maximum value of SAR (measured) = 1.38 W/kg



0 dB = 1.38 W/kg

23 GSM1900_GPRS(3 Tx slots)_Back_1cm_Ch810

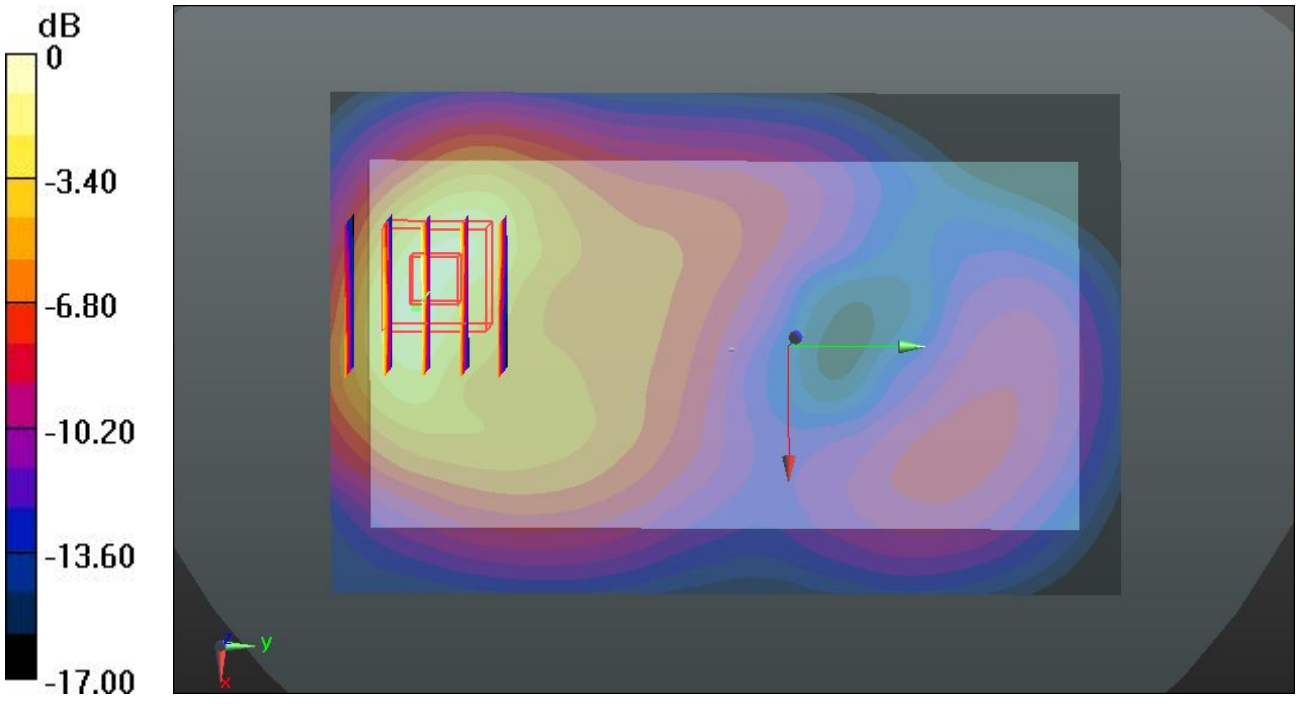
DUT: 341702

Communication System: GPRS/EDGE11; Frequency: 1909.8 MHz;Duty Cycle: 1:2.7
Medium: MSL_1900_130422 Medium parameters used: f = 1910 MHz; σ = 1.511 mho/m; ε_r = 53.819; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.19 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.446 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.688 mW/g
SAR(1 g) = 0.990 mW/g; SAR(10 g) = 0.532 mW/g
Maximum value of SAR (measured) = 1.32 W/kg



0 dB = 1.32 W/kg

24 GSM1900_GPRS(3 Tx slots)_Bottom Side_1cm_Ch661

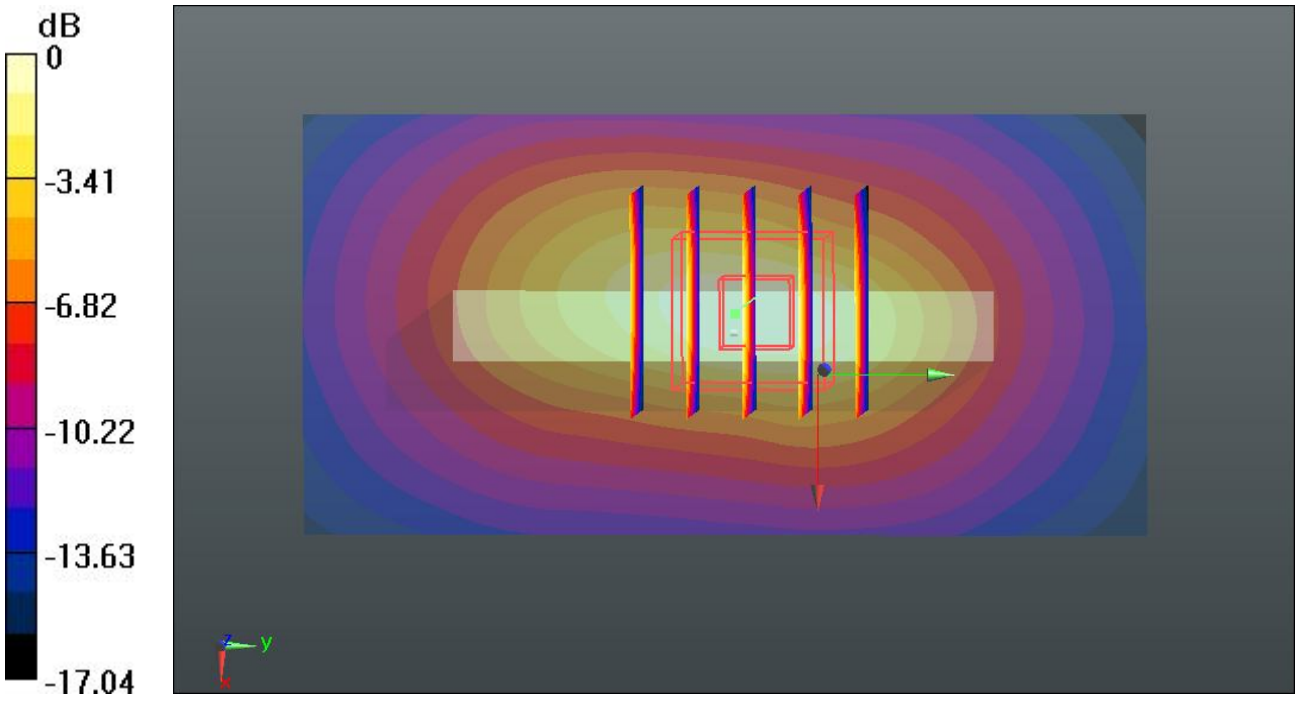
DUT: 341702

Communication System: GPRS/EDGE11; Frequency: 1880 MHz;Duty Cycle: 1:2.7
Medium: MSL_1900_130422 Medium parameters used: f = 1880 MHz; σ = 1.479 mho/m; ε_r = 53.835; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch661/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.05 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.370 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.318 mW/g
SAR(1 g) = 0.782 mW/g; SAR(10 g) = 0.423 mW/g
Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.07 W/kg

25 GSM1900_GPRS(3 Tx slots)_Bottom Side_1cm_Ch810

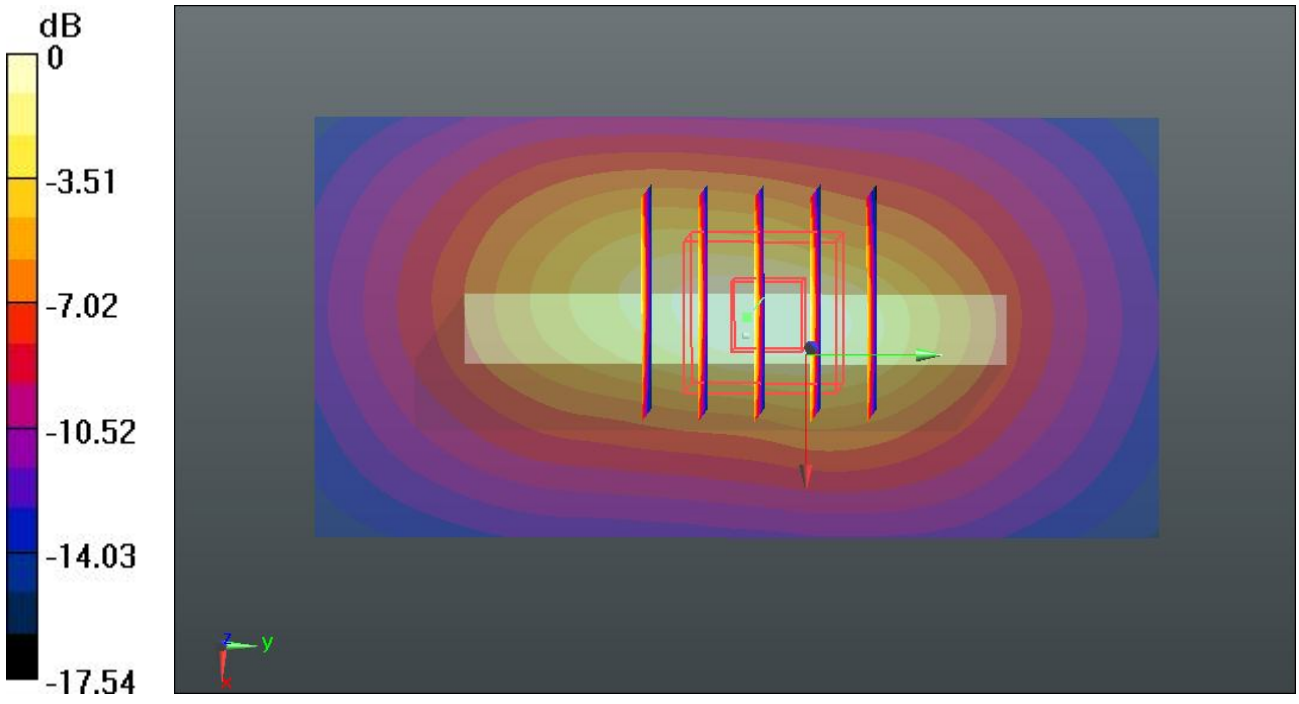
DUT: 341702

Communication System: GPRS/EDGE11; Frequency: 1909.8 MHz;Duty Cycle: 1:2.7
Medium: MSL_1900_130422 Medium parameters used: f = 1910 MHz; σ = 1.511 mho/m; ε_r = 53.819; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.993 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.229 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.248 mW/g
SAR(1 g) = 0.737 mW/g; SAR(10 g) = 0.395 mW/g
Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 22.04.2013

26 GSM1900_GSM Voice_Front_1cm_Ch512

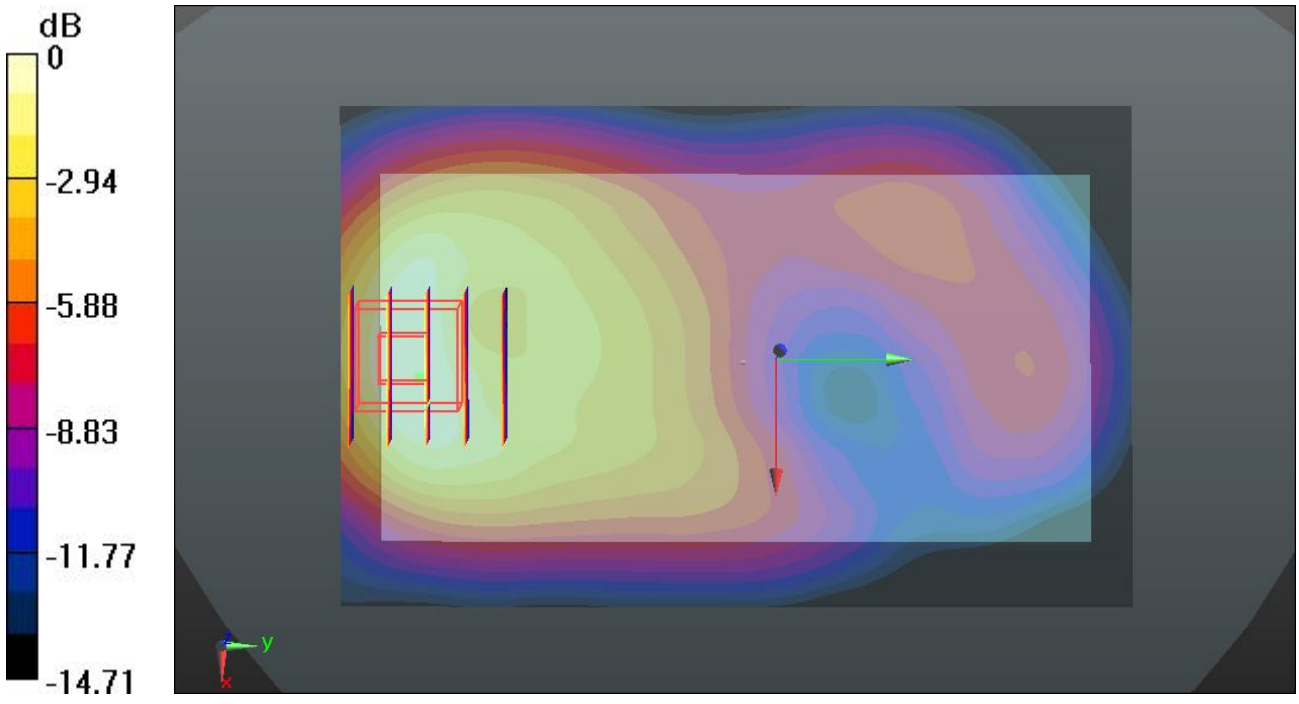
DUT: 341702

Communication System: Generic GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_130422 Medium parameters used: f = 1850.2 MHz; σ = 1.44 mho/m; ε_r = 53.854; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.516 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.857 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.602 mW/g
SAR(1 g) = 0.383 mW/g; SAR(10 g) = 0.226 mW/g
Maximum value of SAR (measured) = 0.479 W/kg



0 dB = 0.479 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 22.04.2013

27 GSM1900_GSM Voice_Back_1cm_Ch512

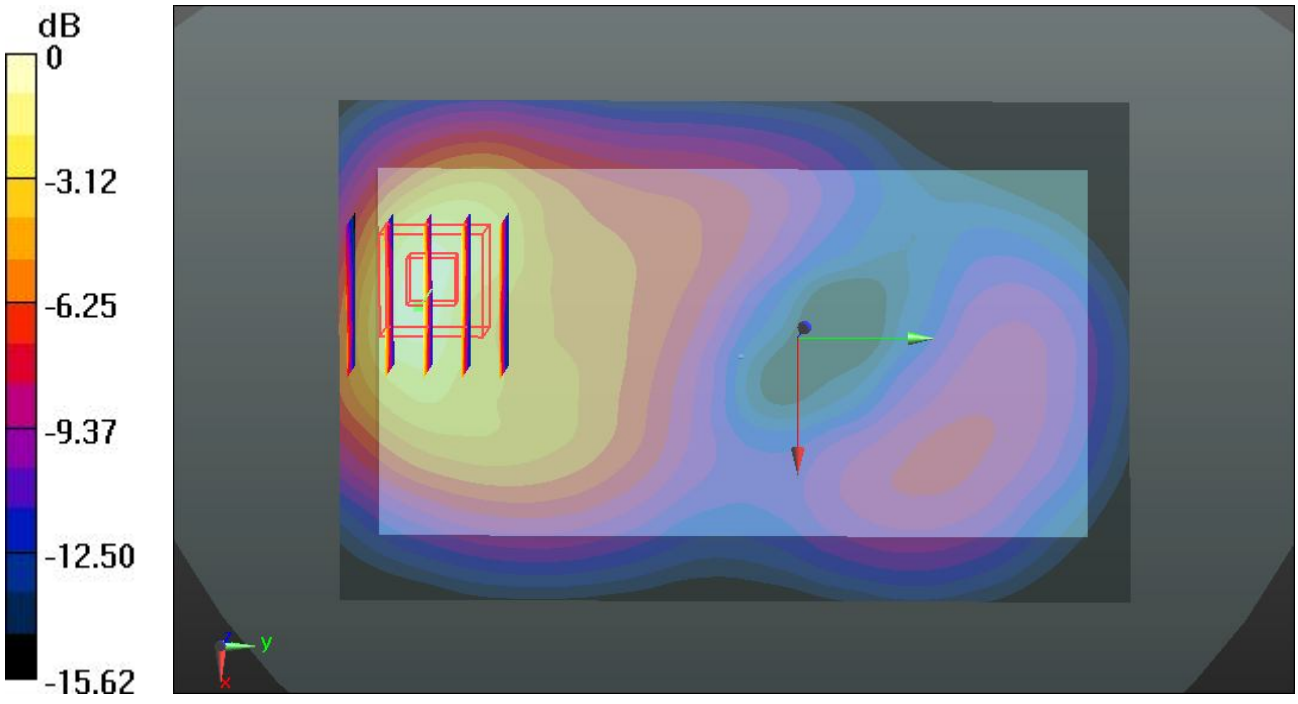
DUT: 341702

Communication System: Generic GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_130422 Medium parameters used: f = 1850.2 MHz; σ = 1.44 mho/m; ε_r = 53.854; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.775 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.932 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.025 mW/g
SAR(1 g) = 0.623 mW/g; SAR(10 g) = 0.344 mW/g
Maximum value of SAR (measured) = 0.821 W/kg



0 dB = 0.821 W/kg

28 GSM1900_GSM Voice_Back_1cm_Ch661

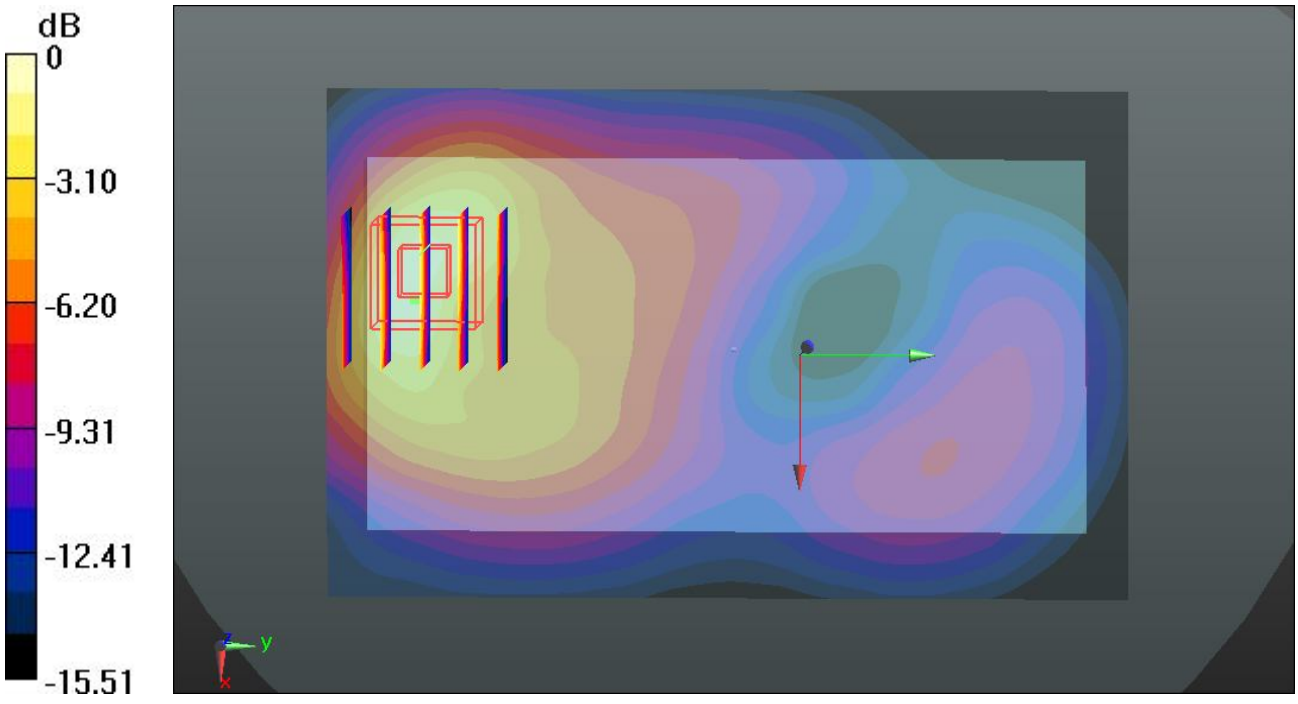
DUT: 341702

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_130422 Medium parameters used: f = 1880 MHz; σ = 1.479 mho/m; ε_r = 53.835; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch661/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.764 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.641 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.031 mW/g
SAR(1 g) = 0.619 mW/g; SAR(10 g) = 0.339 mW/g
Maximum value of SAR (measured) = 0.829 W/kg



0 dB = 0.829 W/kg

29 GSM1900_GSM Voice_Back_1cm_Ch810

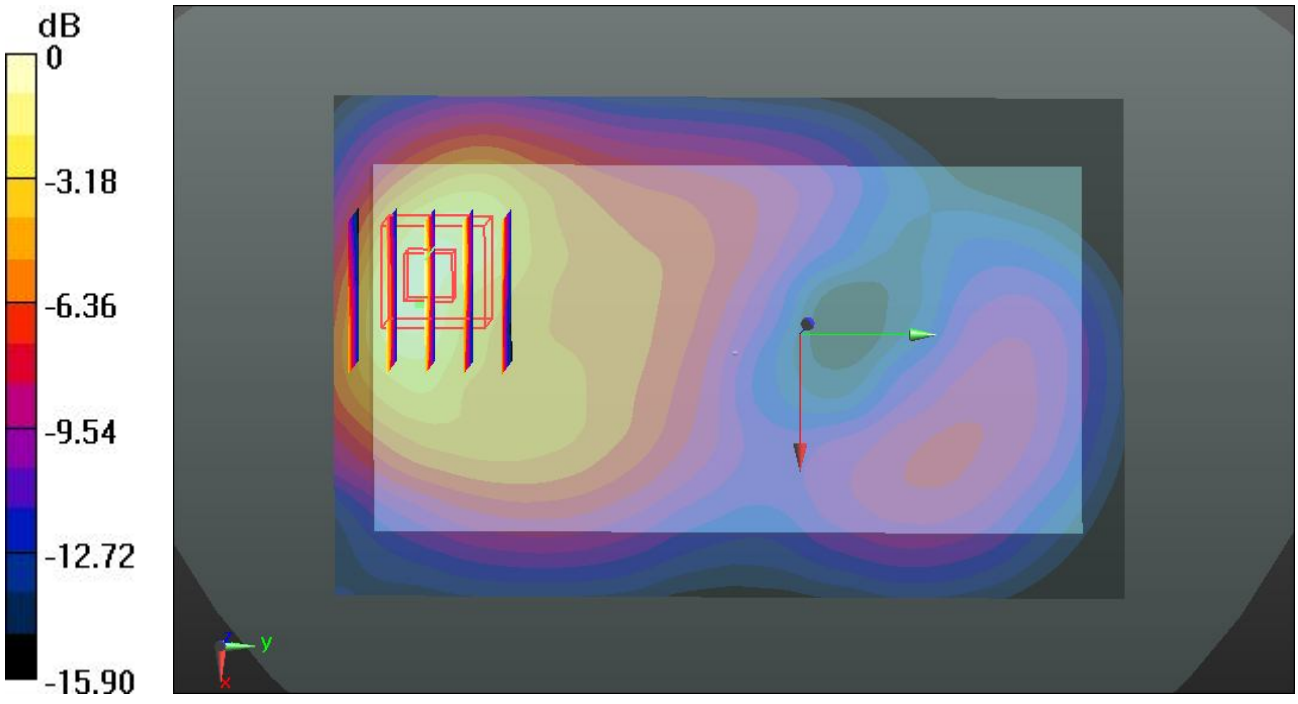
DUT: 341702

Communication System: Generic GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_130422 Medium parameters used: f = 1910 MHz; σ = 1.511 mho/m; ε_r = 53.819; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.730 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.918 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.010 mW/g
SAR(1 g) = 0.597 mW/g; SAR(10 g) = 0.324 mW/g
Maximum value of SAR (measured) = 0.795 W/kg



0 dB = 0.795 W/kg

42 WCDMA V_RMC 12.2K_Front_1cm_Ch4132

DUT: 341702

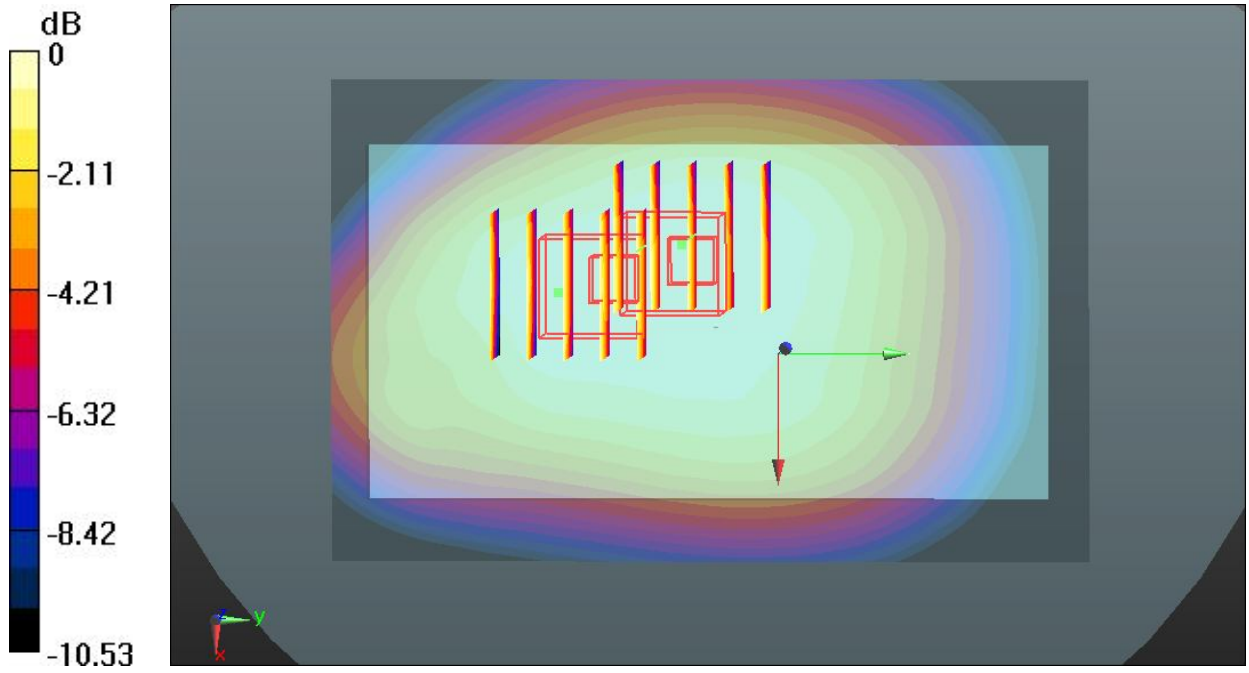
Communication System: UMTS; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130421 Medium parameters used: f = 826.4 MHz; σ = 0.96 mho/m; ε_r = 57.537; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

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 (71x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.631 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.181 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.687 mW/g
SAR(1 g) = 0.549 mW/g; SAR(10 g) = 0.429 mW/g
Maximum value of SAR (measured) = 0.625 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.181 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.667 mW/g
SAR(1 g) = 0.539 mW/g; SAR(10 g) = 0.424 mW/g
Maximum value of SAR (measured) = 0.610 W/kg



0 dB = 0.610 W/kg

43 WCDMA V_RMC 12.2K_Back_1cm_Ch4132

DUT: 341702

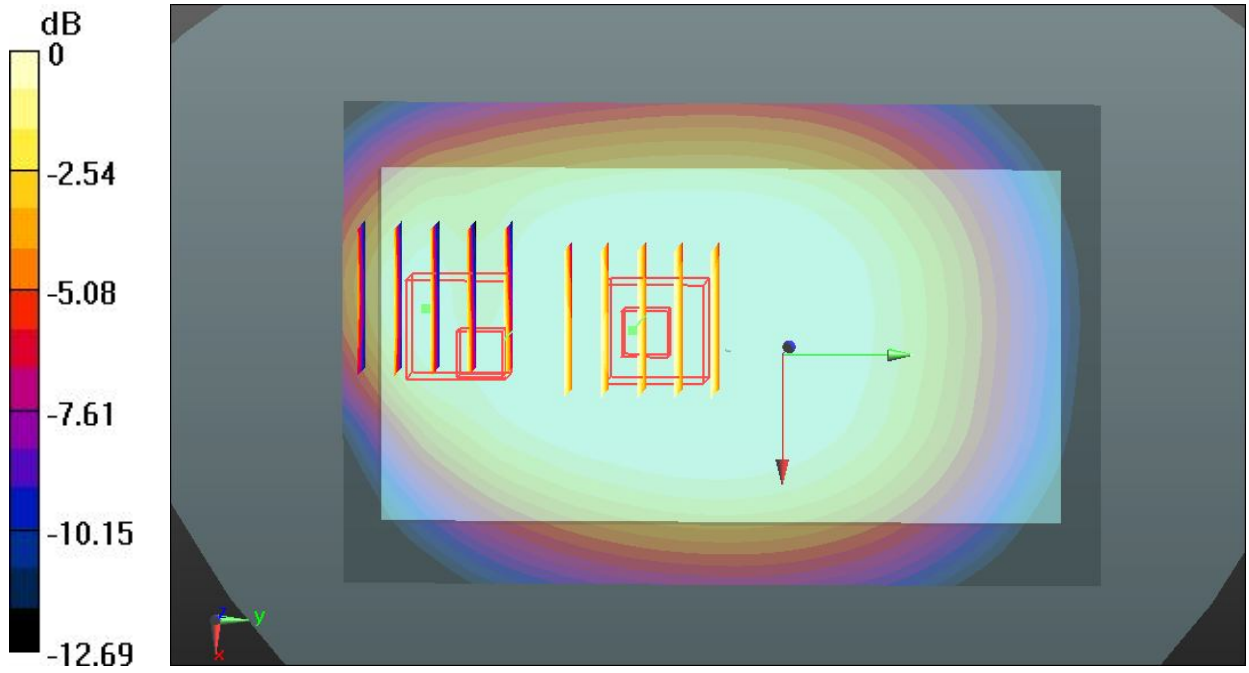
Communication System: UMTS; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130421 Medium parameters used: f = 826.4 MHz; σ = 0.96 mho/m; ε_r = 57.537; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

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 (71x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.837 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.020 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.904 mW/g
SAR(1 g) = 0.736 mW/g; SAR(10 g) = 0.579 mW/g
Maximum value of SAR (measured) = 0.831 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.020 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.679 mW/g
SAR(1 g) = 0.457 mW/g; SAR(10 g) = 0.305 mW/g
Maximum value of SAR (measured) = 0.619 W/kg



0 dB = 0.619 W/kg

44 WCDMA V_RMC 12.2K_Left Side_1cm_Ch4132

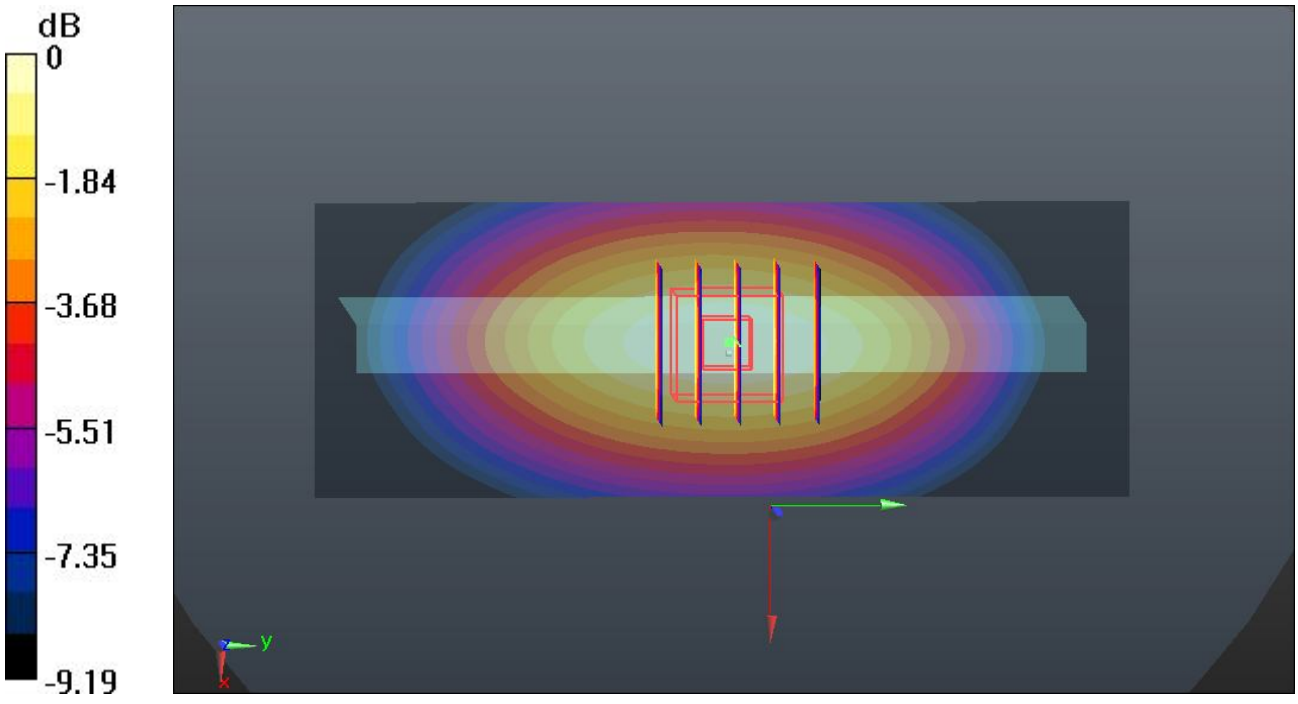
DUT: 341702

Communication System: UMTS; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130421 Medium parameters used: f = 826.4 MHz; σ = 0.96 mho/m; ε_r = 57.537; 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 (41x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.864 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.696 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.983 mW/g
SAR(1 g) = 0.709 mW/g; SAR(10 g) = 0.497 mW/g
Maximum value of SAR (measured) = 0.858 W/kg



0 dB = 0.858 W/kg

45 WCDMA V_RMC 12.2K_Right Side_1cm_Ch4132

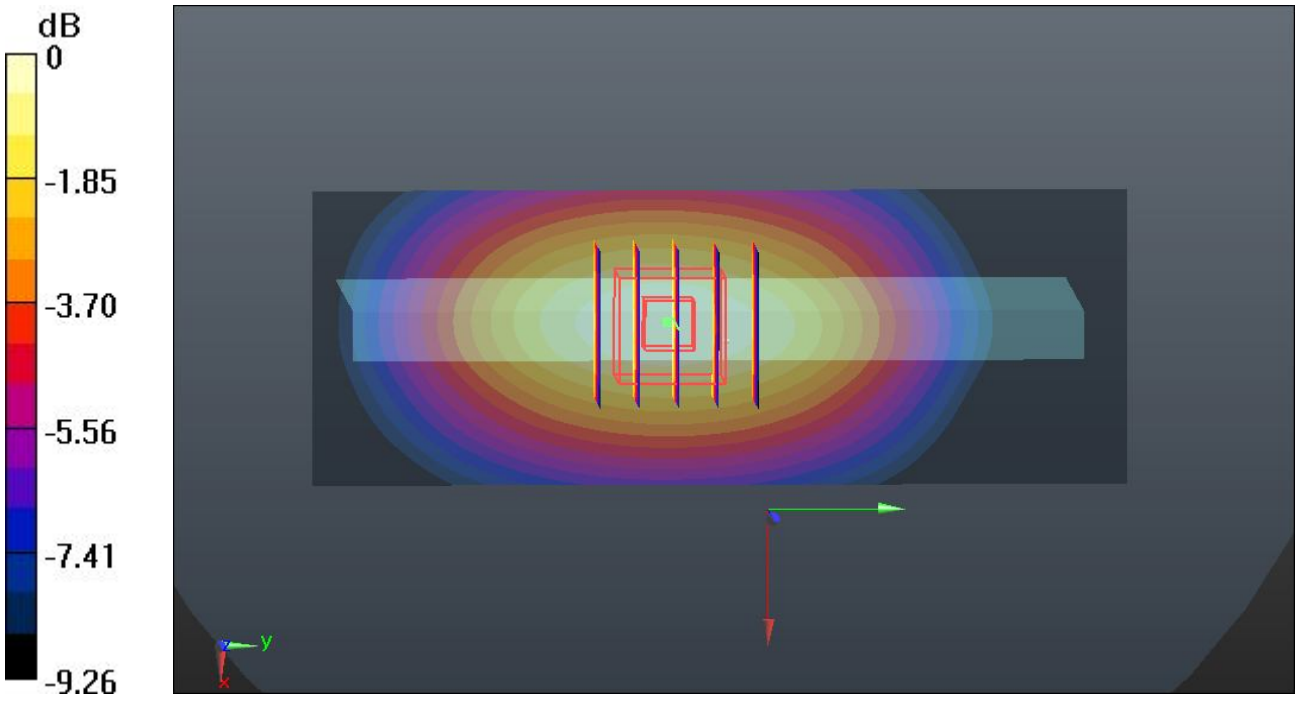
DUT: 341702

Communication System: UMTS; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130421 Medium parameters used: f = 826.4 MHz; σ = 0.96 mho/m; ε_r = 57.537; 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 (41x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.558 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.721 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.635 mW/g
SAR(1 g) = 0.457 mW/g; SAR(10 g) = 0.319 mW/g
Maximum value of SAR (measured) = 0.555 W/kg



0 dB = 0.555 W/kg

46 WCDMA V_RMC 12.2K_Bottom Side_1cm_Ch4132

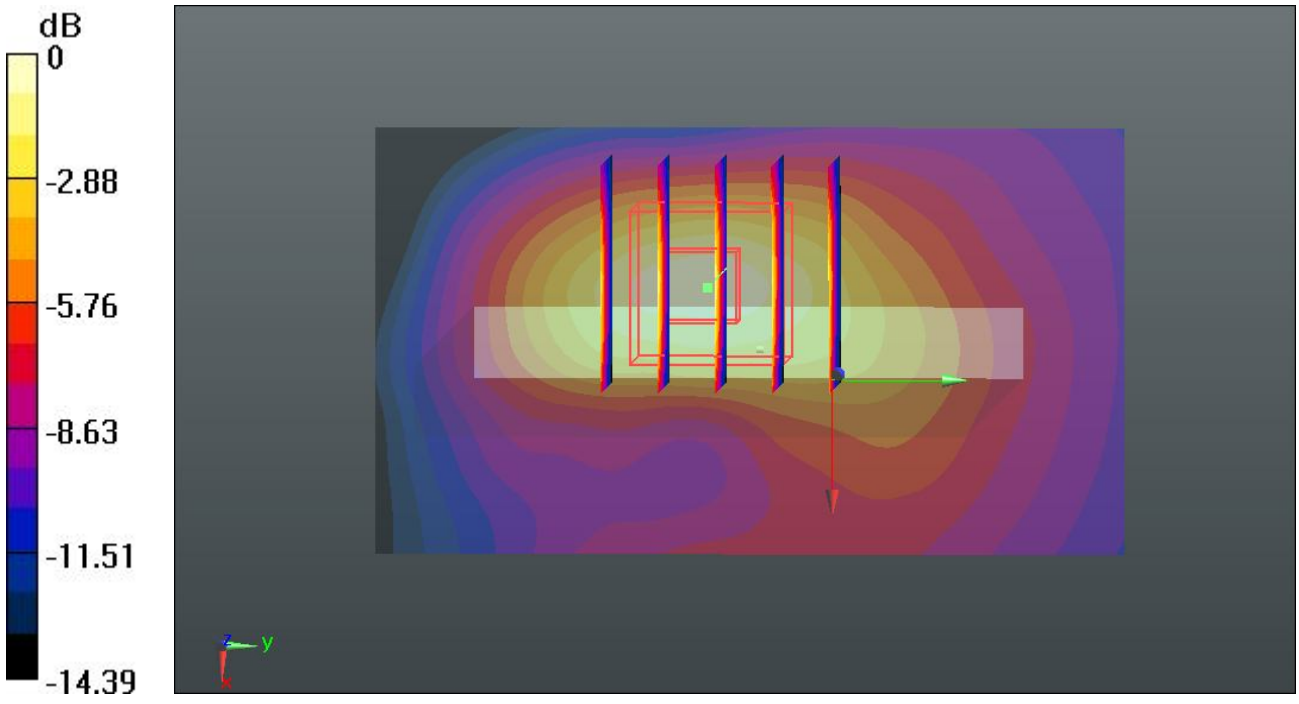
DUT: 341702

Communication System: UMTS; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130421 Medium parameters used: f = 826.4 MHz; σ = 0.96 mho/m; ε_r = 57.537; 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 (41x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.208 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.820 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.290 mW/g
SAR(1 g) = 0.166 mW/g; SAR(10 g) = 0.091 mW/g
Maximum value of SAR (measured) = 0.226 W/kg



0 dB = 0.226 W/kg

47 WCDMA V_RMC 12.2K_Front_1cm_Ch4182

DUT: 341702

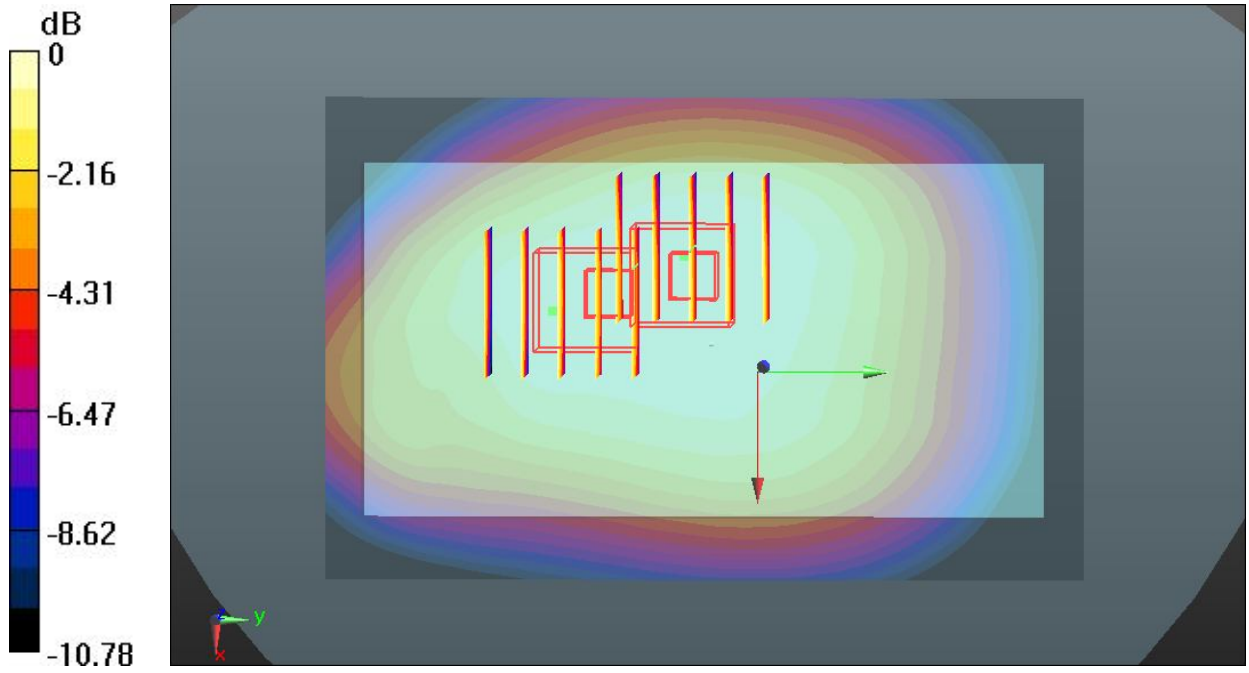
Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130421 Medium parameters used: f = 836.4 MHz; σ = 0.969 mho/m; ε_r = 57.444; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

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 (71x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.541 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.053 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.591 mW/g
SAR(1 g) = 0.469 mW/g; SAR(10 g) = 0.363 mW/g
Maximum value of SAR (measured) = 0.534 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.053 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.567 mW/g
SAR(1 g) = 0.456 mW/g; SAR(10 g) = 0.357 mW/g
Maximum value of SAR (measured) = 0.518 W/kg



0 dB = 0.518 W/kg

48 WCDMA V_RMC 12.2K_Front_1cm_Ch4233

DUT: 341702

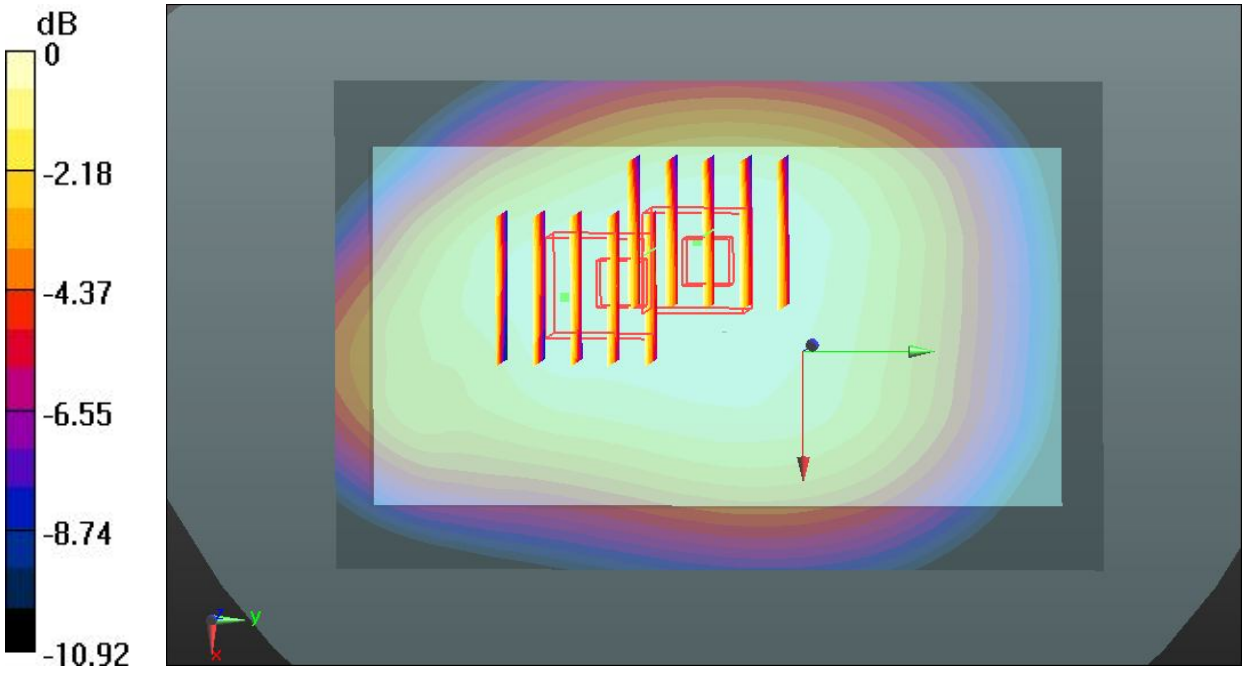
Communication System: UMTS; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_130421 Medium parameters used: f = 847 MHz; σ = 0.979 mho/m; ε_r = 57.353; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

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 (71x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.546 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.045 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.598 mW/g
SAR(1 g) = 0.476 mW/g; SAR(10 g) = 0.369 mW/g
Maximum value of SAR (measured) = 0.542 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.045 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.576 mW/g
SAR(1 g) = 0.463 mW/g; SAR(10 g) = 0.362 mW/g
Maximum value of SAR (measured) = 0.527 W/kg



0 dB = 0.527 W/kg

49 WCDMA V_RMC 12.2K_Back_1cm_Ch4182

DUT: 341702

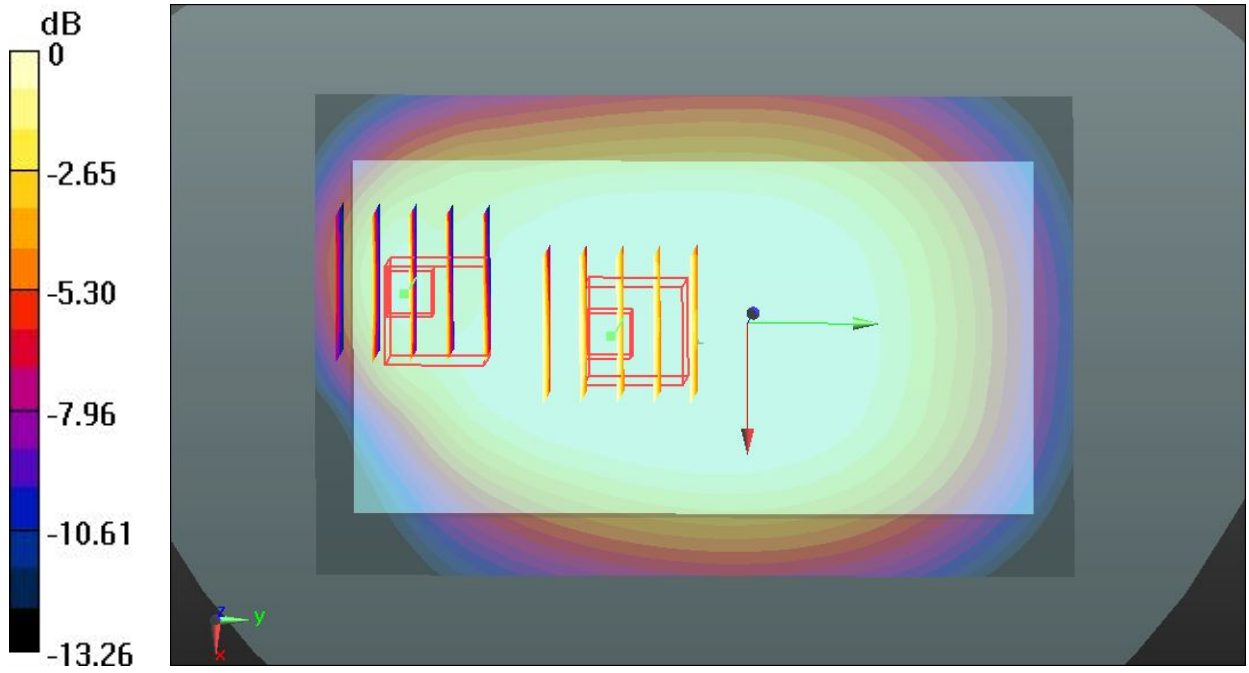
Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130421 Medium parameters used: f = 836.4 MHz; σ = 0.969 mho/m; ε_r = 57.444; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

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 (71x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.673 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.839 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.723 mW/g
SAR(1 g) = 0.589 mW/g; SAR(10 g) = 0.459 mW/g
Maximum value of SAR (measured) = 0.665 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.839 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.579 mW/g
SAR(1 g) = 0.361 mW/g; SAR(10 g) = 0.230 mW/g
Maximum value of SAR (measured) = 0.490 W/kg



0 dB = 0.490 W/kg

50 WCDMA V_RMC 12.2K_Back_1cm_Ch4233

DUT: 341702

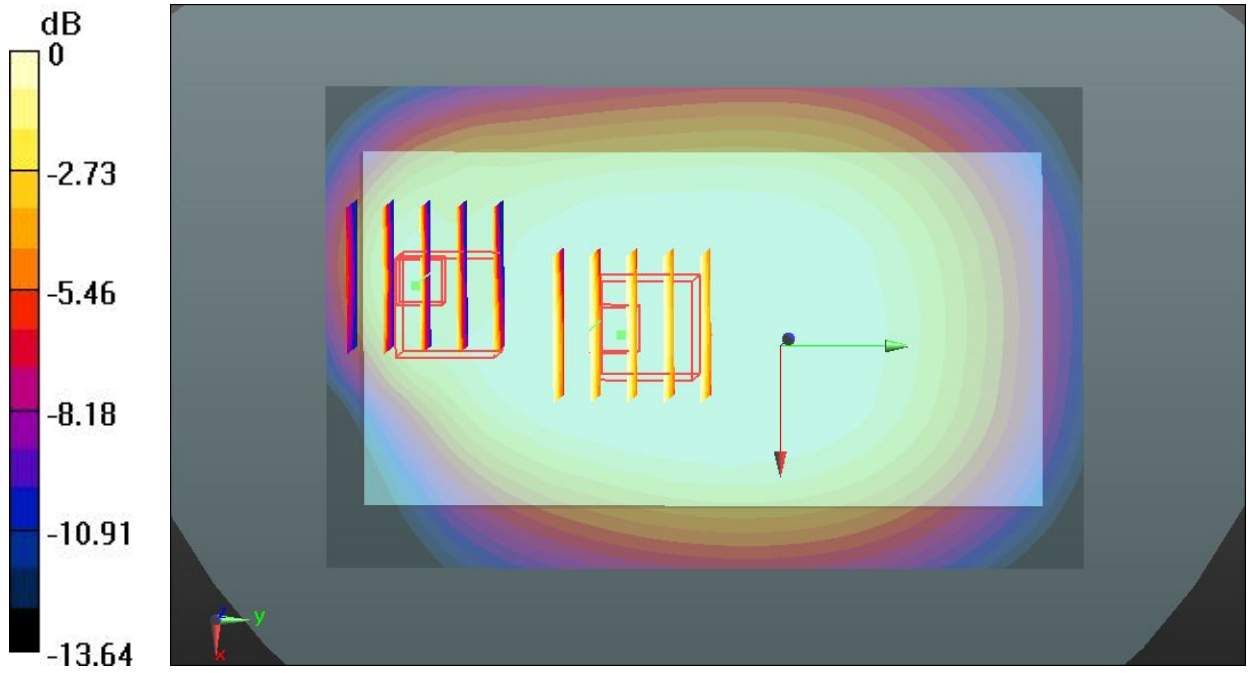
Communication System: UMTS; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_130421 Medium parameters used: f = 847 MHz; σ = 0.979 mho/m; ε_r = 57.353; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.5 ℃

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 (71x111x1): 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 = 26.863 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.739 mW/g
SAR(1 g) = 0.601 mW/g; SAR(10 g) = 0.467 mW/g
Maximum value of SAR (measured) = 0.681 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.863 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.617 mW/g
SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.236 mW/g
Maximum value of SAR (measured) = 0.520 W/kg



0 dB = 0.520 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 21.04.2013

51 WCDMA V_RMC 12.2K_Left Side_1cm_Ch4182

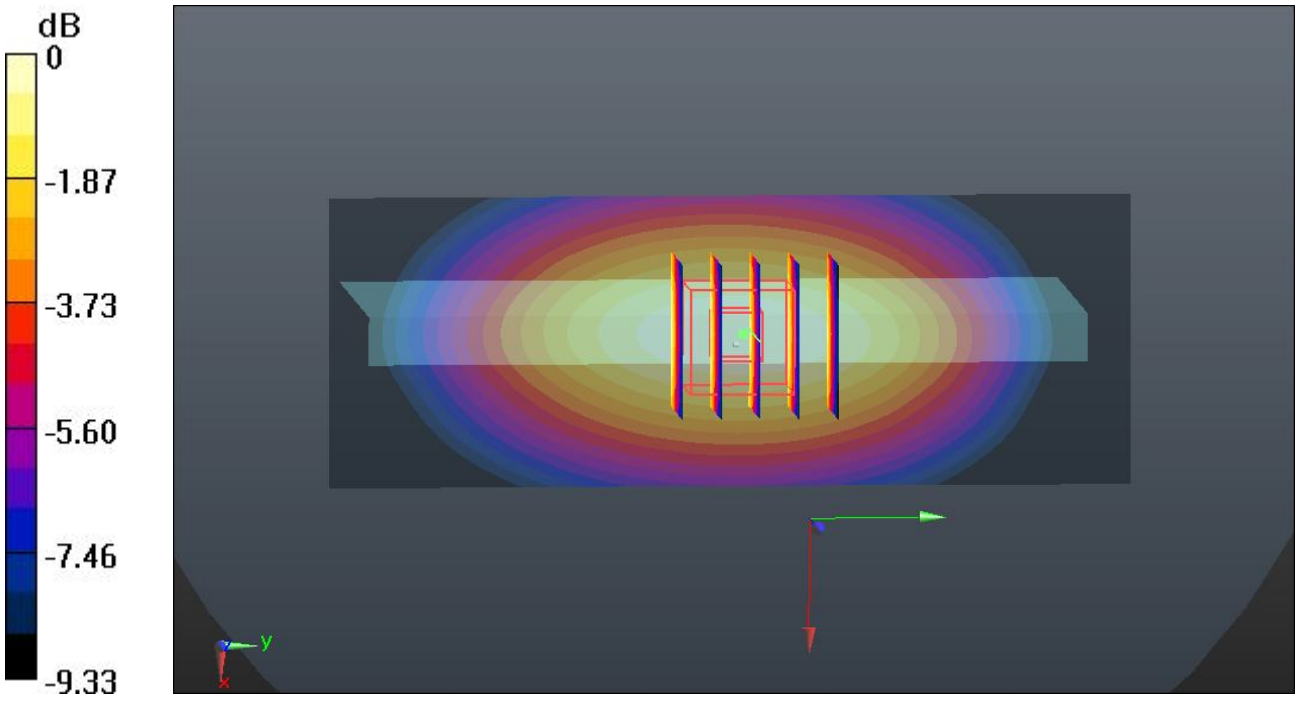
DUT: 341702

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130421 Medium parameters used: f = 836.4 MHz; σ = 0.969 mho/m; ε_r = 57.444; 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) = 0.659 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.689 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.755 mW/g
SAR(1 g) = 0.543 mW/g; SAR(10 g) = 0.379 mW/g
Maximum value of SAR (measured) = 0.658 W/kg



0 dB = 0.658 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 21.04.2013

52 WCDMA V_RMC 12.2K_Left Side_1cm_Ch4233

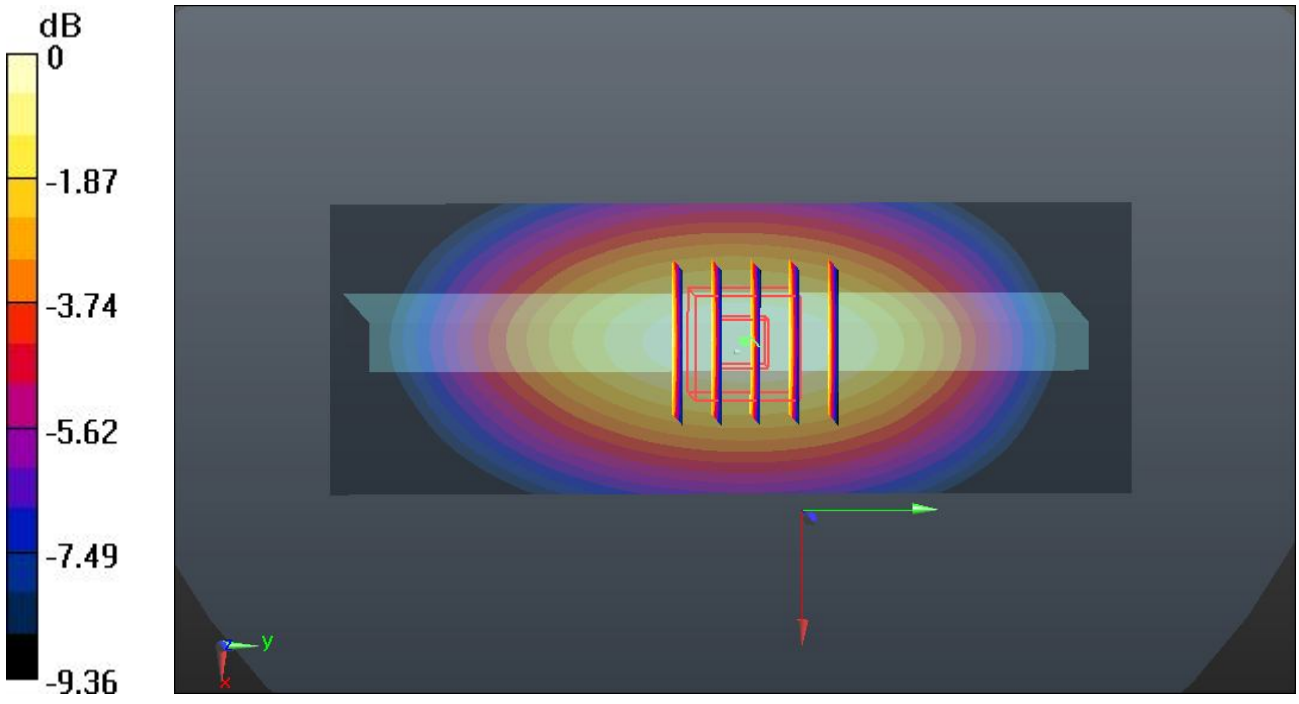
DUT: 341702

Communication System: UMTS; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_130421 Medium parameters used: f = 847 MHz; σ = 0.979 mho/m; ε_r = 57.353; 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 (41x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.792 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.101 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.904 mW/g
SAR(1 g) = 0.648 mW/g; SAR(10 g) = 0.451 mW/g
Maximum value of SAR (measured) = 0.787 W/kg



0 dB = 0.787 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 22.04.2013

30 WCDMA II_RMC 12.2K_Front_1cm_Ch9400

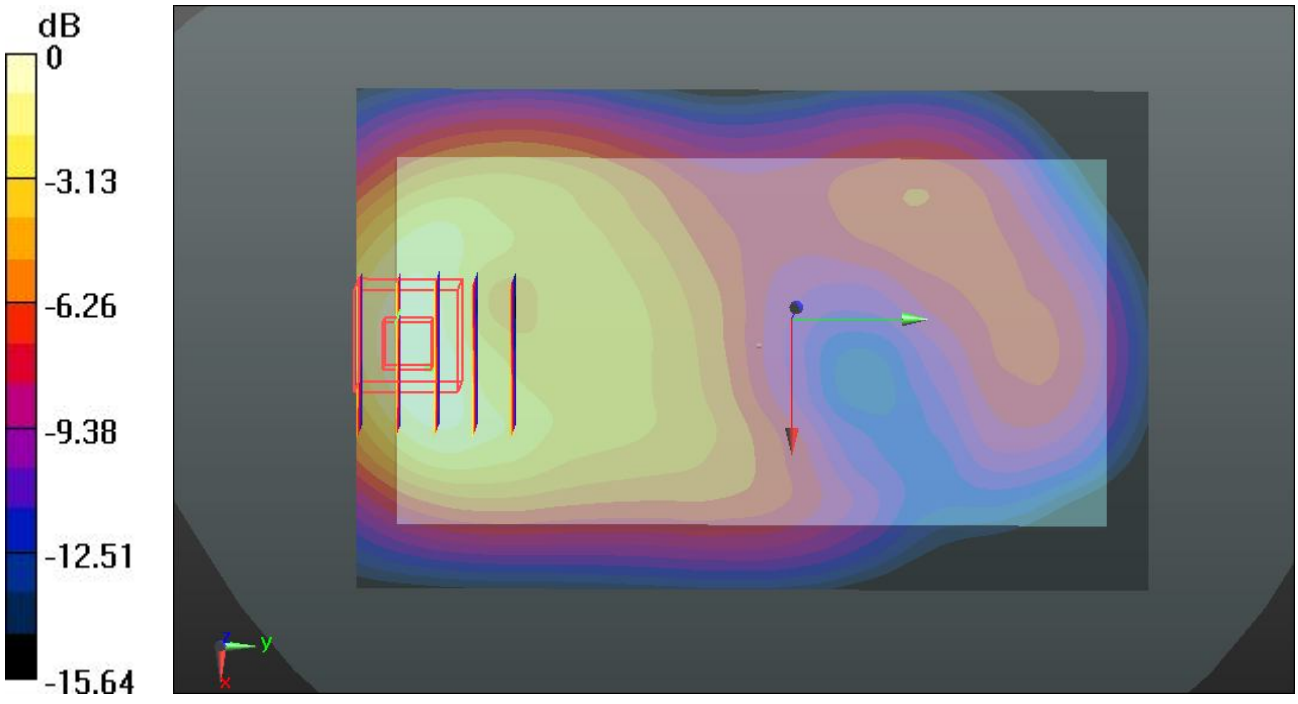
DUT: 341702

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130422 Medium parameters used: f = 1880 MHz; σ = 1.479 mho/m; ε_r = 53.835; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.05 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.882 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.298 mW/g
SAR(1 g) = 0.810 mW/g; SAR(10 g) = 0.471 mW/g
Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg

31 WCDMA II_RMC 12.2K_Back_1cm_Ch9400

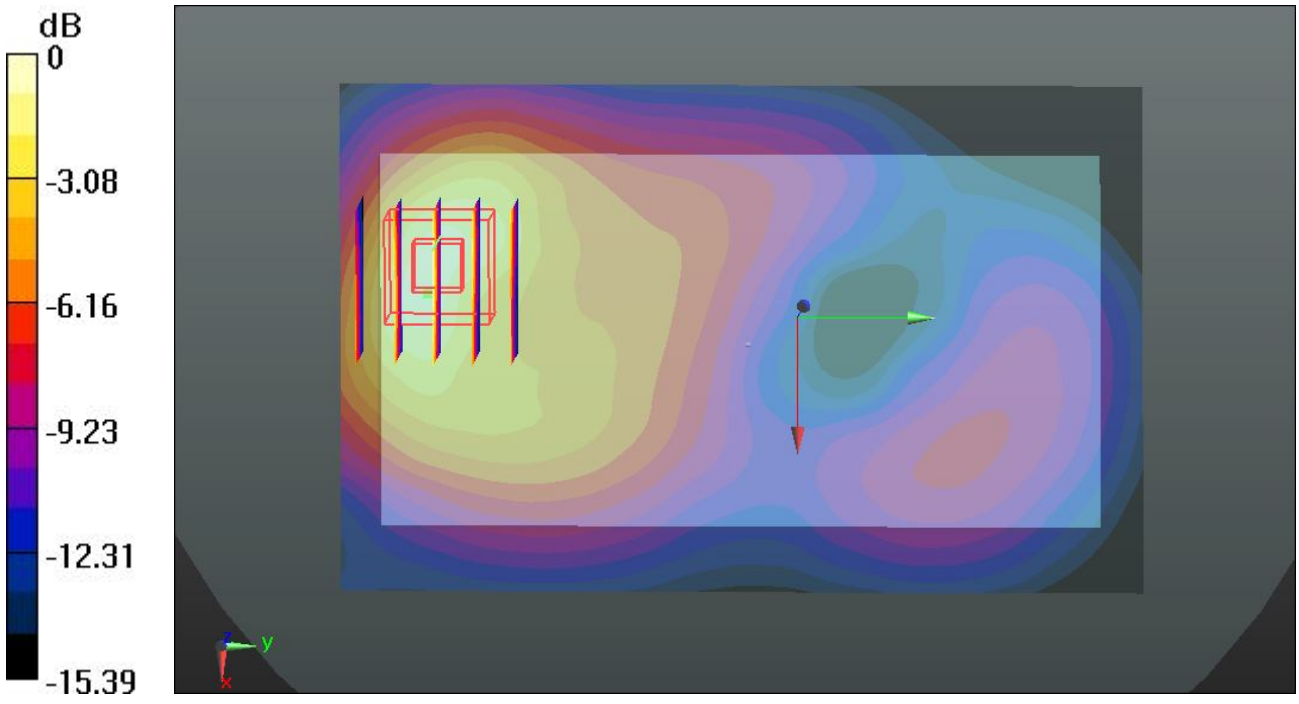
DUT: 341702

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130422 Medium parameters used: f = 1880 MHz; σ = 1.479 mho/m; ε_r = 53.835; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.36 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.546 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.829 mW/g
SAR(1 g) = 1.110 mW/g; SAR(10 g) = 0.622 mW/g
Maximum value of SAR (measured) = 1.46 W/kg



0 dB = 1.46 W/kg

41 WCDMA II_RMC 12.2K_Back_1cm_Ch9400_Repeat SAR

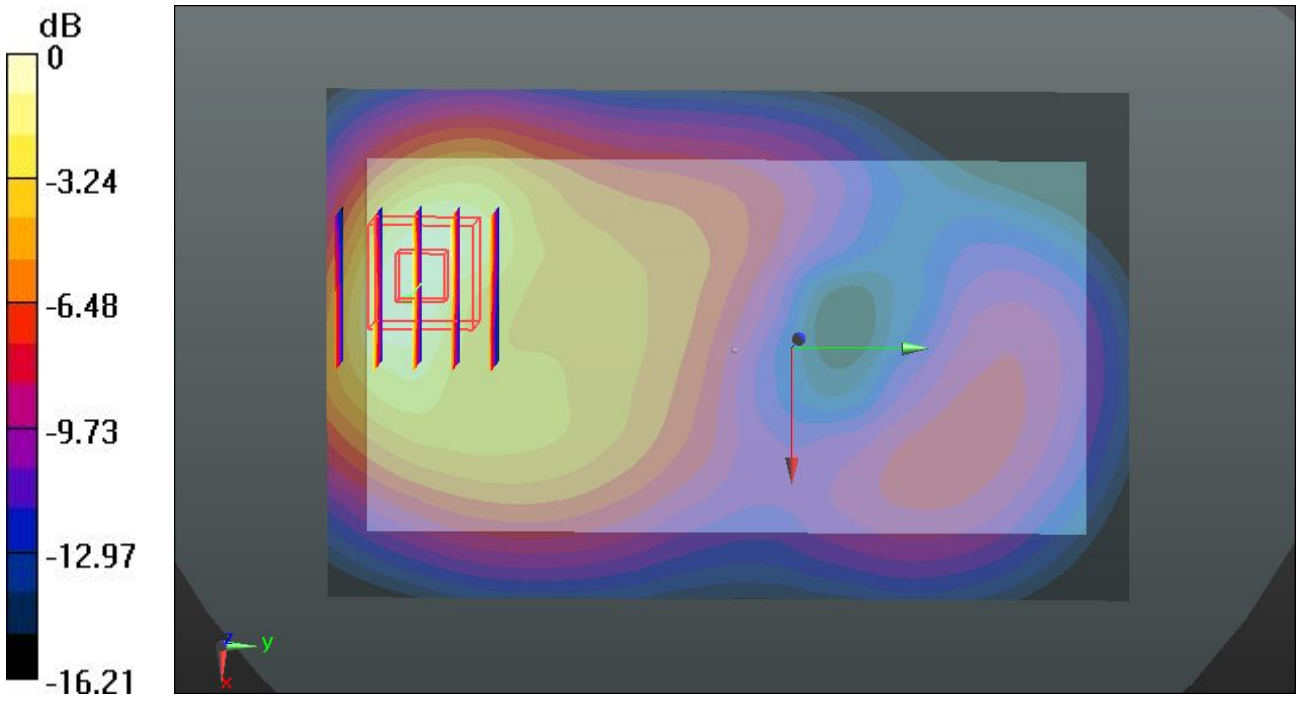
DUT: 341702

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130422 Medium parameters used: f = 1880 MHz; σ = 1.479 mho/m; ε_r = 53.835; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.56 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.563 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.802 mW/g
SAR(1 g) = 1.090 mW/g; SAR(10 g) = 0.606 mW/g
Maximum value of SAR (measured) = 1.46 W/kg



0 dB = 1.46 W/kg

32 WCDMA II_RMC 12.2K_Left Side_1cm_Ch9400

DUT: 341702

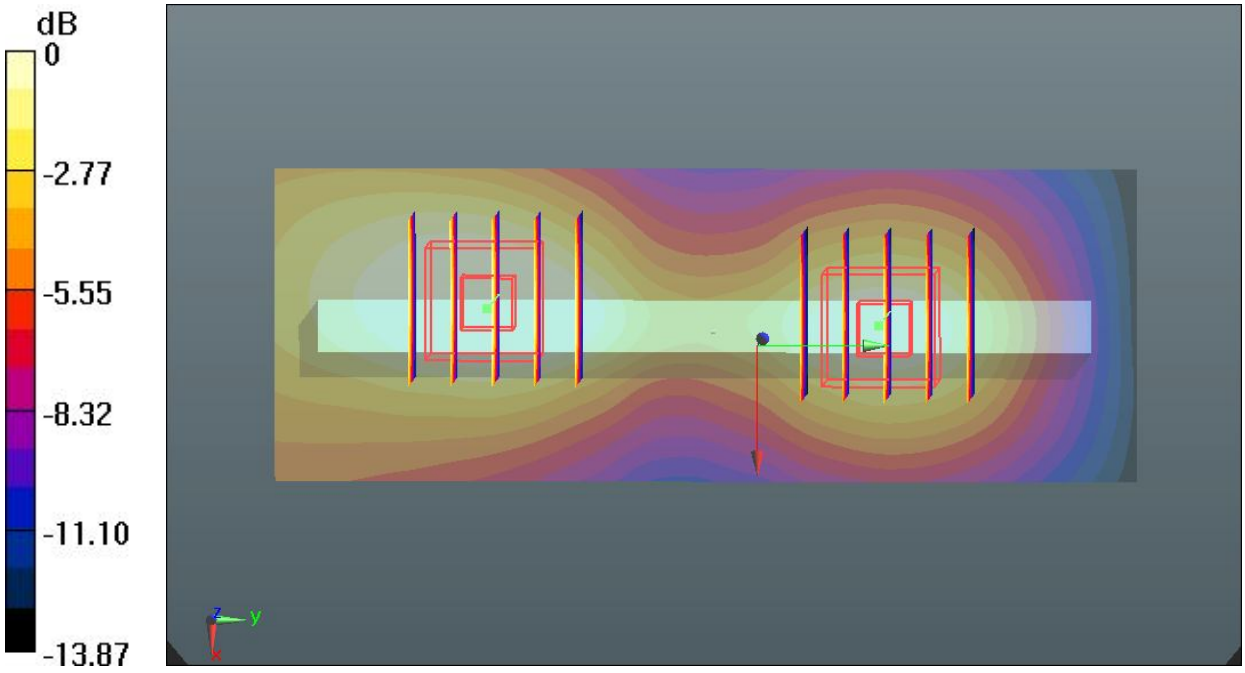
Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130422 Medium parameters used: f = 1880 MHz; σ = 1.479 mho/m; ε_r = 53.835; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- 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) = 0.374 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.119 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.448 mW/g
SAR(1 g) = 0.279 mW/g; SAR(10 g) = 0.167 mW/g
Maximum value of SAR (measured) = 0.371 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.119 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.329 mW/g
SAR(1 g) = 0.206 mW/g; SAR(10 g) = 0.124 mW/g
Maximum value of SAR (measured) = 0.270 W/kg



0 dB = 0.270 W/kg

33 WCDMA II_RMC 12.2K_Right Side_1cm_Ch9400

DUT: 341702

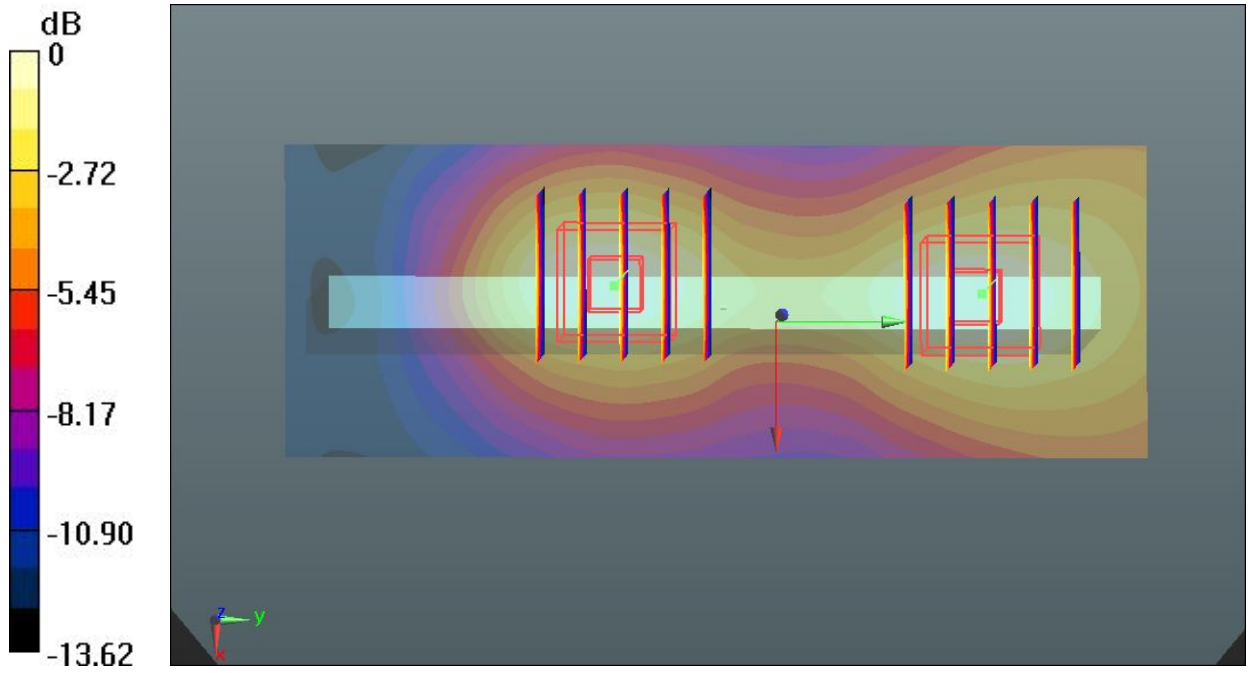
Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130422 Medium parameters used: f = 1880 MHz; σ = 1.479 mho/m; ε_r = 53.835; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- 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) = 0.257 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.323 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.313 mW/g
SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.119 mW/g
Maximum value of SAR (measured) = 0.254 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.323 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.301 mW/g
SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.115 mW/g
Maximum value of SAR (measured) = 0.251 W/kg



0 dB = 0.251 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 22.04.2013

34 WCDMA II_RMC 12.2K_Bottom Slide_1cm_Ch9400

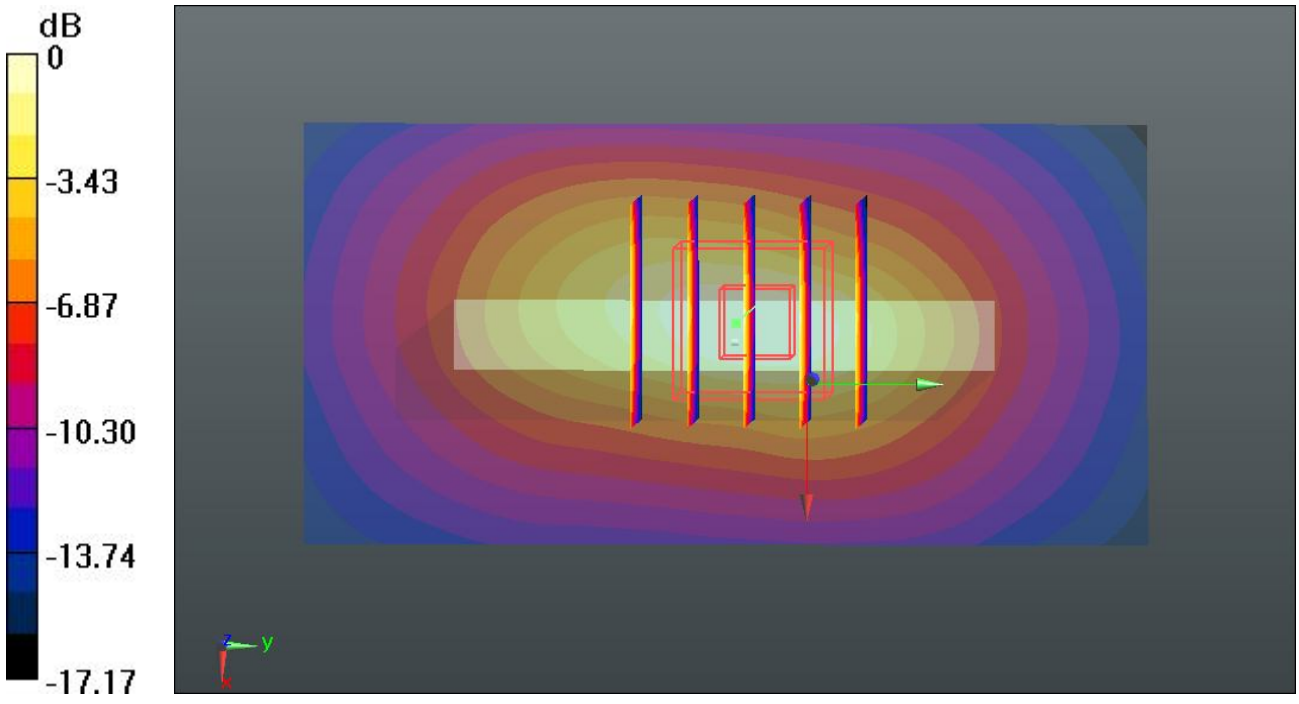
DUT: 341702

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130422 Medium parameters used: f = 1880 MHz; σ = 1.479 mho/m; ε_r = 53.835; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.28 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.249 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.602 mW/g
SAR(1 g) = 0.953 mW/g; SAR(10 g) = 0.516 mW/g
Maximum value of SAR (measured) = 1.30 W/kg



0 dB = 1.30 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 22.04.2013

35 WCDMA II_RMC 12.2K_Front_1cm_Ch9262

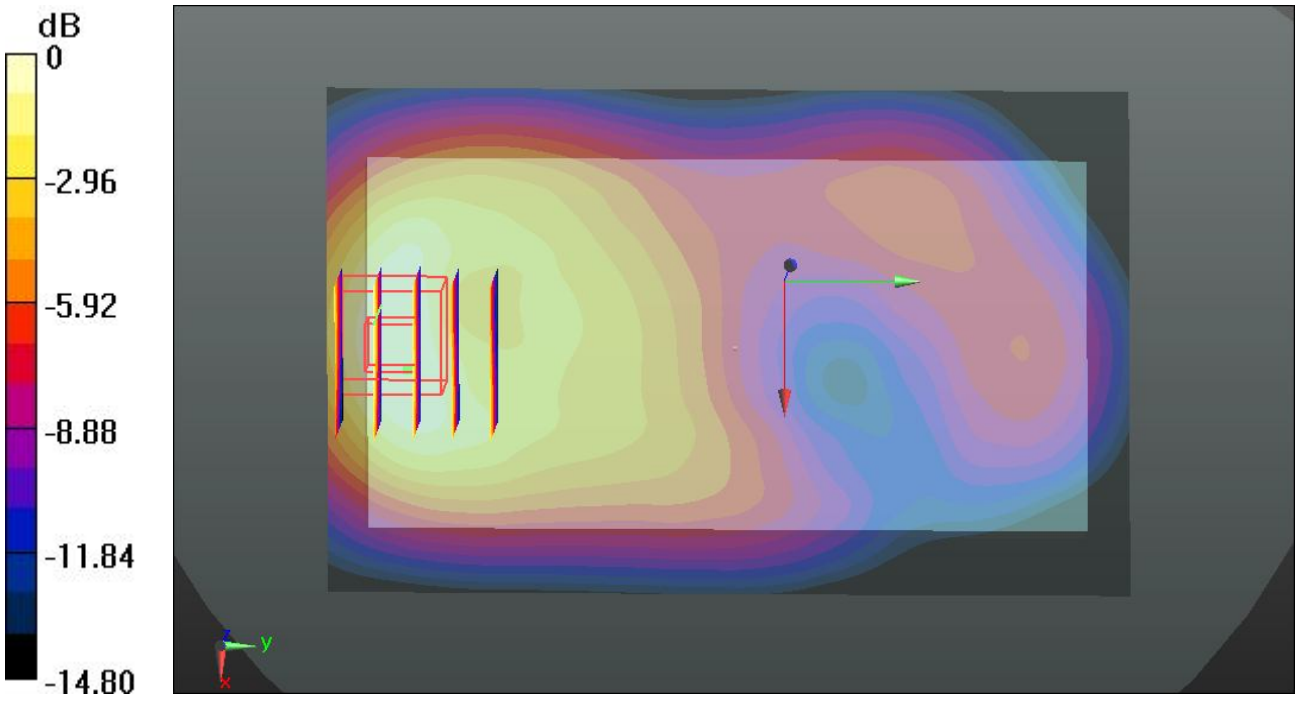
DUT: 341702

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130422 Medium parameters used: f = 1852.4 MHz; σ = 1.444 mho/m; ε_r = 53.844; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.987 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.997 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.154 mW/g
SAR(1 g) = 0.733 mW/g; SAR(10 g) = 0.433 mW/g
Maximum value of SAR (measured) = 0.926 W/kg



0 dB = 0.926 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 22.04.2013

36 WCDMA II_RMC 12.2K_Front_1cm_Ch9538

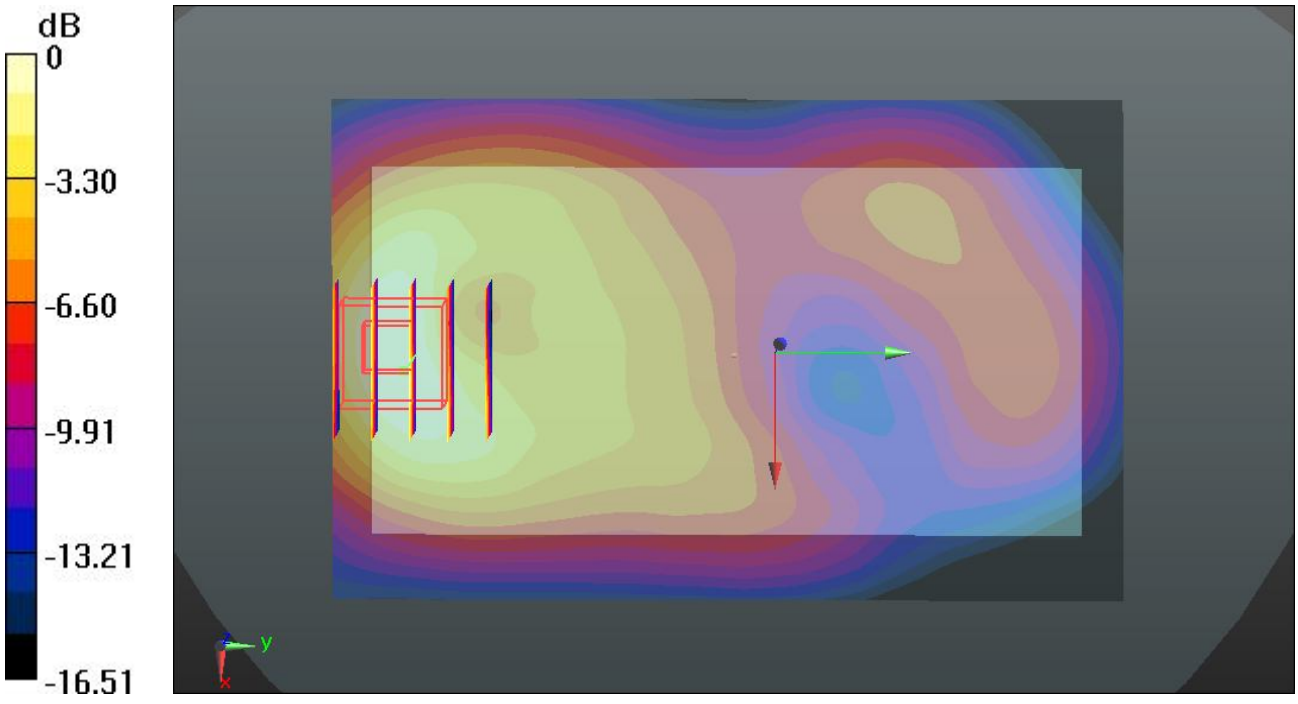
DUT: 341702

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130422 Medium parameters used: f = 1908 MHz; σ = 1.509 mho/m; ε_r = 53.826; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9538/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.08 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.972 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.313 mW/g
SAR(1 g) = 0.807 mW/g; SAR(10 g) = 0.462 mW/g
Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 22.04.2013

37 WCDMA II_RMC 12.2K_Back_1cm_Ch9262

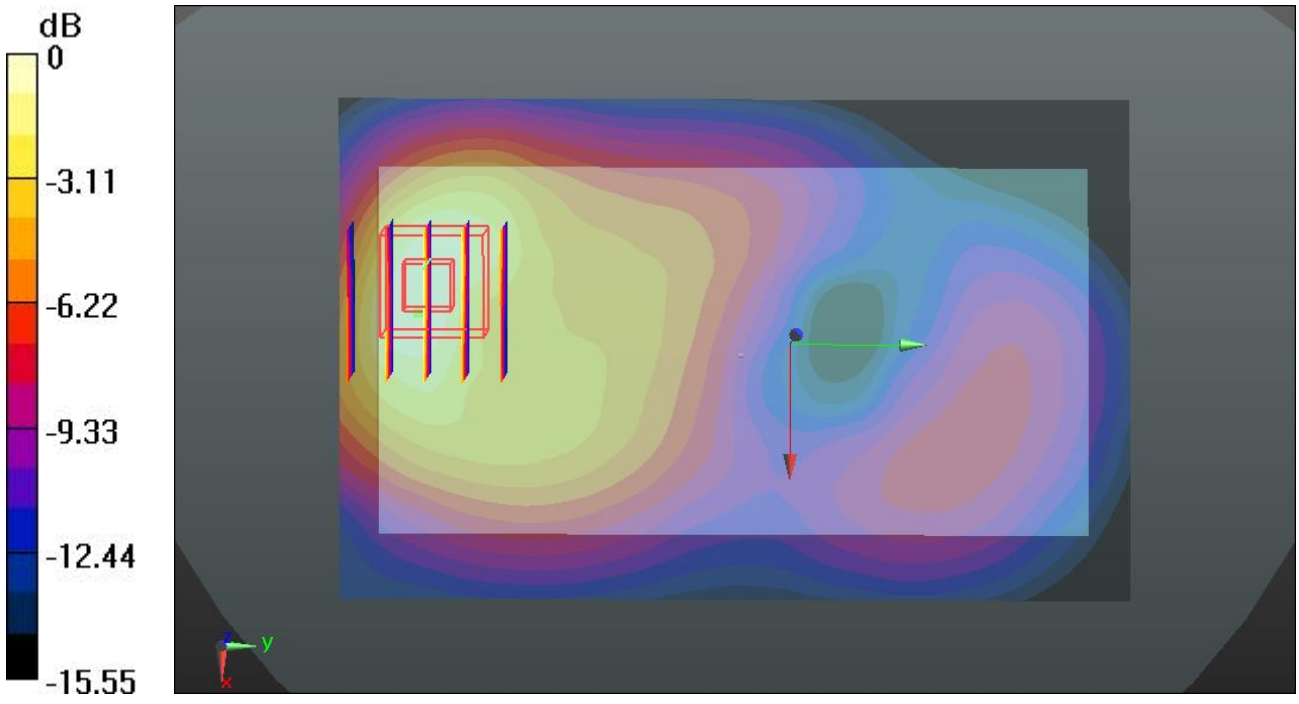
DUT: 341702

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130422 Medium parameters used: f = 1852.4 MHz; σ = 1.444 mho/m; ε_r = 53.844; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.43 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.113 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.615 mW/g
SAR(1 g) = 0.985 mW/g; SAR(10 g) = 0.554 mW/g
Maximum value of SAR (measured) = 1.29 W/kg



0 dB = 1.29 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 22.04.2013

38 WCDMA II_RMC 12.2K_Back_1cm_Ch9538

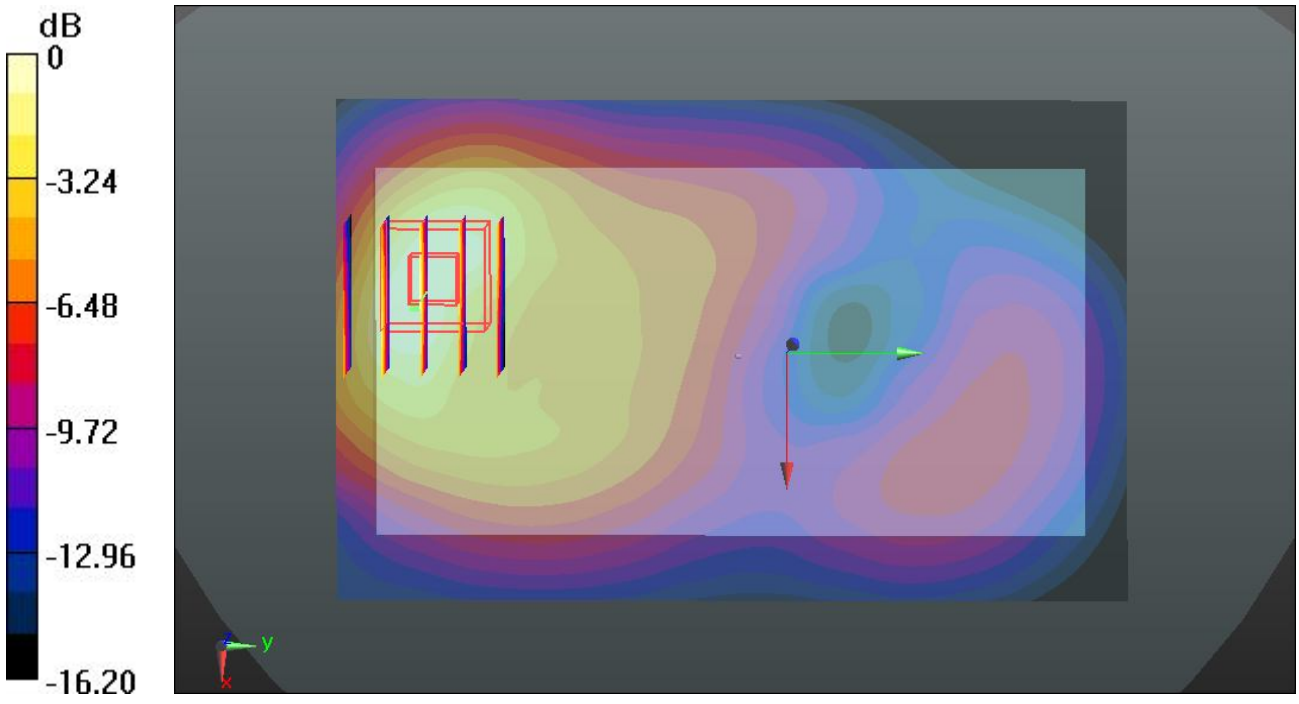
DUT: 341702

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130422 Medium parameters used: f = 1908 MHz; σ = 1.509 mho/m; ε_r = 53.826; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9538/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.56 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.202 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.798 mW/g
SAR(1 g) = 1.080 mW/g; SAR(10 g) = 0.597 mW/g
Maximum value of SAR (measured) = 1.43 W/kg



0 dB = 1.43 W/kg

39 WCDMA II_RMC 12.2K_Bottom Side_1cm_Ch9262

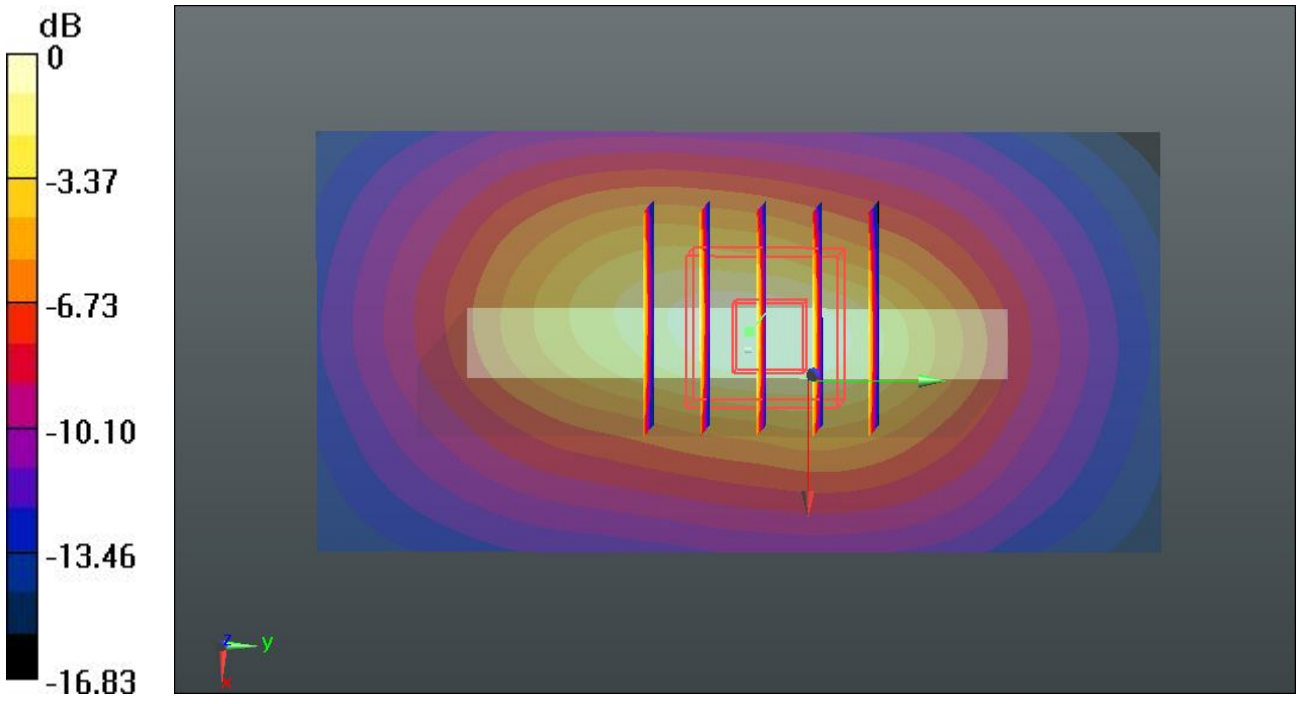
DUT: 341702

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130422 Medium parameters used: f = 1852.4 MHz; σ = 1.444 mho/m; ε_r = 53.844; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.28 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.574 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.591 mW/g
SAR(1 g) = 0.956 mW/g; SAR(10 g) = 0.524 mW/g
Maximum value of SAR (measured) = 1.29 W/kg



0 dB = 1.29 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 22.04.2013

40 WCDMA II_RMC 12.2K_Bottom Side_1cm_Ch9538

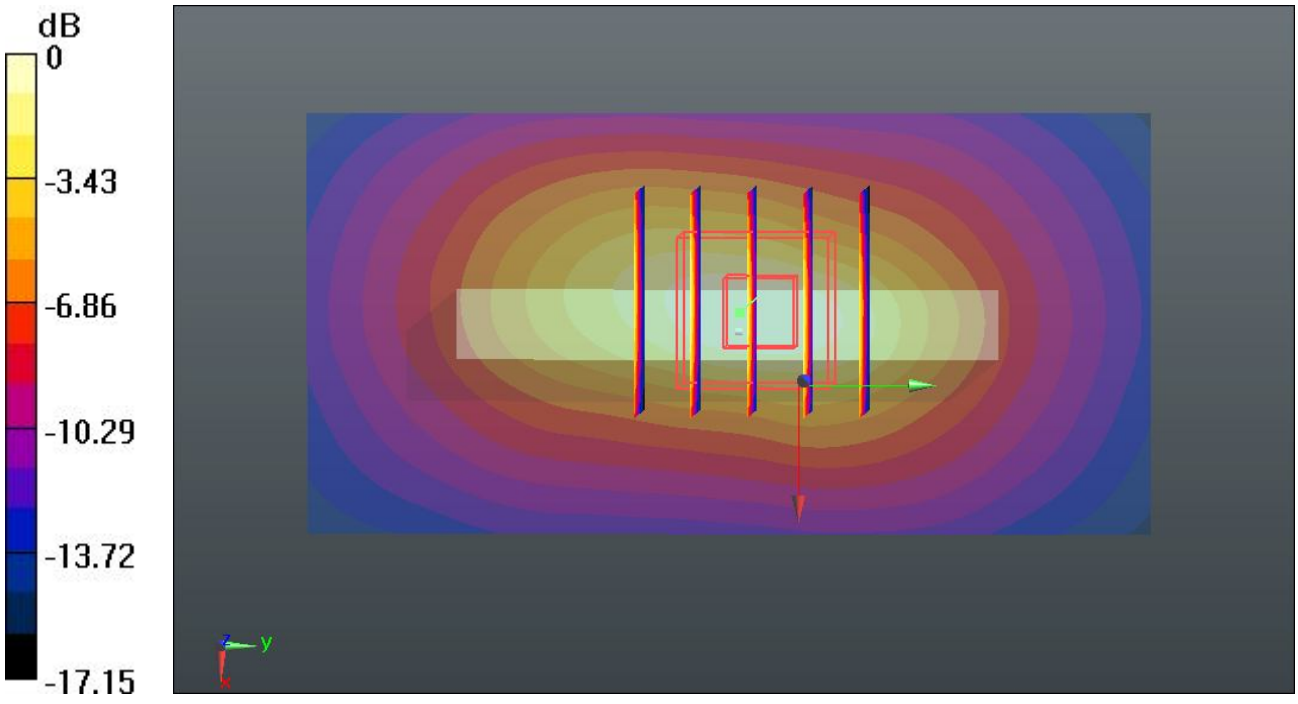
DUT: 341702

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130422 Medium parameters used: f = 1908 MHz; σ = 1.509 mho/m; ε_r = 53.826; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.7 ℃

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9538/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.27 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.817 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.595 mW/g
SAR(1 g) = 0.940 mW/g; SAR(10 g) = 0.505 mW/g
Maximum value of SAR (measured) = 1.29 W/kg



0 dB = 1.29 W/kg

69 WLAN2.4G_802.11b_Front_1cm_Ch11

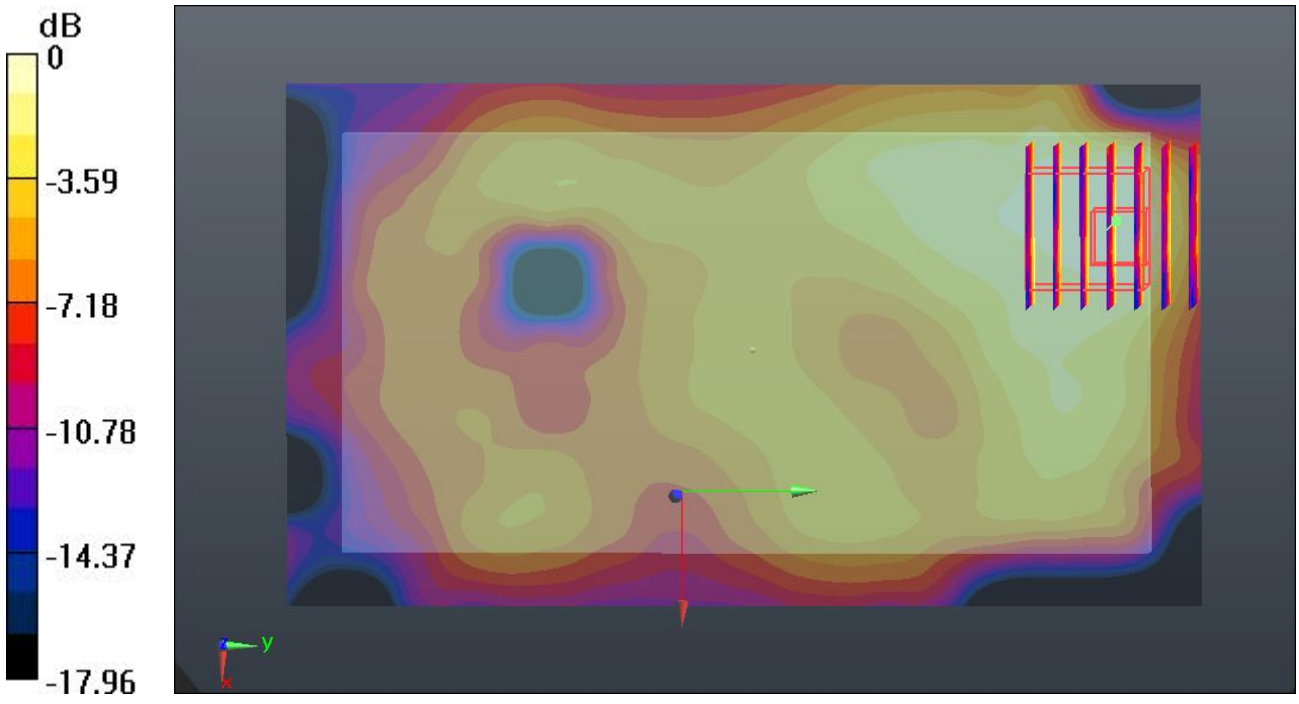
DUT: 341702

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130502 Medium parameters used: f = 2462 MHz; σ = 2 mho/m; ε_r = 54.071; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.8 ℃

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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0452 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.423 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.056 mW/g
SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.013 mW/g
Maximum value of SAR (measured) = 0.0401 W/kg



0 dB = 0.0401 W/kg

70 WLAN2.4G_802.11b_Back_1cm_Ch11

DUT: 341702

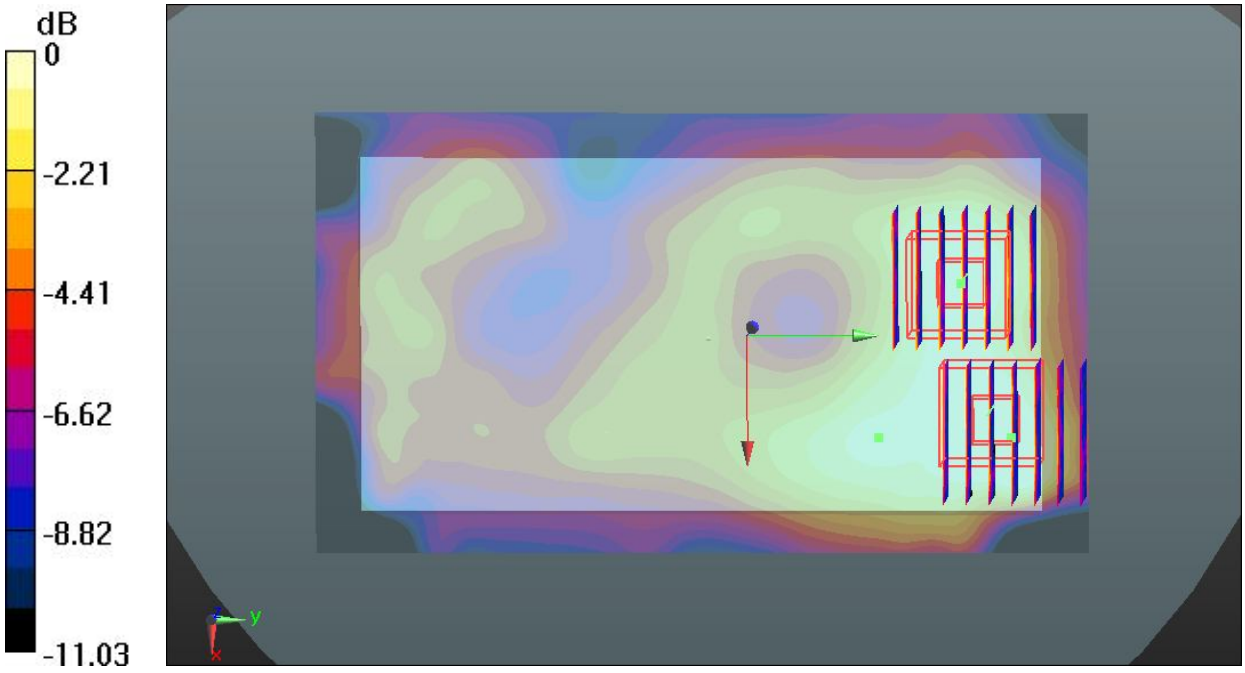
Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130502 Medium parameters used: f = 2462 MHz; σ = 2 mho/m; ε_r = 54.071; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.8 ℃

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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0234 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.001 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.023 mW/g
SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.0086 mW/g
Maximum value of SAR (measured) = 0.0199 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.001 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.026 mW/g
SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00779 mW/g
Maximum value of SAR (measured) = 0.0203 W/kg



0 dB = 0.0203 W/kg

71 WLAN2.4G_802.11b_ Left Side_1cm_Ch11

DUT: 341702

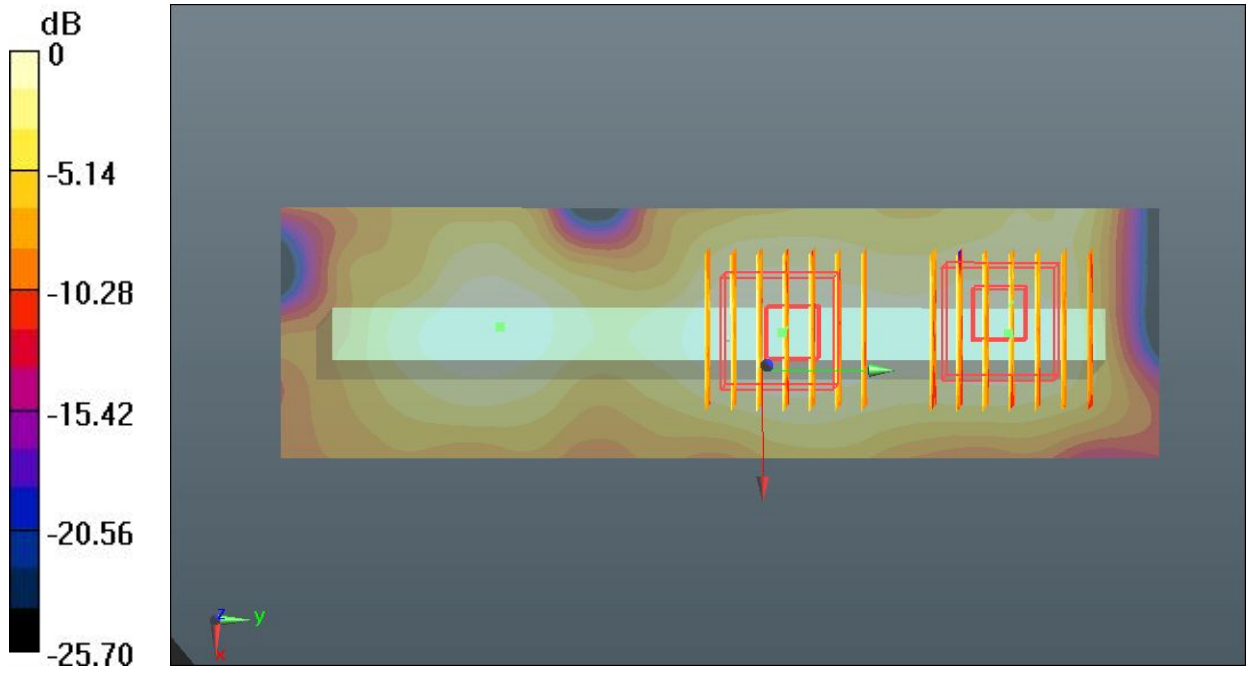
Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130502 Medium parameters used: f = 2462 MHz; σ = 2 mho/m; ε_r = 54.071; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.8 ℃

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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (41x141x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0263 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.480 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.084 mW/g
SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00957 mW/g
Maximum value of SAR (measured) = 0.0256 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.480 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.026 mW/g
SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00801 mW/g
Maximum value of SAR (measured) = 0.0208 W/kg



0 dB = 0.0208 W/kg

72 WLAN2.4G_802.11b_Top Side_1cm_Ch11

DUT: 341702

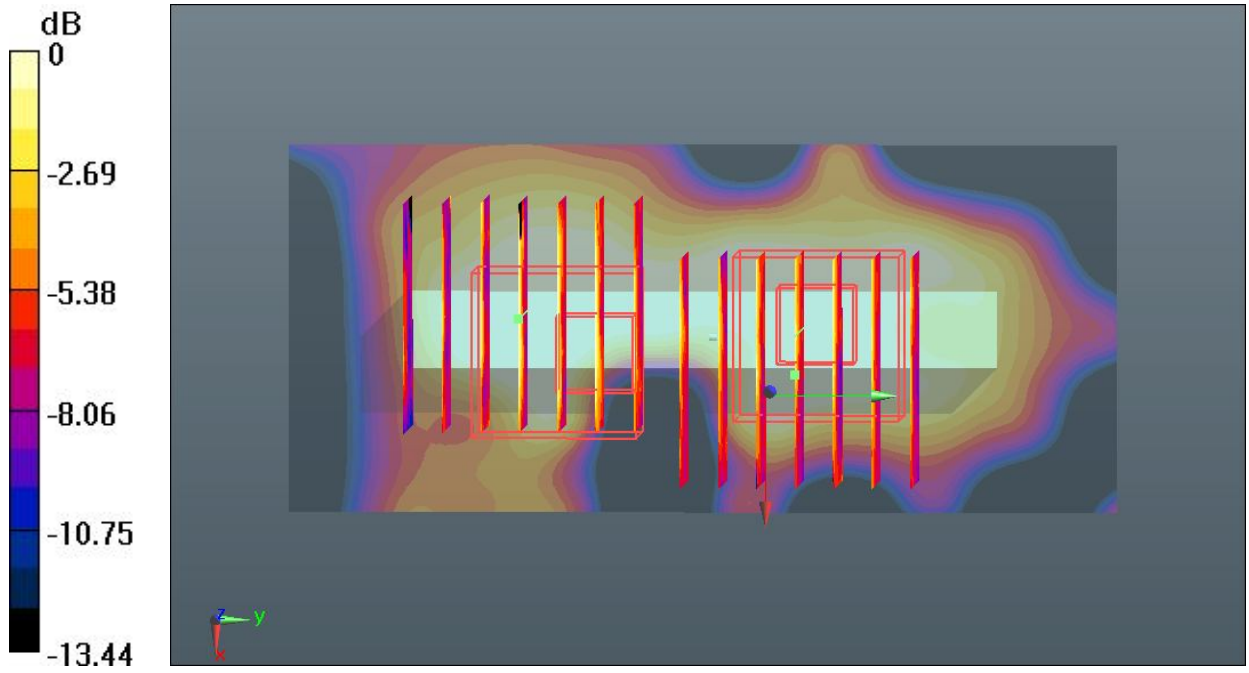
Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130502 Medium parameters used: f = 2462 MHz; σ = 2 mho/m; ε_r = 54.071; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.8 ℃

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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (41x91x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0245 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.594 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.027 mW/g
SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00517 mW/g
Maximum value of SAR (measured) = 0.0234 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.594 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.017 mW/g
SAR(1 g) = 0.00949 mW/g; SAR(10 g) = 0.00582 mW/g
Maximum value of SAR (measured) = 0.0142 W/kg



0 dB = 0.0142 W/kg

81 BT_Front_1cm_Ch39

DUT: 341702

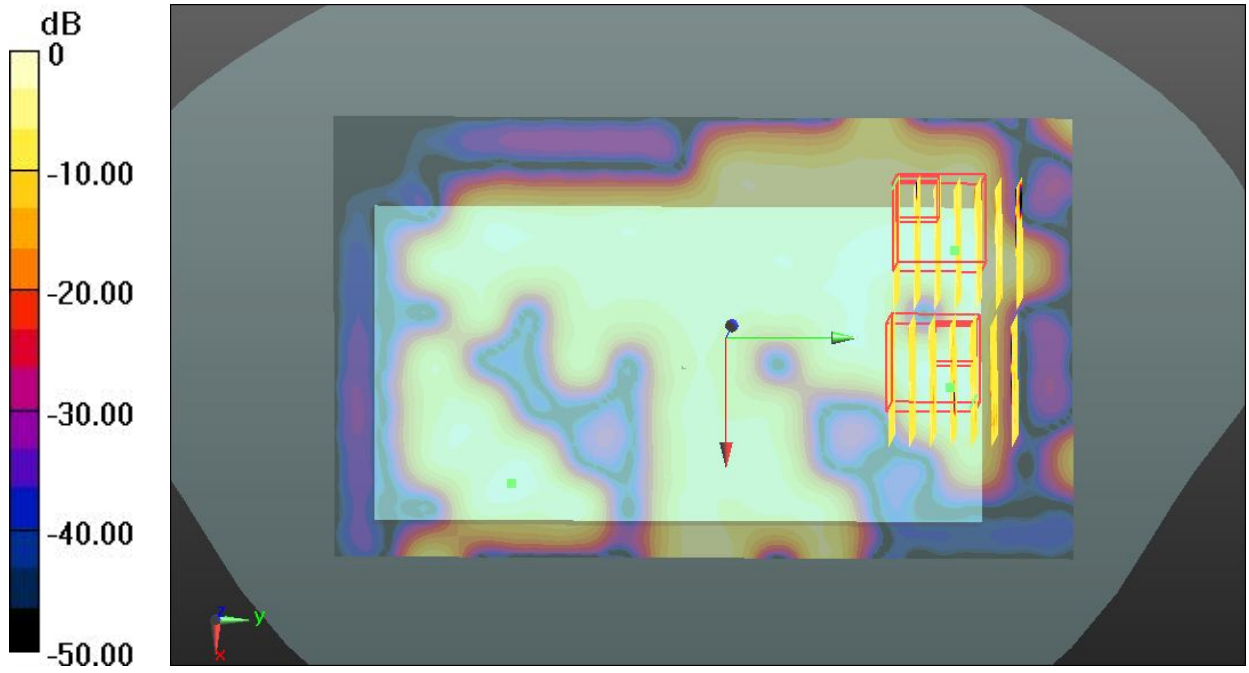
Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:3.15
Medium: MSL_2450_130502 Medium parameters used: f = 2441 MHz; σ = 1.957 mho/m; ε_r = 54.144; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.8 ℃

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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch39/Area Scan (91x151x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0161 W/kg

Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.025 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.00604 mW/g
SAR(1 g) = 0.000785 mW/g; SAR(10 g) = 0.00024 mW/g
Maximum value of SAR (measured) = 0.0138 W/kg

Ch39/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.025 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.00951 mW/g
SAR(1 g) = 0.000101 mW/g; SAR(10 g) = 1.64e-005 mW/g
Maximum value of SAR (measured) = 0.0145 W/kg



0 dB = 0.0145 W/kg

82 BT_Back_1cm_Ch39

DUT: 341702

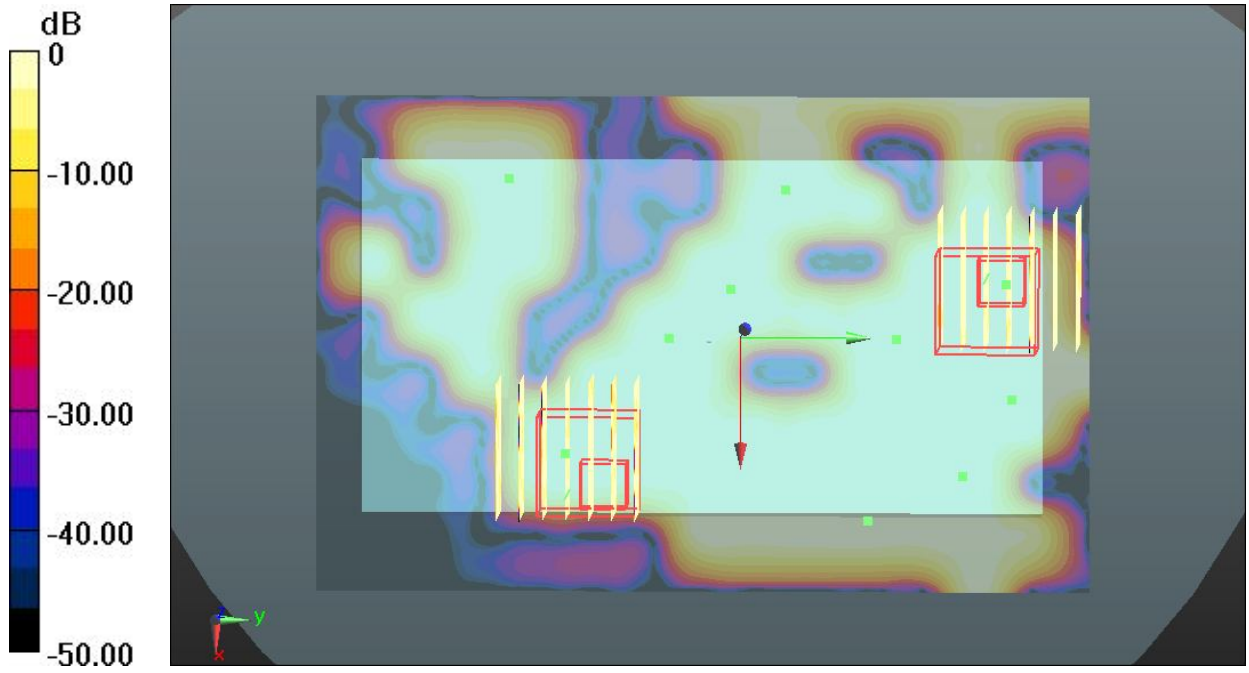
Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:3.15
Medium: MSL_2450_130502 Medium parameters used: f = 2441 MHz; σ = 1.957 mho/m; ε_r = 54.144; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.8 ℃

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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch39/Area Scan (91x141x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0124 W/kg

Ch39/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.101 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.019 mW/g
SAR(1 g) = 0.0034 mW/g; SAR(10 g) = 0.0012 mW/g
Maximum value of SAR (measured) = 0.00641 W/kg

Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.101 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.00564 mW/g
SAR(1 g) = 0.00264 mW/g; SAR(10 g) = 0.000677 mW/g
Maximum value of SAR (measured) = 0.00506 W/kg



0 dB = 0.00506 W/kg

83 BT_Left Side_1cm_Ch39

DUT: 341702

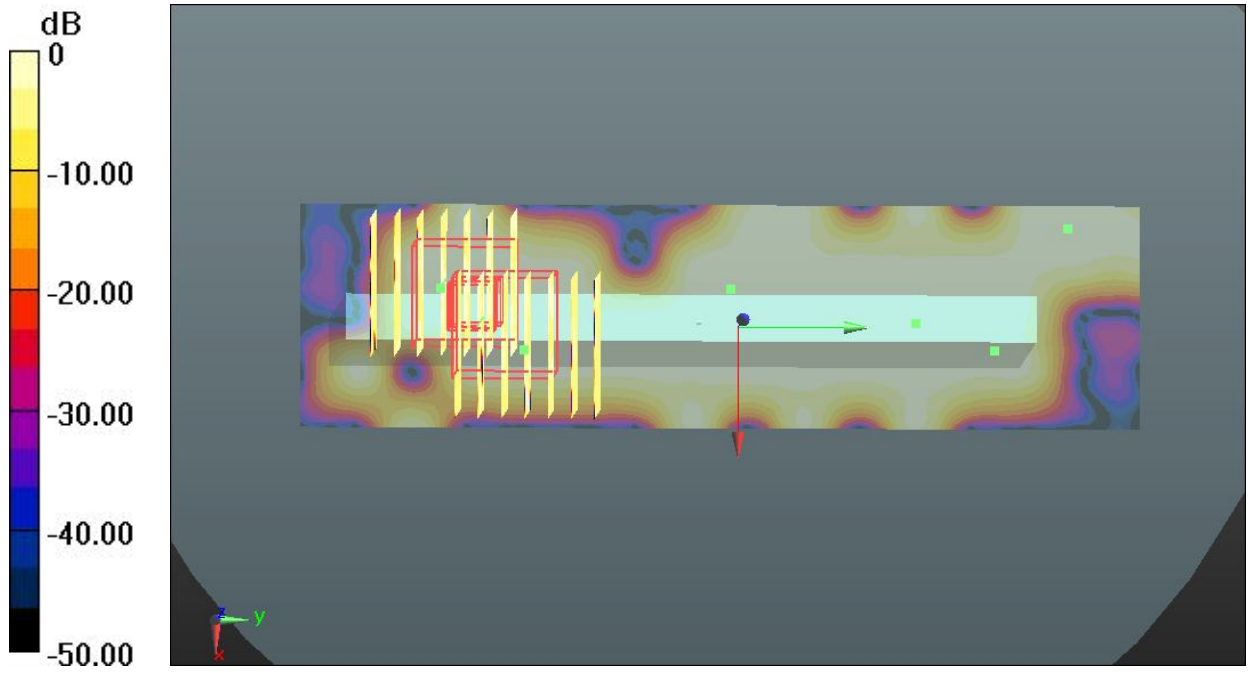
Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:3.15
Medium: MSL_2450_130502 Medium parameters used: f = 2441 MHz; σ = 1.957 mho/m; ε_r = 54.144; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.8 ℃

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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch39/Area Scan (41x151x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.00983 W/kg

Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.199 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.011 mW/g
SAR(1 g) = 0.00435 mW/g; SAR(10 g) = 0.00195 mW/g
Maximum value of SAR (measured) = 0.0109 W/kg

Ch39/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.199 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.015 mW/g
SAR(1 g) = 0.00401 mW/g; SAR(10 g) = 0.00179 mW/g
Maximum value of SAR (measured) = 0.00646 W/kg



0 dB = 0.00646 W/kg

84 BT_Top Side_1cm_Ch39

DUT: 341702

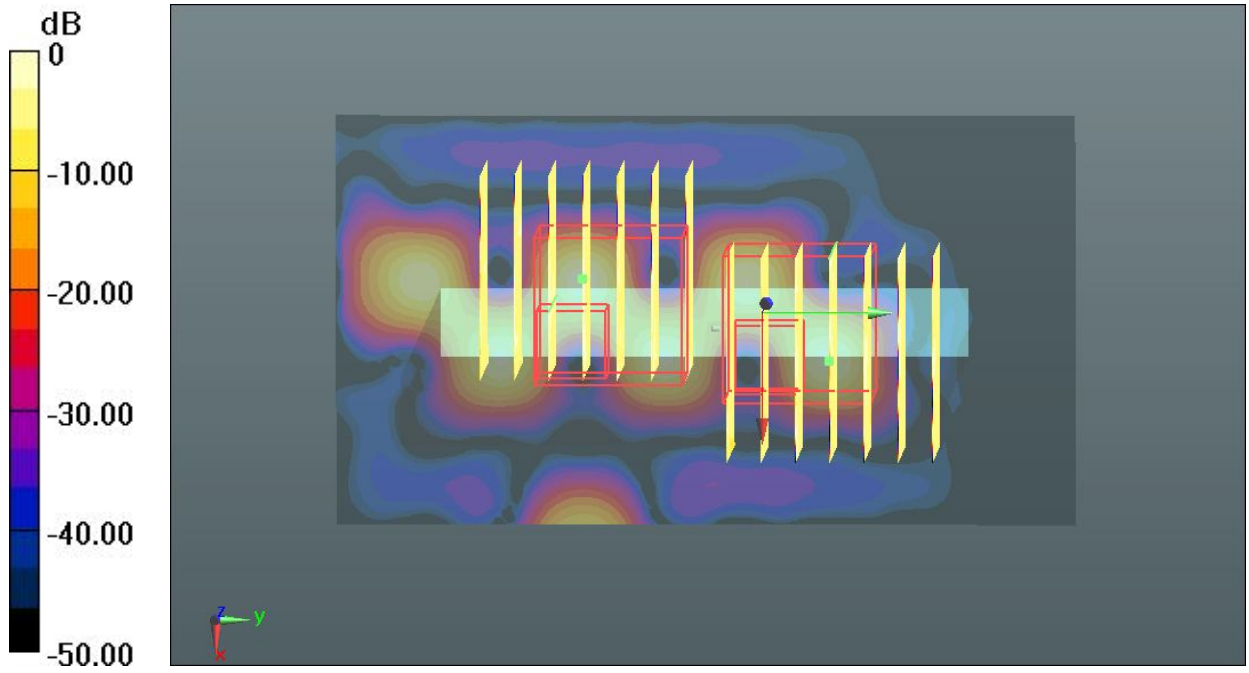
Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:3.15
Medium: MSL_2450_130502 Medium parameters used: f = 2441 MHz; σ = 1.957 mho/m; ε_r = 54.144; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.8 ℃

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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch39/Area Scan (51x91x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.00509 W/kg

Ch39/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.753 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.012 mW/g
SAR(1 g) = 0.00334 mW/g; SAR(10 g) = 0.00159 mW/g
Maximum value of SAR (measured) = 0.00474 W/kg

Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.753 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.012 mW/g
SAR(1 g) = 0.00332 mW/g; SAR(10 g) = 0.00155 mW/g
Maximum value of SAR (measured) = 0.00696 W/kg



0 dB = 0.00696 W/kg