#01 GSM850_GPRS (4 Tx slots)_Bottom Face 0cm_Ch251_P-Sensor on

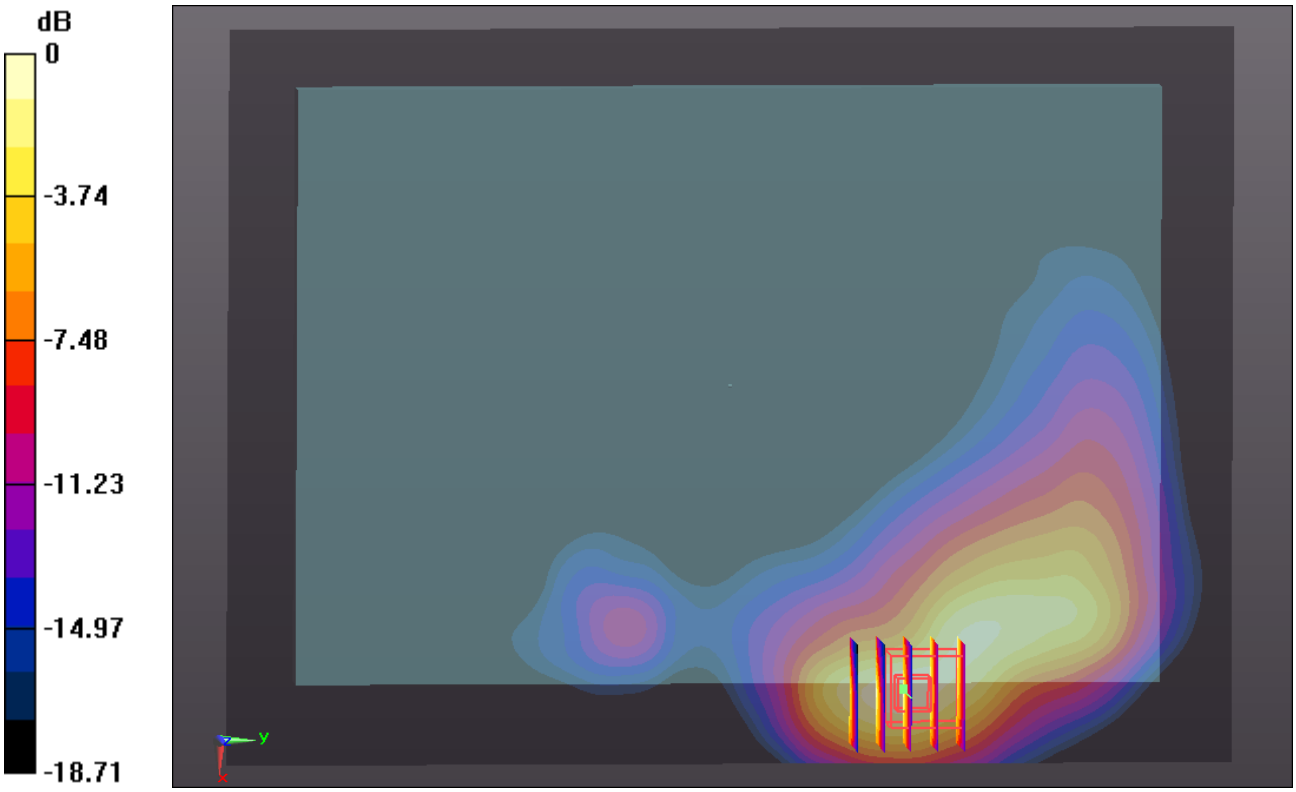
DUT: 331304

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_835_130408 Medium parameters used: f = 849 MHz; σ = 0.997 mho/m; ε_r = 54.707; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (151x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.854 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.746 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.111 W/kg
SAR(1 g) = 0.573 mW/g; SAR(10 g) = 0.309 mW/g
Maximum value of SAR (measured) = 0.872 mW/g



0 dB = 0.870mW/g

#02 GSM850_GPRS (4 Tx slots)_Bottom Face 1cm_Ch251_Sensor off

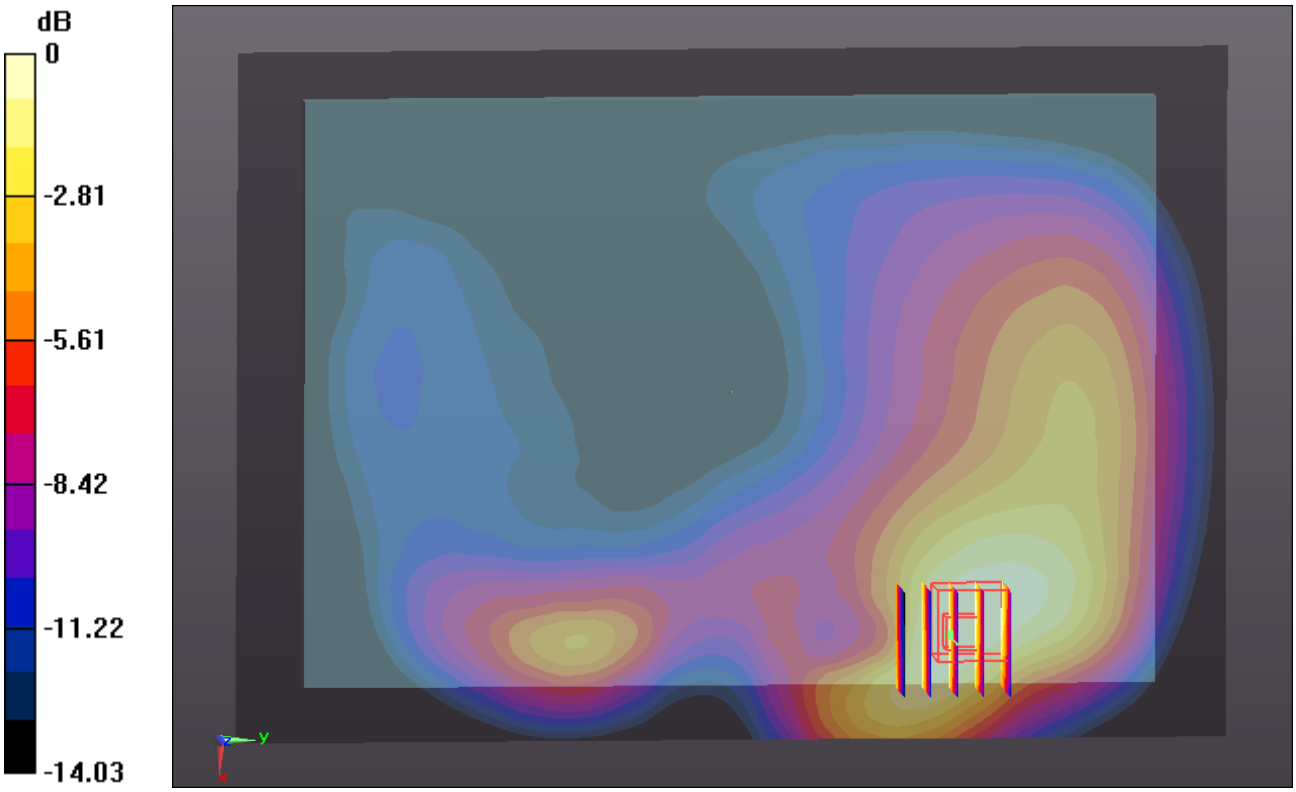
DUT: 331304

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_835_130408 Medium parameters used: f = 849 MHz; σ = 0.997 mho/m; ε_r = 54.707; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (141x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.724 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.415 V/m; Power Drift = -0.023 dB
Peak SAR (extrapolated) = 0.858 W/kg
SAR(1 g) = 0.567 mW/g; SAR(10 g) = 0.378 mW/g
Maximum value of SAR (measured) = 0.719 mW/g



0 dB = 0.720mW/g

#03 GSM850_GPRS (4 Tx slots)_Edge1 0cm_Ch251_P-Sensor on

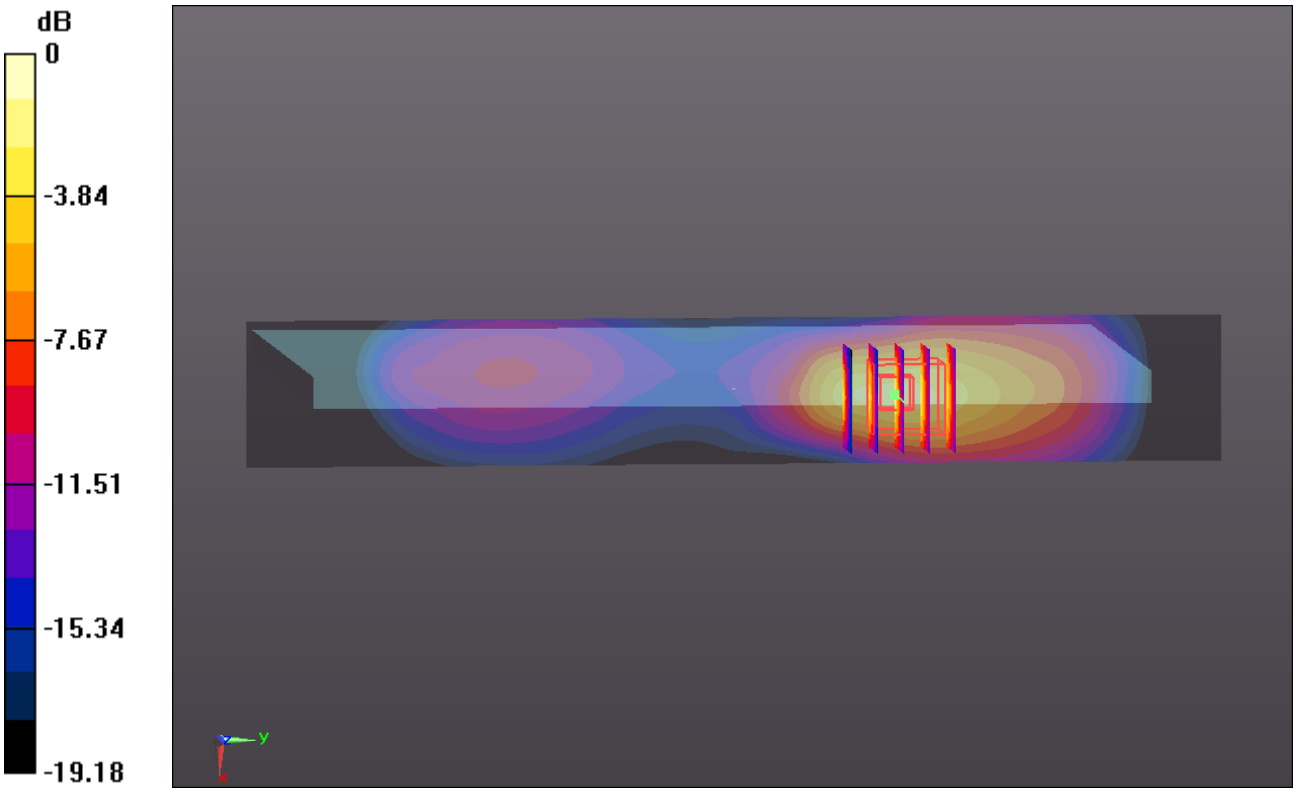
DUT: 331304

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_835_130408 Medium parameters used: f = 849 MHz; σ = 0.997 mho/m; ε_r = 54.707; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (31x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.688 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.602 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.394 W/kg
SAR(1 g) = 0.656 mW/g; SAR(10 g) = 0.323 mW/g
Maximum value of SAR (measured) = 1.073 mW/g



0 dB = 1.070mW/g

#04 GSM850_GPRS (4 Tx slots)_Edge1 0.6cm_Ch251_Sensor off

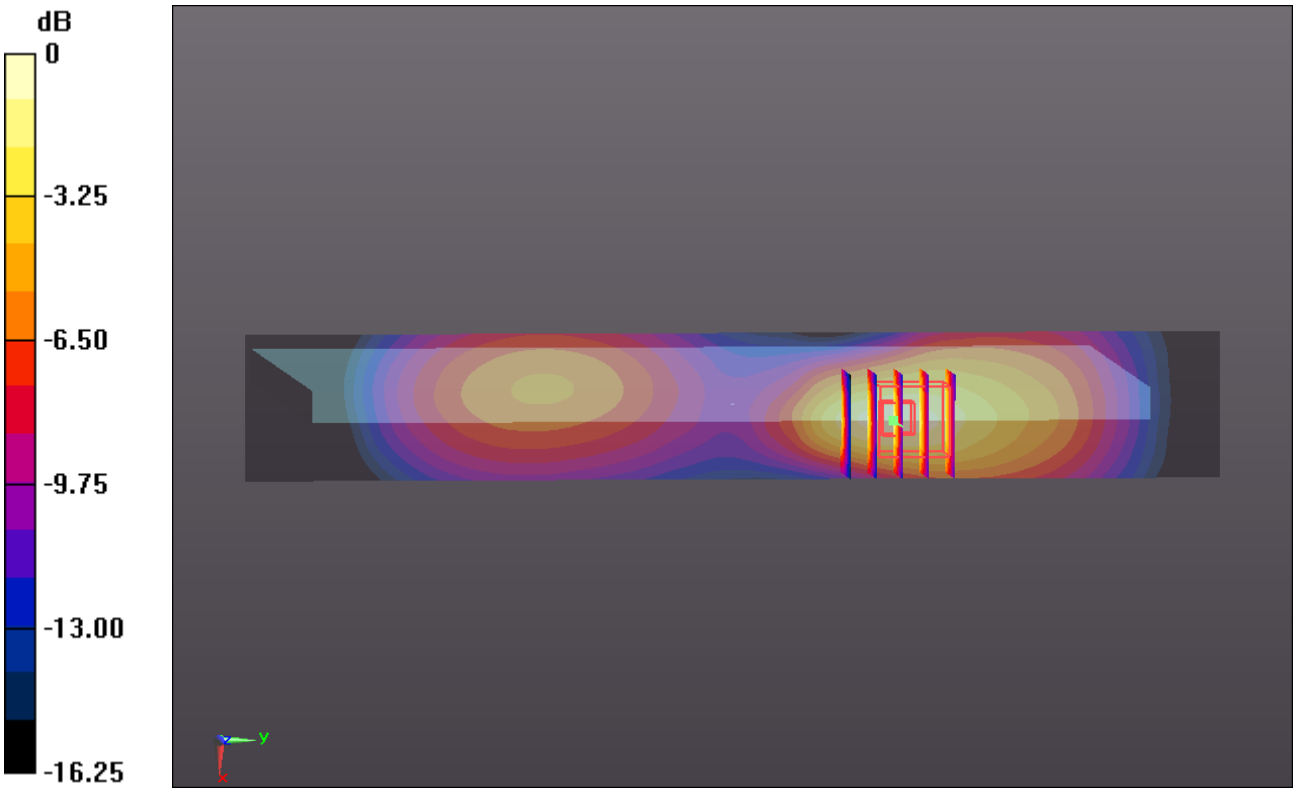
DUT: 331304

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_835_130408 Medium parameters used: f = 849 MHz; σ = 0.997 mho/m; ε_r = 54.707; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (31x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.068 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.000 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.461 W/kg
SAR(1 g) = 0.824 mW/g; SAR(10 g) = 0.464 mW/g
Maximum value of SAR (measured) = 1.149 mW/g



0 dB = 1.150mW/g

#55 GSM850_GPRS (4 Tx slots)_Edge1 0.6cm_Ch251_Sensor off_Repeat SAR

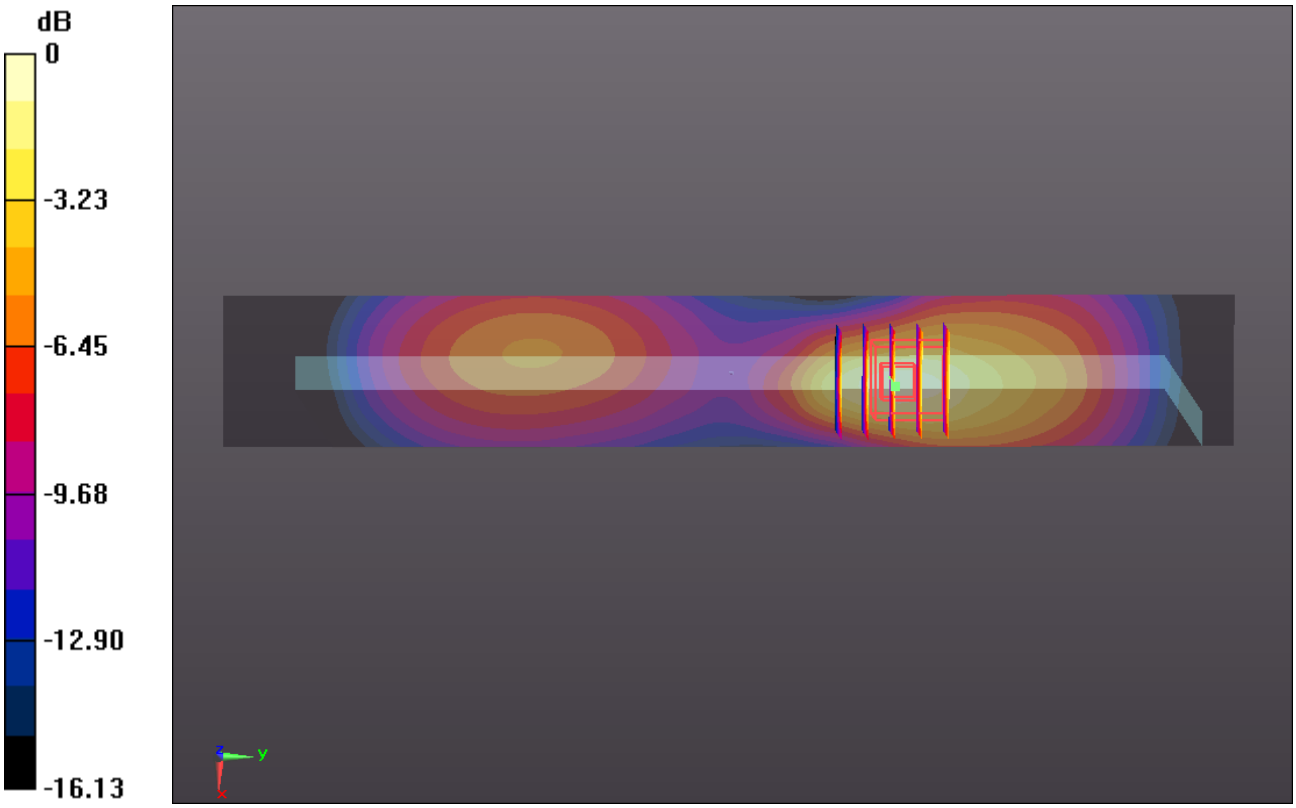
DUT: 331304

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_835_130408 Medium parameters used: f = 849 MHz; σ = 0.997 mho/m; ε_r = 54.707; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (31x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.051 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.000 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.438 W/kg
SAR(1 g) = 0.811 mW/g; SAR(10 g) = 0.457 mW/g
Maximum value of SAR (measured) = 1.130 mW/g



0 dB = 1.130mW/g

#05 GSM850_GPRS (4 Tx slots)_Edge2 0cm_Ch251_Sensor off

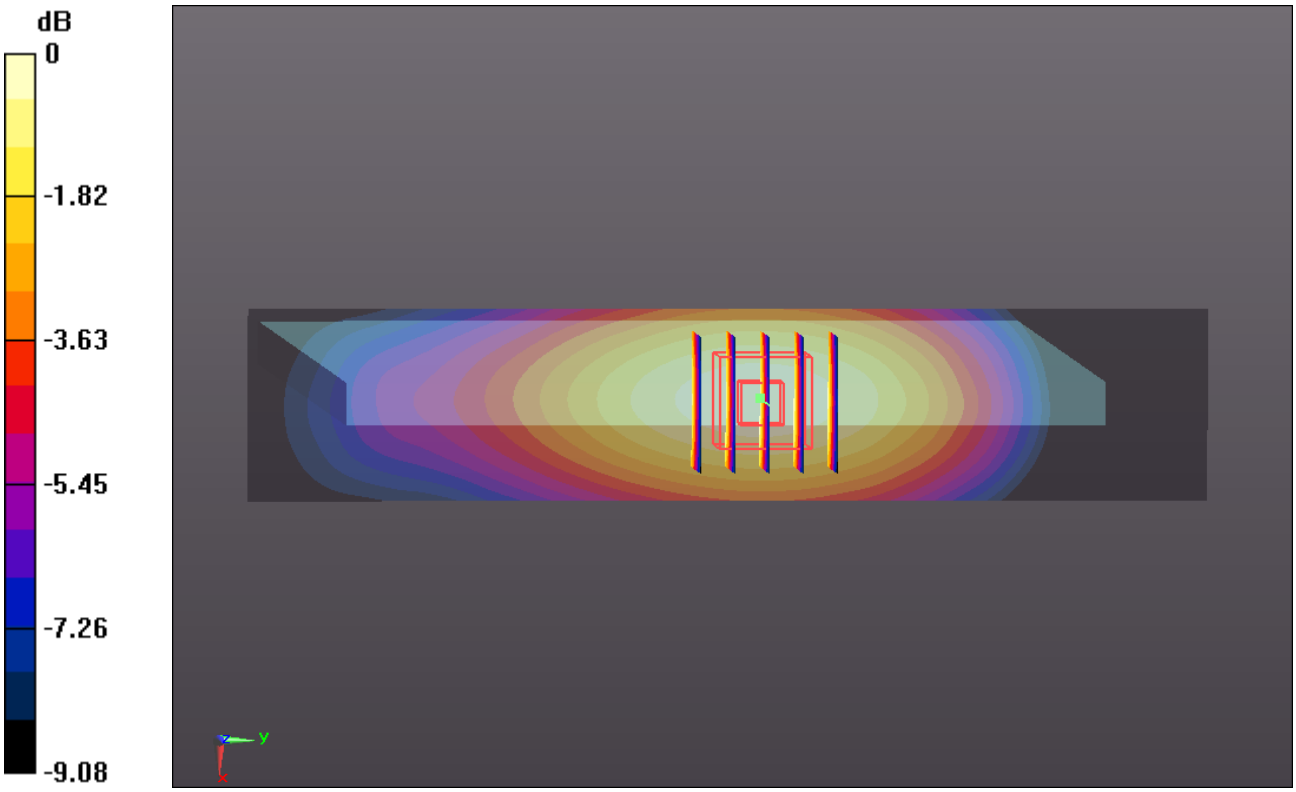
DUT: 331304

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_835_130408 Medium parameters used: f = 849 MHz; σ = 0.997 mho/m; ε_r = 54.707; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (31x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.264 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.280 V/m; Power Drift = 0.0051 dB
Peak SAR (extrapolated) = 0.302 W/kg
SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.155 mW/g
Maximum value of SAR (measured) = 0.268 mW/g



0 dB = 0.270mW/g

#06 GSM850_GPRS (4 Tx slots)_Edge1 0.6cm_Ch128_Sensor Off

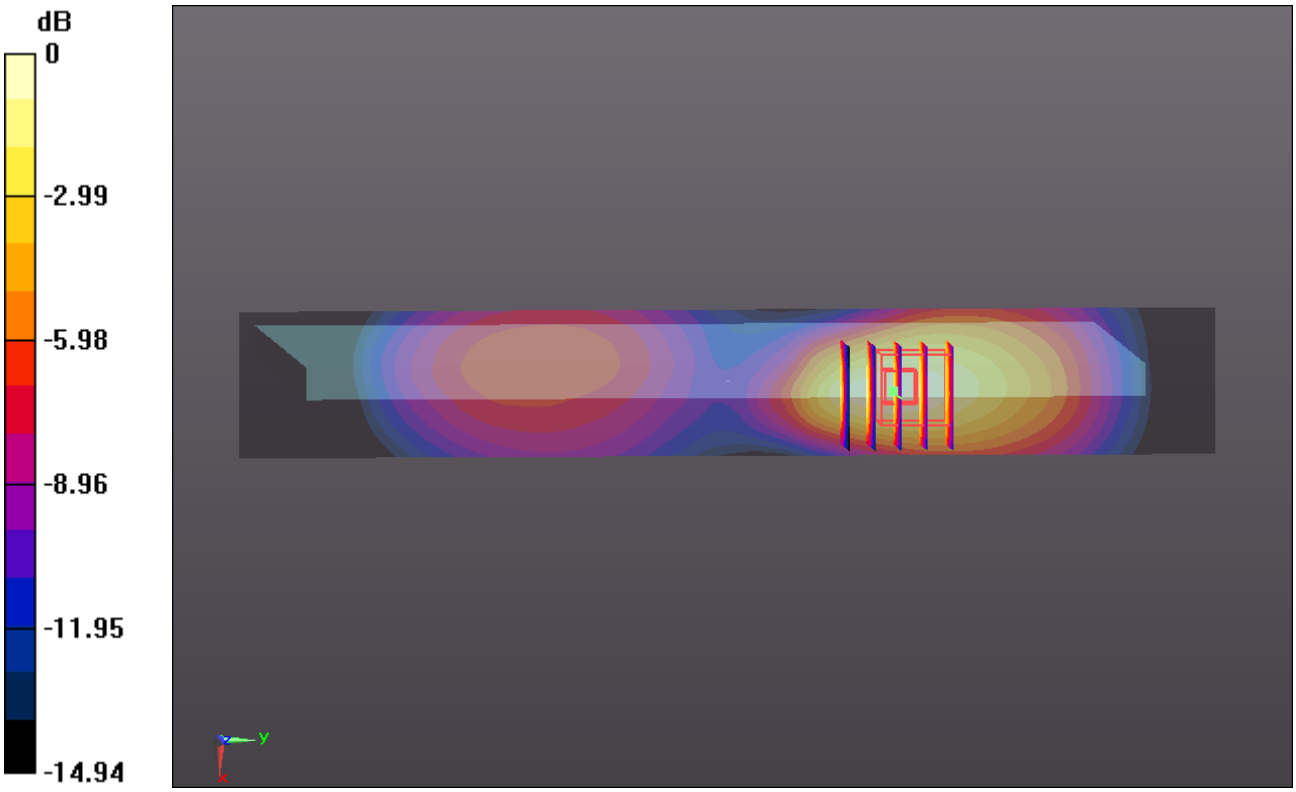
DUT: 331304

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_835_130408 Medium parameters used: f = 824.2 MHz; σ = 0.972 mho/m; ε_r = 54.953; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (31x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.821 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.748 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.009 W/kg
SAR(1 g) = 0.586 mW/g; SAR(10 g) = 0.346 mW/g
Maximum value of SAR (measured) = 0.802 mW/g



0 dB = 0.800mW/g

#07 GSM850_GPRS (4 Tx slots)_Edge1 0.6cm_Ch189_Sensor Off

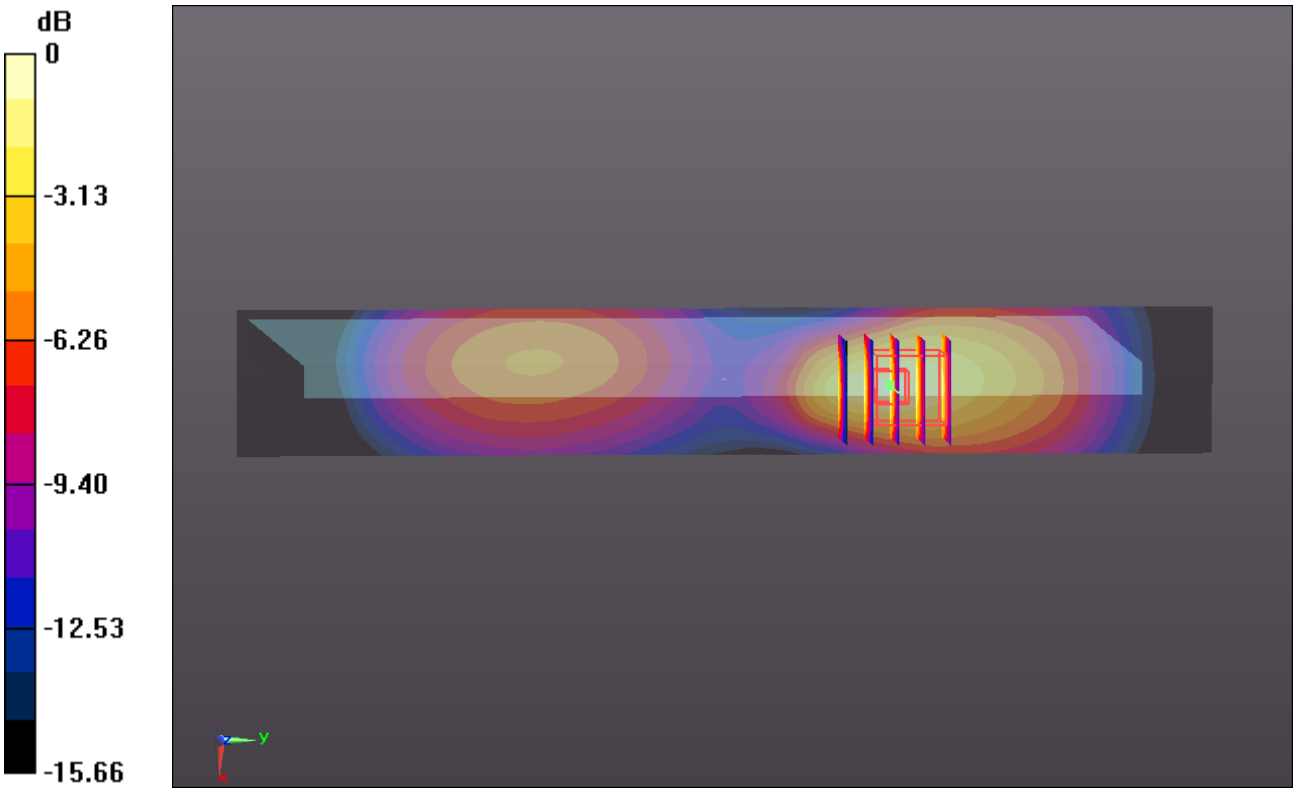
DUT: 331304

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 836.4 MHz;Duty Cycle: 1:2
Medium: MSL_835_130408 Medium parameters used: f = 836.4 MHz; σ = 0.984 mho/m; ε_r = 54.837; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch189/Area Scan (31x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.788 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.802 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.174 W/kg
SAR(1 g) = 0.666 mW/g; SAR(10 g) = 0.384 mW/g
Maximum value of SAR (measured) = 0.945 mW/g



0 dB = 0.950mW/g

#08 GSM1900_GPRS (4 Tx slots)_Bottom Face 0cm_Ch661_P-Sensor on

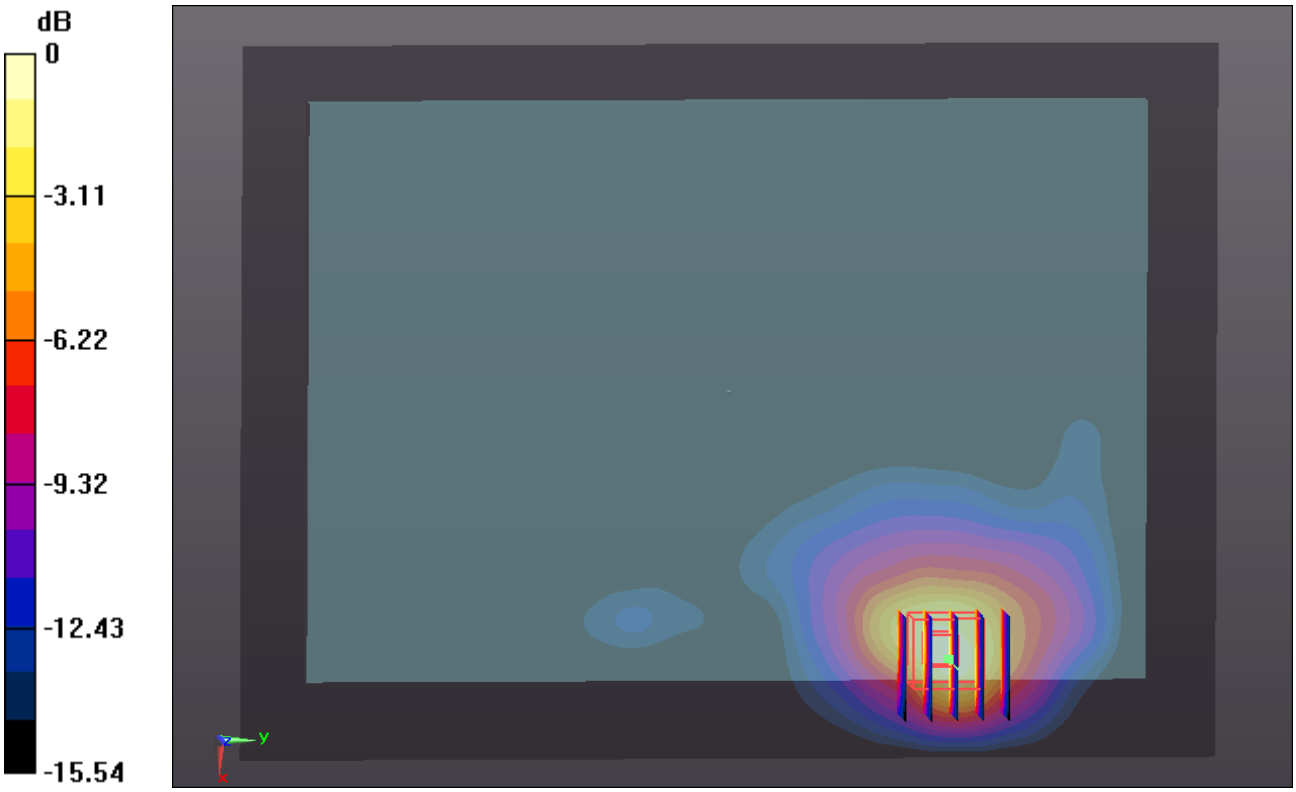
DUT: 331304

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1880 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130408 Medium parameters used: f = 1880 MHz; σ = 1.525 mho/m; ε_r = 53.414; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (151x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.009 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.971 V/m; Power Drift = -0.0086 dB
Peak SAR (extrapolated) = 1.542 W/kg
SAR(1 g) = 0.752 mW/g; SAR(10 g) = 0.378 mW/g
Maximum value of SAR (measured) = 1.086 mW/g



0 dB = 1.090mW/g

#09 GSM1900_GPRS (4 Tx slots)_Bottom Face 1cm_Ch661_Sensor Off

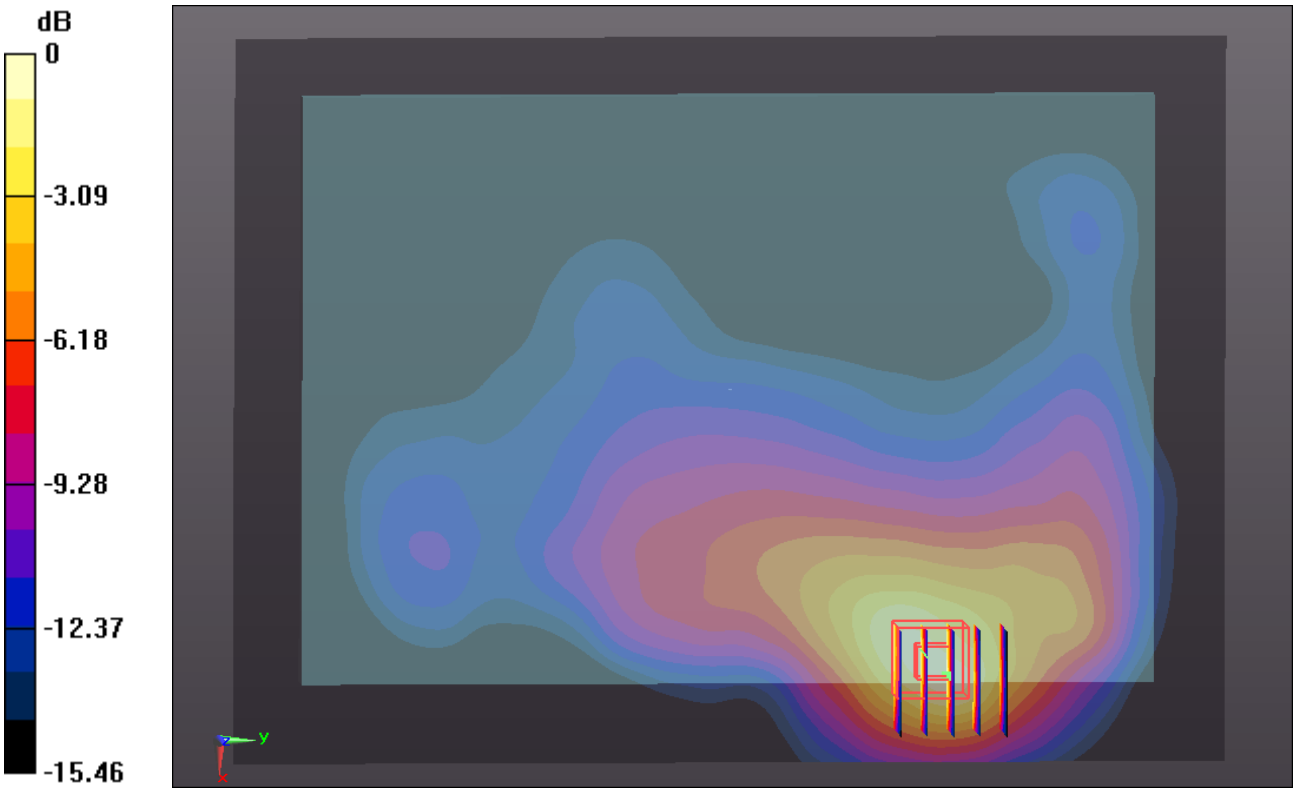
DUT: 331304

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1880 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130408 Medium parameters used: f = 1880 MHz; σ = 1.525 mho/m; ε_r = 53.414; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (151x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.986 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.046 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.382 W/kg
SAR(1 g) = 0.807 mW/g; SAR(10 g) = 0.453 mW/g
Maximum value of SAR (measured) = 1.068 mW/g



0 dB = 1.070mW/g

#10 GSM1900_GPRS (4 Tx slots)_Edge1 0cm_Ch661_P-Sensor on

DUT: 331304

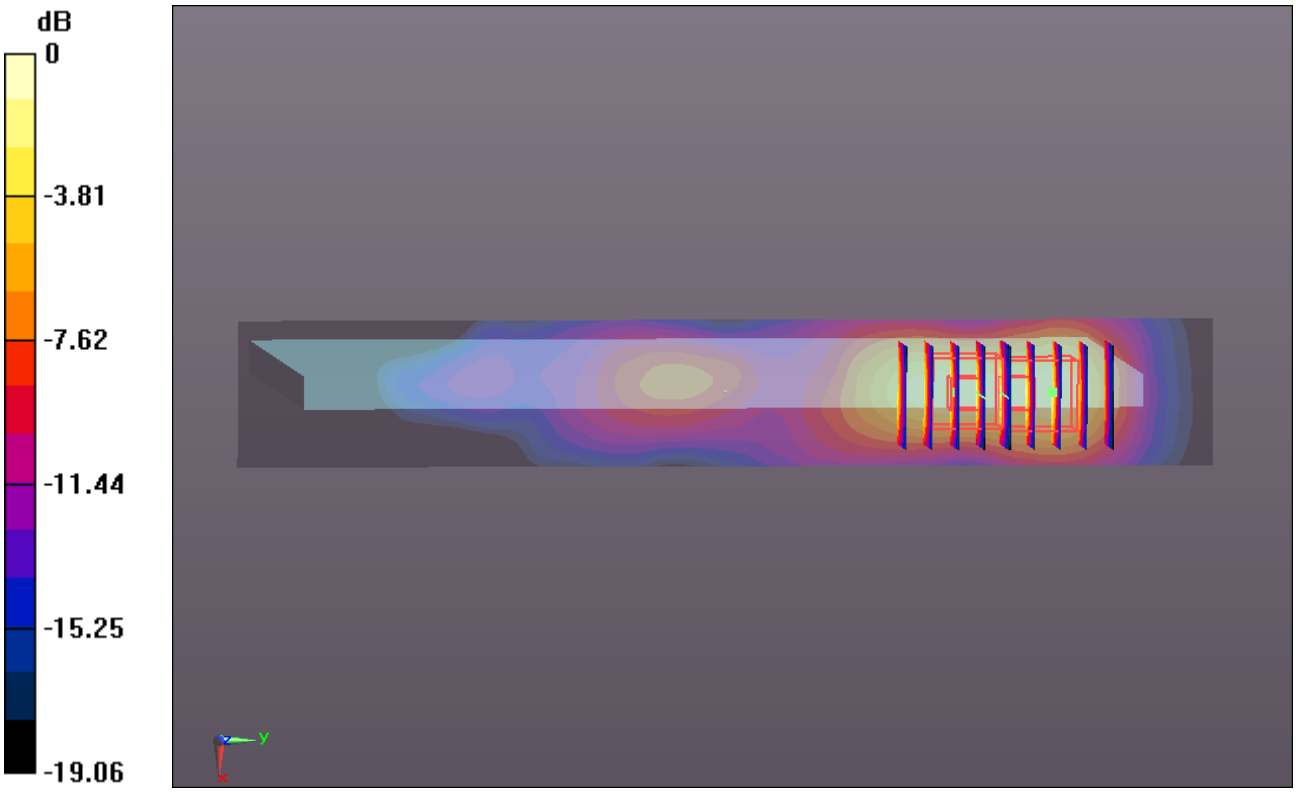
Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1880 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130408 Medium parameters used: f = 1880 MHz; σ = 1.525 mho/m; ε_r = 53.414; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (31x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.395 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.007 V/m; Power Drift = 0.027 dB
Peak SAR (extrapolated) = 0.837 W/kg
SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.173 mW/g
Maximum value of SAR (measured) = 0.650 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.007 V/m; Power Drift = 0.027 dB
Peak SAR (extrapolated) = 0.709 W/kg
SAR(1 g) = 0.305 mW/g; SAR(10 g) = 0.159 mW/g
Maximum value of SAR (measured) = 0.532 mW/g



0 dB = 0.530mW/g

#11 GSM1900_GPRS (4 Tx slots)_Edge1 0.6cm_Ch661_Sensor Off

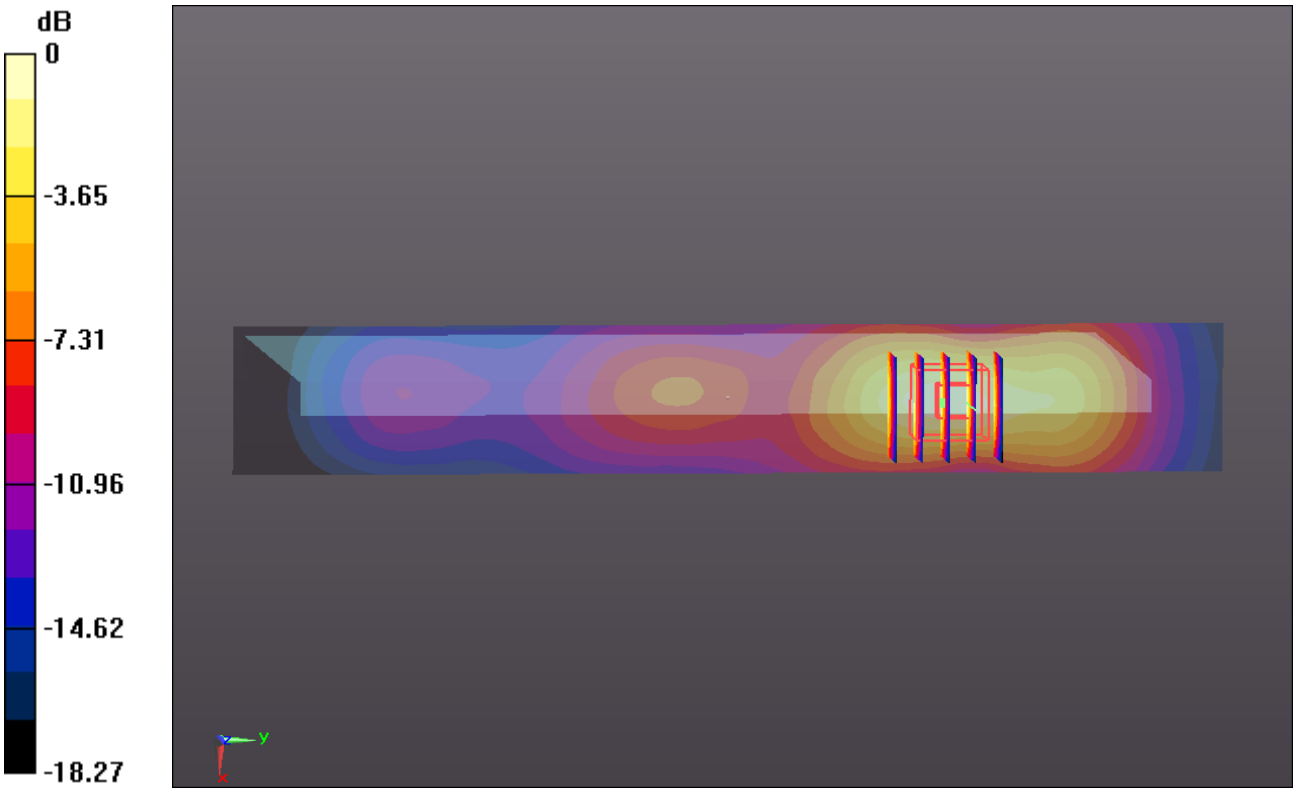
DUT: 331304

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1880 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130408 Medium parameters used: f = 1880 MHz; σ = 1.525 mho/m; ε_r = 53.414; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (31x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.308 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.940 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.854 W/kg
SAR(1 g) = 1.020 mW/g; SAR(10 g) = 0.532 mW/g
Maximum value of SAR (measured) = 1.449 mW/g



0 dB = 1.450mW/g

#12 GSM1900_GPRS (4 Tx slots)_Edge2 0cm_Ch661_Sensor Off

DUT: 331304

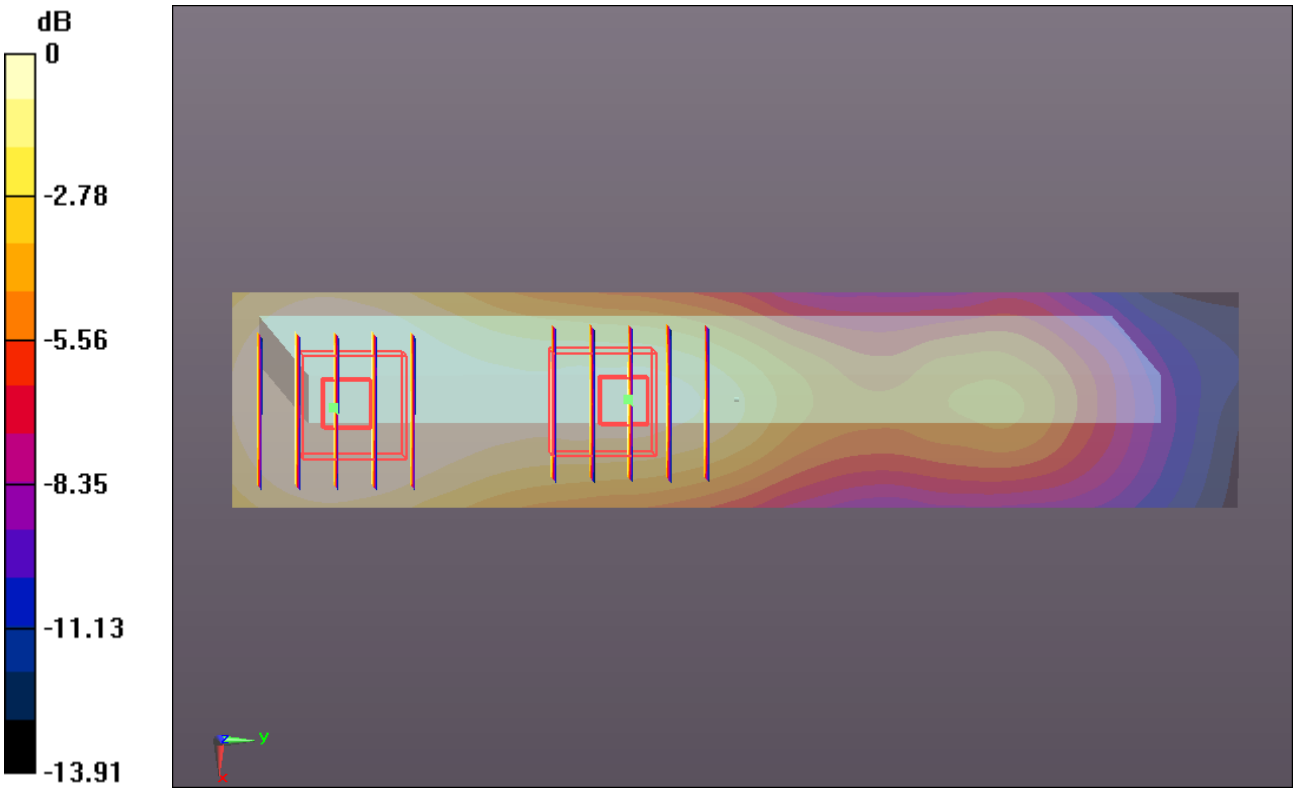
Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1880 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130408 Medium parameters used: f = 1880 MHz; σ = 1.525 mho/m; ε_r = 53.414; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (31x141x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.145 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.033 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.193 W/kg
SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.071 mW/g
Maximum value of SAR (measured) = 0.159 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.033 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.147 W/kg
SAR(1 g) = 0.091 mW/g; SAR(10 g) = 0.055 mW/g
Maximum value of SAR (measured) = 0.122 mW/g



0 dB = 0.120mW/g

#13 GSM1900_GPRS (4 Tx slots)_Bottom Face 0cm_Ch512_P-Sensor on

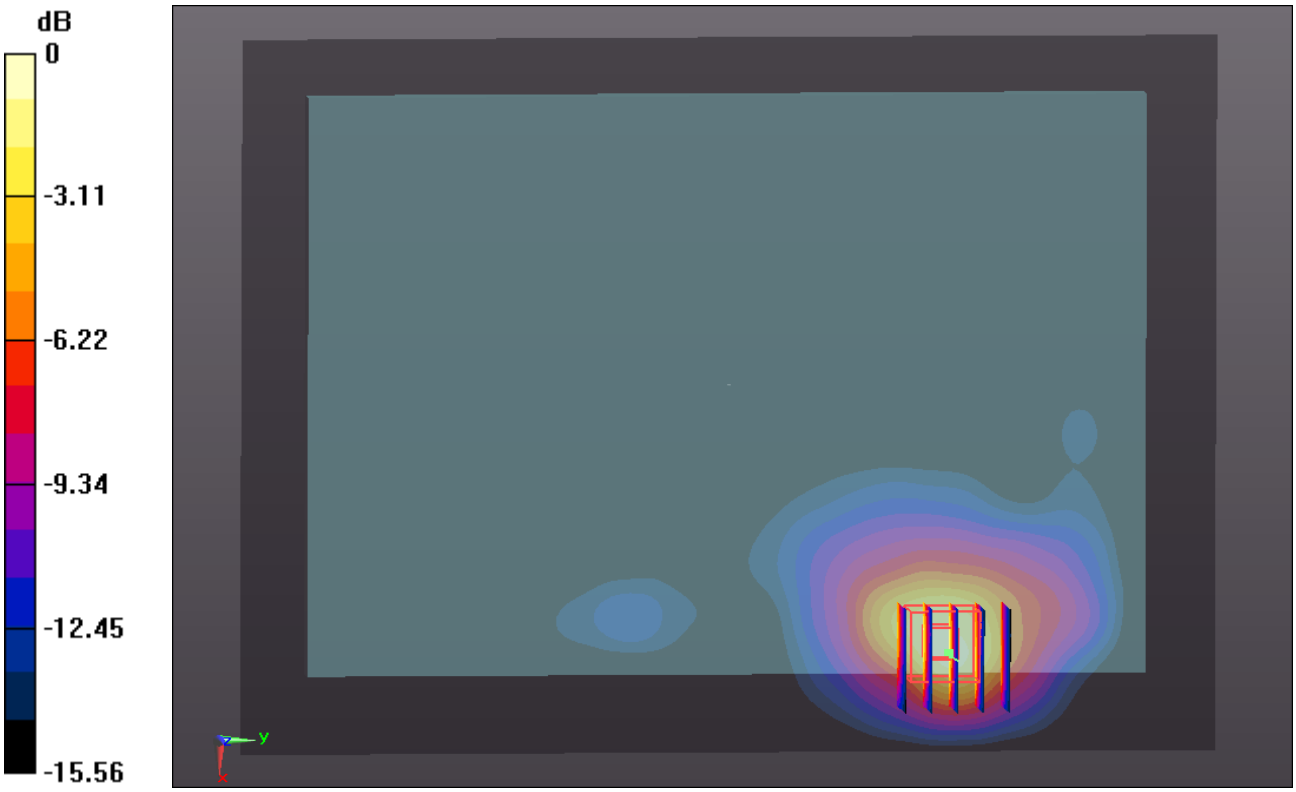
DUT: 331304

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130408 Medium parameters used: f = 1850.2 MHz; σ = 1.489 mho/m; ε_r = 53.481; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (151x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.961 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.270 V/m; Power Drift = 0.031 dB
Peak SAR (extrapolated) = 1.484 W/kg
SAR(1 g) = 0.734 mW/g; SAR(10 g) = 0.370 mW/g
Maximum value of SAR (measured) = 1.069 mW/g



0 dB = 1.070mW/g

#14 GSM1900_GPRS (4 Tx slots)_Bottom Face 0cm_Ch810_P-Sensor on

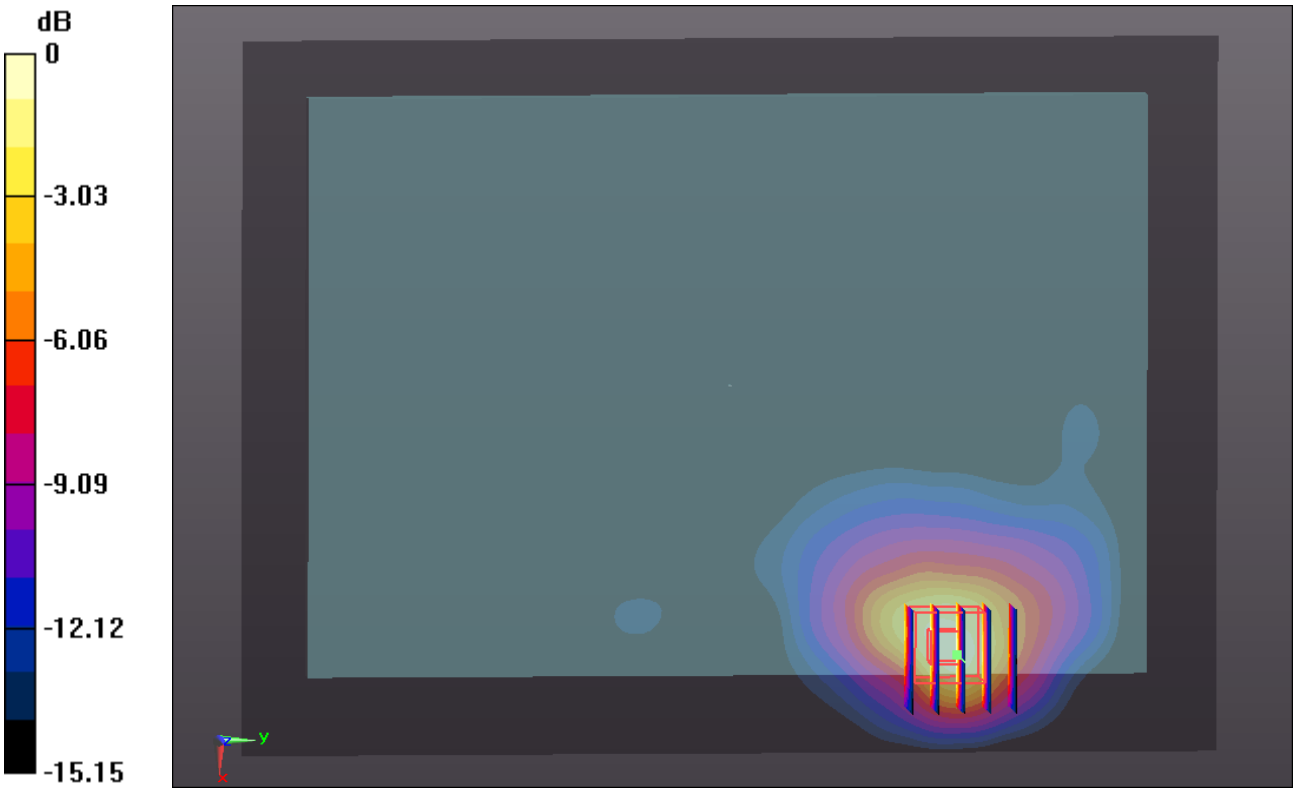
DUT: 331304

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1909.8 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130408 Medium parameters used: f = 1910 MHz; σ = 1.56 mho/m; ε_r = 53.334; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (151x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.947 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.502 V/m; Power Drift = 0.024 dB
Peak SAR (extrapolated) = 1.489 W/kg
SAR(1 g) = 0.715 mW/g; SAR(10 g) = 0.358 mW/g
Maximum value of SAR (measured) = 1.013 mW/g



0 dB = 1.010mW/g

#15 GSM1900_GPRS (4 Tx slots)_Bottom Face 1cm_Ch512_Sensor Off

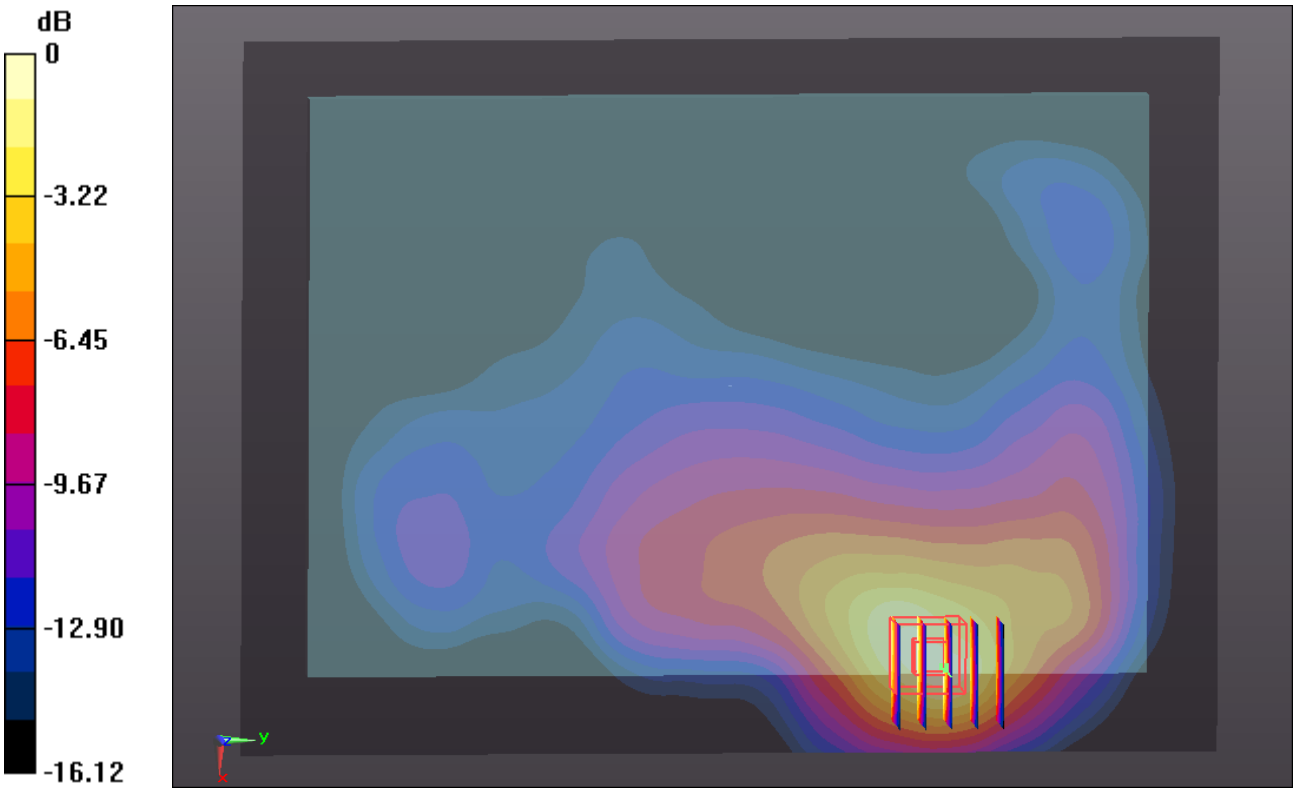
DUT: 331304

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130408 Medium parameters used: f = 1850.2 MHz; σ = 1.489 mho/m; ε_r = 53.481; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (151x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.952 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.841 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.318 W/kg
SAR(1 g) = 0.768 mW/g; SAR(10 g) = 0.432 mW/g
Maximum value of SAR (measured) = 1.026 mW/g



0 dB = 1.030mW/g

#16 GSM1900_GPRS (4 Tx slots)_Bottom Face 1cm_Ch810_Sensor Off

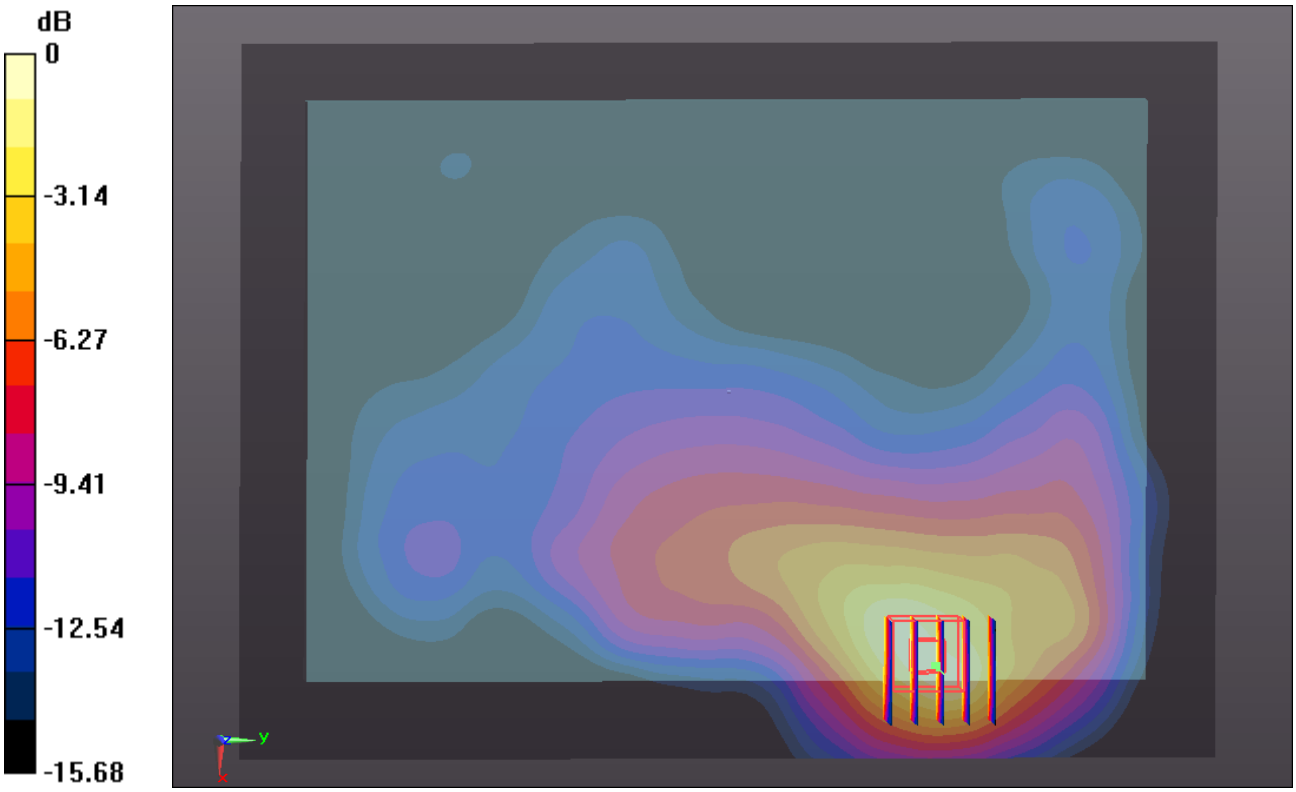
DUT: 331304

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1909.8 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130408 Medium parameters used: f = 1910 MHz; σ = 1.56 mho/m; ε_r = 53.334; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (151x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.859 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.241 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.222 W/kg
SAR(1 g) = 0.706 mW/g; SAR(10 g) = 0.397 mW/g
Maximum value of SAR (measured) = 0.950 mW/g



0 dB = 0.950mW/g

#17 GSM1900_GPRS (4 Tx slots)_Edge1 0.6cm_Ch512_Sensor Off

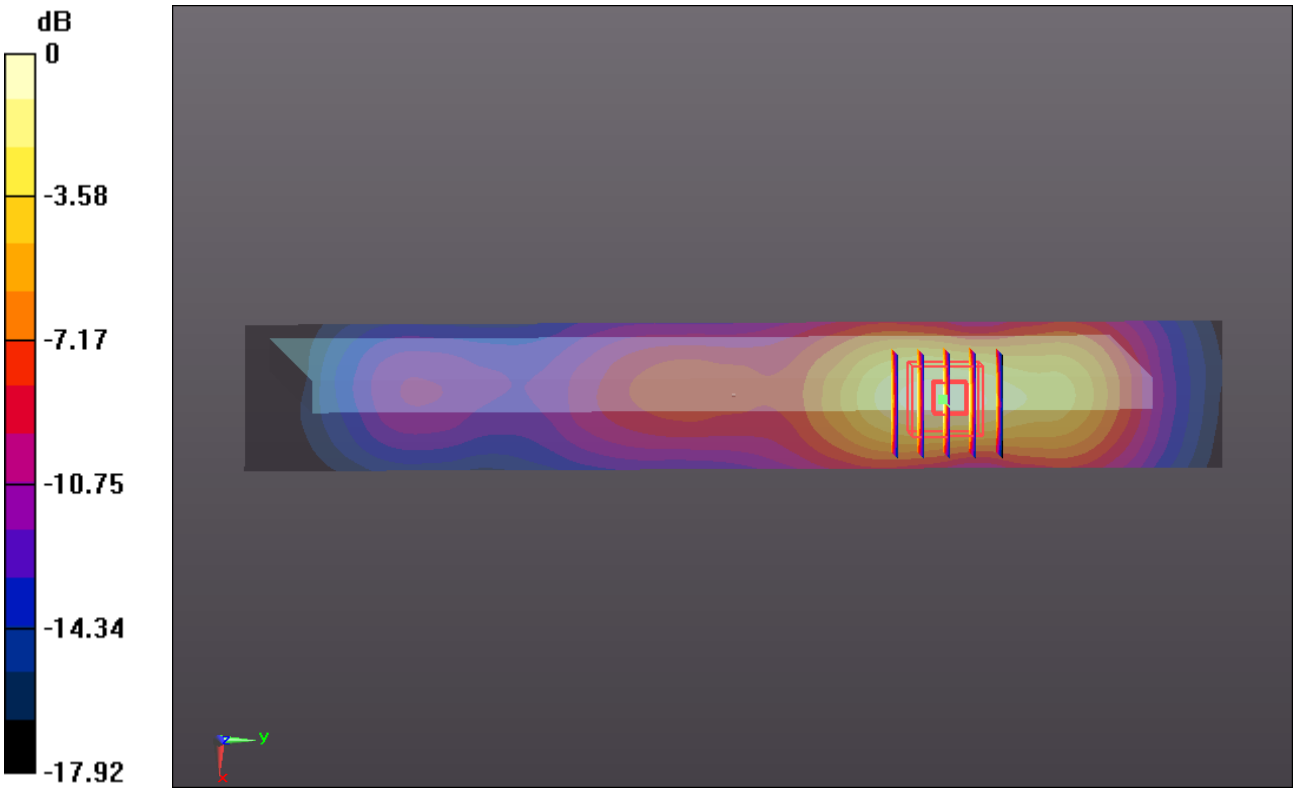
DUT: 331304

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130408 Medium parameters used: f = 1850.2 MHz; σ = 1.489 mho/m; ε_r = 53.481; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (31x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.271 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.707 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.749 W/kg
SAR(1 g) = 0.983 mW/g; SAR(10 g) = 0.520 mW/g
Maximum value of SAR (measured) = 1.385 mW/g



0 dB = 1.380mW/g

#18 GSM1900_GPRS (4 Tx slots)_Edge1 0.6cm_Ch810_Sensor Off

DUT: 331304

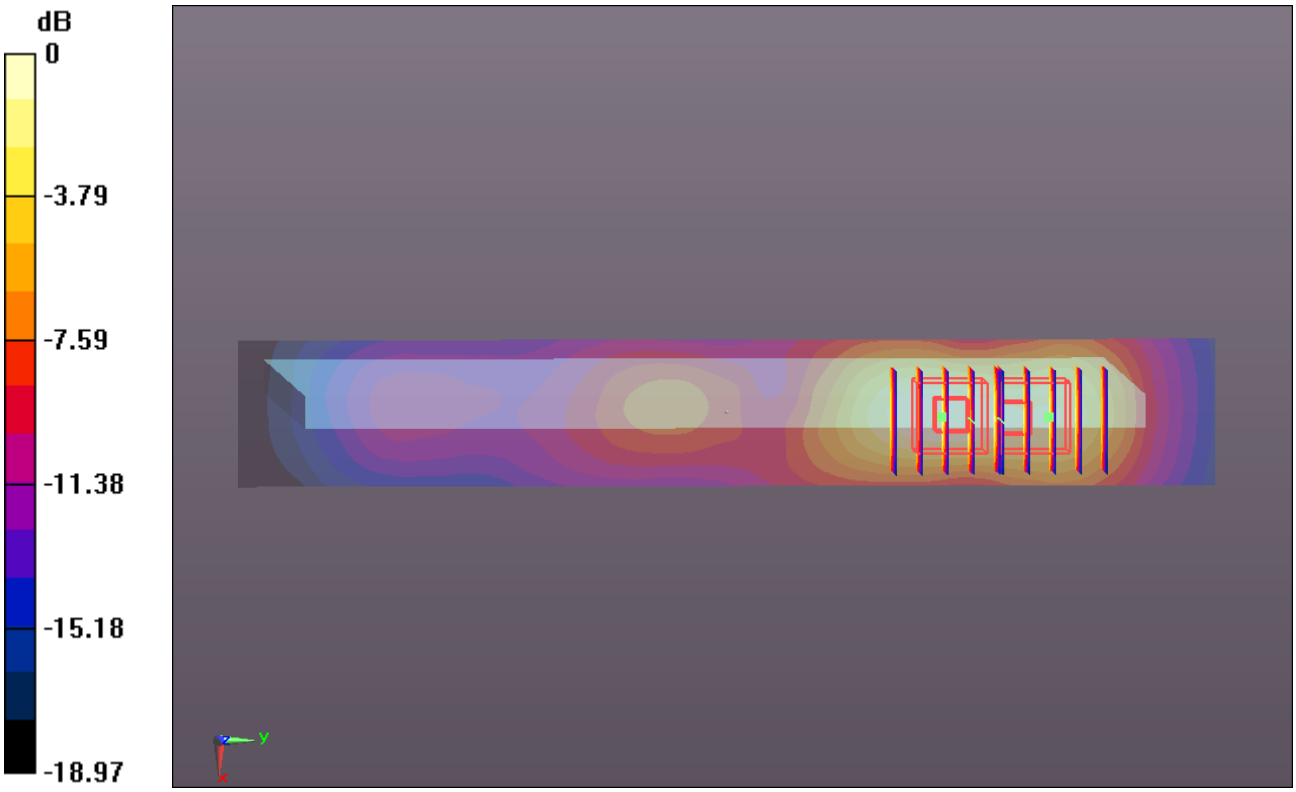
Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1909.8 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130408 Medium parameters used: f = 1910 MHz; σ = 1.56 mho/m; ε_r = 53.334; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (31x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.114 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.726 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.608 W/kg
SAR(1 g) = 0.870 mW/g; SAR(10 g) = 0.449 mW/g
Maximum value of SAR (measured) = 1.256 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.726 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.321 W/kg
SAR(1 g) = 0.652 mW/g; SAR(10 g) = 0.351 mW/g
Maximum value of SAR (measured) = 1.036 mW/g



0 dB = 1.040mW/g

#19 WCDMA Band V_RMC12.2K_Bottom Face 0cm_Ch4182_P-Sensor On

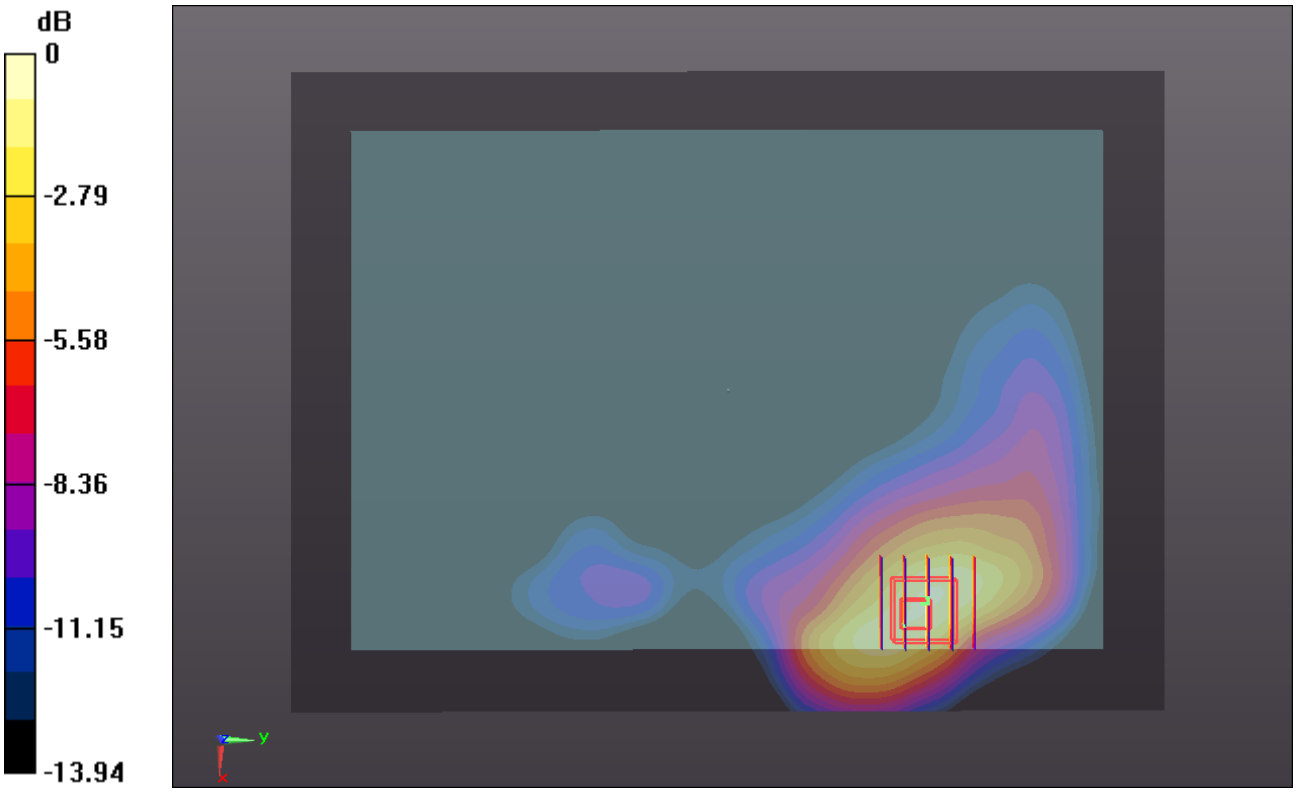
DUT: 331304

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130408 Medium parameters used: f = 836.4 MHz; σ = 0.984 mho/m; ε_r = 54.837; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (151x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.375 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.509 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.592 W/kg
SAR(1 g) = 0.346 mW/g; SAR(10 g) = 0.203 mW/g
Maximum value of SAR (measured) = 0.446 mW/g



0 dB = 0.450mW/g

#20 WCDMA Band V_RMC12.2K_Bottom Face 1cm_Ch4182_Sensor Off

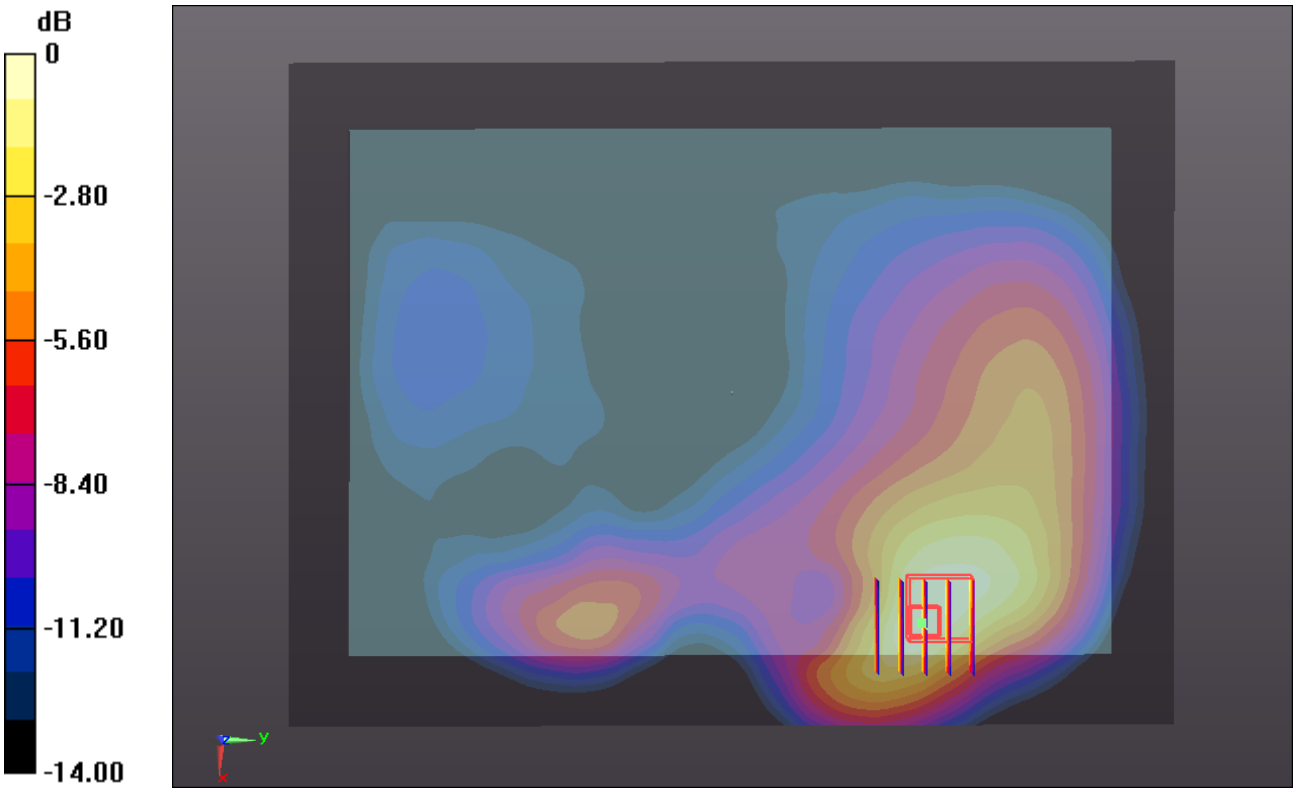
DUT: 331304

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130408 Medium parameters used: f = 836.4 MHz; σ = 0.984 mho/m; ε_r = 54.837; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (151x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.426 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.414 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.493 W/kg
SAR(1 g) = 0.320 mW/g; SAR(10 g) = 0.209 mW/g
Maximum value of SAR (measured) = 0.415 mW/g



0 dB = 0.420mW/g

#21 WCDMA Band V_RMC12.2K_Edge1 0cm_Ch4182_P-Sensor On

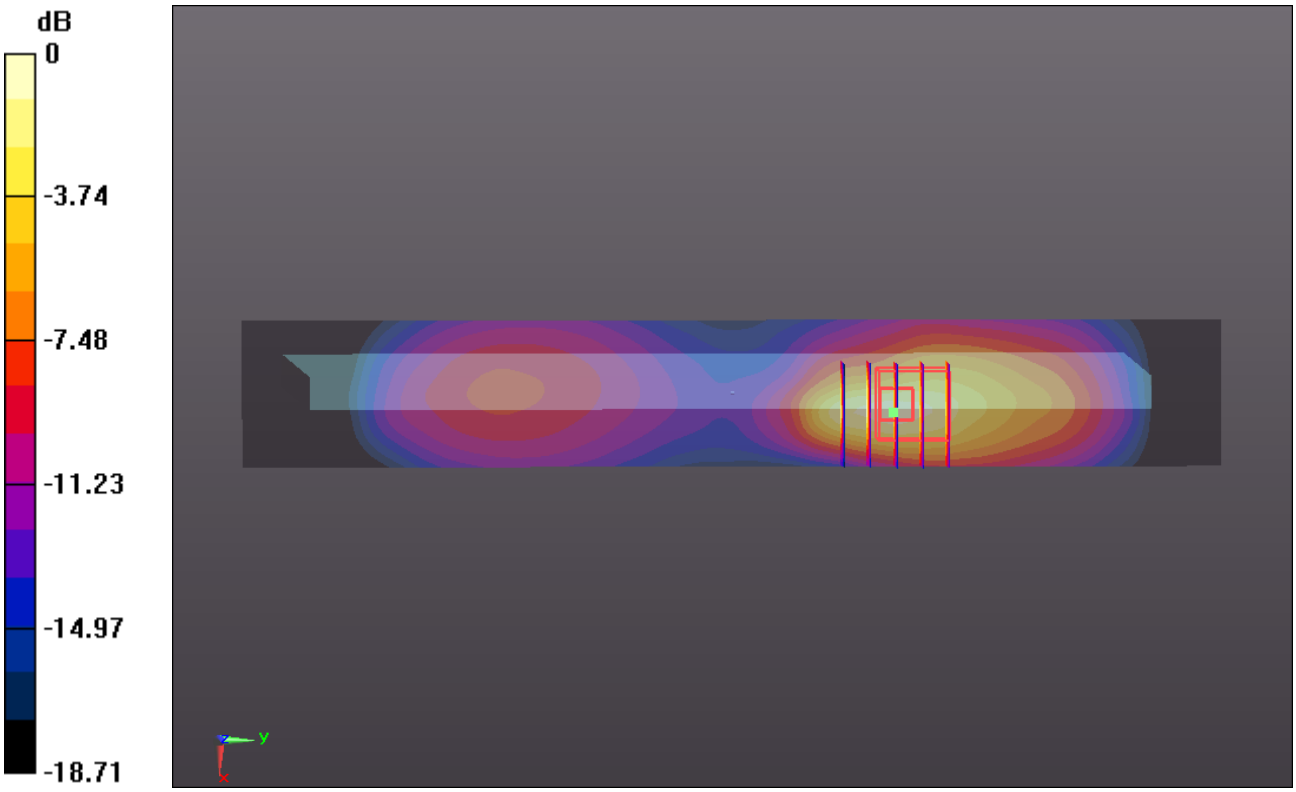
DUT: 331304

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130408 Medium parameters used: f = 836.4 MHz; σ = 0.984 mho/m; ε_r = 54.837; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (31x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.525 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.347 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.848 W/kg
SAR(1 g) = 0.396 mW/g; SAR(10 g) = 0.196 mW/g
Maximum value of SAR (measured) = 0.598 mW/g



0 dB = 0.600mW/g

#22 WCDMA Band V_RMC12.2K_Edge1 0.6cm_Ch4182_Sensor Off

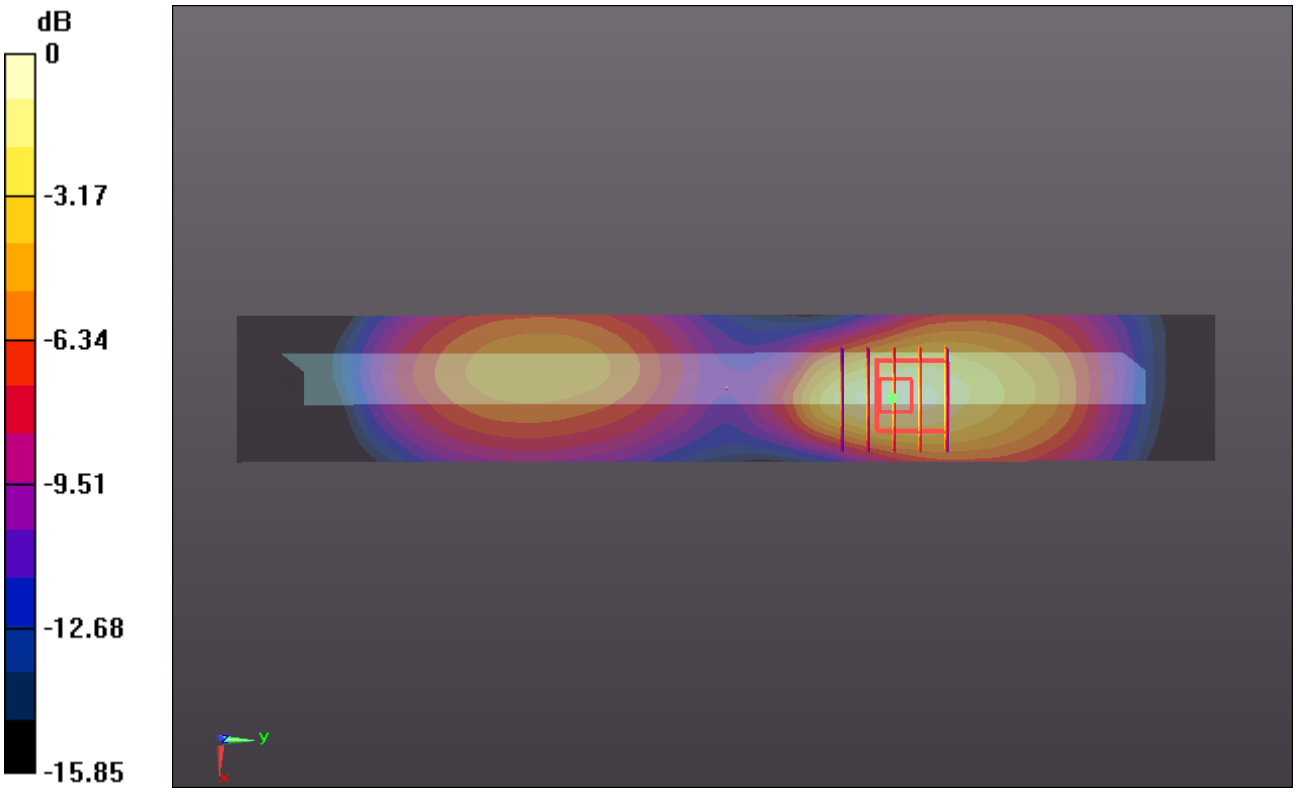
DUT: 331304

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130408 Medium parameters used: f = 836.4 MHz; σ = 0.984 mho/m; ε_r = 54.837; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (31x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.406 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.150 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.552 W/kg
SAR(1 g) = 0.318 mW/g; SAR(10 g) = 0.185 mW/g
Maximum value of SAR (measured) = 0.444 mW/g



0 dB = 0.440mW/g

#23 WCDMA Band V_RMC12.2K_Edge2 0cm_Ch4182_Sensor Off

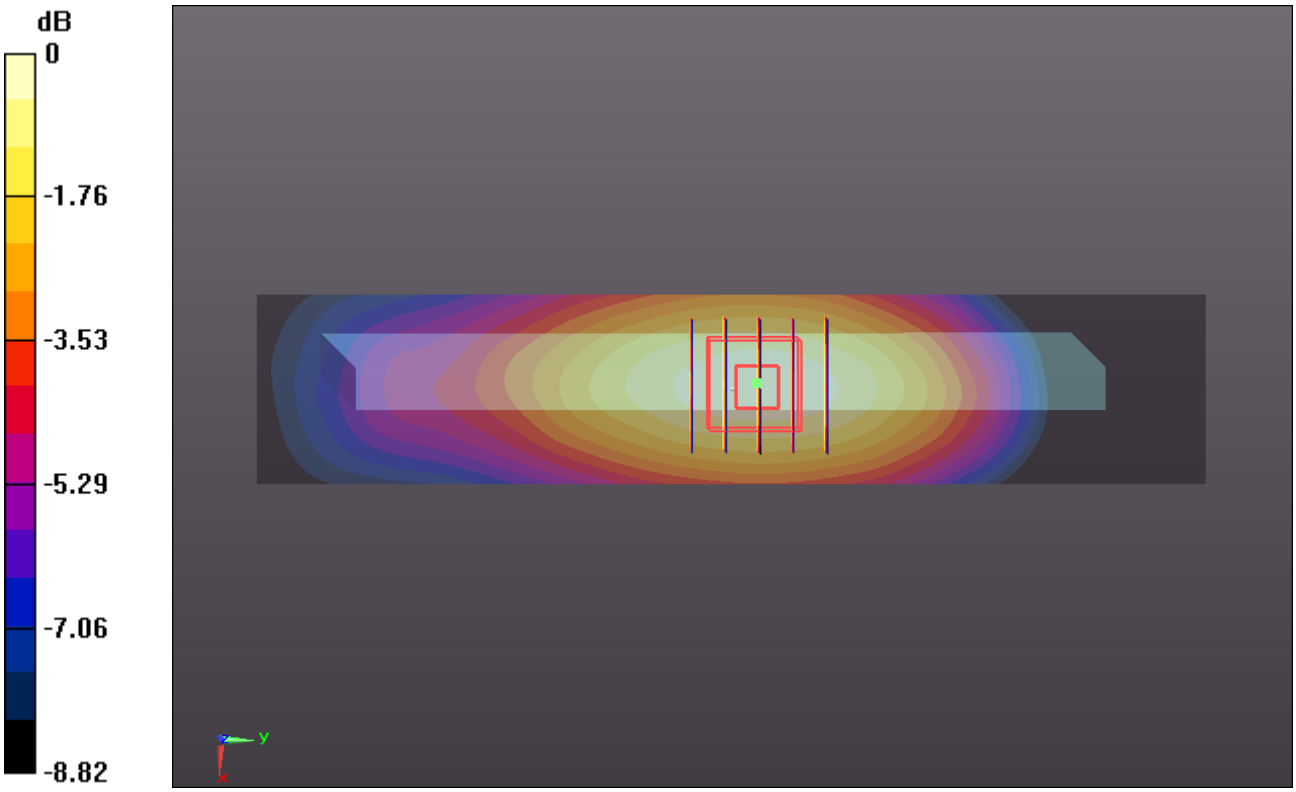
DUT: 331304

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130408 Medium parameters used: f = 836.4 MHz; σ = 0.984 mho/m; ε_r = 54.837; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (31x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.127 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.959 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.146 W/kg
SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.077 mW/g
Maximum value of SAR (measured) = 0.130 mW/g



0 dB = 0.130mW/g

#26 WCDMA Band II_RMC12.2K_Bottom Face 0cm_Ch9538_P-Sensor on

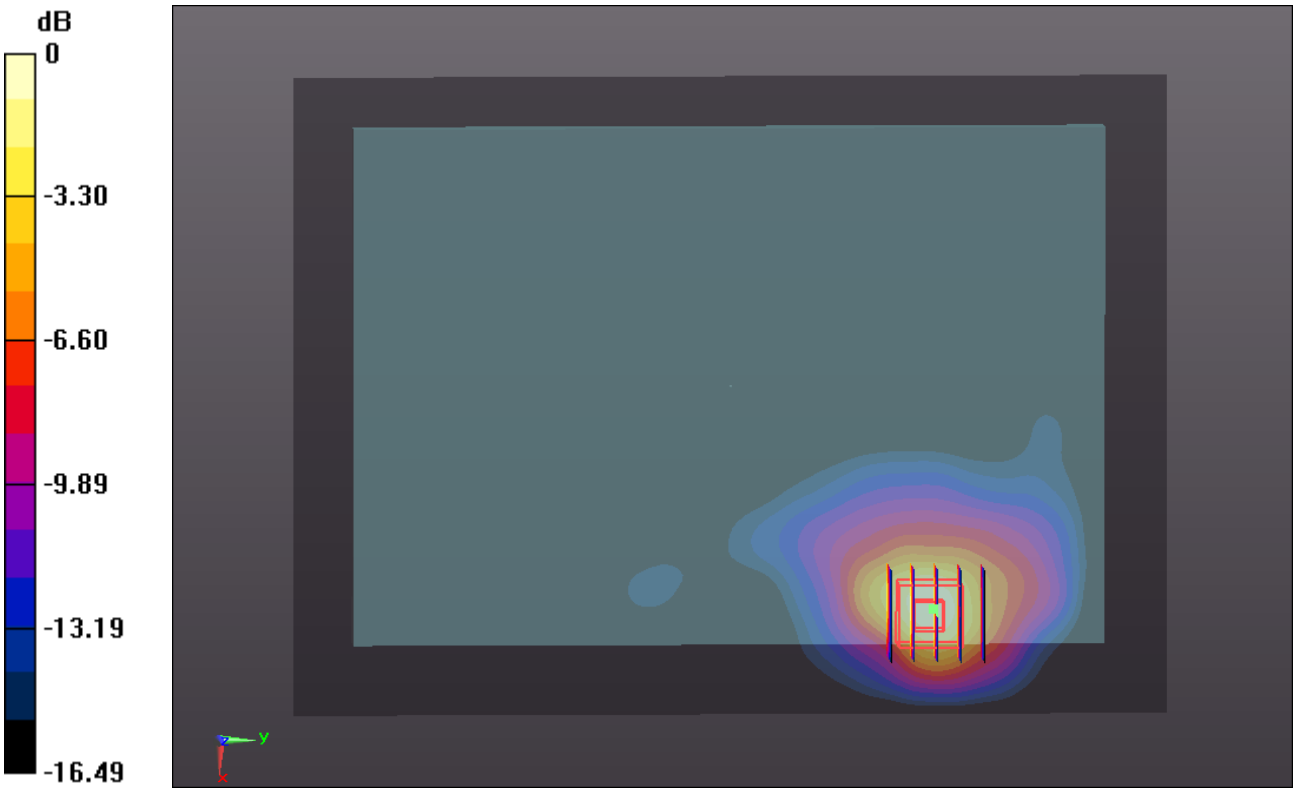
DUT: 331304

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130408 Medium parameters used: f = 1908 MHz; σ = 1.558 mho/m; ε_r = 53.34; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (151x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.583 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.394 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.373 W/kg
SAR(1 g) = 1.140 mW/g; SAR(10 g) = 0.566 mW/g
Maximum value of SAR (measured) = 1.672 mW/g



0 dB = 1.670mW/g

#27 WCDMA Band II_RMC12.2K_Bottom Face 1cm_Ch9538_Sensor off

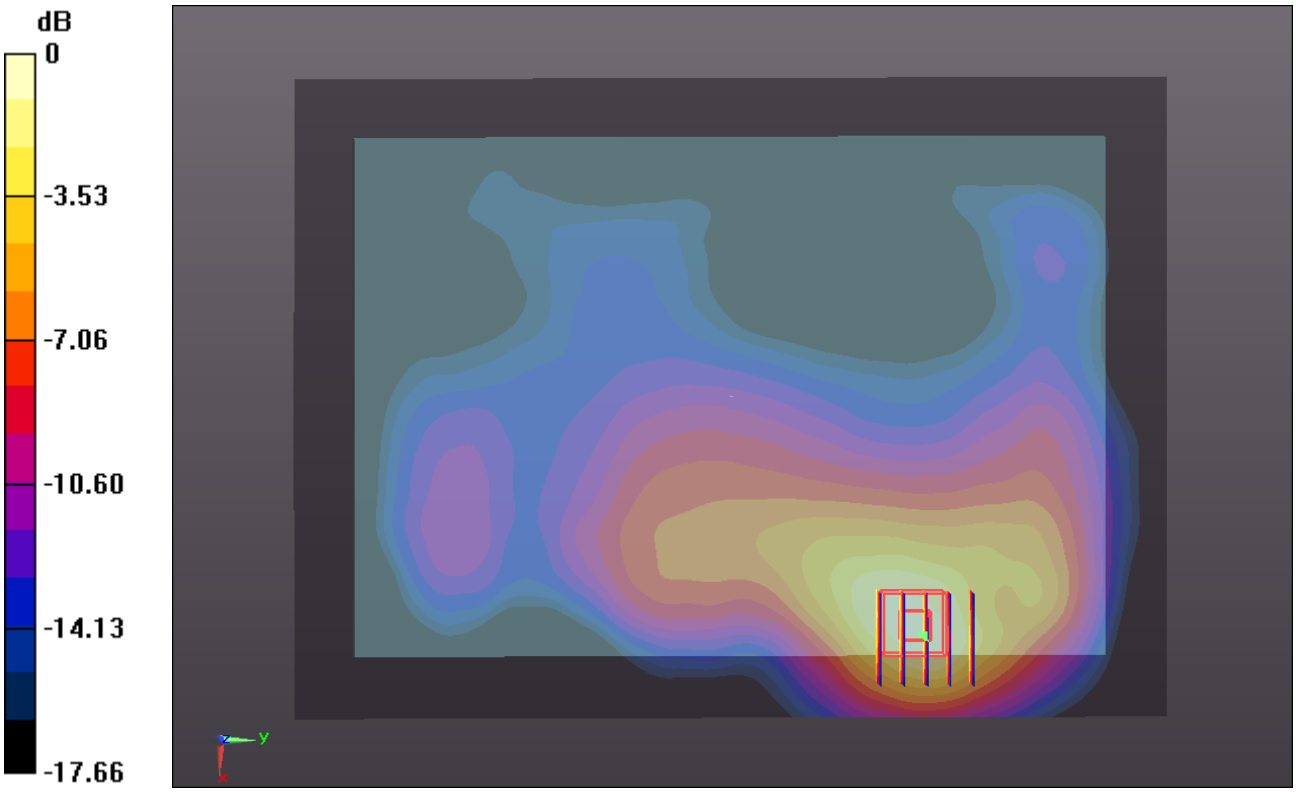
DUT: 331304

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130408 Medium parameters used: f = 1908 MHz; σ = 1.558 mho/m; ε_r = 53.34; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (151x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.901 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.234 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.223 W/kg
SAR(1 g) = 0.704 mW/g; SAR(10 g) = 0.392 mW/g
Maximum value of SAR (measured) = 0.950 mW/g



0 dB = 0.950mW/g

#28 WCDMA Band II_RMC12.2K_Edge1 0cm_Ch9538_P-Sensor on

DUT: 331304

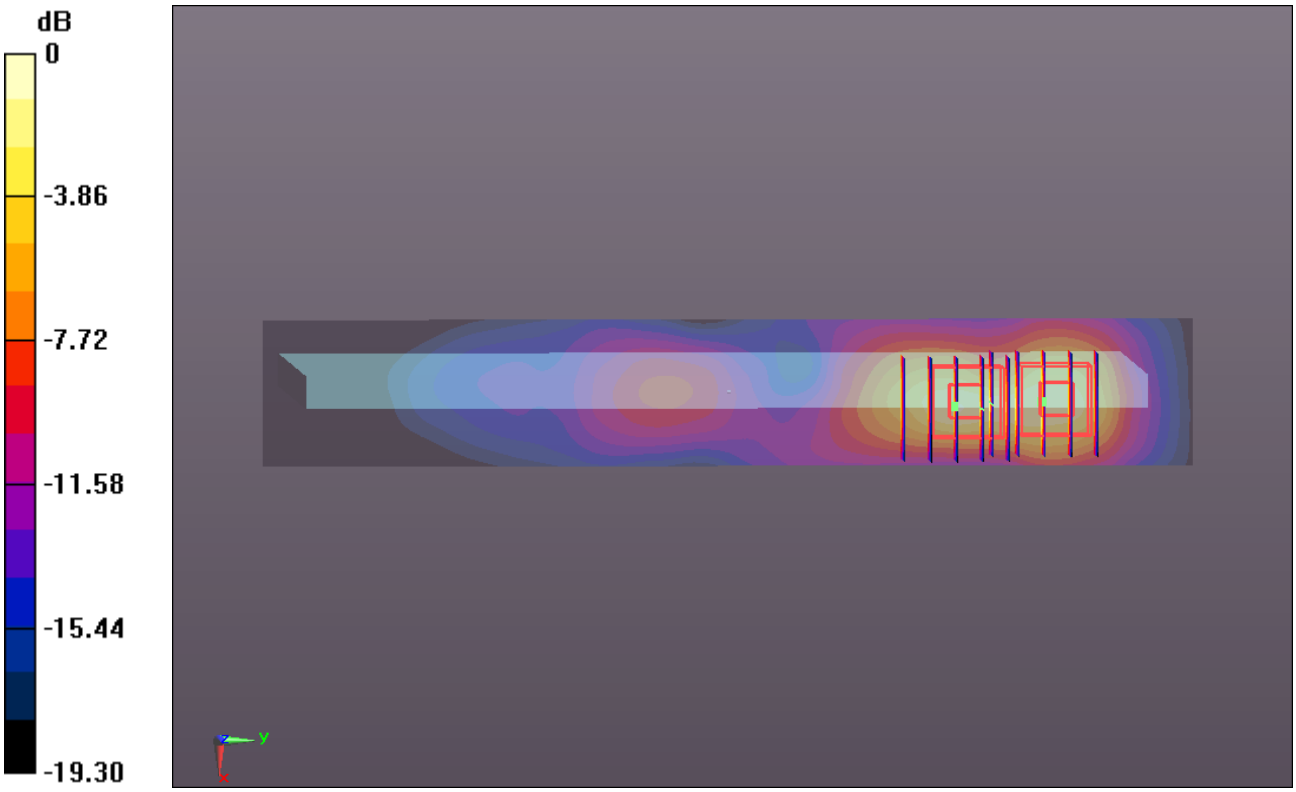
Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130408 Medium parameters used: f = 1908 MHz; σ = 1.558 mho/m; ε_r = 53.34; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (31x191x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.742 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.679 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.311 W/kg
SAR(1 g) = 0.584 mW/g; SAR(10 g) = 0.259 mW/g
Maximum value of SAR (measured) = 0.973 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.679 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.336 W/kg
SAR(1 g) = 0.547 mW/g; SAR(10 g) = 0.271 mW/g
Maximum value of SAR (measured) = 0.972 mW/g



0 dB = 0.970mW/g

#29 WCDMA Band II_RMC12.2K_Edge1 0.6cm_Ch9538_Sensor off

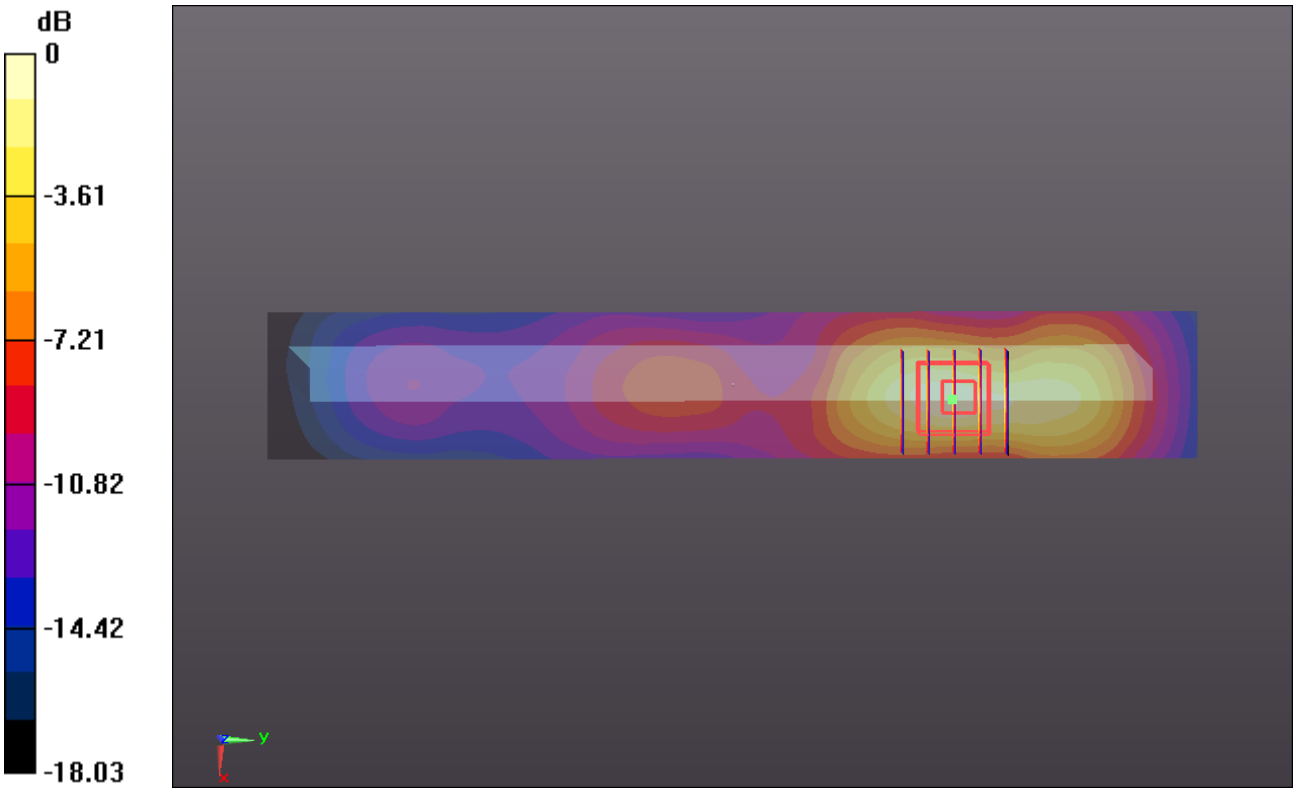
DUT: 331304

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130408 Medium parameters used: f = 1908 MHz; σ = 1.558 mho/m; ε_r = 53.34; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (31x191x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.380 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.730 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.821 W/kg
SAR(1 g) = 0.986 mW/g; SAR(10 g) = 0.507 mW/g
Maximum value of SAR (measured) = 1.424 mW/g



0 dB = 1.420mW/g

#30 WCDMA Band II_RMC12.2K_Edge2 0cm_Ch9538_Sensor off

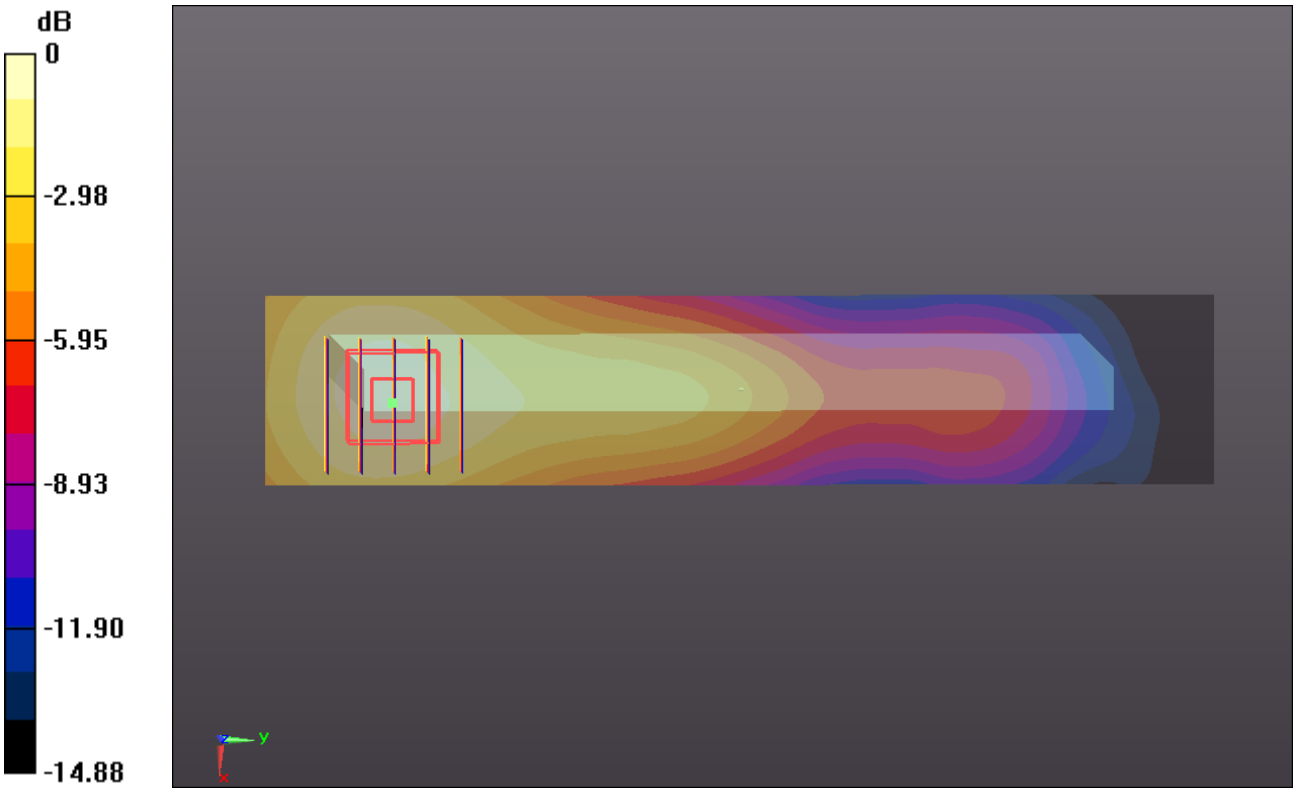
DUT: 331304

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130408 Medium parameters used: f = 1908 MHz; σ = 1.558 mho/m; ε_r = 53.34; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (31x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.148 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.217 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.196 W/kg
SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.069 mW/g
Maximum value of SAR (measured) = 0.159 mW/g



0 dB = 0.160mW/g

#31 WCDMA Band II_RMC12.2K_Bottom Face 0cm_Ch9262_P-Sensor on

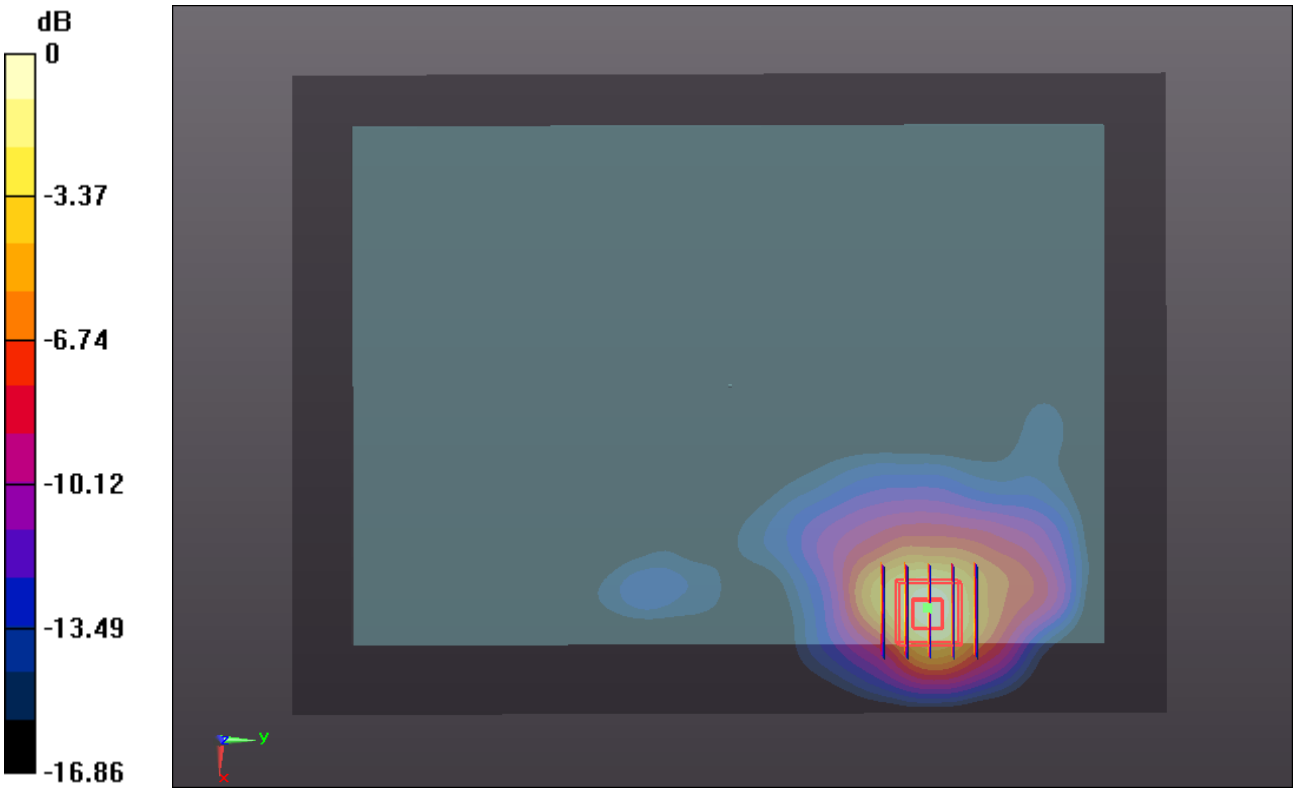
DUT: 331304

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130408 Medium parameters used: f = 1852.4 MHz; σ = 1.491 mho/m; ε_r = 53.474; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (151x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.815 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.410 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.795 W/kg
SAR(1 g) = 1.370 mW/g; SAR(10 g) = 0.681 mW/g
Maximum value of SAR (measured) = 2.067 mW/g



0 dB = 2.070mW/g

#32 WCDMA Band II_RMC12.2K_Bottom Face 0cm_Ch9262_P-Sensor on_Repeat SAR

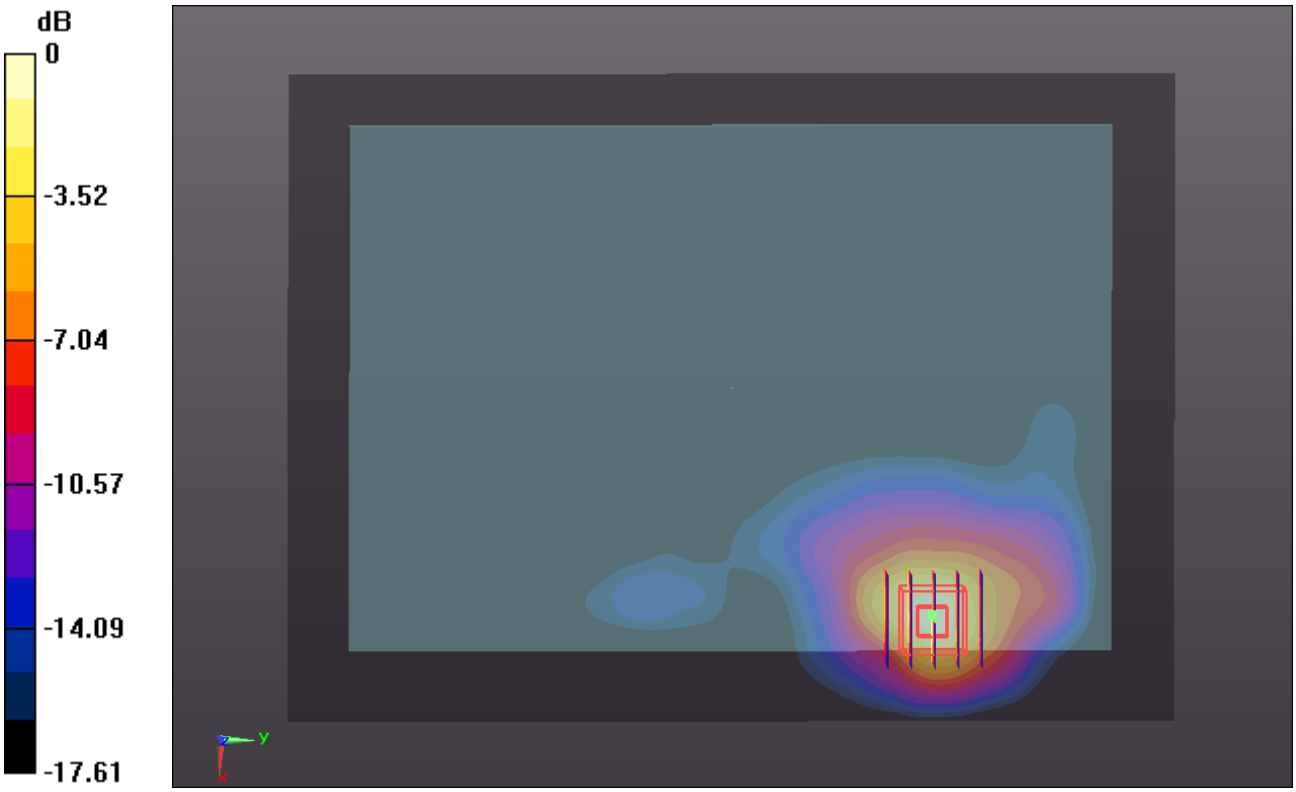
DUT: 331304

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130408 Medium parameters used: f = 1852.4 MHz; σ = 1.491 mho/m; ε_r = 53.474; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (151x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.802 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.329 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 2.795 W/kg
SAR(1 g) = 1.370 mW/g; SAR(10 g) = 0.676 mW/g
Maximum value of SAR (measured) = 2.060 mW/g



0 dB = 2.060mW/g

#33 WCDMA Band II_RMC12.2K_Bottom Face 0cm_Ch9400_P-Sensor on

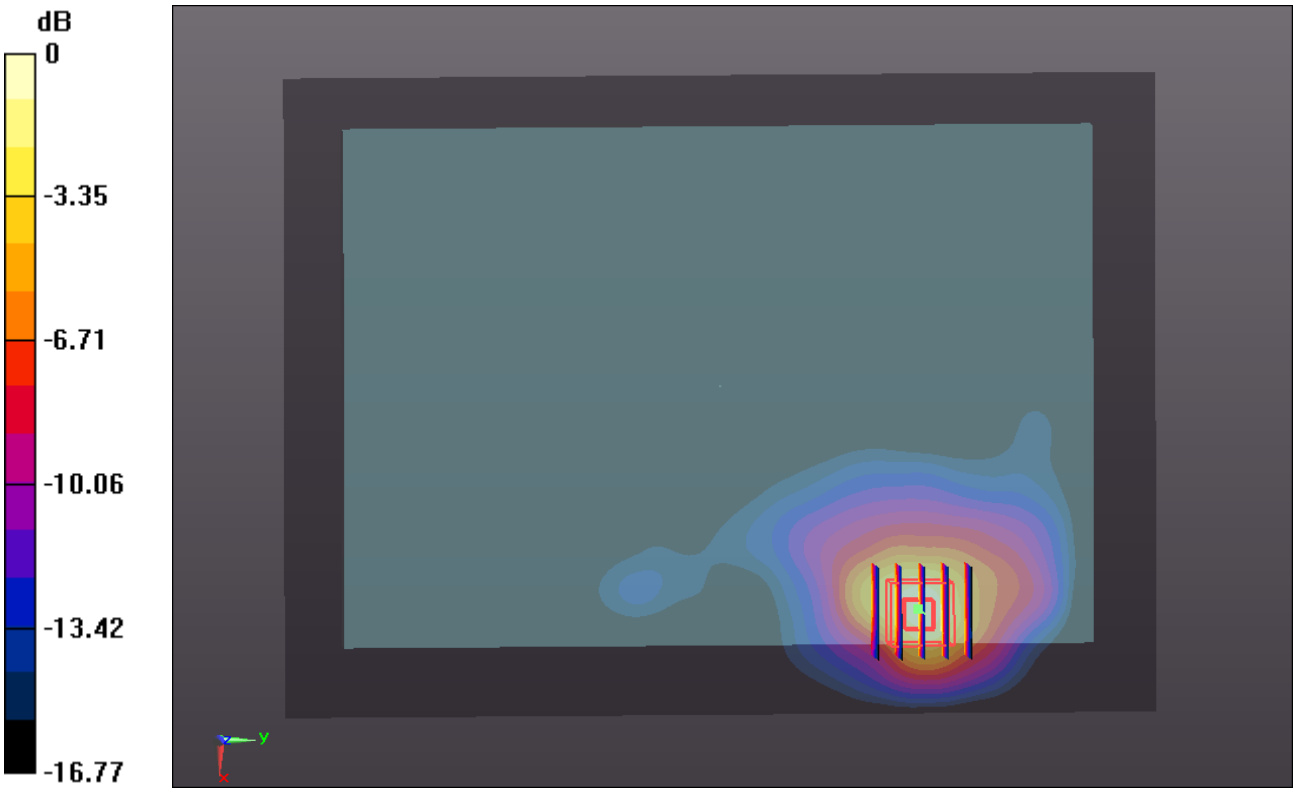
DUT: 331304

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130408 Medium parameters used: f = 1880 MHz; σ = 1.525 mho/m; ε_r = 53.414; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (151x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.425 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.209 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.162 W/kg
SAR(1 g) = 1.050 mW/g; SAR(10 g) = 0.519 mW/g
Maximum value of SAR (measured) = 1.594 mW/g



0 dB = 1.590mW/g

#34 WCDMA Band II_RMC12.2K_Edge1 0.6cm_Ch9262_Sensor off

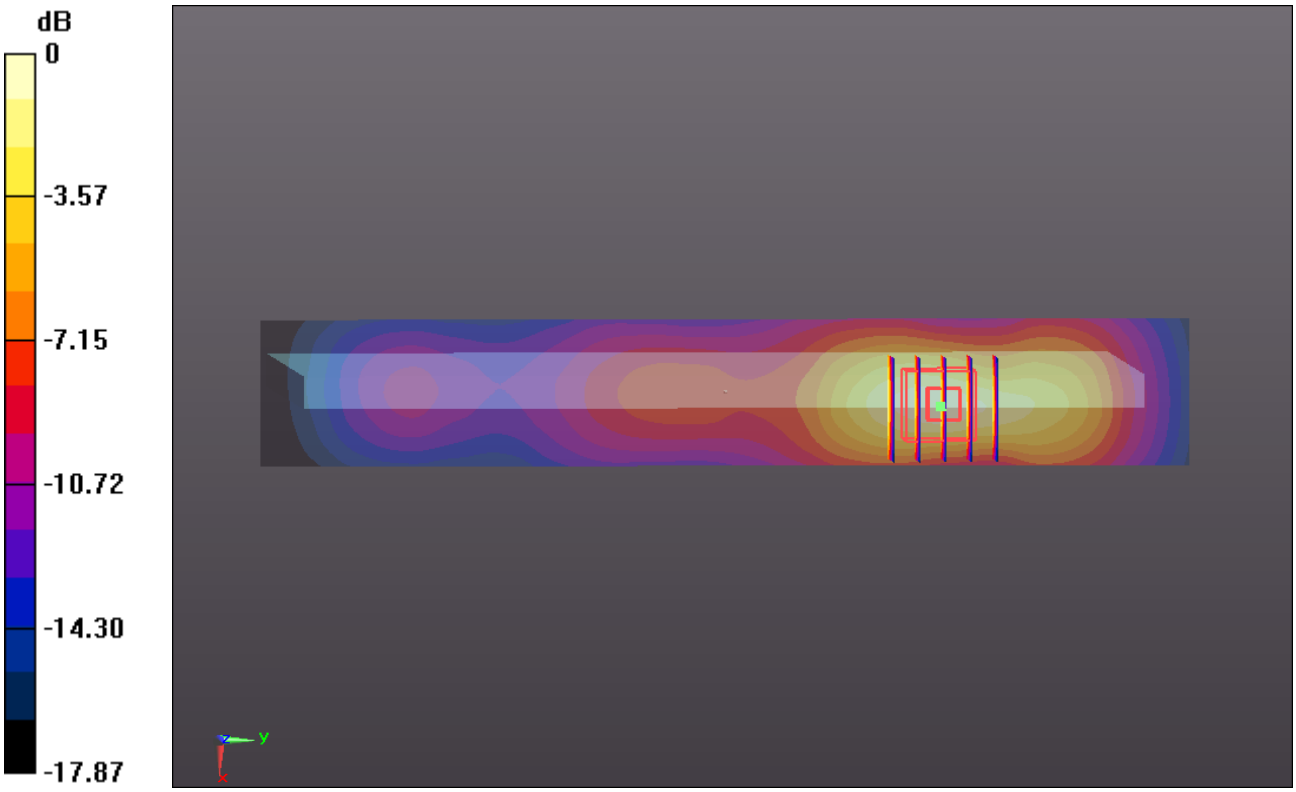
DUT: 331304

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130408 Medium parameters used: f = 1852.4 MHz; σ = 1.491 mho/m; ε_r = 53.474; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (31x191x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.786 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.669 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 2.325 W/kg
SAR(1 g) = 1.290 mW/g; SAR(10 g) = 0.680 mW/g
Maximum value of SAR (measured) = 1.836 mW/g



0 dB = 1.840mW/g

#35 WCDMA Band II_RMC12.2K_Edge1 0.6cm_Ch9400_Sensor off

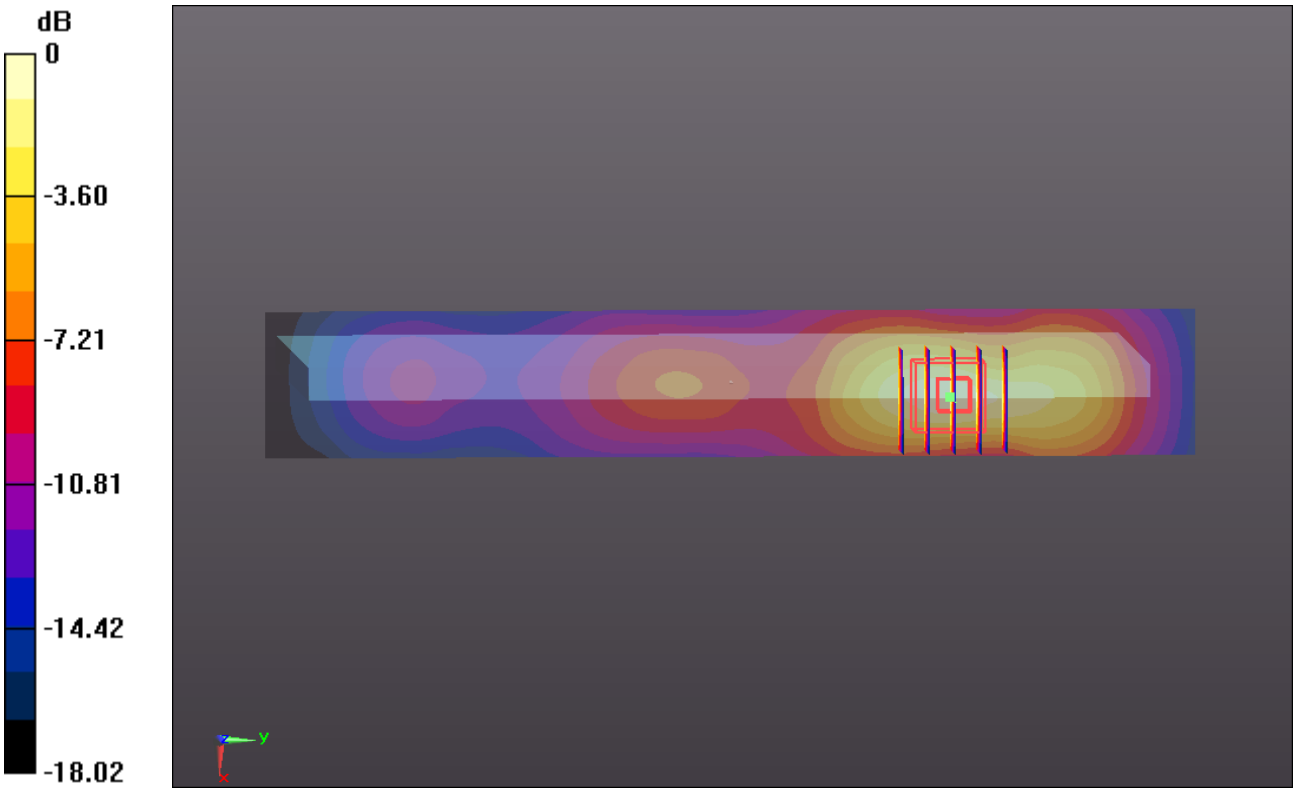
DUT: 331304

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130408 Medium parameters used: f = 1880 MHz; σ = 1.525 mho/m; ε_r = 53.414; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (31x191x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.397 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.109 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.852 W/kg
SAR(1 g) = 1.010 mW/g; SAR(10 g) = 0.528 mW/g
Maximum value of SAR (measured) = 1.458 mW/g



0 dB = 1.460mW/g

#36 WCDMA Band II_HSDPA Subtest-1_Bottom Face 0cm_Ch9262_P-Sensor on

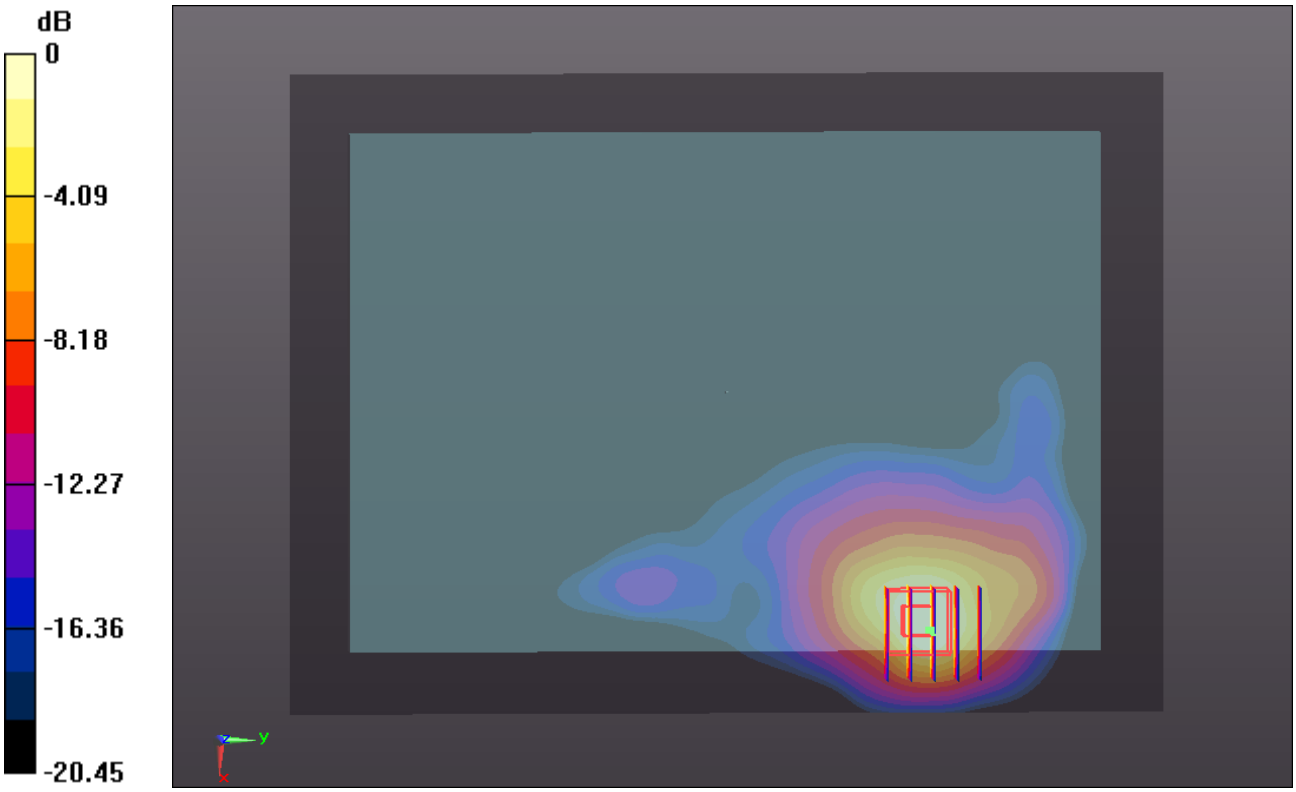
DUT: 331304

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130408 Medium parameters used: f = 1852.4 MHz; σ = 1.491 mho/m; ε_r = 53.474; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (151x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.837 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.608 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 2.536 W/kg
SAR(1 g) = 1.260 mW/g; SAR(10 g) = 0.621 mW/g
Maximum value of SAR (measured) = 1.794 mW/g



0 dB = 1.790mW/g

#37 WCDMA Band II_HSDPA Subtest-1_Bottom Face 0cm_Ch9400_P-Sensor on

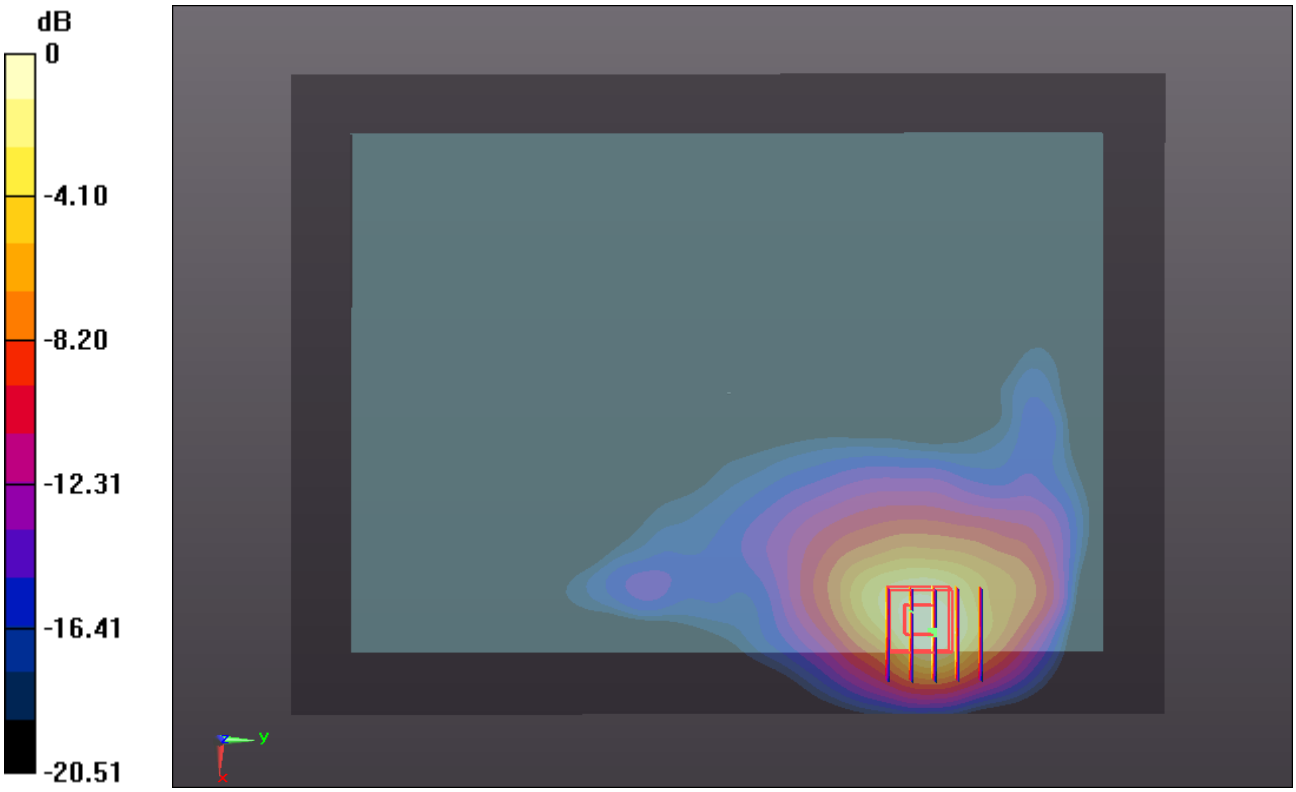
DUT: 331304

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130408 Medium parameters used: f = 1880 MHz; σ = 1.525 mho/m; ε_r = 53.414; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (151x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.355 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.352 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.978 W/kg
SAR(1 g) = 0.964 mW/g; SAR(10 g) = 0.474 mW/g
Maximum value of SAR (measured) = 1.353 mW/g



0 dB = 1.350mW/g

#38 WCDMA Band II_HSDPA Subtest-1_Bottom Face 0cm_Ch9538_P-Sensor on

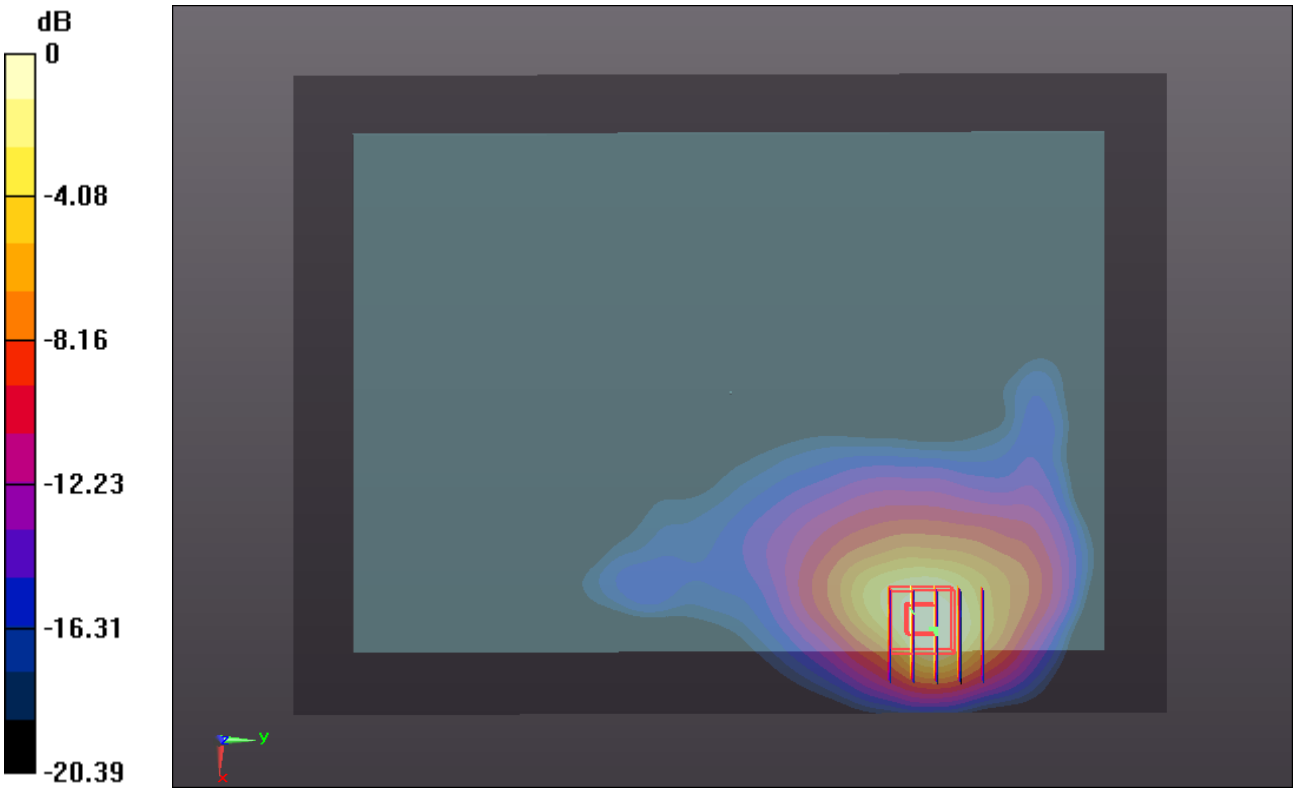
DUT: 331304

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130408 Medium parameters used: f = 1908 MHz; σ = 1.558 mho/m; ε_r = 53.34; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (151x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.541 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.588 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.187 W/kg
SAR(1 g) = 1.050 mW/g; SAR(10 g) = 0.515 mW/g
Maximum value of SAR (measured) = 1.486 mW/g



0 dB = 1.490mW/g

#49 WCDMA Band II_DC-HSDPA Subtest-1_Bottom Face 0cm_Ch9262_P-Sensor on

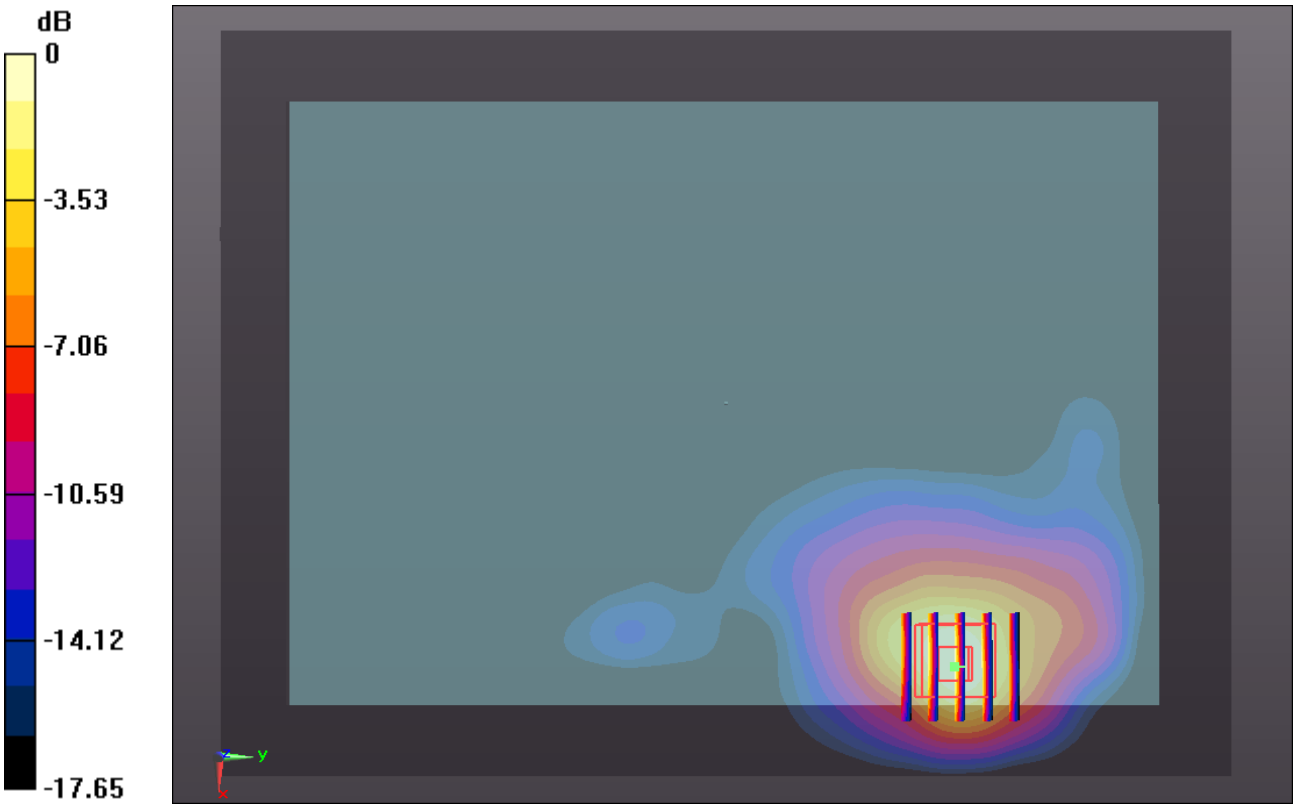
DUT: 331304

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130408 Medium parameters used: f = 1852.4 MHz; σ = 1.491 mho/m; ε_r = 53.474; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (151x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.745 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.299 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 2.432 W/kg
SAR(1 g) = 1.230 mW/g; SAR(10 g) = 0.619 mW/g
Maximum value of SAR (measured) = 1.834 mW/g



0 dB = 1.830mW/g

#50 WCDMA Band II_DC-HSDPA Subtest-1_Bottom Face 0cm_Ch9400_P-Sensor on

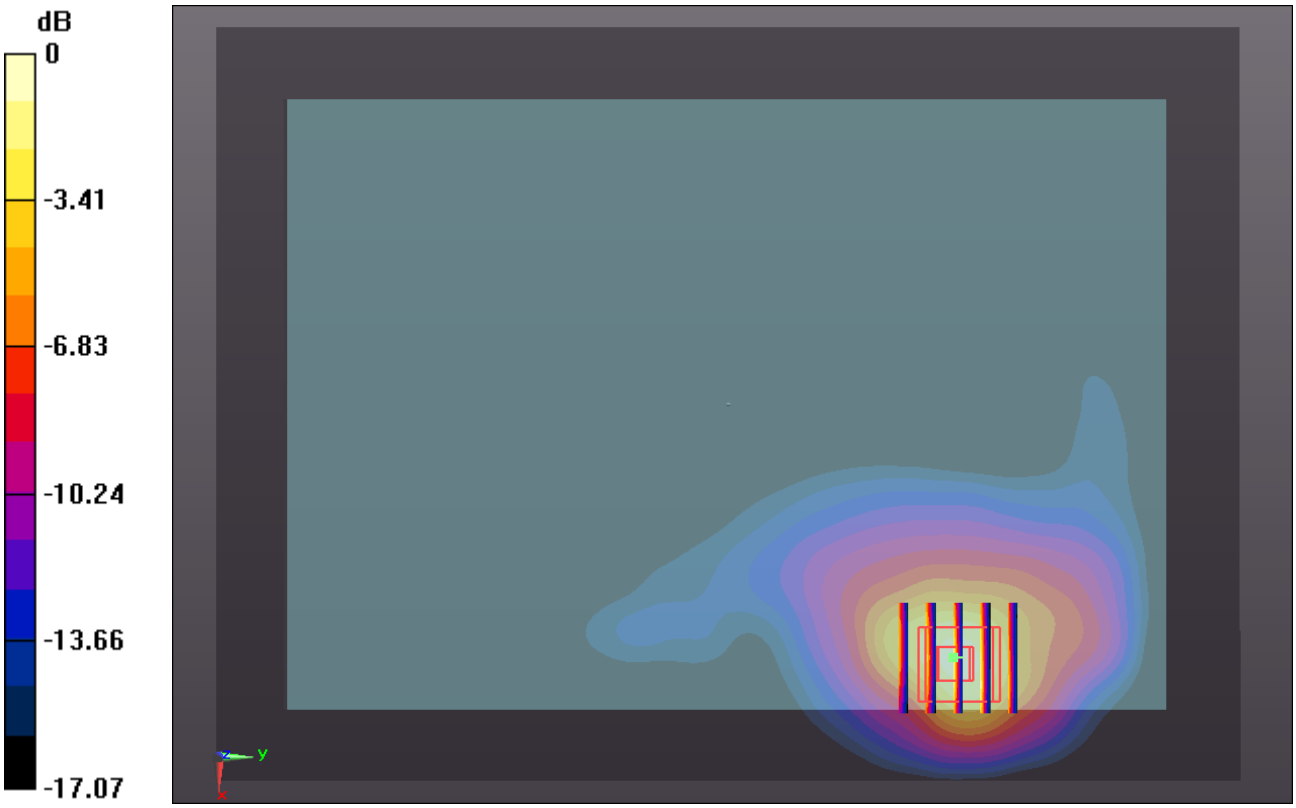
DUT: 331304

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130408 Medium parameters used: f = 1880 MHz; σ = 1.525 mho/m; ε_r = 53.414; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (151x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.238 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.985 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.985 W/kg
SAR(1 g) = 0.987 mW/g; SAR(10 g) = 0.493 mW/g
Maximum value of SAR (measured) = 1.480 mW/g



0 dB = 1.480mW/g

#51 WCDMA Band II_DC-HSDPA Subtest-1_Bottom Face 0cm_Ch9538_P-Sensor on

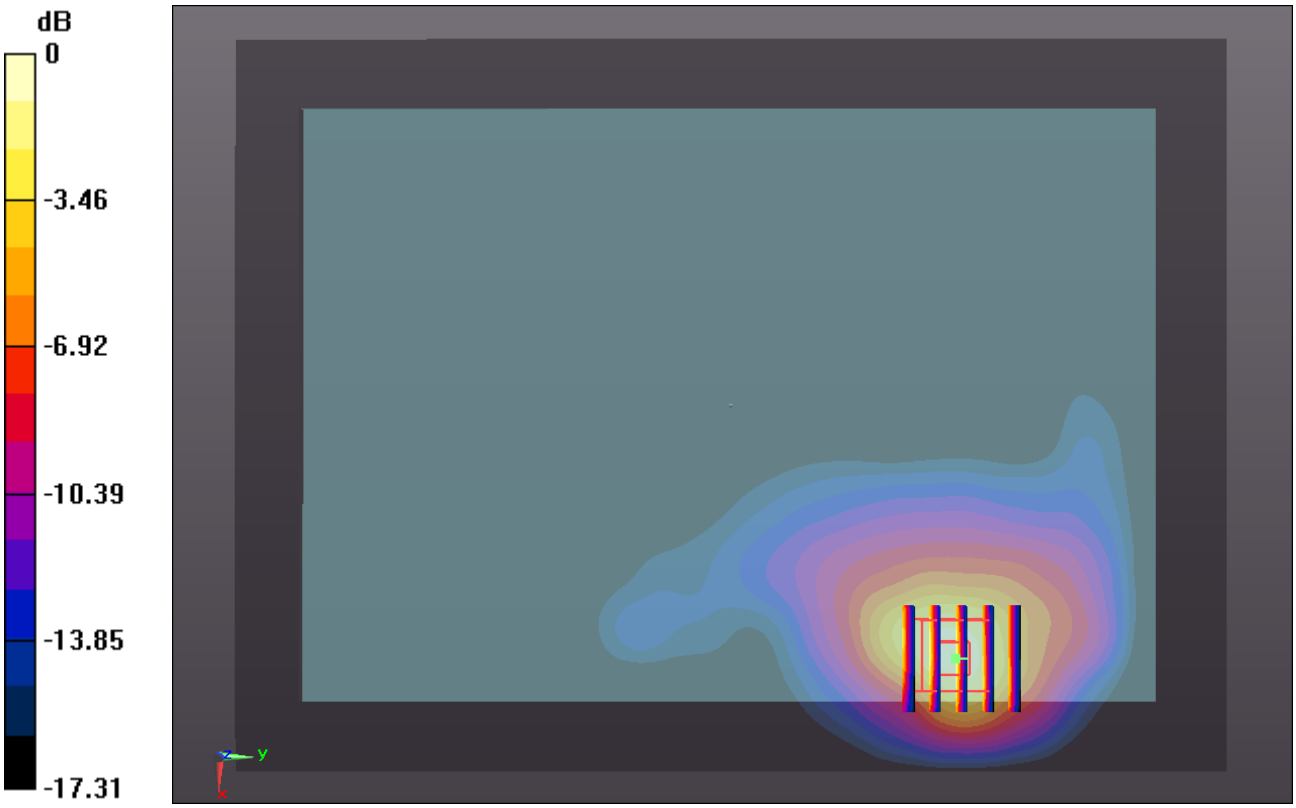
DUT: 331304

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130408 Medium parameters used: f = 1908 MHz; σ = 1.558 mho/m; ε_r = 53.34; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (151x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.225 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.132 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.877 W/kg
SAR(1 g) = 0.938 mW/g; SAR(10 g) = 0.472 mW/g
Maximum value of SAR (measured) = 1.403 mW/g



0 dB = 1.400mW/g

#39 WCDMA Band II_HSUPA Subtest-5_Bottom Face 0cm_Ch9262_P-Sensor on

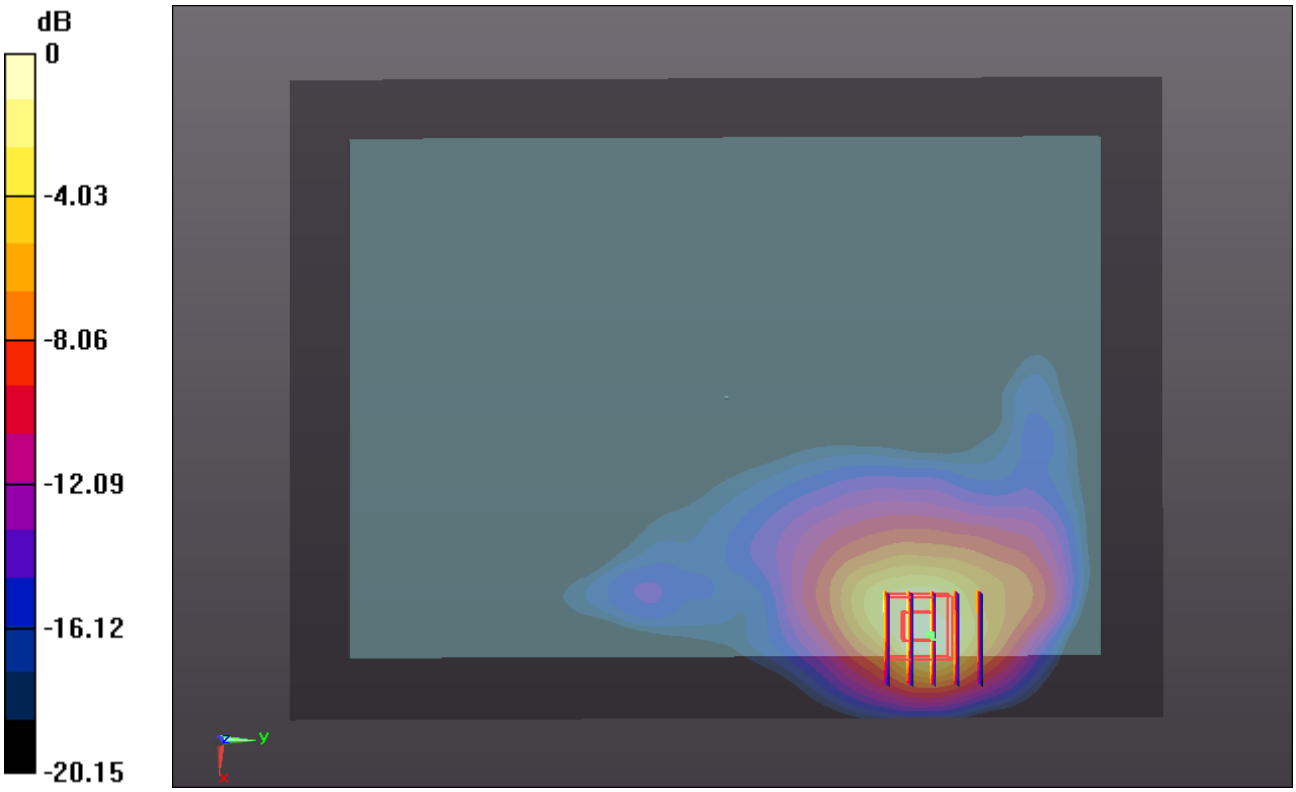
DUT: 331304

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130408 Medium parameters used: f = 1852.4 MHz; σ = 1.491 mho/m; ε_r = 53.474; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (151x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.557 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.842 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.296 W/kg
SAR(1 g) = 1.130 mW/g; SAR(10 g) = 0.558 mW/g
Maximum value of SAR (measured) = 1.630 mW/g



0 dB = 1.630mW/g

#40 WCDMA Band II_HSUPA Subtest-5_Bottom Face 0cm_Ch9400_P-Sensor on

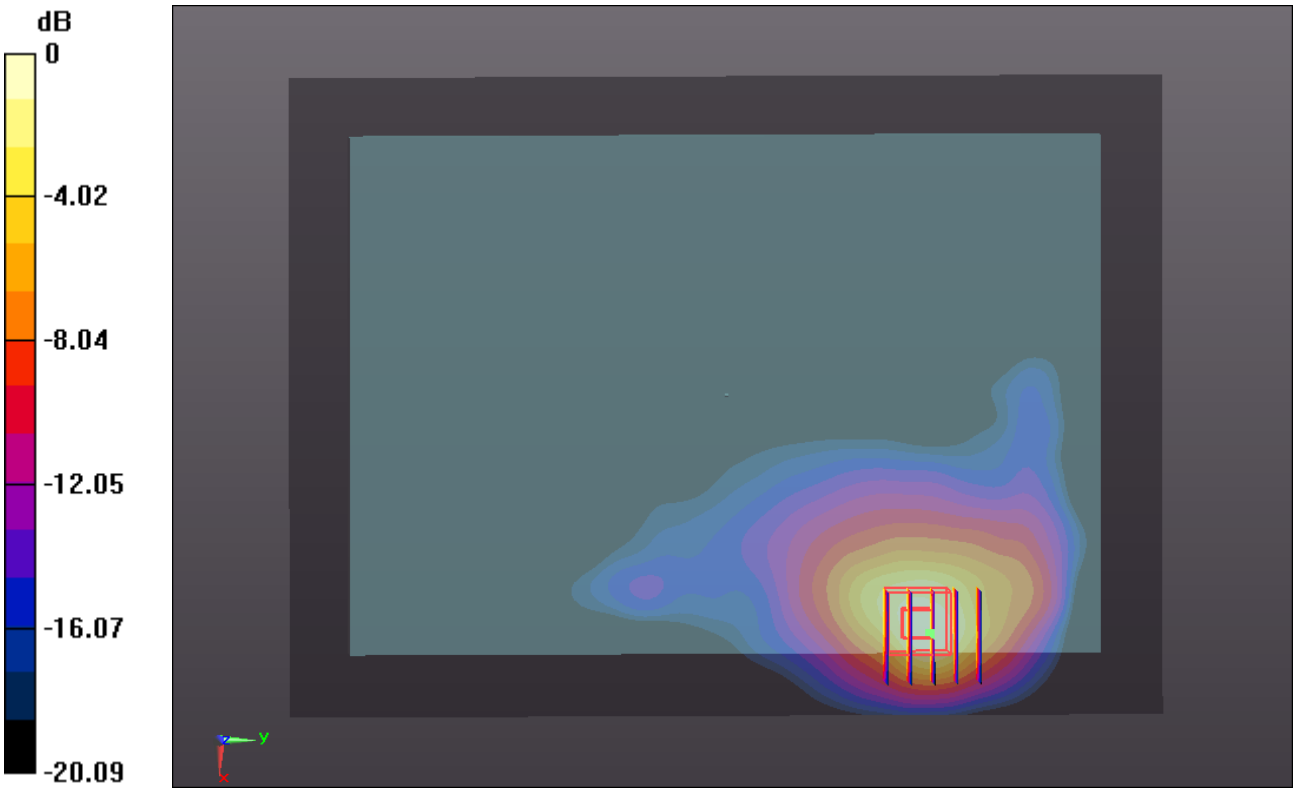
DUT: 331304

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130408 Medium parameters used: f = 1880 MHz; σ = 1.525 mho/m; ε_r = 53.414; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (151x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.198 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.556 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.756 W/kg
SAR(1 g) = 0.855 mW/g; SAR(10 g) = 0.420 mW/g
Maximum value of SAR (measured) = 1.202 mW/g



0 dB = 1.200mW/g

#41 WCDMA Band II_HSUPA Subtest-5_Bottom Face 0cm_Ch9538_P-Sensor on

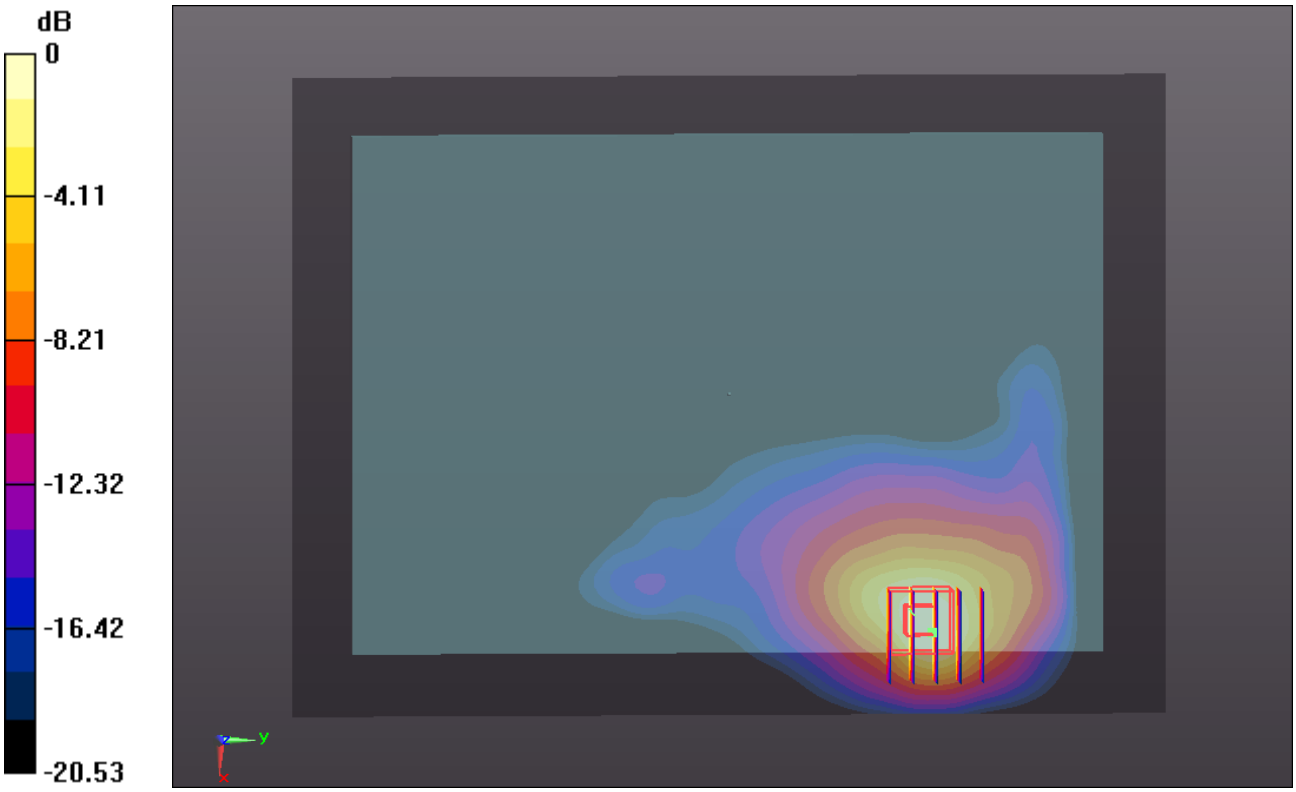
DUT: 331304

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130408 Medium parameters used: f = 1908 MHz; σ = 1.558 mho/m; ε_r = 53.34; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (151x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.358 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.439 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.938 W/kg
SAR(1 g) = 0.932 mW/g; SAR(10 g) = 0.456 mW/g
Maximum value of SAR (measured) = 1.316 mW/g



0 dB = 1.320mW/g

#52 WCDMA Band II_HSPA+ (16QAM) Subtest-1_Bottom Face 0cm_Ch9262_P-Sensor on

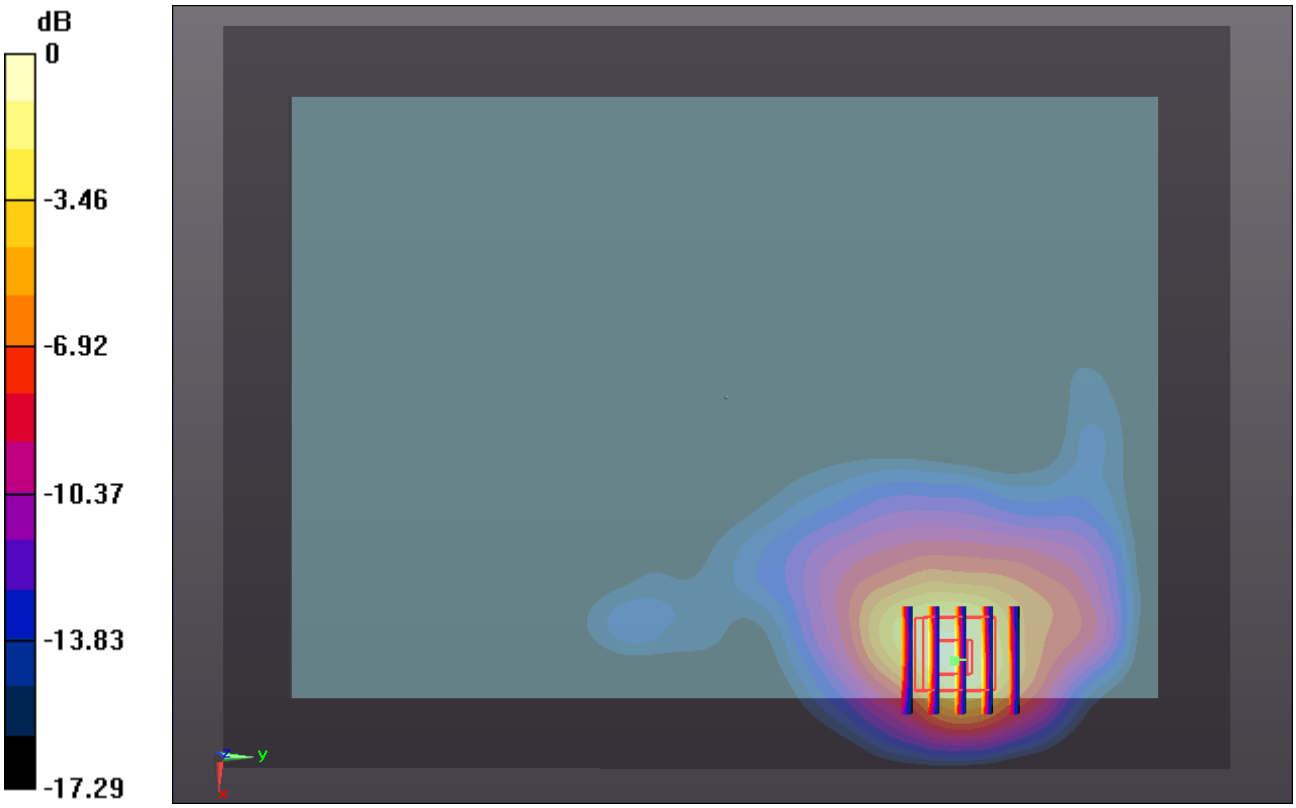
DUT: 331304

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130408 Medium parameters used: f = 1852.4 MHz; σ = 1.491 mho/m; ε_r = 53.474; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (151x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.345 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.952 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.142 W/kg
SAR(1 g) = 1.080 mW/g; SAR(10 g) = 0.546 mW/g
Maximum value of SAR (measured) = 1.621 mW/g



0 dB = 1.620mW/g

#53 WCDMA Band II_HSPA+ (16QAM) Subtest-1_Bottom Face 0cm_Ch9400_P-Sensor on

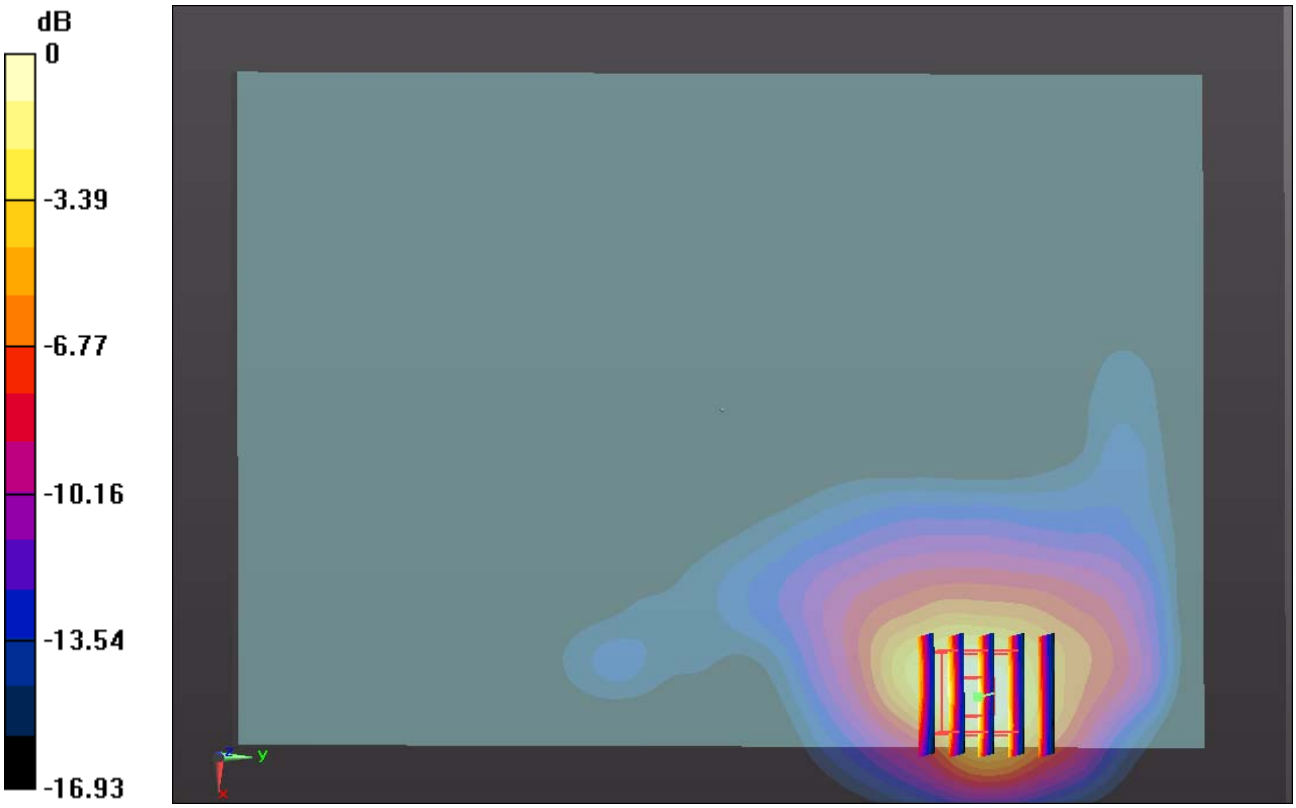
DUT: 331304

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130408 Medium parameters used: f = 1880 MHz; σ = 1.525 mho/m; ε_r = 53.414; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (151x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.099 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.958 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.575 W/kg
SAR(1 g) = 0.789 mW/g; SAR(10 g) = 0.398 mW/g
Maximum value of SAR (measured) = 1.181 mW/g



0 dB = 1.180mW/g

#54 WCDMA Band II_HSPA+ (16QAM) Subtest-1_Bottom Face 0cm_Ch9538_P-Sensor on

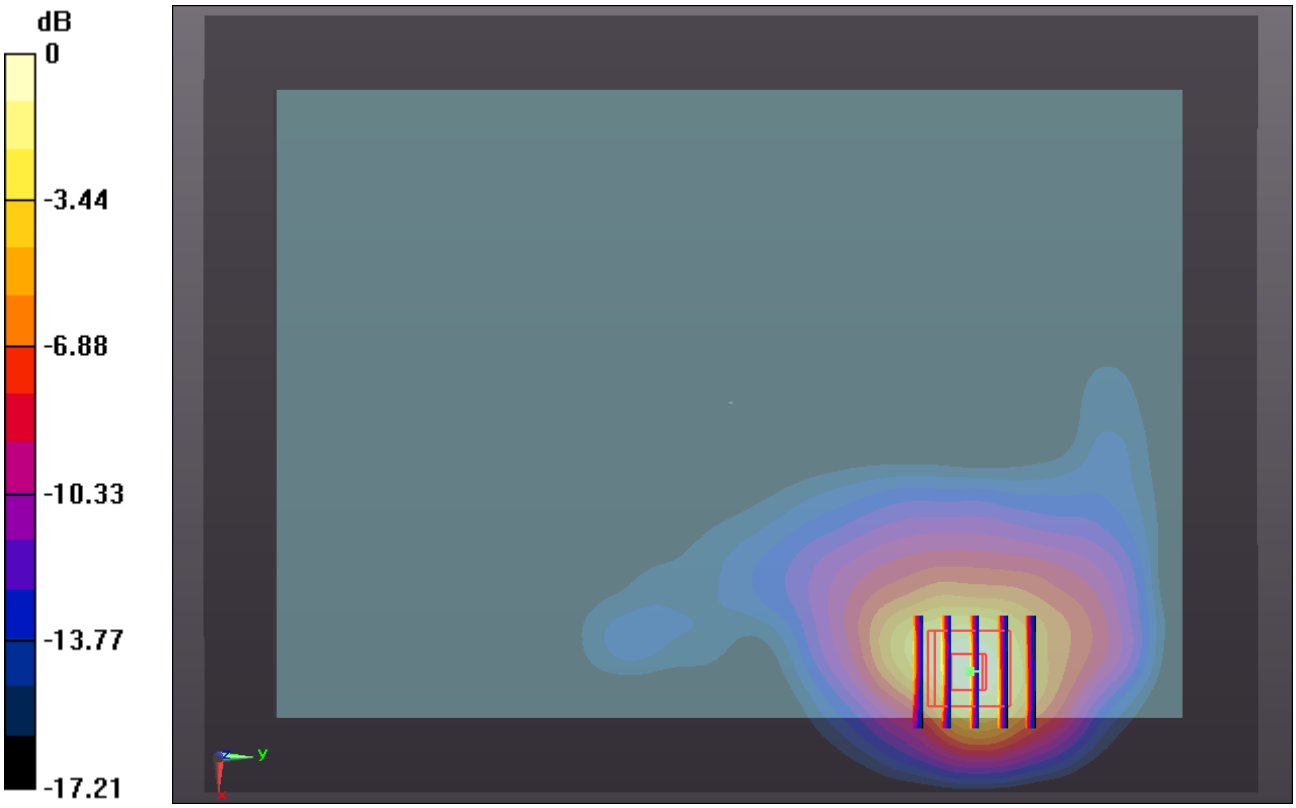
DUT: 331304

Communication System: UMTS; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130408 Medium parameters used: f = 1908 MHz; σ = 1.558 mho/m; ε_r = 53.34; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (151x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.149 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.912 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.729 W/kg
SAR(1 g) = 0.860 mW/g; SAR(10 g) = 0.433 mW/g
Maximum value of SAR (measured) = 1.293 mW/g



0 dB = 1.290mW/g

#42 WLAN 2.4GHz Band_802.11b_Bottom Face 0cm_Ch6

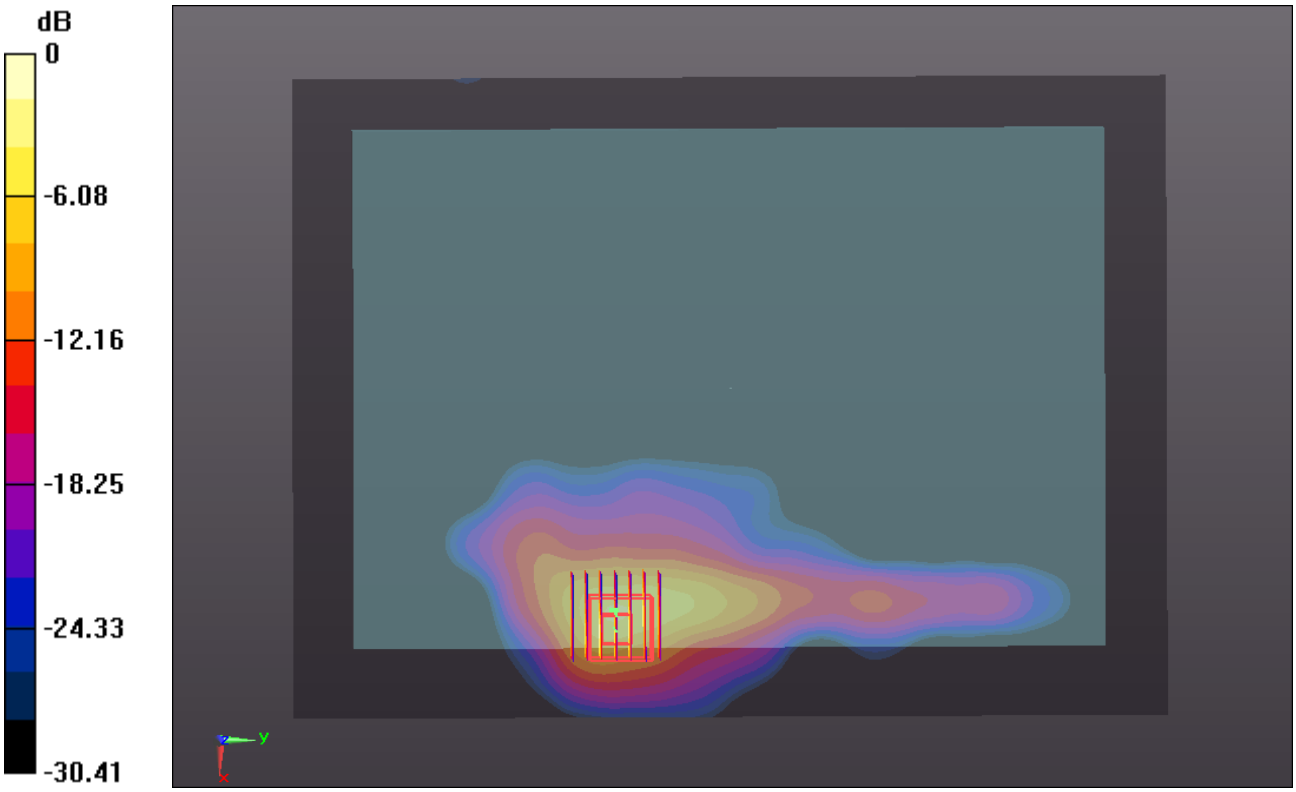
DUT: 331304

Communication System: WIFI; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130410 Medium parameters used: f = 2437 MHz; σ = 1.976 mho/m; ε_r = 53.488; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch6/Area Scan (181x251x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.692 mW/g

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.006 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.482 W/kg
SAR(1 g) = 0.886 mW/g; SAR(10 g) = 0.335 mW/g
Maximum value of SAR (measured) = 1.645 mW/g



0 dB = 1.650mW/g

#43 WLAN 2.4GHz Band_802.11b_Edge1 0cm_Ch6

DUT: 331304

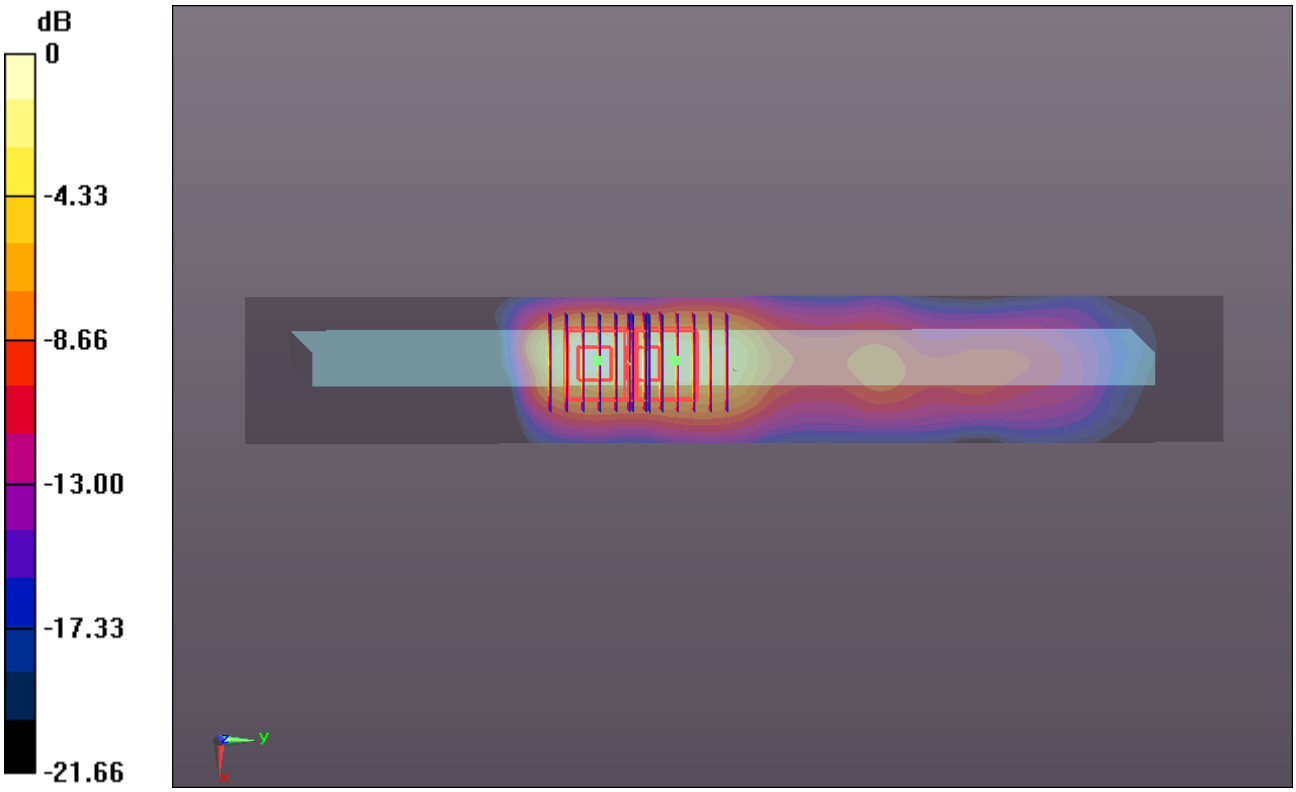
Communication System: WIFI; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130410 Medium parameters used: f = 2437 MHz; σ = 1.976 mho/m; ε_r = 53.488; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch6/Area Scan (41x251x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.678 mW/g

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.623 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.445 W/kg
SAR(1 g) = 0.566 mW/g; SAR(10 g) = 0.221 mW/g
Maximum value of SAR (measured) = 0.955 mW/g

Ch6/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.623 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.074 W/kg
SAR(1 g) = 0.416 mW/g; SAR(10 g) = 0.189 mW/g
Maximum value of SAR (measured) = 0.724 mW/g



0 dB = 0.720mW/g

#44 WLAN 2.4GHz Band_802.11b_Bottom Face 0cm_Ch1

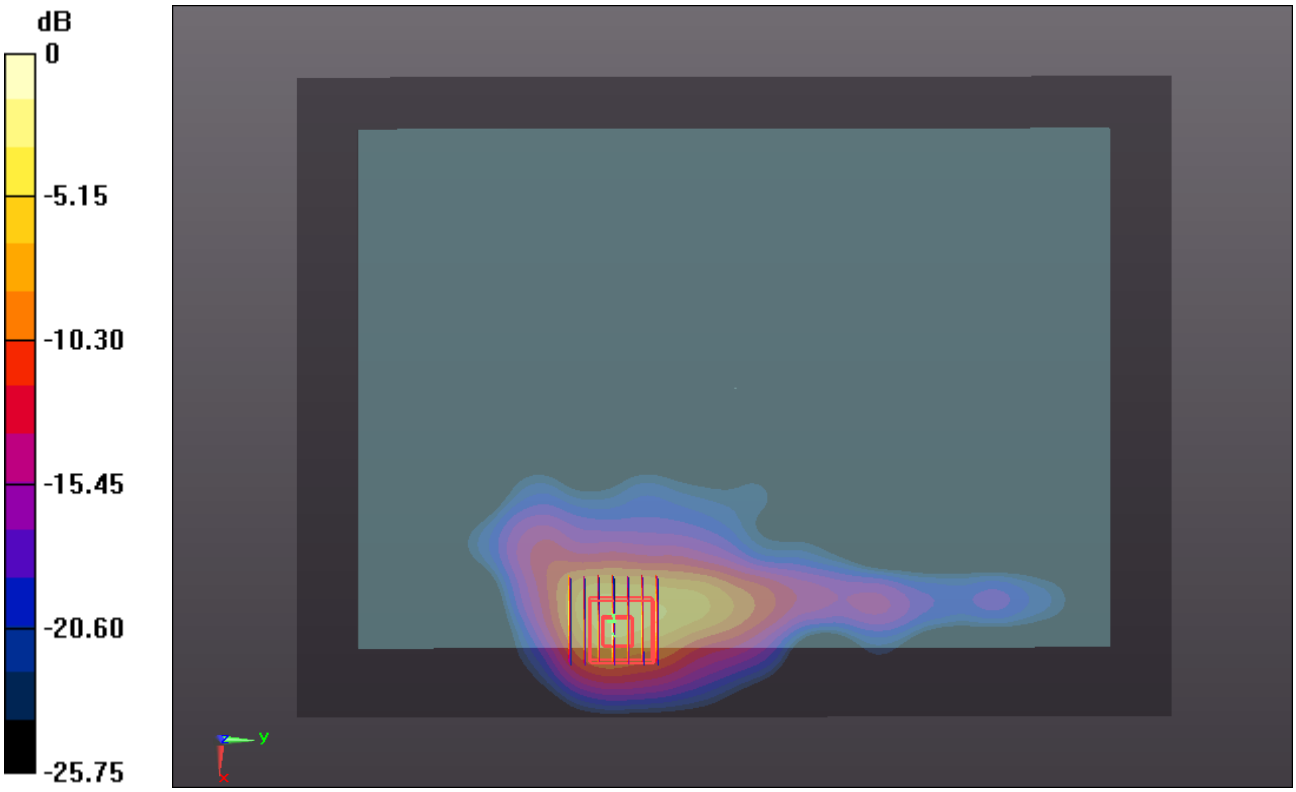
DUT: 331304

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130410 Medium parameters used: f = 2412 MHz; σ = 1.933 mho/m; ε_r = 53.535; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (181x251x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.734 mW/g

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.067 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.615 W/kg
SAR(1 g) = 0.936 mW/g; SAR(10 g) = 0.353 mW/g
Maximum value of SAR (measured) = 1.700 mW/g



0 dB = 1.700mW/g

#45 WLAN 2.4GHz Band_802.11b_Bottom Face 0cm_Ch1_Repeat SAR

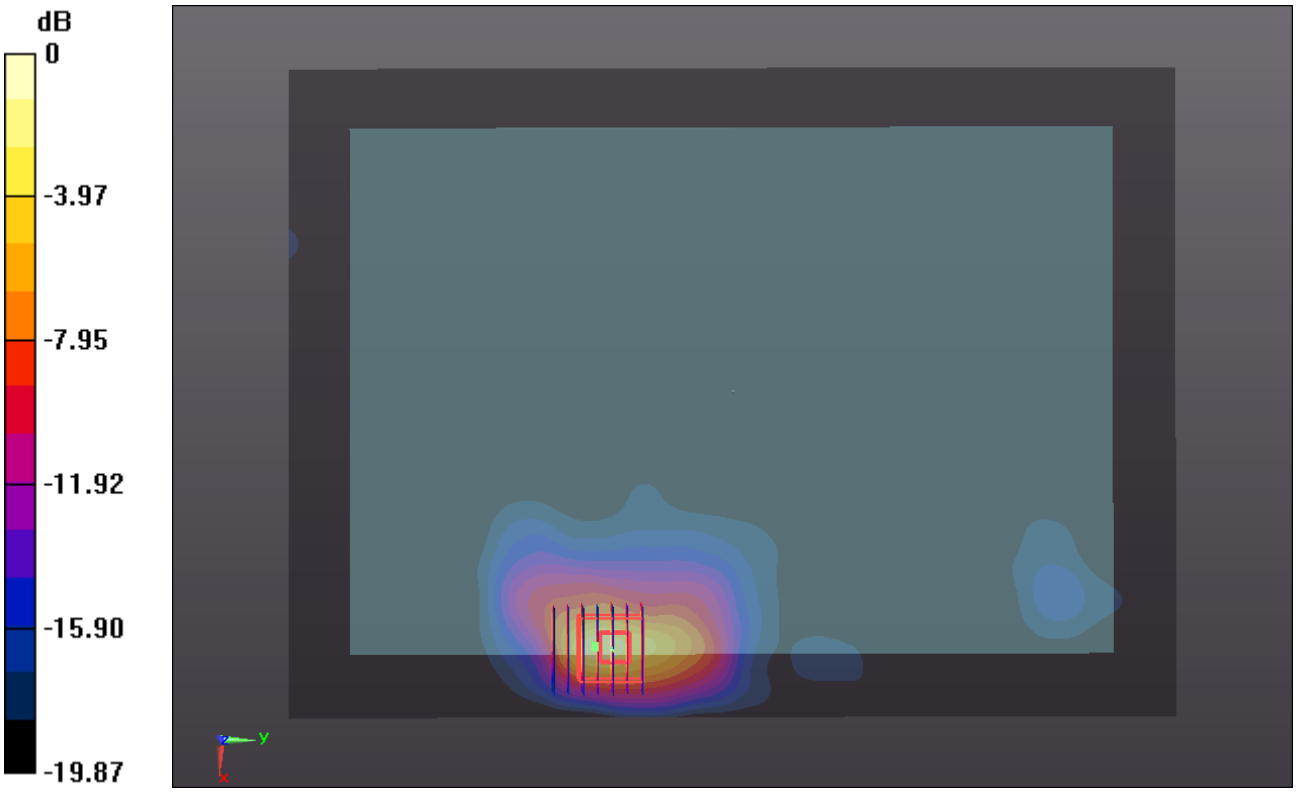
DUT: 331304-01

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130409 Medium parameters used: f = 2412 MHz; σ = 1.933 mho/m; ε_r = 53.535; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (181x251x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.219 mW/g

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.946 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 2.700 W/kg
SAR(1 g) = 0.932 mW/g; SAR(10 g) = 0.357 mW/g
Maximum value of SAR (measured) = 1.744 mW/g



0 dB = 1.740mW/g

#46 WLAN 2.4GHz Band_802.11b_Bottom Face 0cm_Ch11

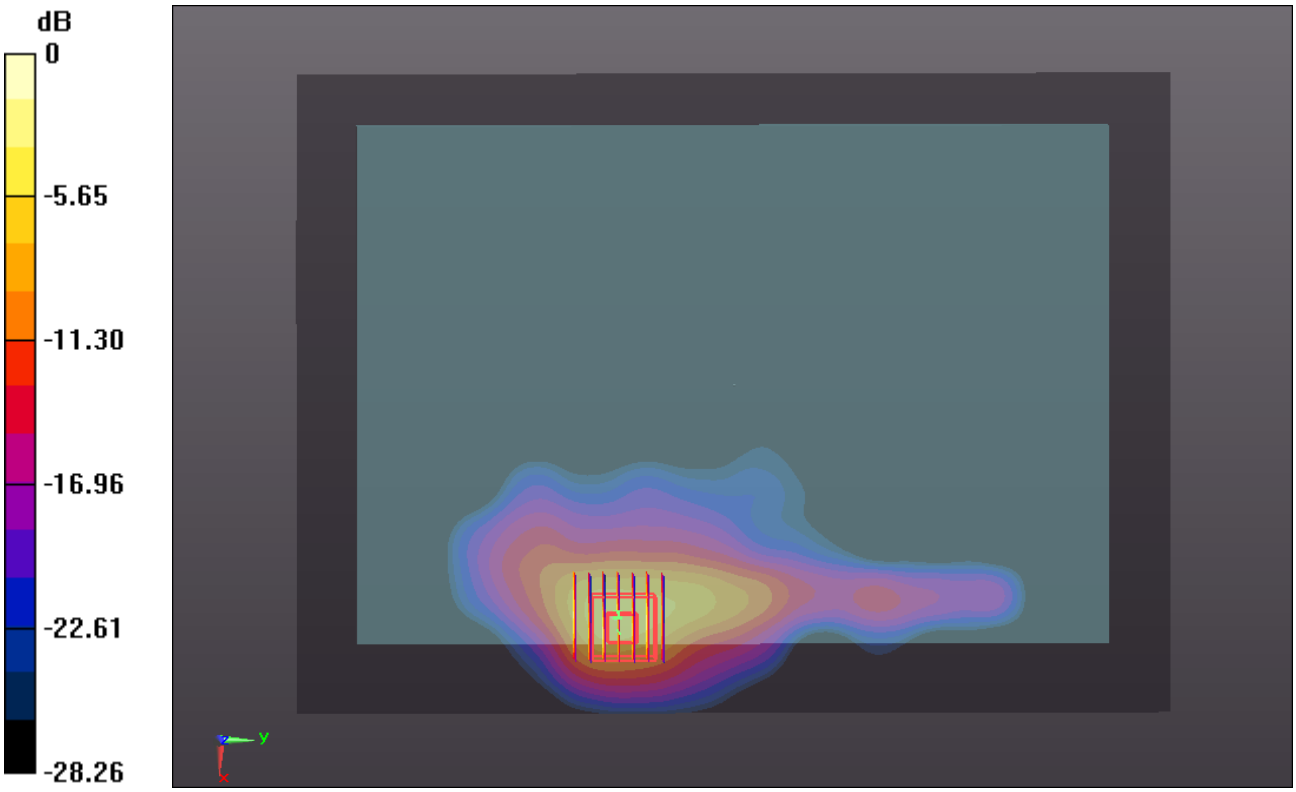
DUT: 331304

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130410 Medium parameters used: f = 2462 MHz; σ = 2.027 mho/m; ε_r = 53.408; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (181x251x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.650 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.379 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 2.283 W/kg
SAR(1 g) = 0.811 mW/g; SAR(10 g) = 0.304 mW/g
Maximum value of SAR (measured) = 1.520 mW/g



0 dB = 1.520mW/g

#47 WLAN 2.4GHz Band_802.11b_Bottom Face 1cm_Ch1

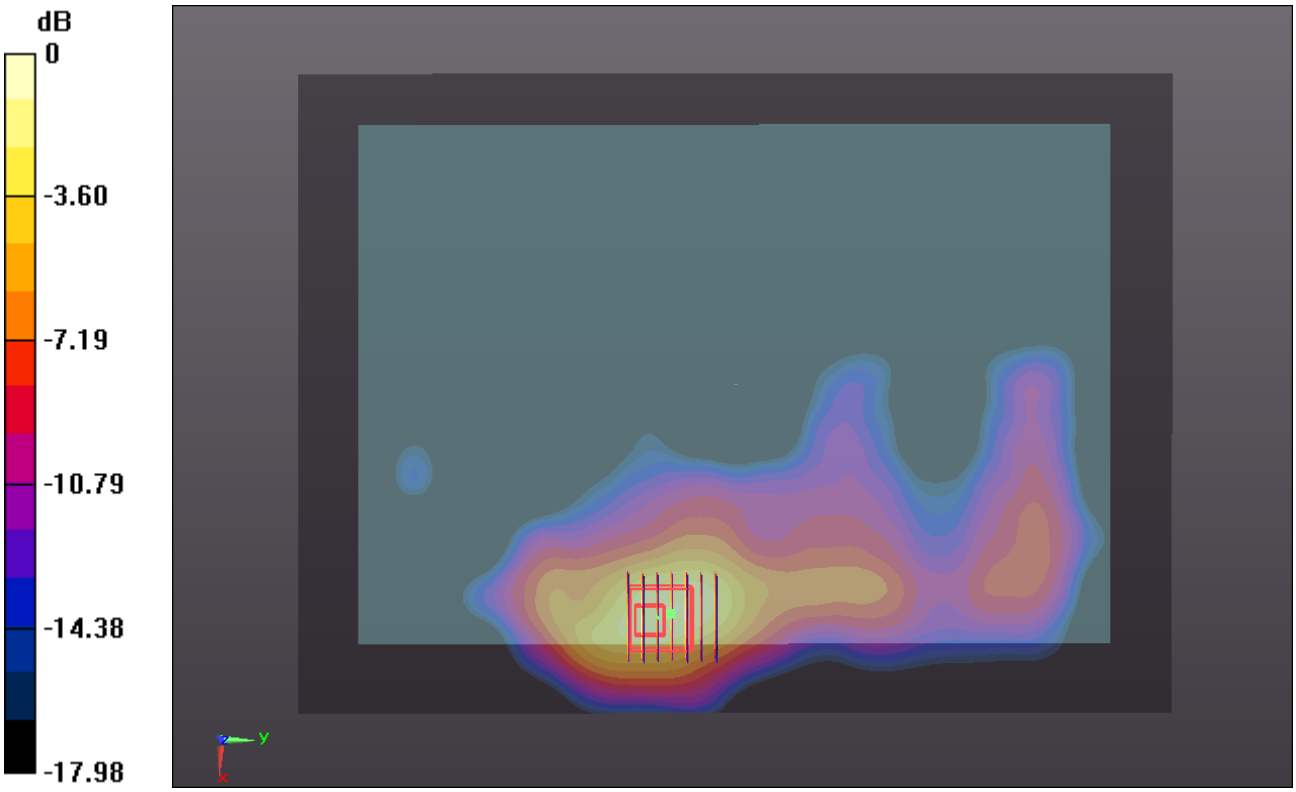
DUT: 331304

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130410 Medium parameters used: f = 2412 MHz; σ = 1.933 mho/m; ε_r = 53.535; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (181x251x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.184 mW/g

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.126 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.330 W/kg
SAR(1 g) = 0.167 mW/g; SAR(10 g) = 0.085 mW/g
Maximum value of SAR (measured) = 0.242 mW/g



0 dB = 0.240mW/g

#48 WLAN 2.4GHz Band_802.11b_Edge1 0.6cm_Ch6

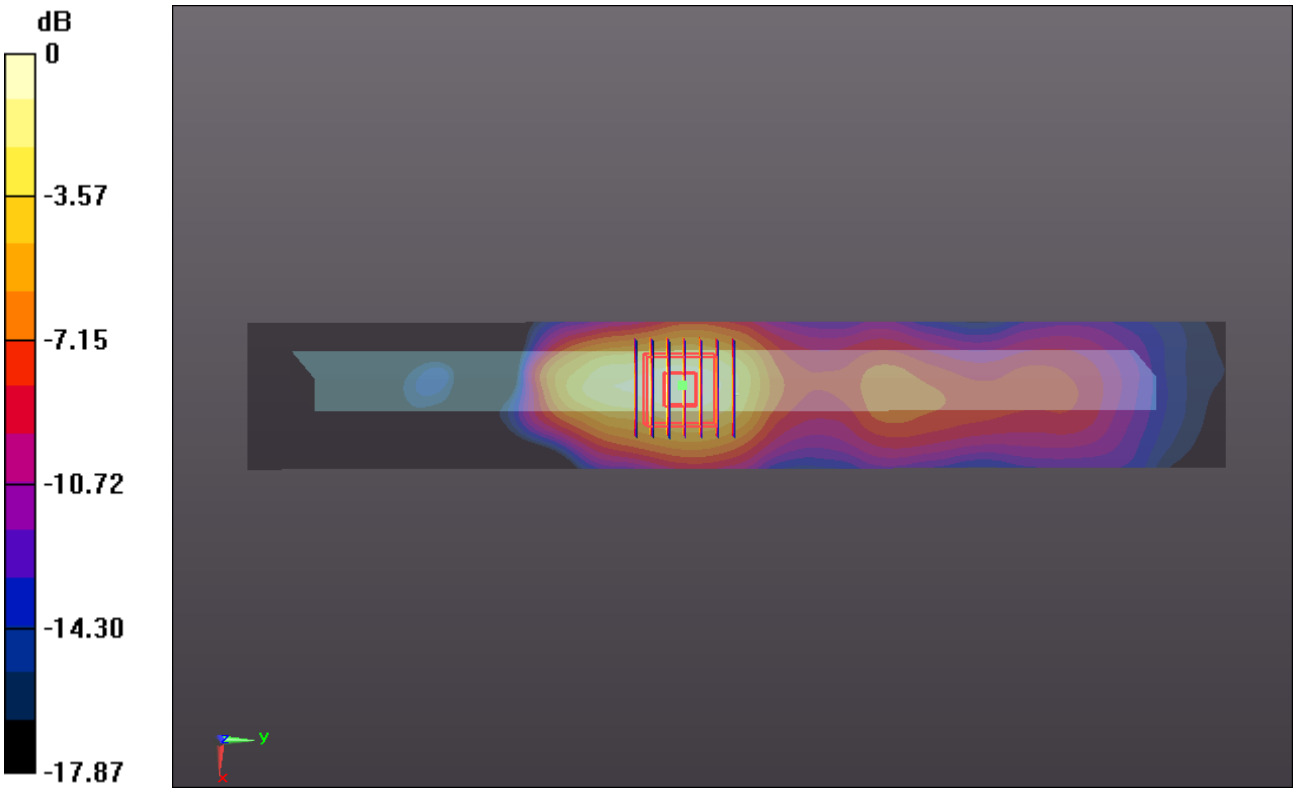
DUT: 331304

Communication System: WIFI; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130410 Medium parameters used: f = 2437 MHz; σ = 1.976 mho/m; ε_r = 53.488; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch6/Area Scan (41x251x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.315 mW/g

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.092 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.443 W/kg
SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.116 mW/g
Maximum value of SAR (measured) = 0.330 mW/g



0 dB = 0.330mW/g