Appendix B. Plots of SAR Measurement

The plots are shown as follows.

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013-5-25

#01 CDMA2000 BC1_RC3 SO55_Right Check_Ch600

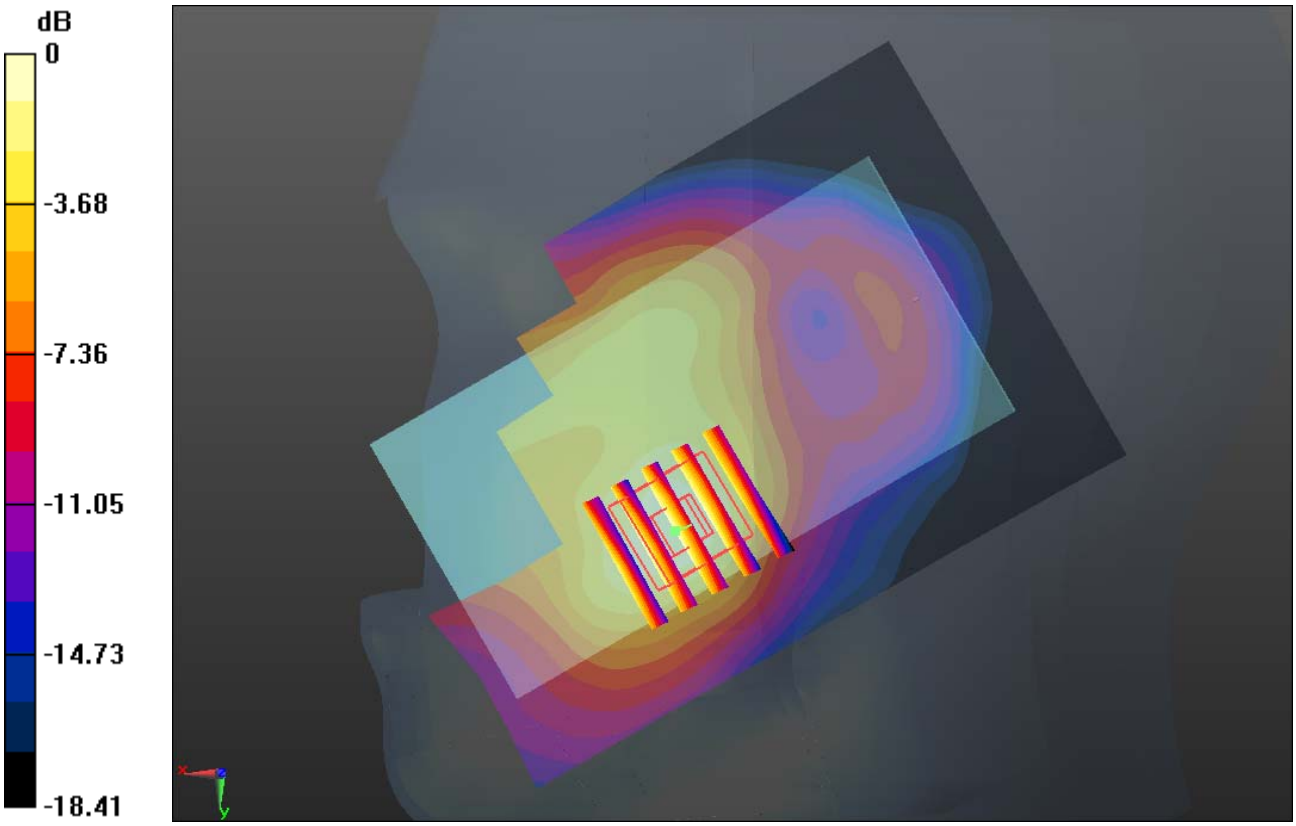
DUT: 331405

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130525 Medium parameters used: f = 1880 MHz; σ = 1.402 mho/m; ε_r = 39.099; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.840 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.531 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.941 W/kg
SAR(1 g) = 0.640 mW/g; SAR(10 g) = 0.387 mW/g
Maximum value of SAR (measured) = 0.812 mW/g



0 dB = 0.810mW/g

#02 CDMA2000 BC1_RC3 SO55_Right Tilted_Ch600

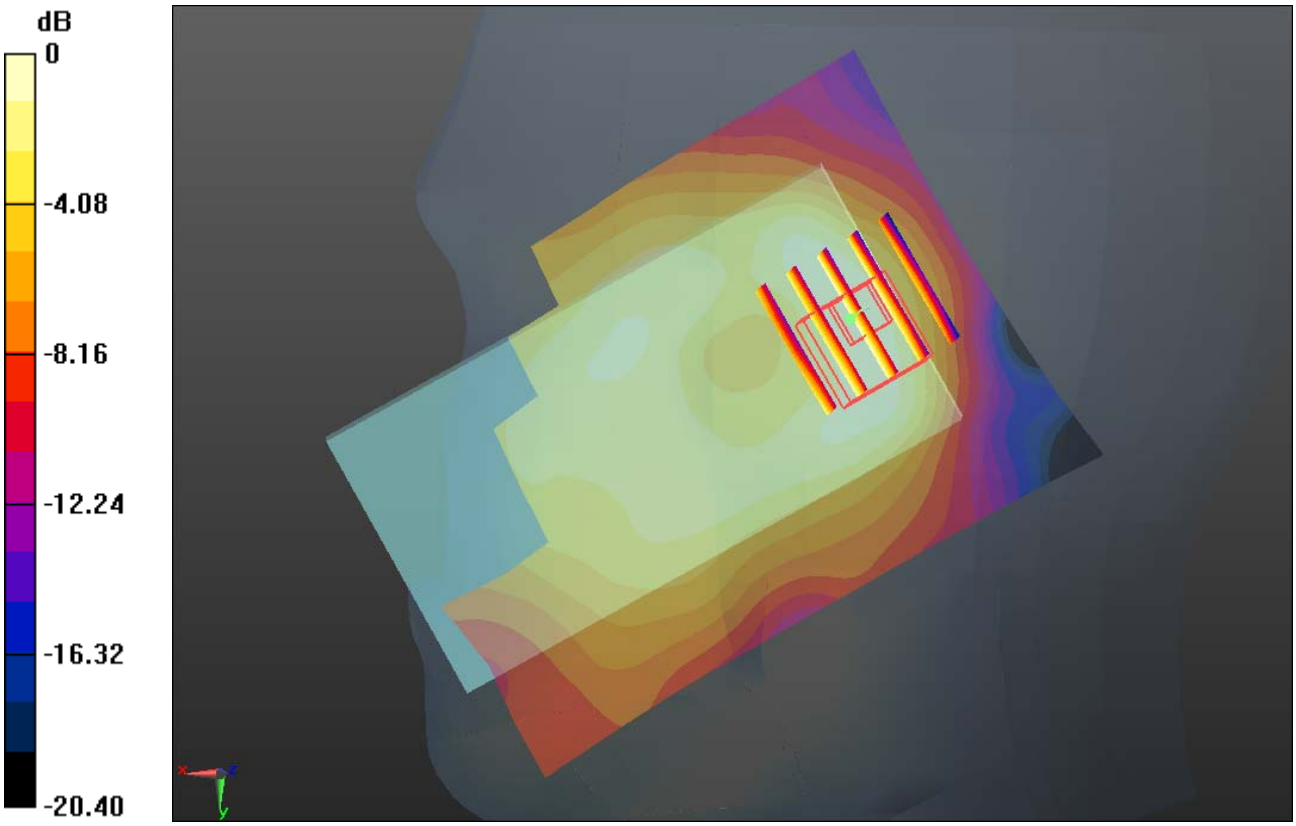
DUT: 331405

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130525 Medium parameters used: f = 1880 MHz; σ = 1.402 mho/m; ε_r = 39.099; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.156 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.722 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.187 W/kg
SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.070 mW/g
Maximum value of SAR (measured) = 0.152 mW/g



0 dB = 0.150mW/g

#03 CDMA2000 BC1_RC3 SO55_Left Check_Ch600

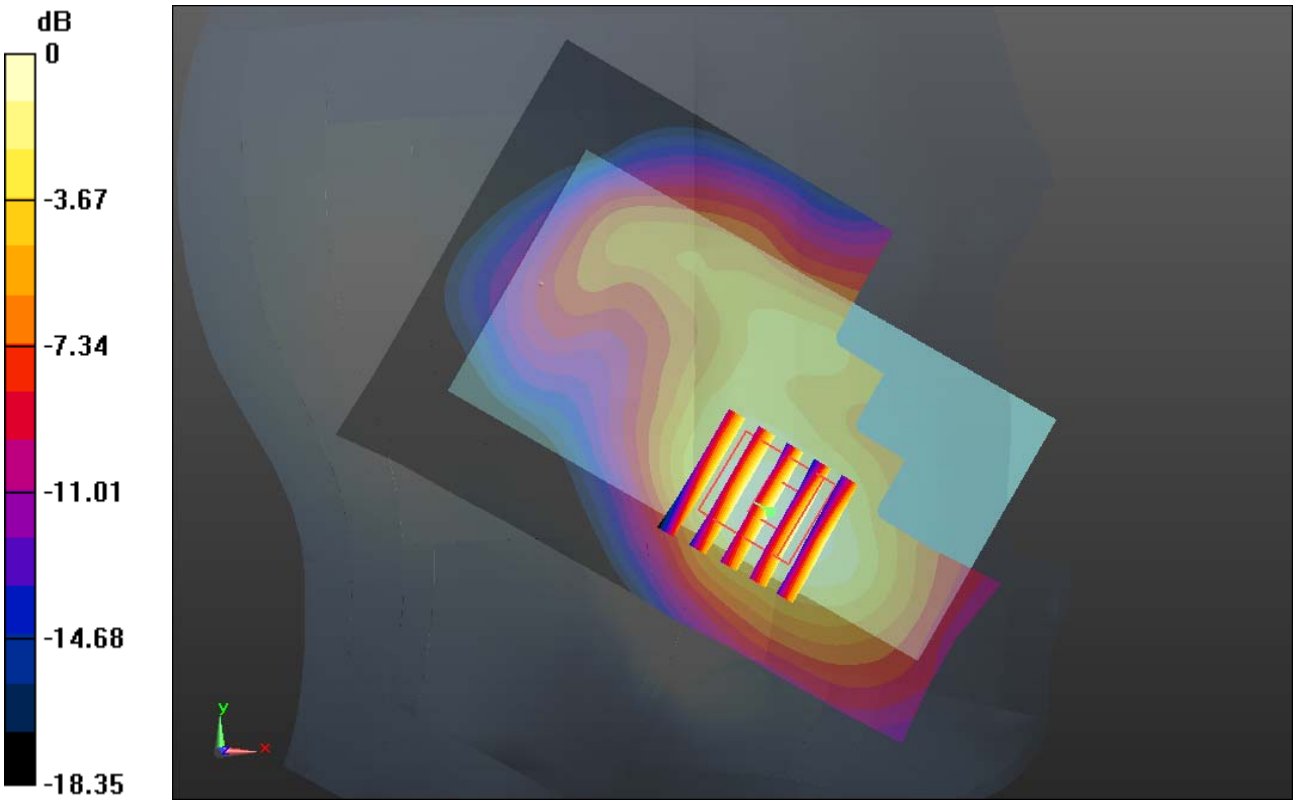
DUT: 331405

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130525 Medium parameters used: f = 1880 MHz; σ = 1.402 mho/m; ε_r = 39.099; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.964 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.524 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.072 W/kg
SAR(1 g) = 0.700 mW/g; SAR(10 g) = 0.424 mW/g
Maximum value of SAR (measured) = 0.892 mW/g



0 dB = 0.890mW/g

#04 CDMA2000 BC1_RC3 SO55_Left Tilted_Ch600

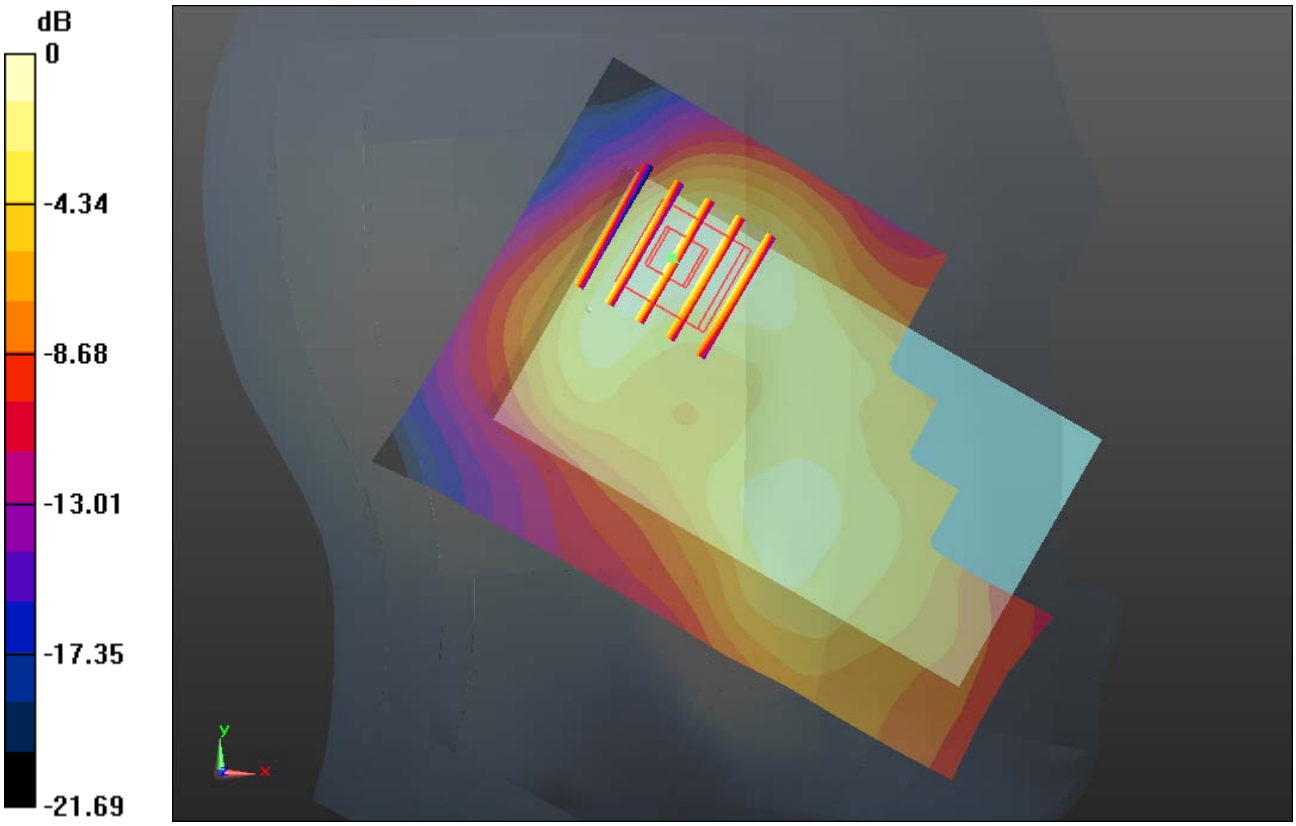
DUT: 331405

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130525 Medium parameters used: f = 1880 MHz; σ = 1.402 mho/m; ε_r = 39.099; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.241 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.353 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.252 W/kg
SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.095 mW/g
Maximum value of SAR (measured) = 0.208 mW/g



0 dB = 0.210mW/g

#05 CDMA2000 BC1_RETAP 4096_Left Check_Ch600

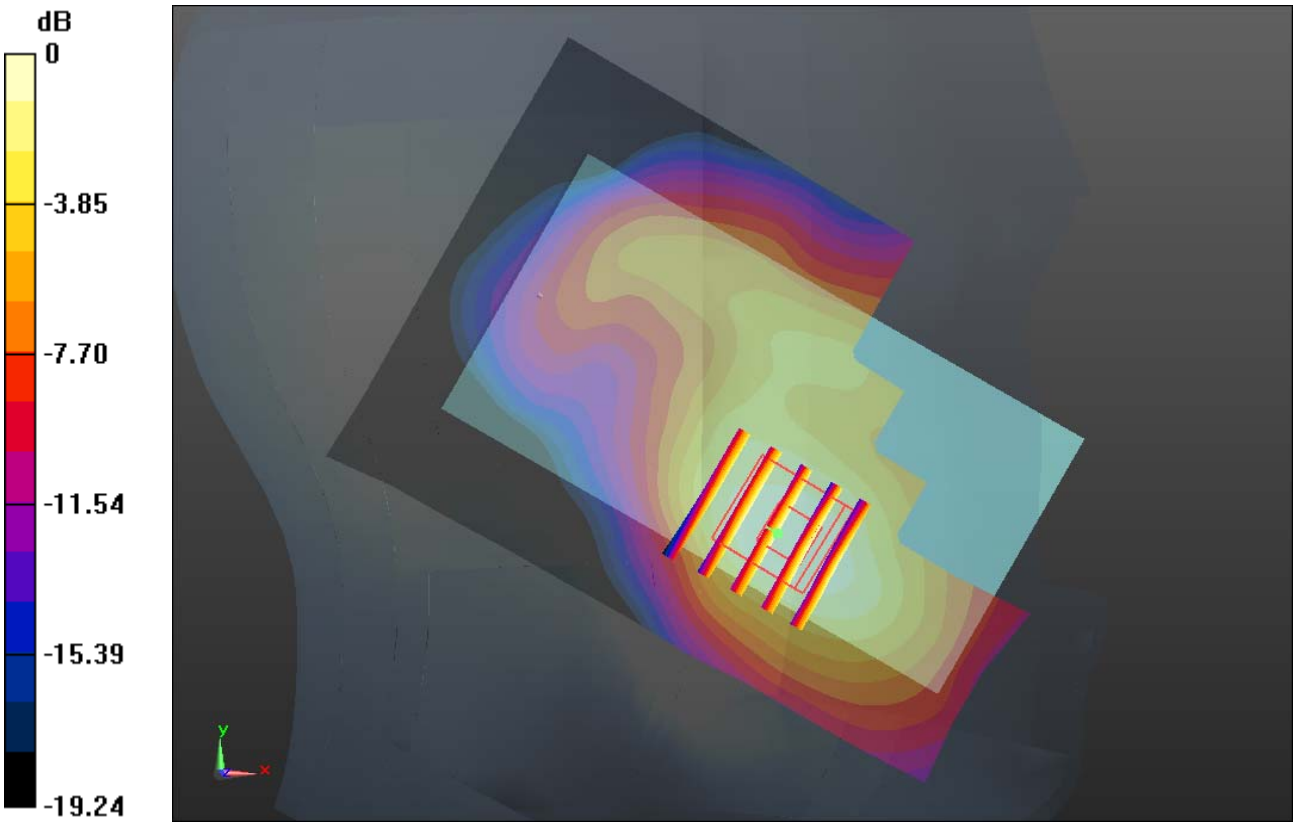
DUT: 331405

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130525 Medium parameters used: f = 1880 MHz; σ = 1.402 mho/m; ε_r = 39.099; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.063 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.210 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.161 W/kg
SAR(1 g) = 0.754 mW/g; SAR(10 g) = 0.456 mW/g
Maximum value of SAR (measured) = 0.964 mW/g



0 dB = 0.960mW/g

#06 CDMA2000 BC10_RC3 SO55_Right Check_Ch476

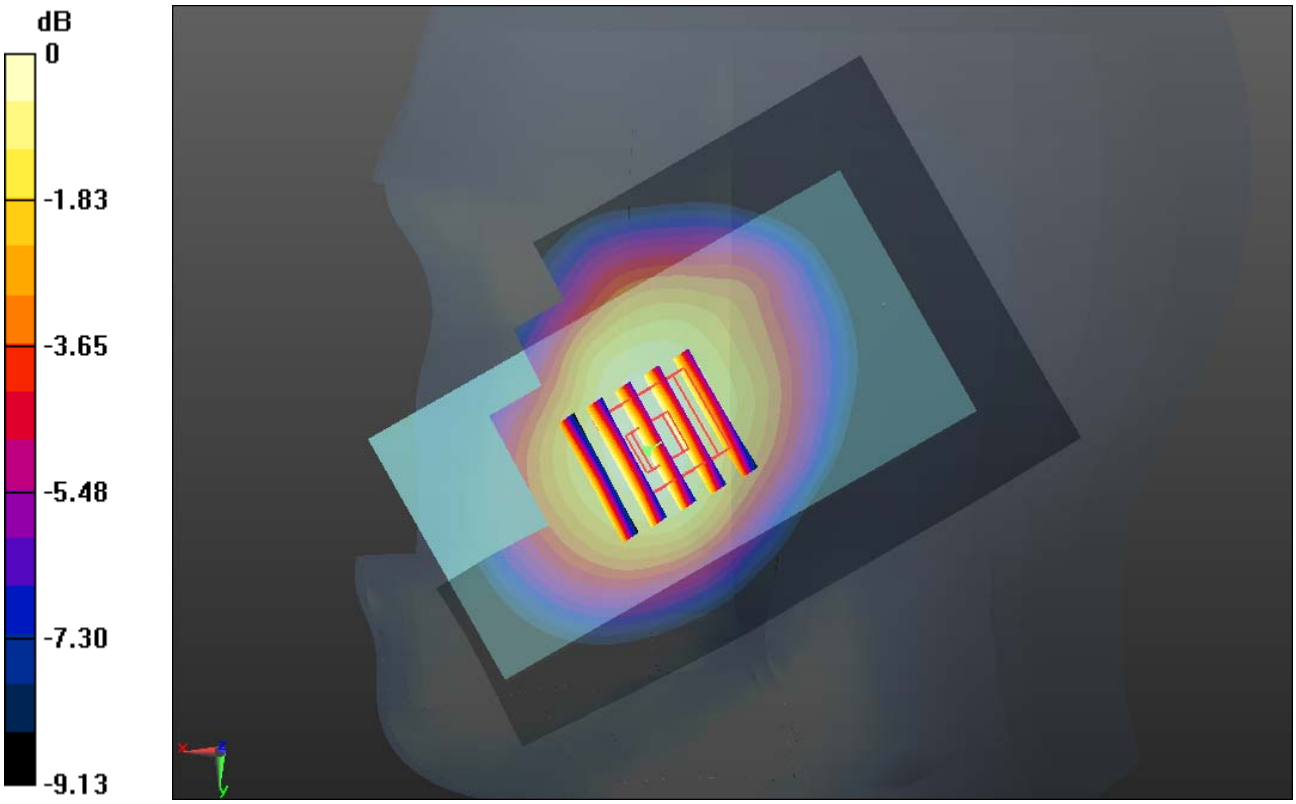
DUT: 331405

Communication System: CDMA2000; Frequency: 817.9 MHz;Duty Cycle: 1:1
Medium: HSL_835_130527 Medium parameters used: f = 817.9 MHz; σ = 0.89 mho/m; ε_r = 42.501; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.384 mW/g

Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.066 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.416 W/kg
SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.257 mW/g
Maximum value of SAR (measured) = 0.379 mW/g



0 dB = 0.380mW/g

#07 CDMA2000 BC10_RC3 SO55_Right Tilted_Ch476

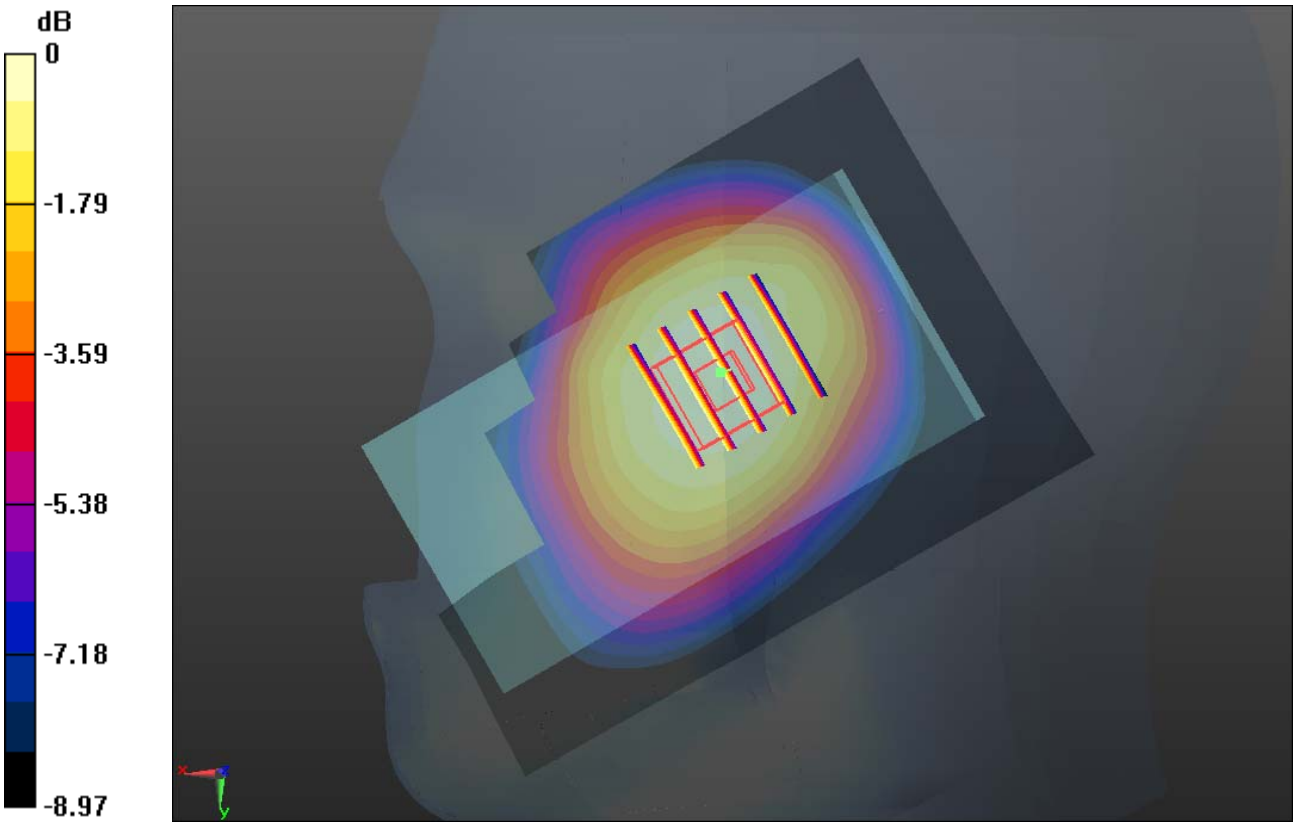
DUT: 331405

Communication System: CDMA2000; Frequency: 817.9 MHz;Duty Cycle: 1:1
Medium: HSL_835_130527 Medium parameters used: f = 817.9 MHz; σ = 0.89 mho/m; ε_r = 42.501; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.297 mW/g

Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.980 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.311 W/kg
SAR(1 g) = 0.256 mW/g; SAR(10 g) = 0.198 mW/g
Maximum value of SAR (measured) = 0.290 mW/g



0 dB = 0.290mW/g

#08 CDMA2000 BC10_RC3 SO55_Left Check_Ch476

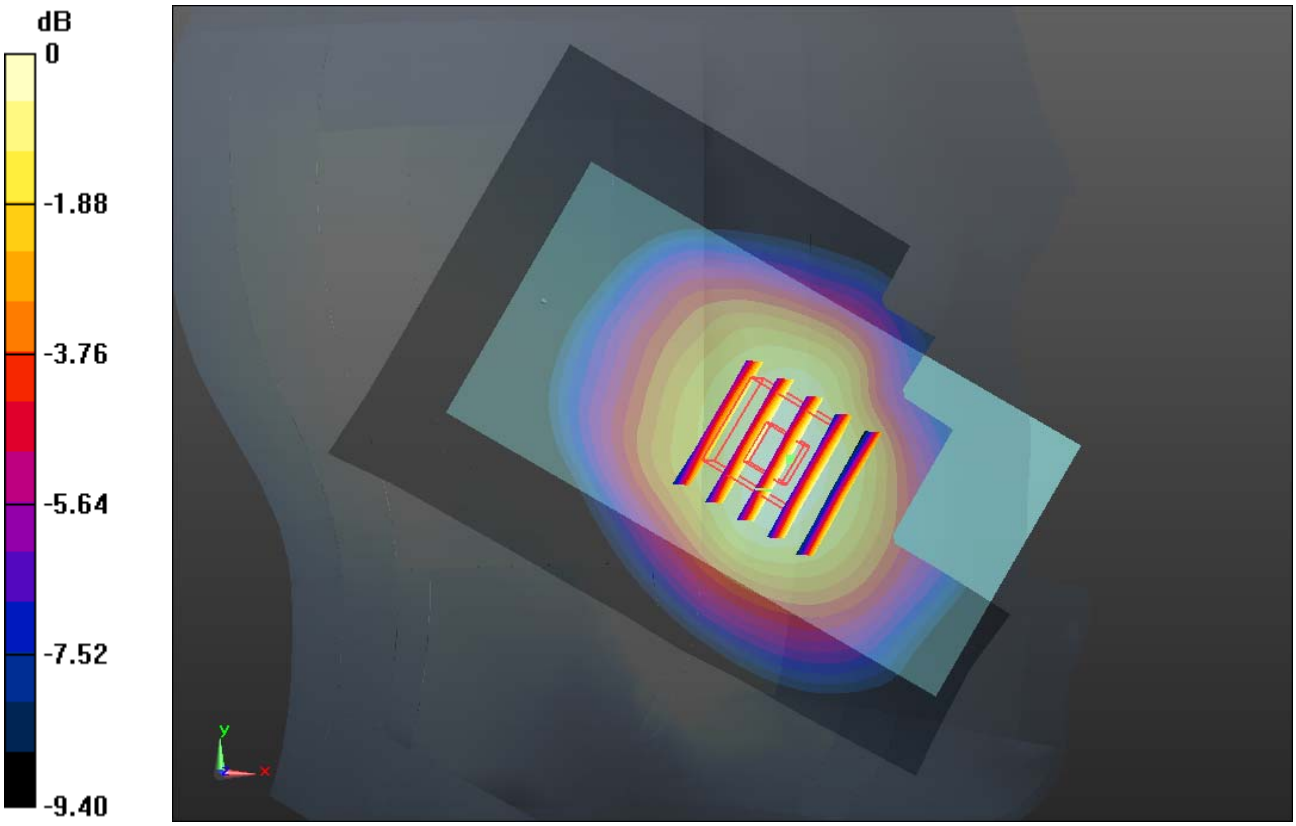
DUT: 331405

Communication System: CDMA2000; Frequency: 817.9 MHz;Duty Cycle: 1:1
Medium: HSL_835_130527 Medium parameters used: f = 817.9 MHz; σ = 0.89 mho/m; ε_r = 42.501; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.429 mW/g

Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.046 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.489 W/kg
SAR(1 g) = 0.385 mW/g; SAR(10 g) = 0.290 mW/g
Maximum value of SAR (measured) = 0.437 mW/g



0 dB = 0.440mW/g

#09 CDMA2000 BC10_RC3 SO55_Left Tilted_Ch476

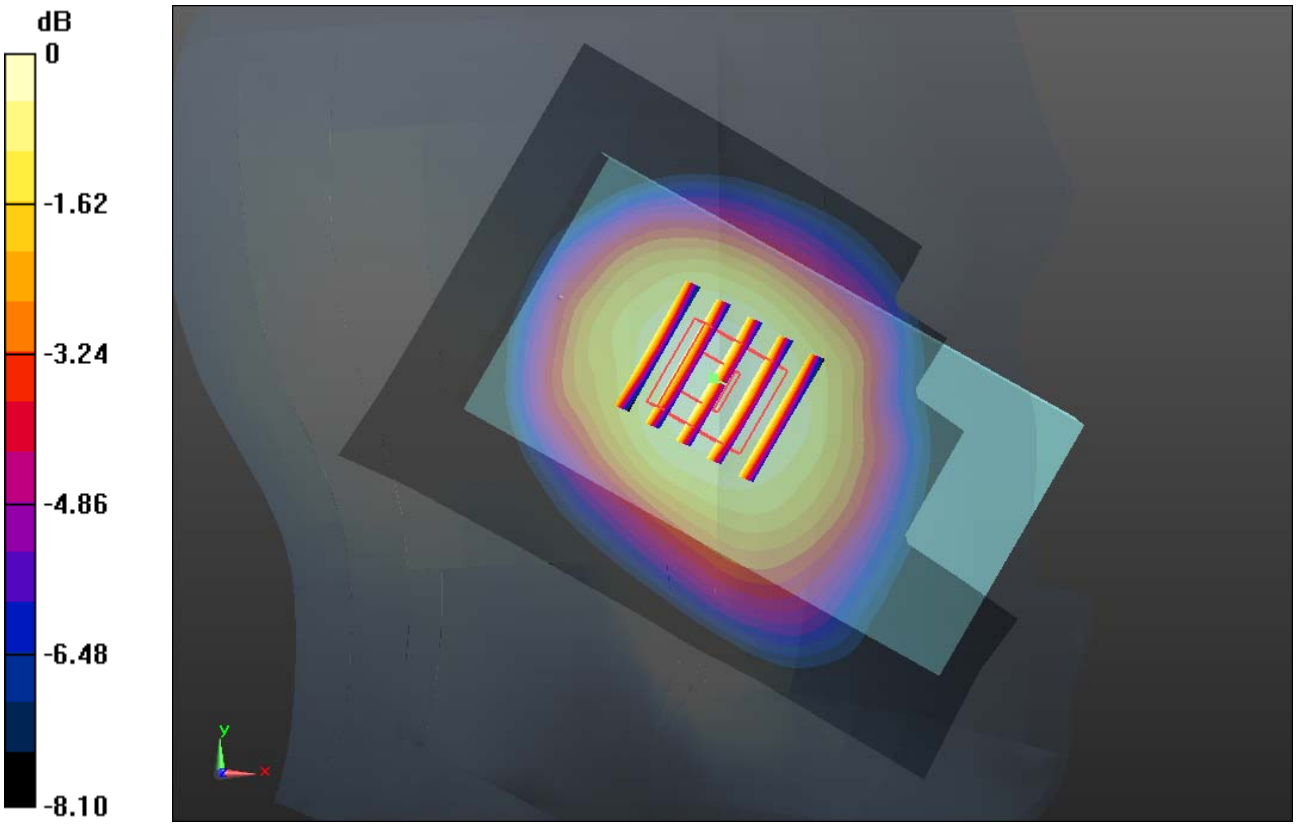
DUT: 331405

Communication System: CDMA2000; Frequency: 817.9 MHz;Duty Cycle: 1:1
Medium: HSL_835_130527 Medium parameters used: f = 817.9 MHz; σ = 0.89 mho/m; ε_r = 42.501; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.301 mW/g

Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.391 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.327 W/kg
SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.208 mW/g
Maximum value of SAR (measured) = 0.305 mW/g



0 dB = 0.300mW/g

#10 CDMA2000 BC10_RETAP 4096_Left Check_Ch476

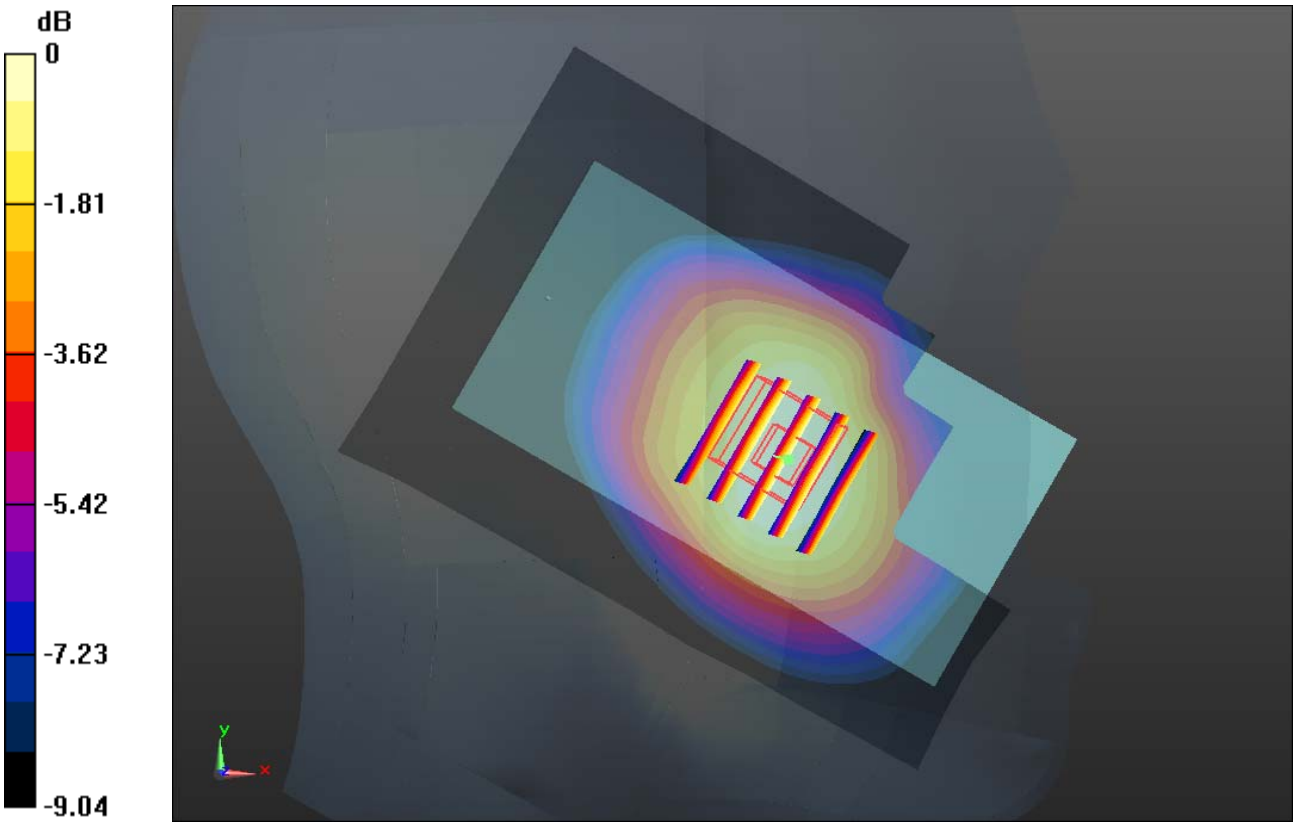
DUT: 331405

Communication System: CDMA2000; Frequency: 817.9 MHz;Duty Cycle: 1:1
Medium: HSL_835_130527 Medium parameters used: f = 817.9 MHz; σ = 0.89 mho/m; ε_r = 42.501; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm.
Maximum value of SAR (interpolated) = 0.471 mW/g

Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.623 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.503 W/kg
SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.306 mW/g
Maximum value of SAR (measured) = 0.459 mW/g



0 dB = 0.460mW/g

#11 802.11b_1M_Right Check_Ch1

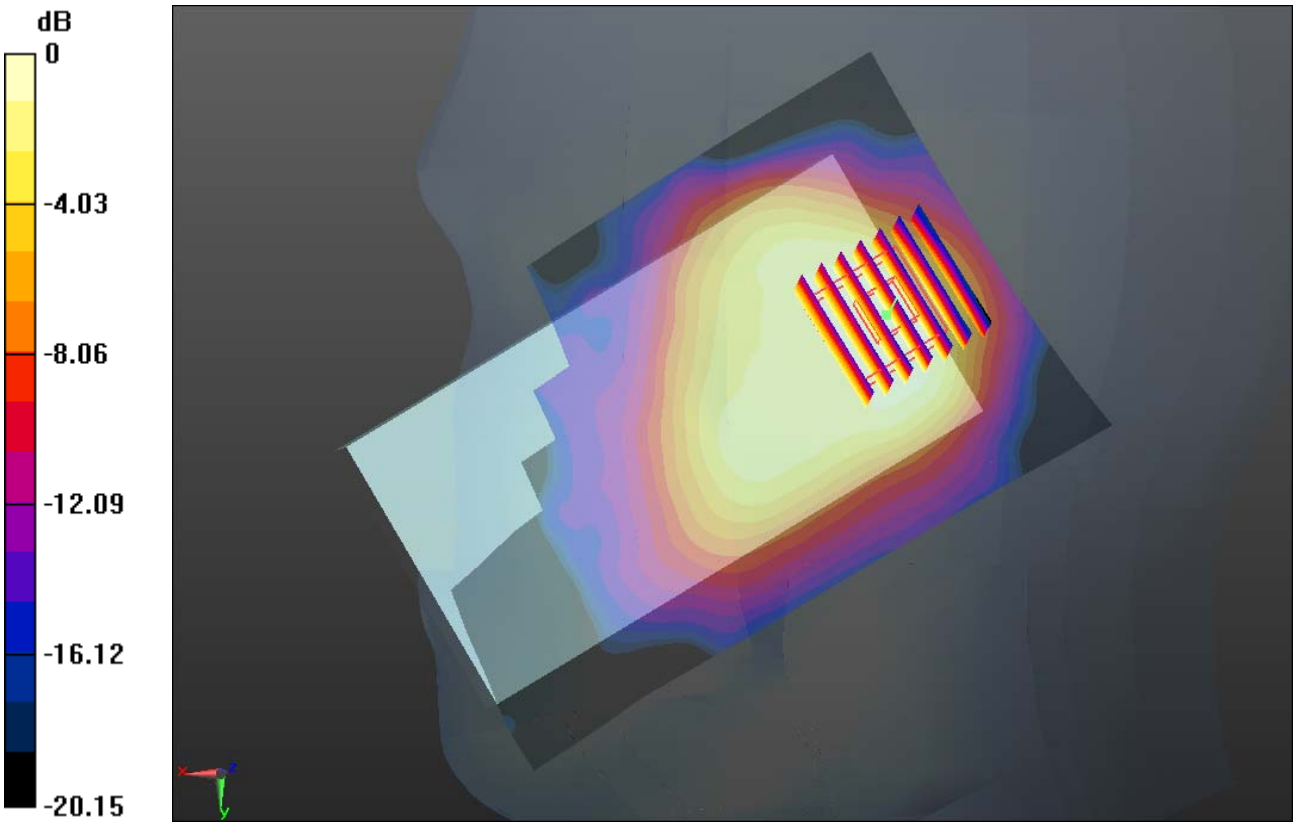
DUT: 331405

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130527 Medium parameters used: f = 2412 MHz; σ = 1.782 mho/m; ε_r = 39.791; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (81x131x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.359 mW/g

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.112 V/m; Power Drift = 0.003 dB
Peak SAR (extrapolated) = 0.435 W/kg
SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.137 mW/g
Maximum value of SAR (measured) = 0.345 mW/g



0 dB = 0.340mW/g

#12 802.11b_1M_Right Tilted_Ch1

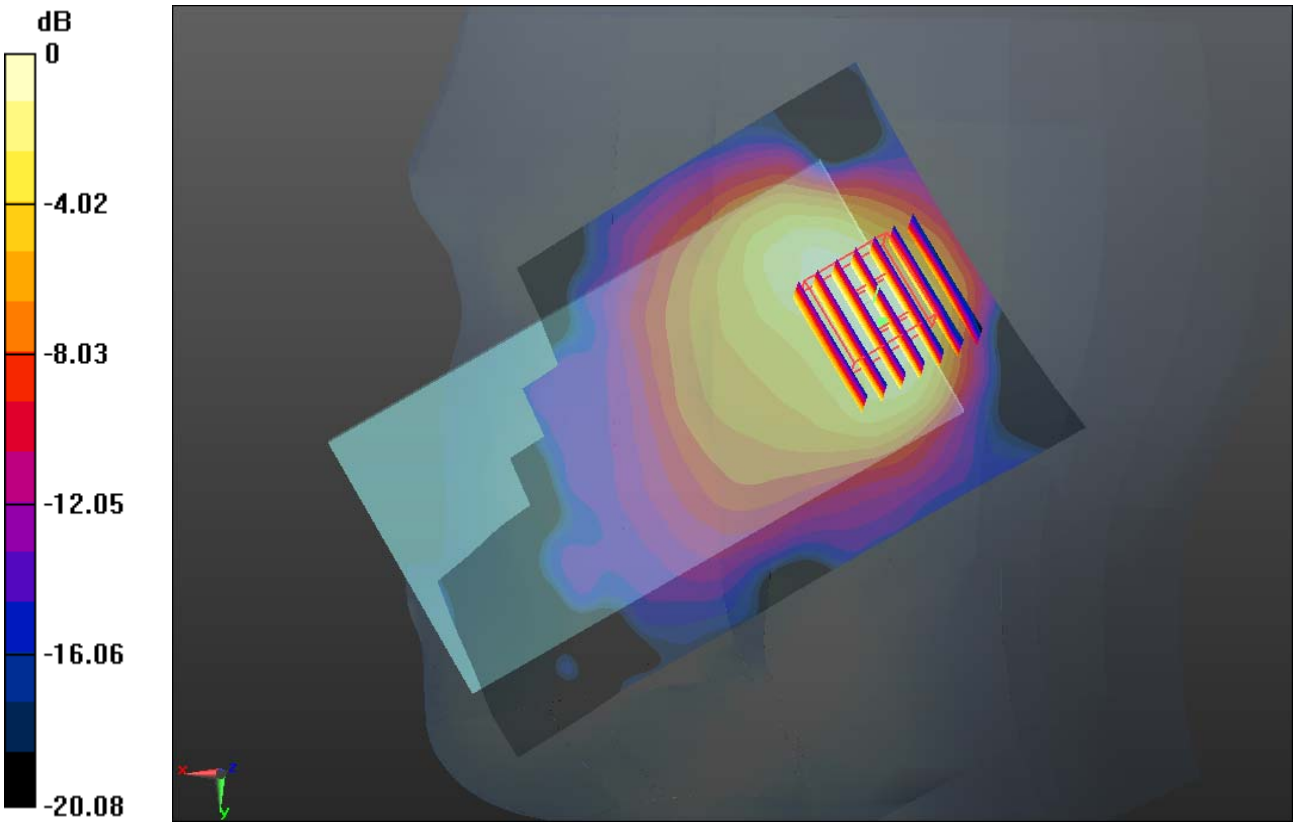
DUT: 331405

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130527 Medium parameters used: f = 2412 MHz; σ = 1.782 mho/m; ε_r = 39.791; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (81x131x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.296 mW/g

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.322 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.380 W/kg
SAR(1 g) = 0.206 mW/g; SAR(10 g) = 0.110 mW/g
Maximum value of SAR (measured) = 0.289 mW/g



0 dB = 0.290mW/g

#13 802.11b_1M_Left Check_Ch1

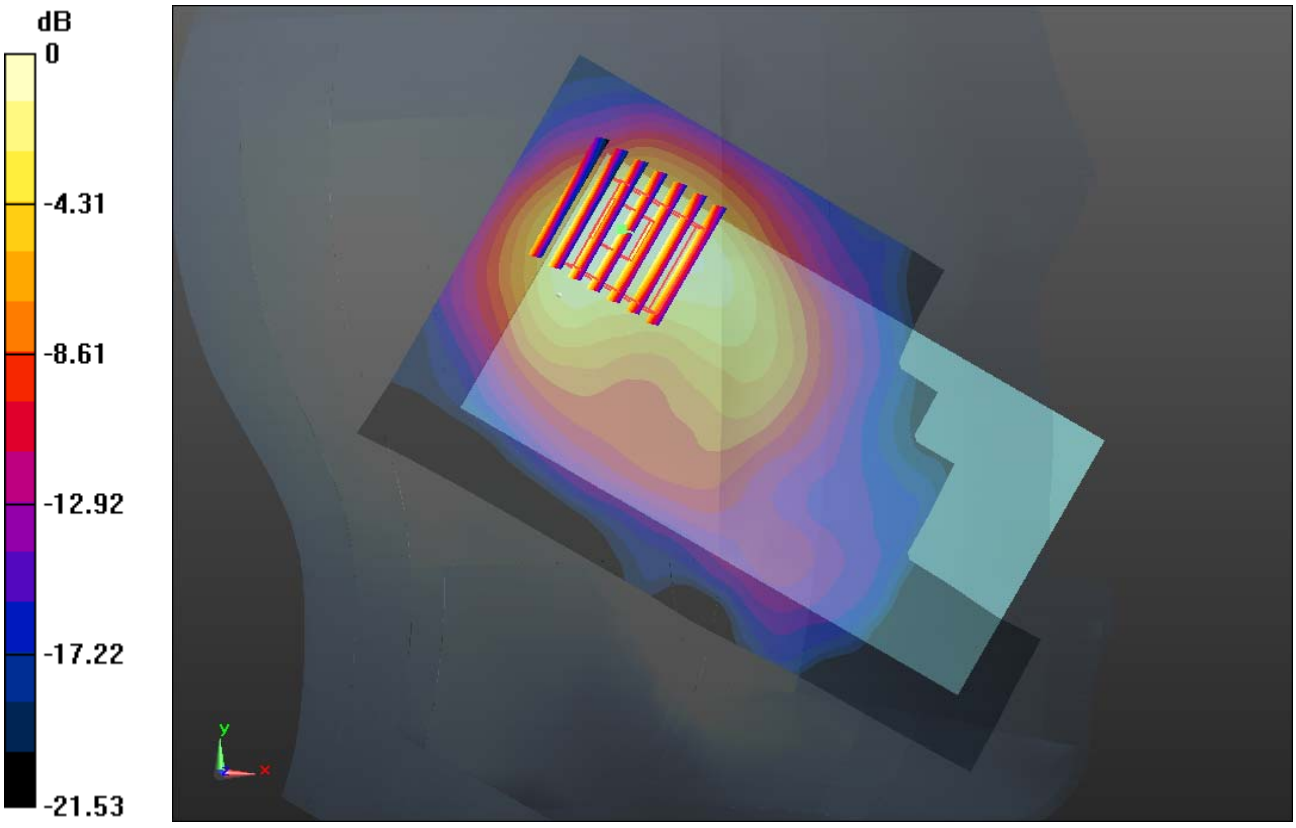
DUT: 331405

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130527 Medium parameters used: f = 2412 MHz; σ = 1.782 mho/m; ε_r = 39.791; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (81x131x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.712 mW/g

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.624 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.863 W/kg
SAR(1 g) = 0.431 mW/g; SAR(10 g) = 0.229 mW/g
Maximum value of SAR (measured) = 0.627 mW/g



0 dB = 0.630mW/g

#14 802.11b_1M_Left Tilted_Ch1

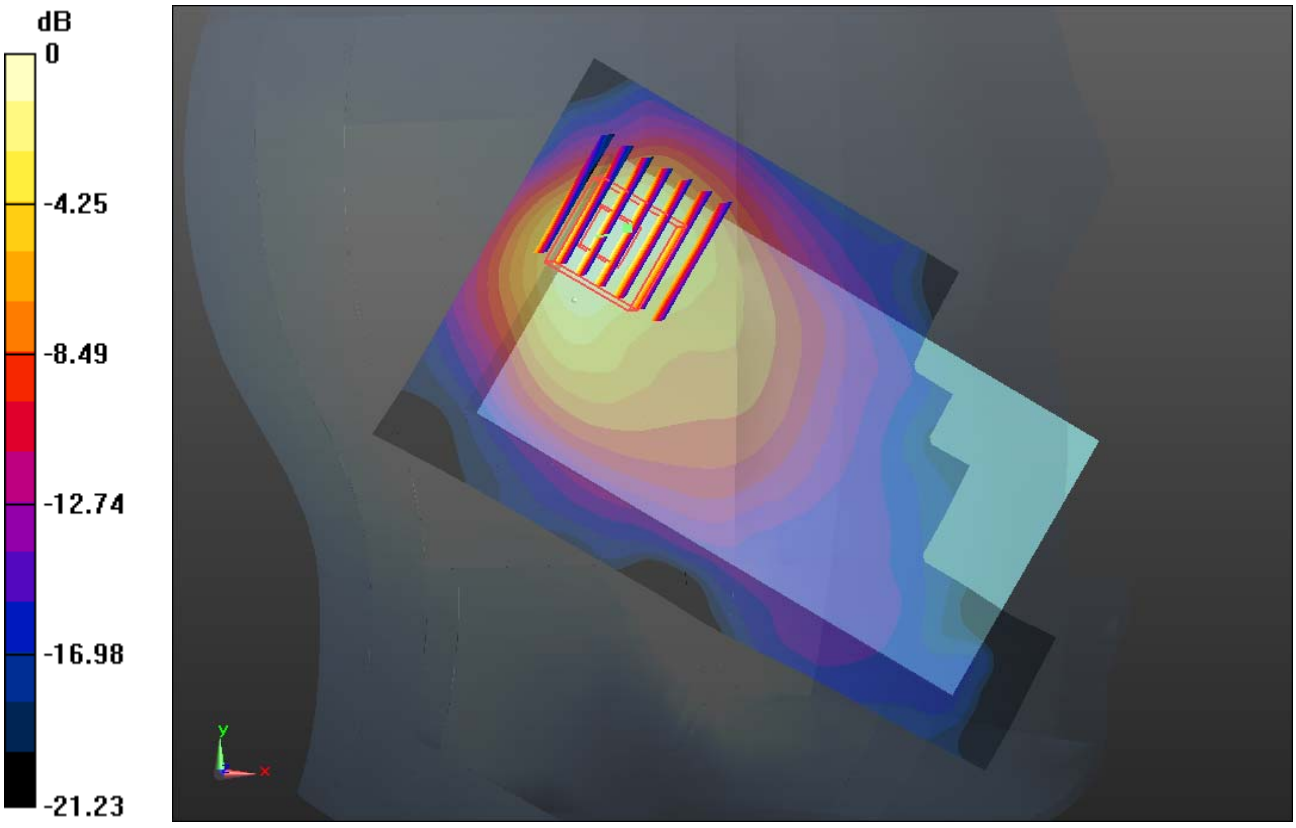
DUT: 331405

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130527 Medium parameters used: f = 2412 MHz; σ = 1.782 mho/m; ε_r = 39.791; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (81x131x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.457 mW/g

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.237 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.651 W/kg
SAR(1 g) = 0.311 mW/g; SAR(10 g) = 0.152 mW/g
Maximum value of SAR (measured) = 0.468 mW/g



0 dB = 0.470mW/g

#15 CDMA2000 BC1_RTAP 153.6_Front 1cm_Ch600

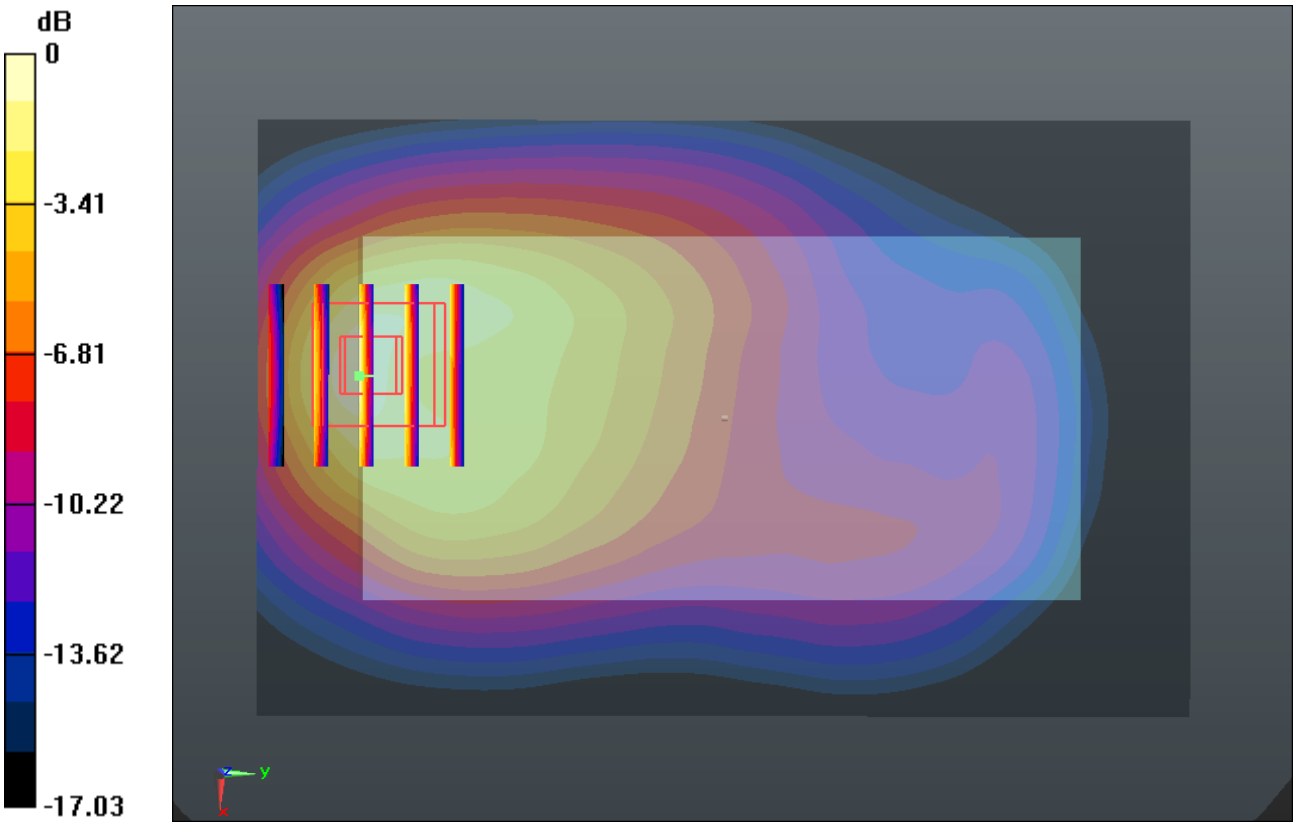
DUT: 331405

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130526 Medium parameters used: f = 1880 MHz; σ = 1.526 mho/m; ε_r = 53.262; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.809 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.637 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 2.266 W/kg
SAR(1 g) = 1.360 mW/g; SAR(10 g) = 0.756 mW/g
Maximum value of SAR (measured) = 1.866 mW/g



0 dB = 1.870mW/g

#16 CDMA2000 BC1_RTAP 153.6_Front 1cm_Ch600_Repeat SAR

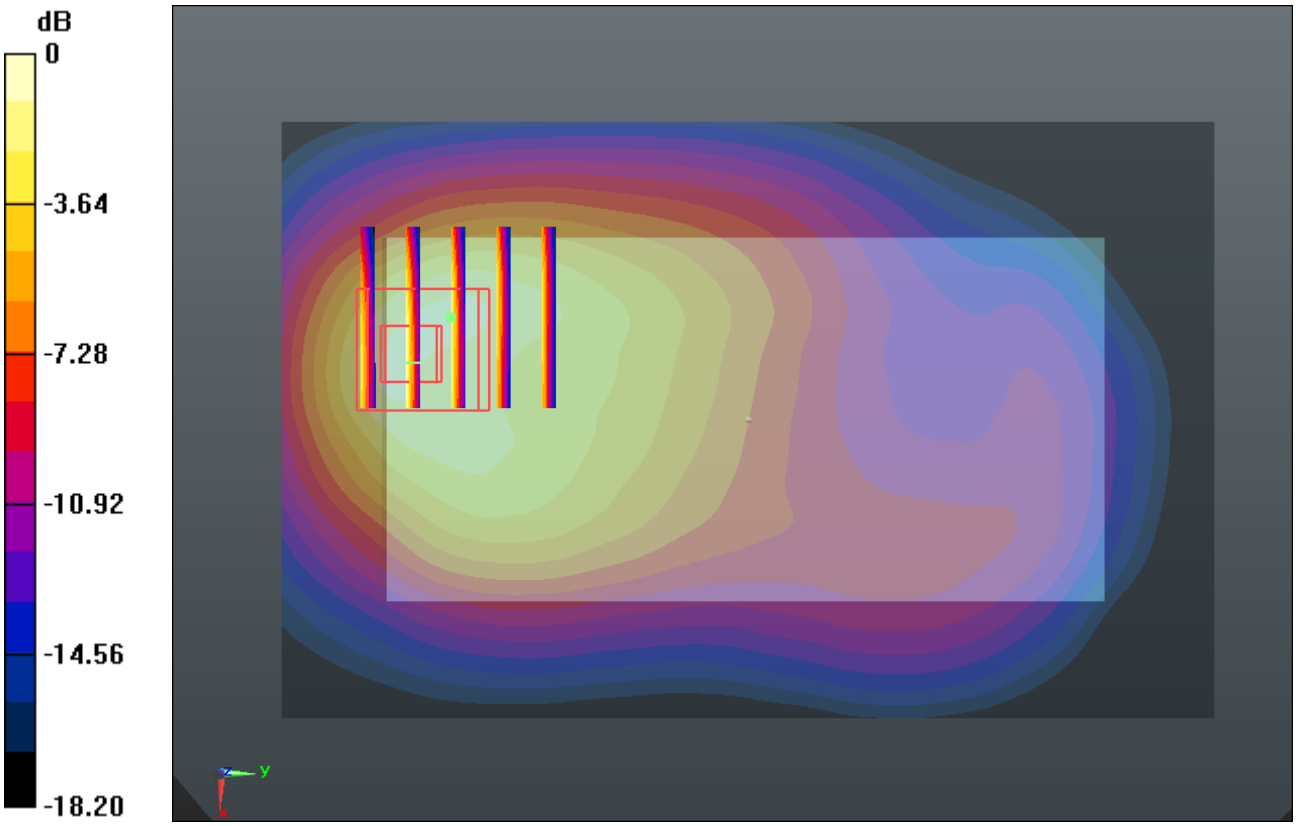
DUT: 331405

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130526 Medium parameters used: f = 1880 MHz; σ = 1.526 mho/m; ε_r = 53.262; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.581 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.352 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 2.280 W/kg
SAR(1 g) = 1.350 mW/g; SAR(10 g) = 0.741 mW/g
Maximum value of SAR (measured) = 1.877 mW/g



0 dB = 1.880mW/g

#17 CDMA2000 BC1_RTAP 153.6_Back 1cm_Ch600

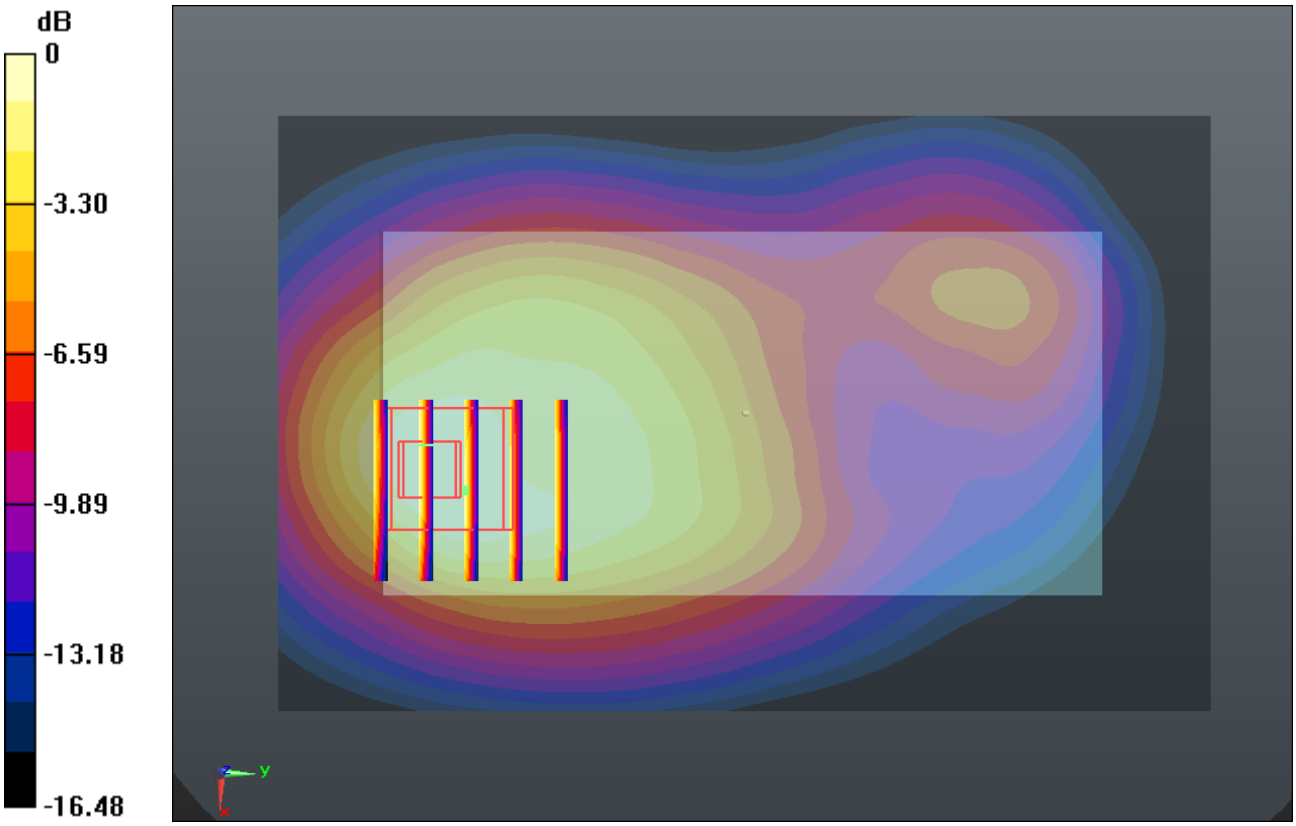
DUT: 331405

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130526 Medium parameters used: f = 1880 MHz; σ = 1.526 mho/m; ε_r = 53.262; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.521 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.308 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.900 W/kg
SAR(1 g) = 1.190 mW/g; SAR(10 g) = 0.696 mW/g
Maximum value of SAR (measured) = 1.525 mW/g



0 dB = 1.530mW/g

#18 CDMA2000 BC1_RTAP 153.6_Left Side 1cm_Ch600

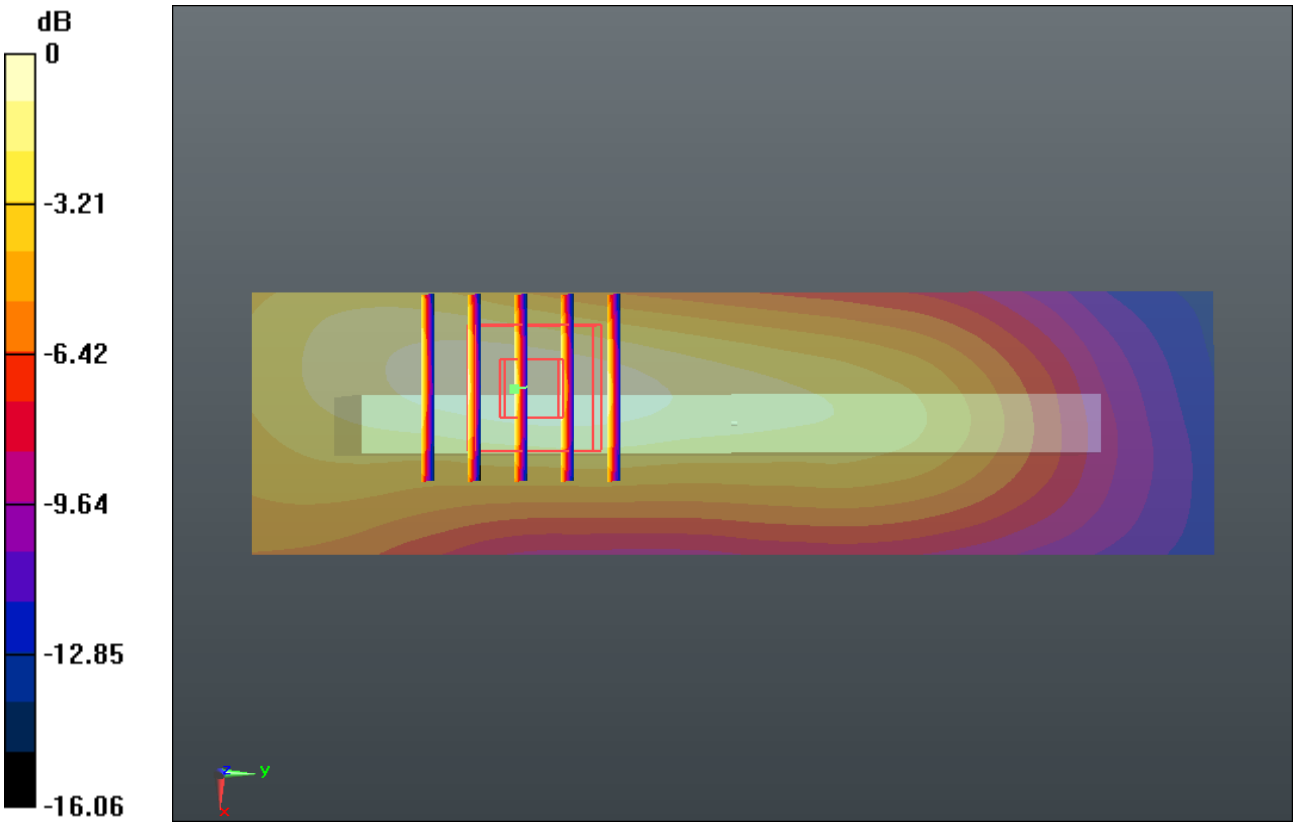
DUT: 331405

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130526 Medium parameters used: f = 1880 MHz; σ = 1.526 mho/m; ε_r = 53.262; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.359 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.514 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.450 W/kg
SAR(1 g) = 0.279 mW/g; SAR(10 g) = 0.163 mW/g
Maximum value of SAR (measured) = 0.373 mW/g



0 dB = 0.370mW/g

#19 CDMA2000 BC1_RTAP 153.6_Right Side 1cm_Ch600

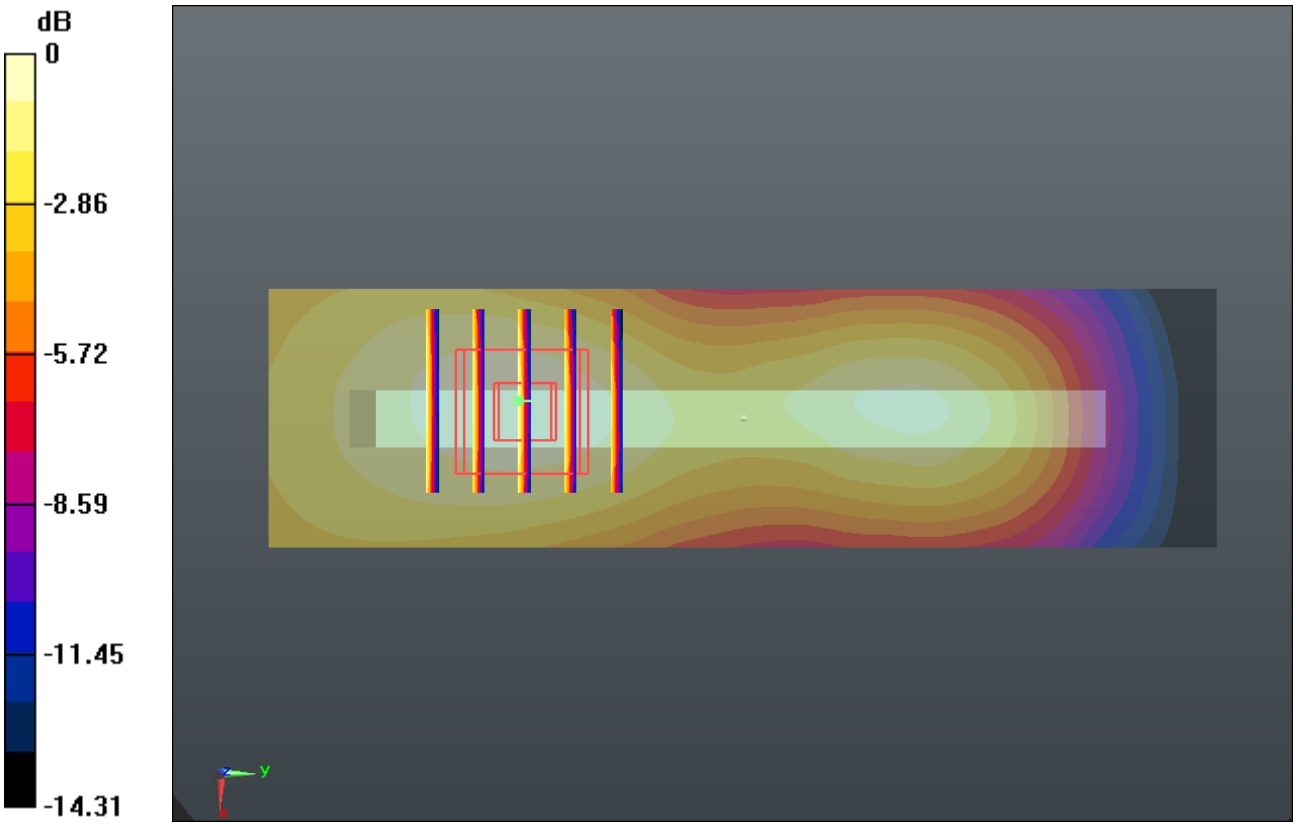
DUT: 331405

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130526 Medium parameters used: f = 1880 MHz; σ = 1.526 mho/m; ε_r = 53.262; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.252 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.471 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.314 W/kg
SAR(1 g) = 0.201 mW/g; SAR(10 g) = 0.125 mW/g
Maximum value of SAR (measured) = 0.263 mW/g



0 dB = 0.260mW/g

#20 CDMA2000 BC1_RTAP 153.6_Bottom Side 1cm_Ch600

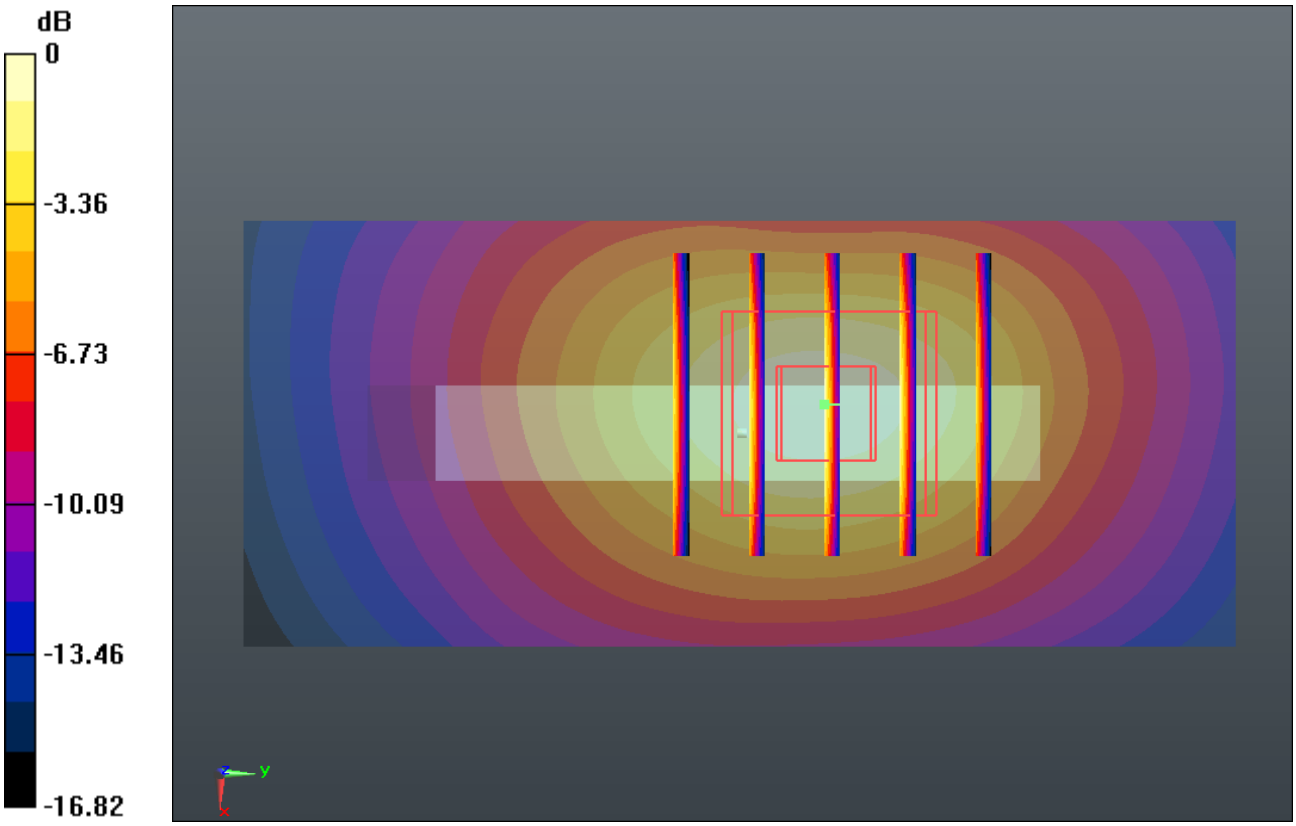
DUT: 331405

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130526 Medium parameters used: f = 1880 MHz; σ = 1.526 mho/m; ε_r = 53.262; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.612 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.931 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.098 W/kg
SAR(1 g) = 1.270 mW/g; SAR(10 g) = 0.689 mW/g
Maximum value of SAR (measured) = 1.737 mW/g



0 dB = 1.740mW/g

#21 CDMA2000 BC1_RTAP 153.6_Front 1cm_Ch25

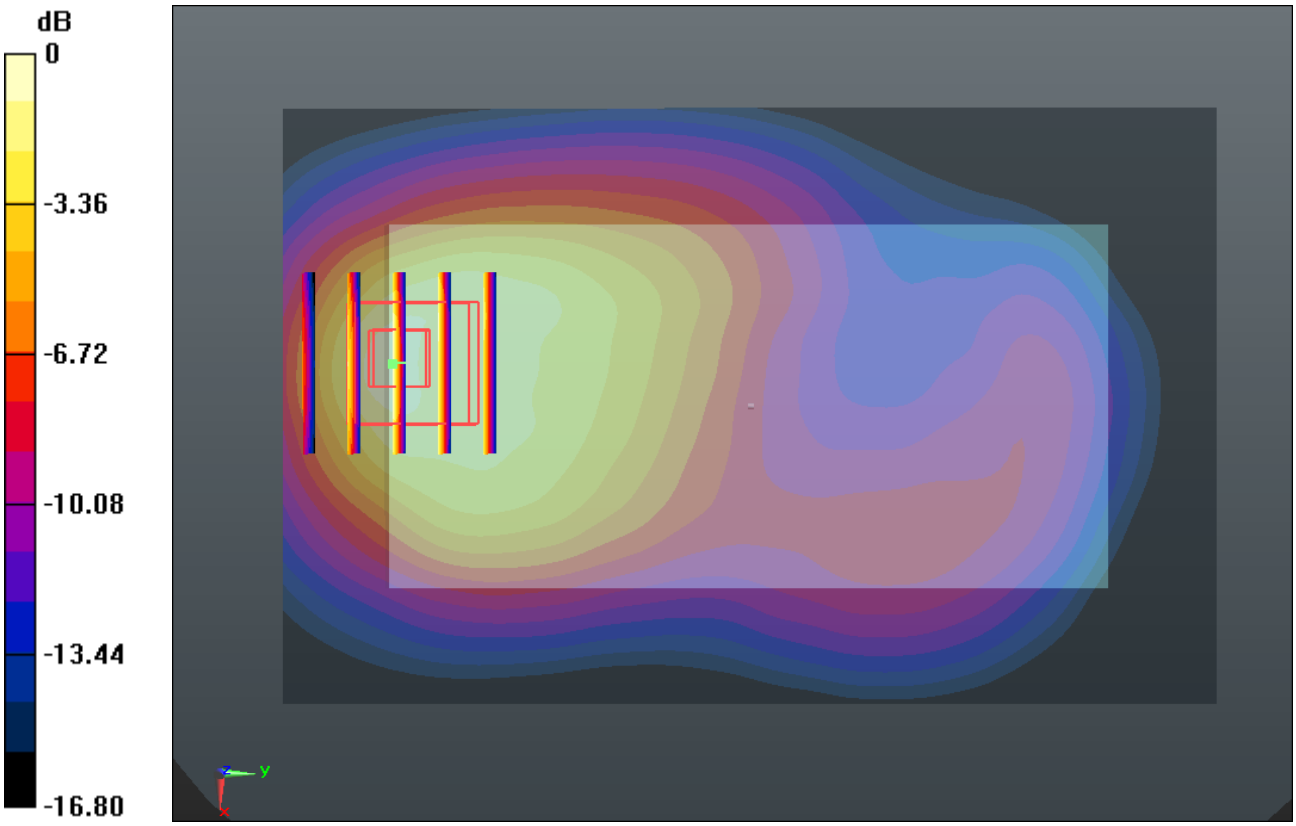
DUT: 331405

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130526 Medium parameters used: f = 1851.25 MHz; σ = 1.492 mho/m; ε_r = 53.321; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.612 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.129 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.048 W/kg
SAR(1 g) = 1.240 mW/g; SAR(10 g) = 0.702 mW/g
Maximum value of SAR (measured) = 1.712 mW/g



0 dB = 1.710mW/g

#22 CDMA2000 BC1_RTAP 153.6_Front 1cm_Ch1175

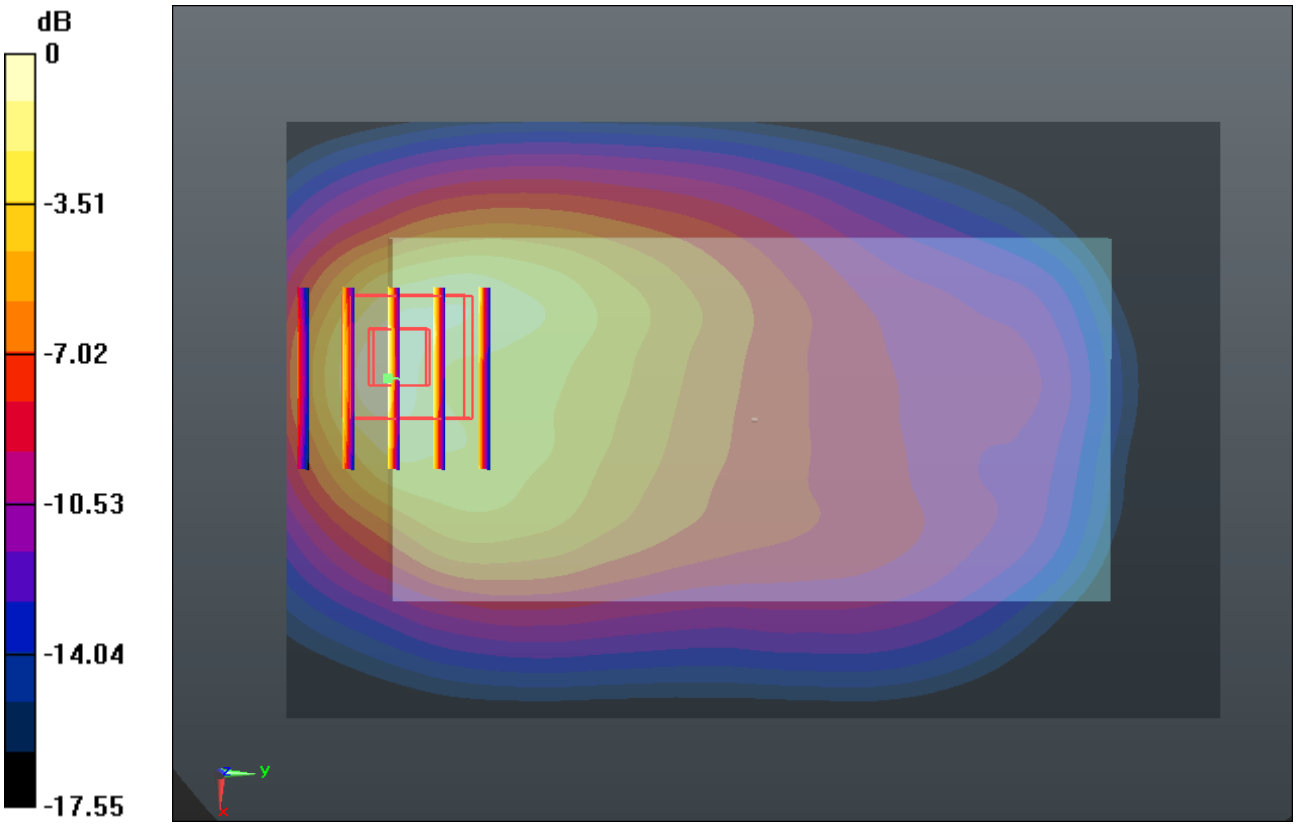
DUT: 331405

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130526 Medium parameters used: f = 1909 MHz; σ = 1.56 mho/m; ε_r = 53.179; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.806 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.608 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.212 W/kg
SAR(1 g) = 1.330 mW/g; SAR(10 g) = 0.741 mW/g
Maximum value of SAR (measured) = 1.813 mW/g



0 dB = 1.810mW/g

#23 CDMA2000 BC1_RTAP 153.6_Back 1cm_Ch25

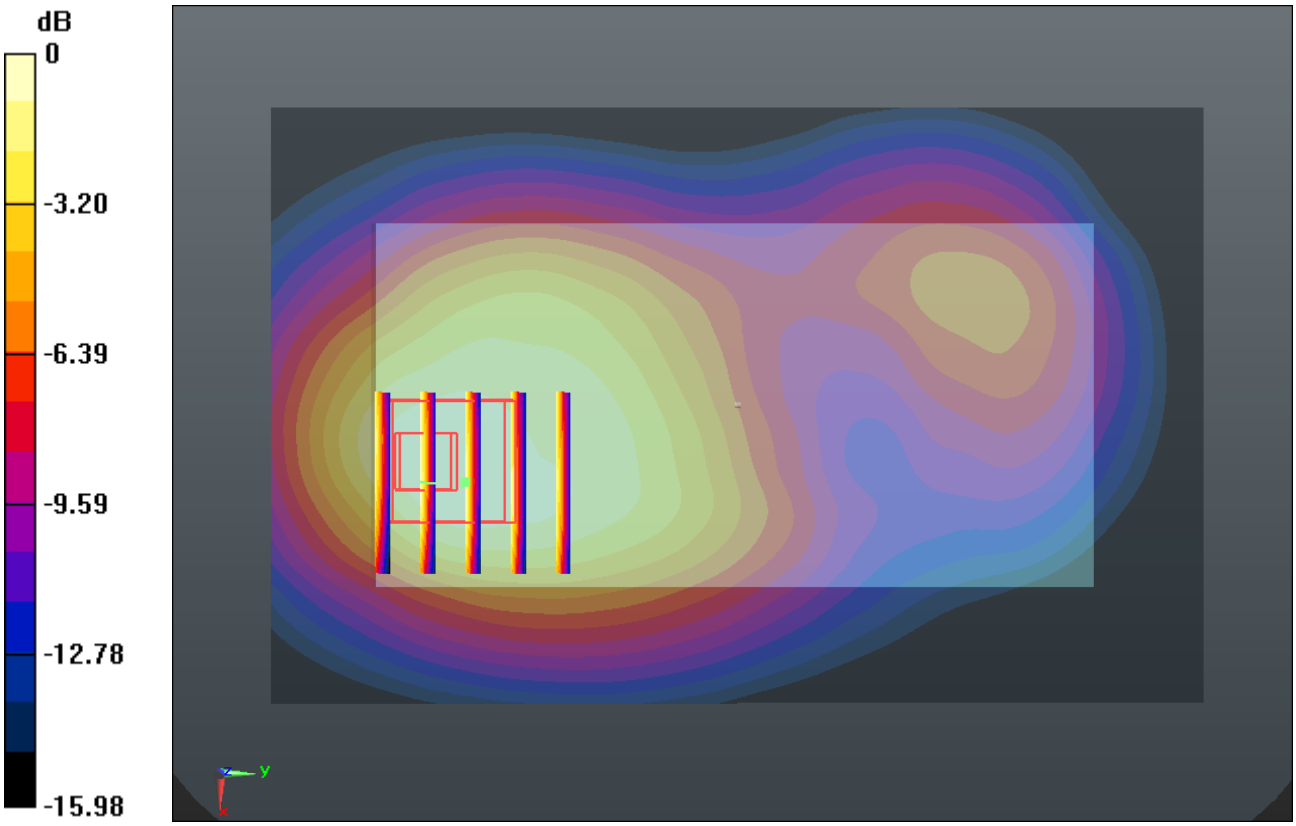
DUT: 331405

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130526 Medium parameters used: f = 1851.25 MHz; σ = 1.492 mho/m; ε_r = 53.321; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.390 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.243 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.781 W/kg
SAR(1 g) = 1.120 mW/g; SAR(10 g) = 0.677 mW/g
Maximum value of SAR (measured) = 1.447 mW/g



0 dB = 1.450mW/g

#24 CDMA2000 BC1_RTAP 153.6_Back 1cm_Ch1175

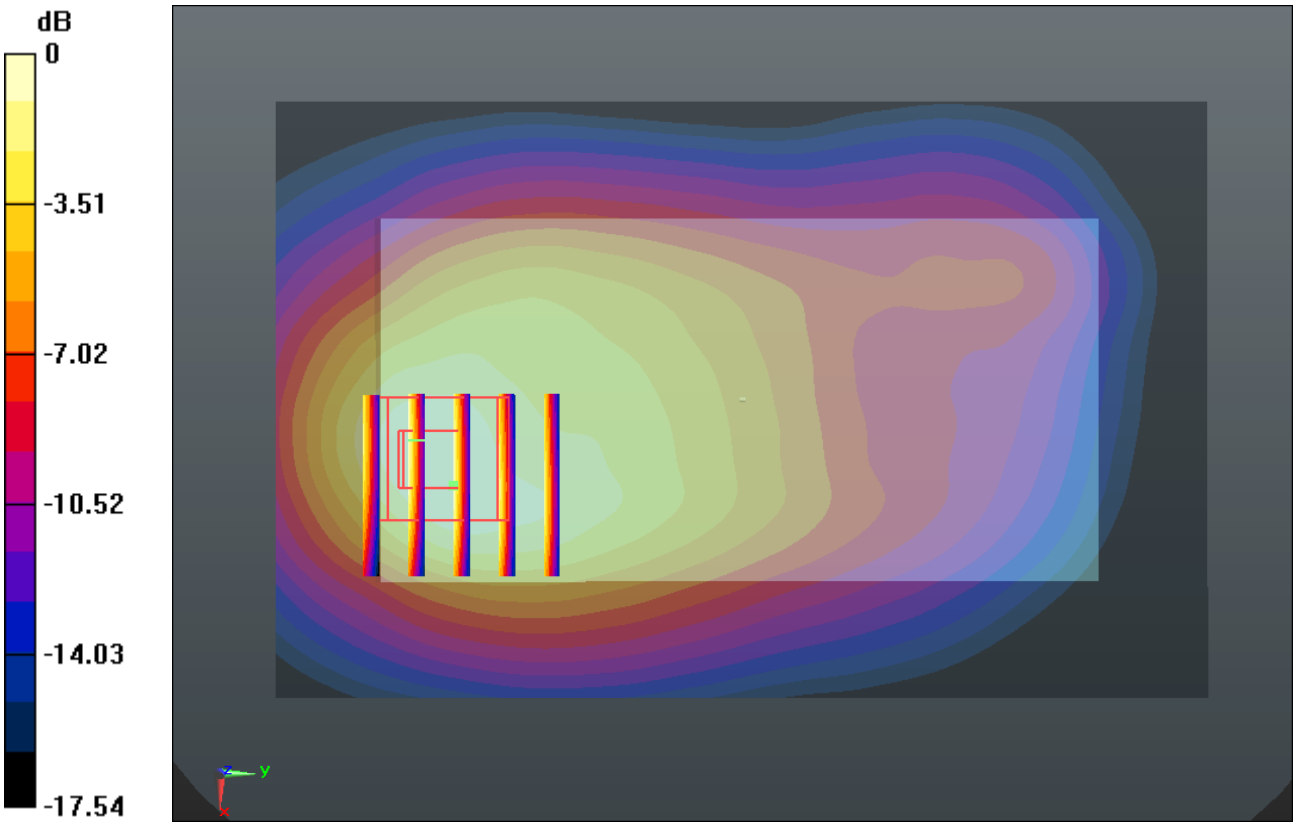
DUT: 331405

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130526 Medium parameters used: f = 1909 MHz; σ = 1.56 mho/m; ε_r = 53.179; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.594 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.755 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.991 W/kg
SAR(1 g) = 1.230 mW/g; SAR(10 g) = 0.706 mW/g
Maximum value of SAR (measured) = 1.594 mW/g



0 dB = 1.590mW/g

#25 CDMA2000 BC1_RTAP 153.6_Bottom Side 1cm_Ch25

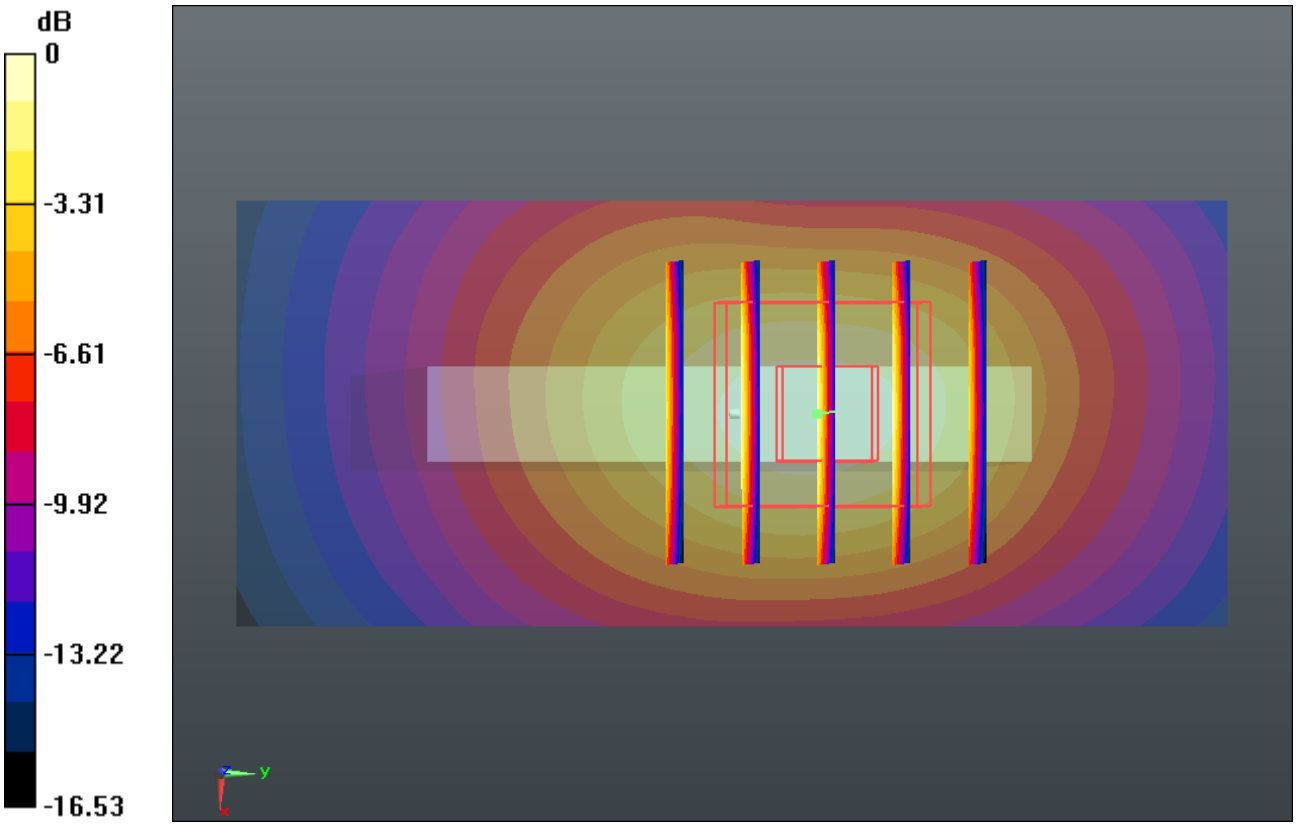
DUT: 331405

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130526 Medium parameters used: f = 1851.25 MHz; σ = 1.492 mho/m; ε_r = 53.321; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.372 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.642 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.760 W/kg
SAR(1 g) = 1.090 mW/g; SAR(10 g) = 0.607 mW/g
Maximum value of SAR (measured) = 1.460 mW/g



0 dB = 1.460mW/g

#26 CDMA2000 BC1_RTAP 153.6_Bottom Side 1cm_Ch1175

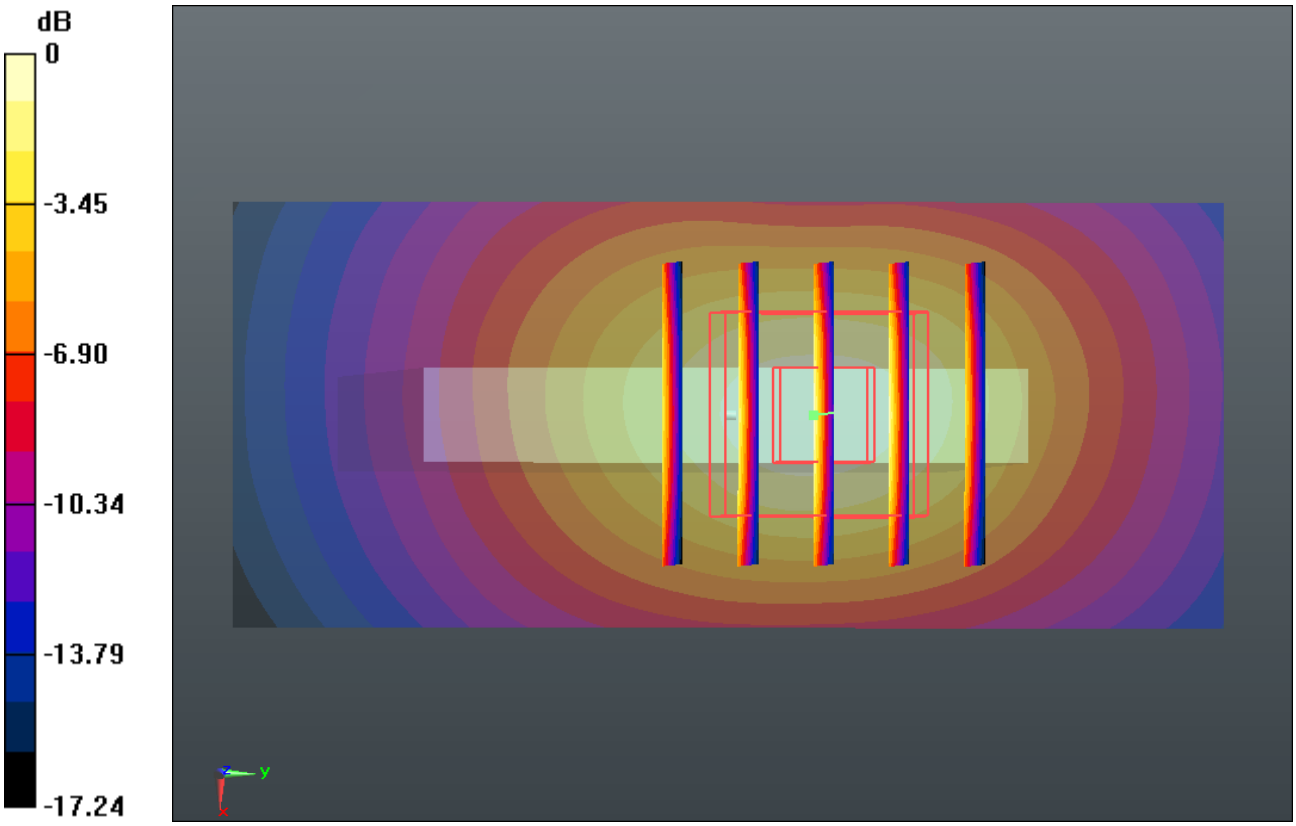
DUT: 331405

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130526 Medium parameters used: f = 1909 MHz; σ = 1.56 mho/m; ε_r = 53.179; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1175/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.746 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.536 V/m; Power Drift = -0.0032 dB
Peak SAR (extrapolated) = 2.225 W/kg
SAR(1 g) = 1.340 mW/g; SAR(10 g) = 0.725 mW/g
Maximum value of SAR (measured) = 1.844 mW/g



0 dB = 1.840mW/g

#27 CDMA2000 BC1_RC3 SO32_Front 1cm_Ch600

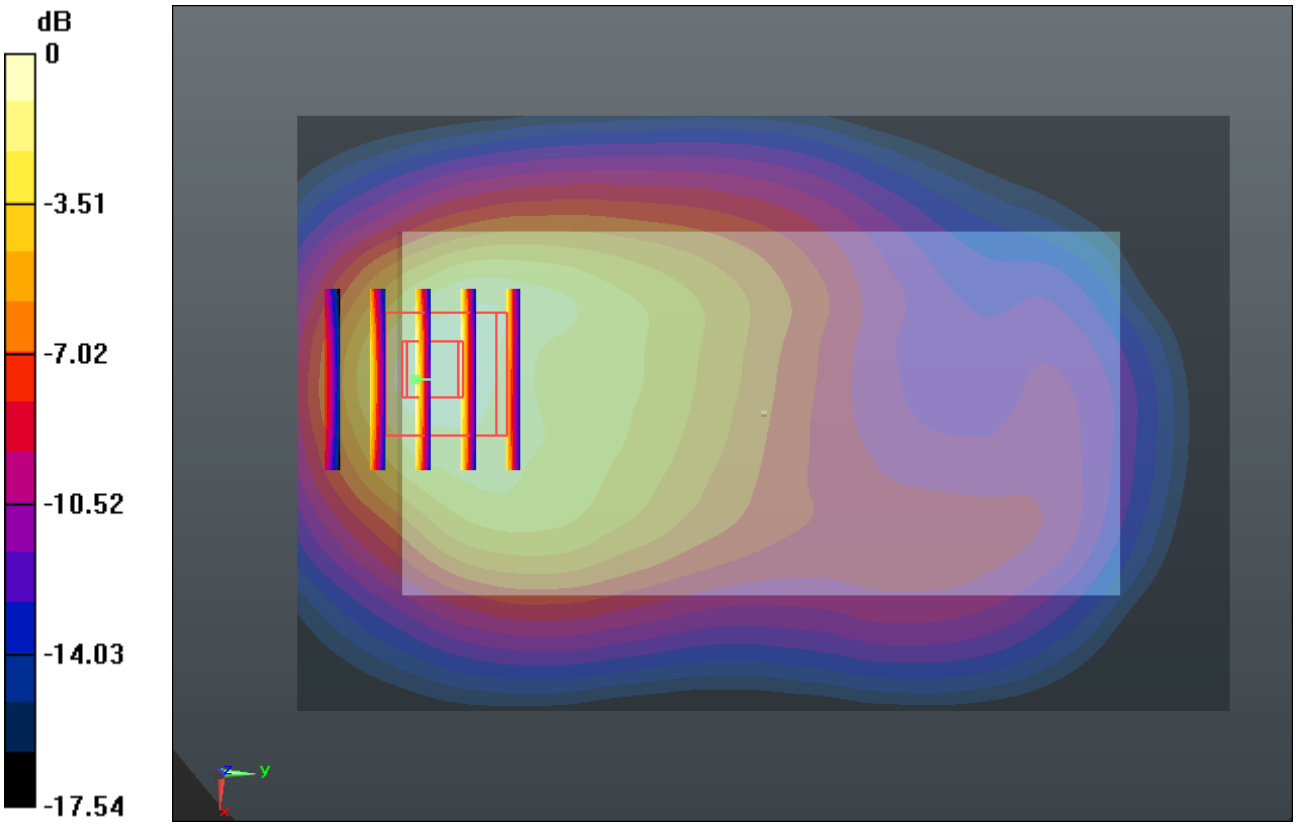
DUT: 331405

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130526 Medium parameters used: f = 1880 MHz; σ = 1.526 mho/m; ε_r = 53.262; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.512 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.541 V/m; Power Drift = 0.0045 dB
Peak SAR (extrapolated) = 2.133 W/kg
SAR(1 g) = 1.300 mW/g; SAR(10 g) = 0.720 mW/g
Maximum value of SAR (measured) = 1.729 mW/g



0 dB = 1.730mW/g

#28 CDMA2000 BC1_RC3 SO32_Back 1cm_Ch600

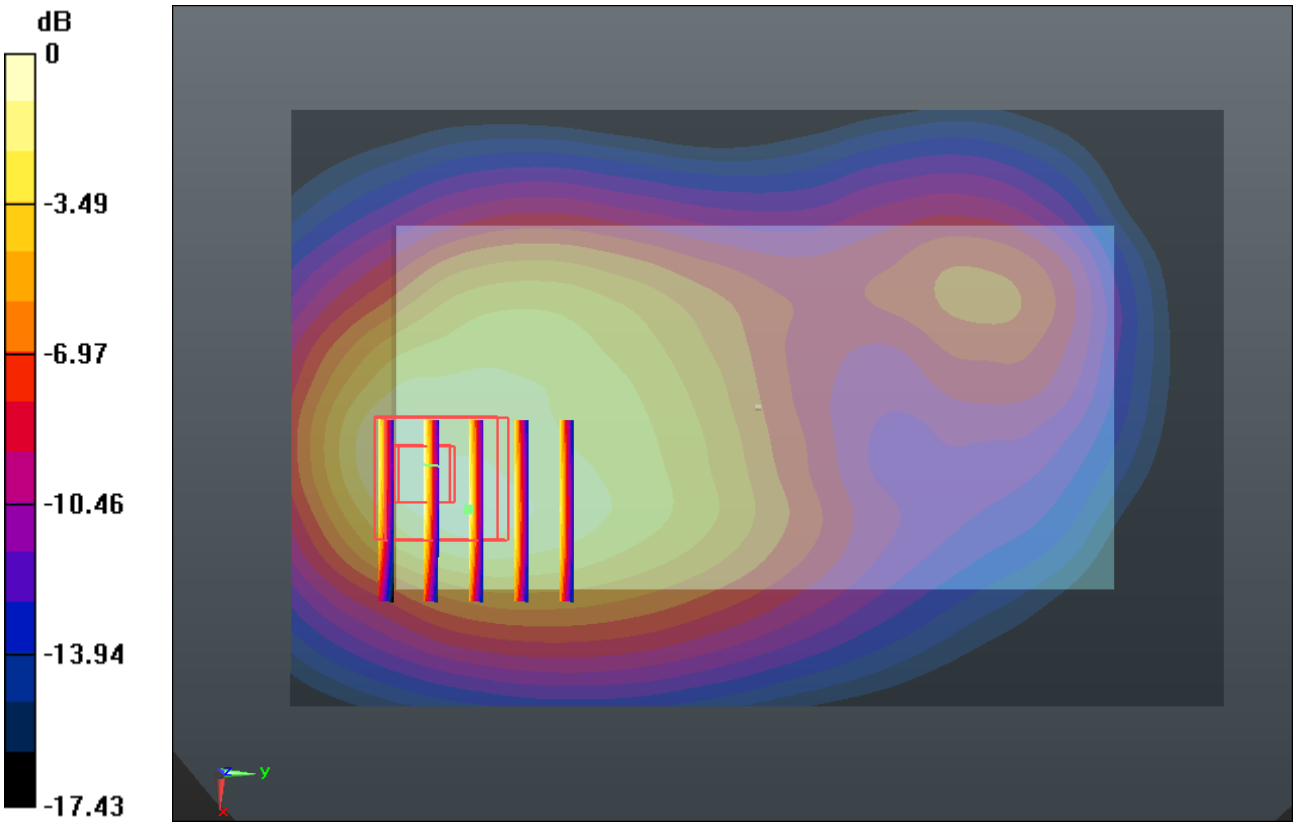
DUT: 331405

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130526 Medium parameters used: f = 1880 MHz; σ = 1.526 mho/m; ε_r = 53.262; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.438 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.887 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.899 W/kg
SAR(1 g) = 1.180 mW/g; SAR(10 g) = 0.681 mW/g
Maximum value of SAR (measured) = 1.580 mW/g



0 dB = 1.580mW/g

#29 CDMA2000 BC1_RC3 SO32_Back 1cm_Ch25

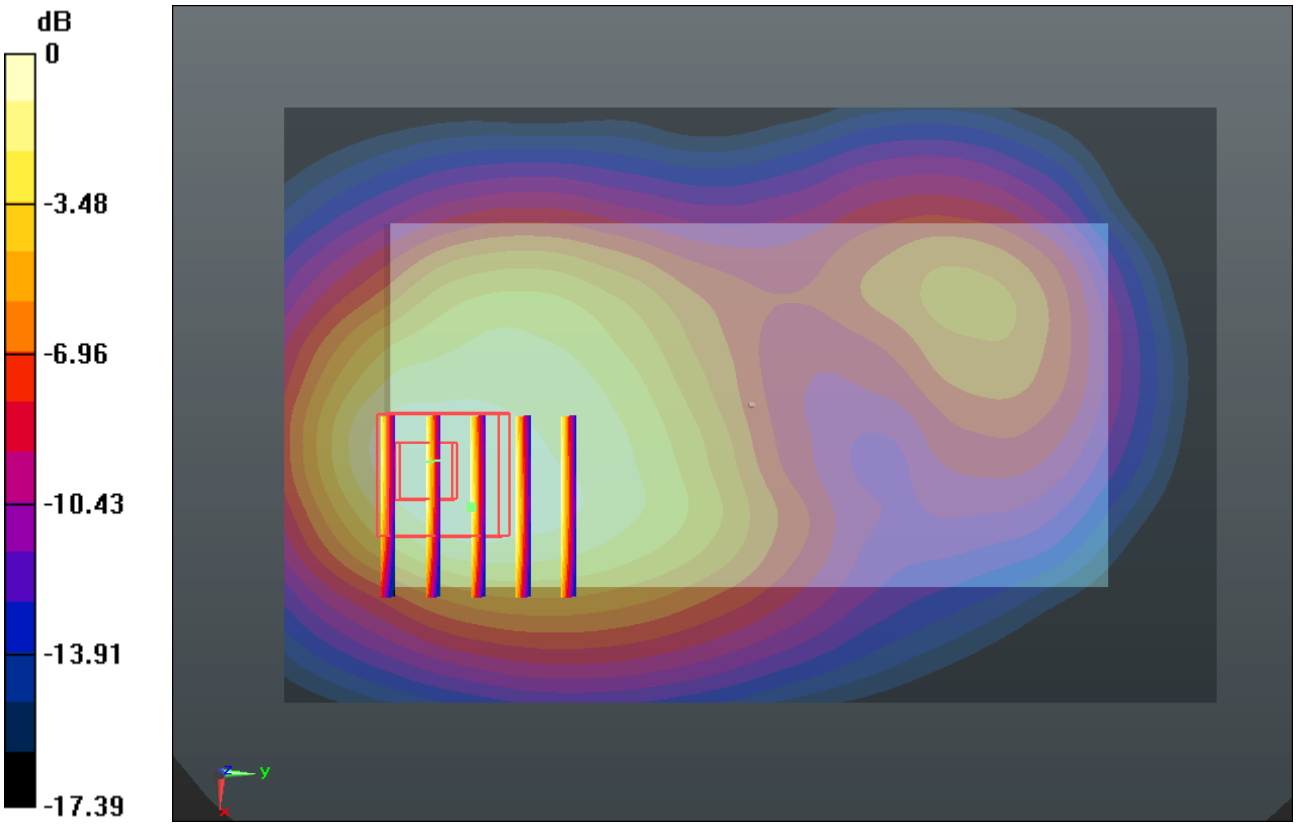
DUT: 331405

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130526 Medium parameters used:f = 1851.25 MHz; σ = 1.492 mho/m; ε_r = 53.321; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.347 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.477 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.667 W/kg
SAR(1 g) = 1.060 mW/g; SAR(10 g) = 0.634 mW/g
Maximum value of SAR (measured) = 1.384 mW/g



0 dB = 1.380mW/g

#30 CDMA2000 BC1_RC3 SO32_Back 1cm_Ch1175

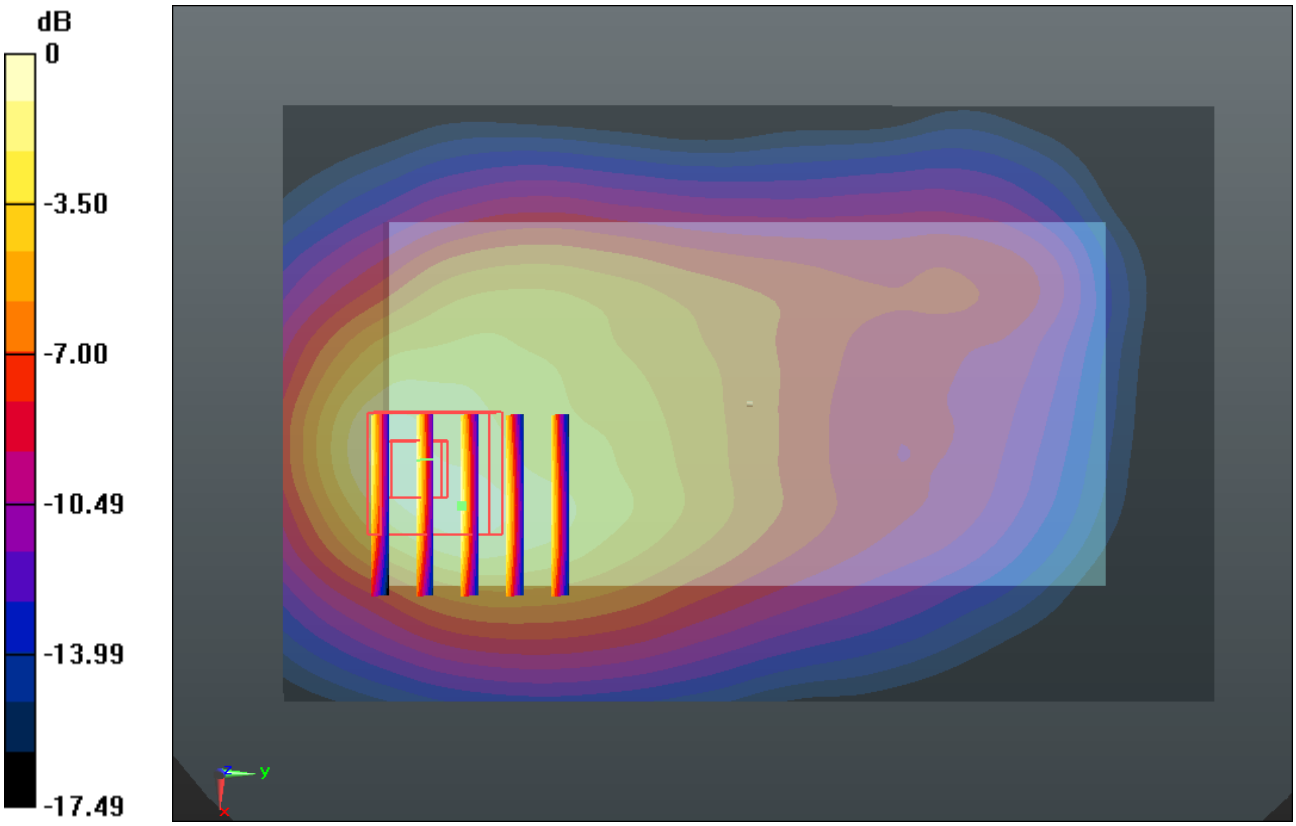
DUT: 331405

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130526 Medium parameters used: f = 1909 MHz; σ = 1.56 mho/m; ε_r = 53.179; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.480 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.732 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.967 W/kg
SAR(1 g) = 1.220 mW/g; SAR(10 g) = 0.697 mW/g
Maximum value of SAR (measured) = 1.620 mW/g



0 dB = 1.620mW/g

#31 CDMA2000 BC1_RC3 SO32_Front 1cm_Ch25

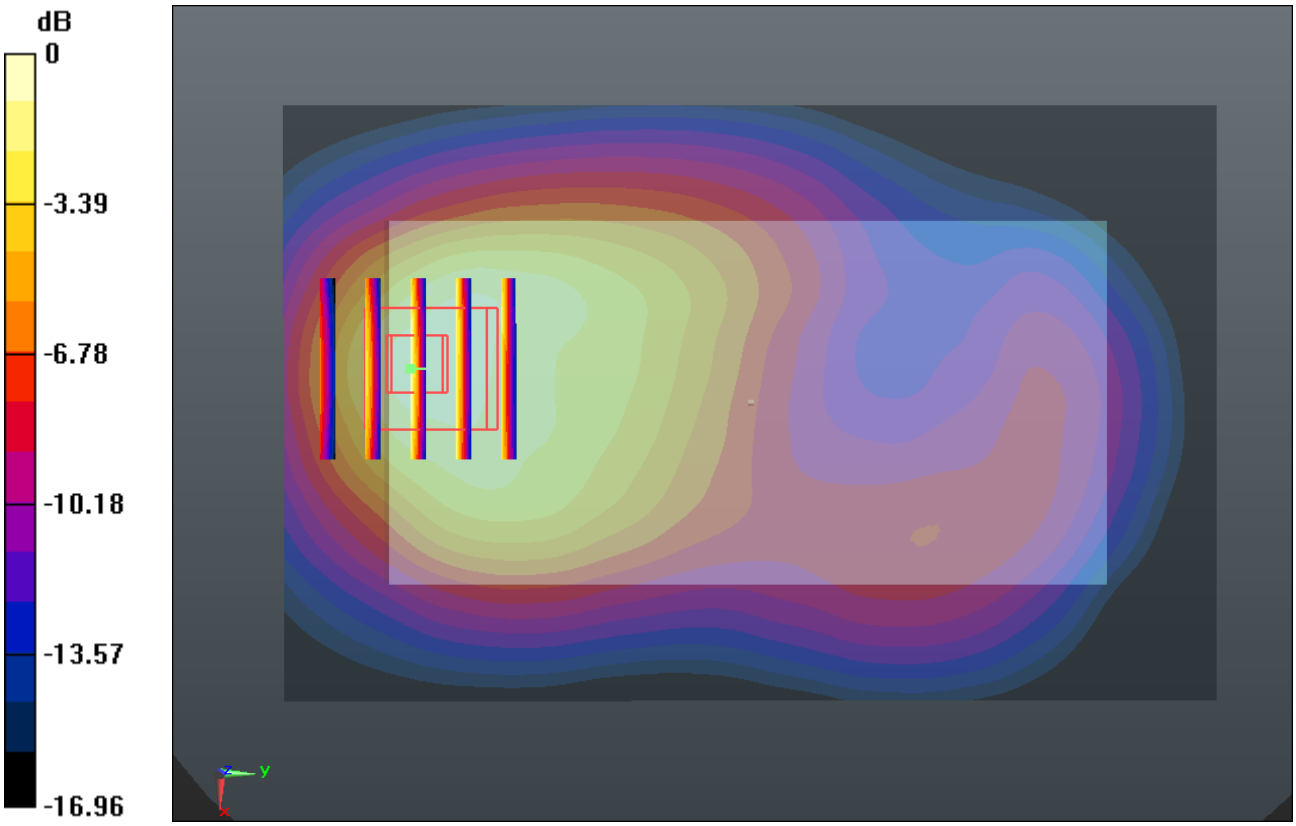
DUT: 331405

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130526 Medium parameters used: f = 1851.25 MHz; σ = 1.492 mho/m; ε_r = 53.321; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.411 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.130 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.984 W/kg
SAR(1 g) = 1.190 mW/g; SAR(10 g) = 0.678 mW/g
Maximum value of SAR (measured) = 1.644 mW/g



0 dB = 1.640mW/g

#32 CDMA2000 BC1_RC3 SO32_Front 1cm_Ch1175

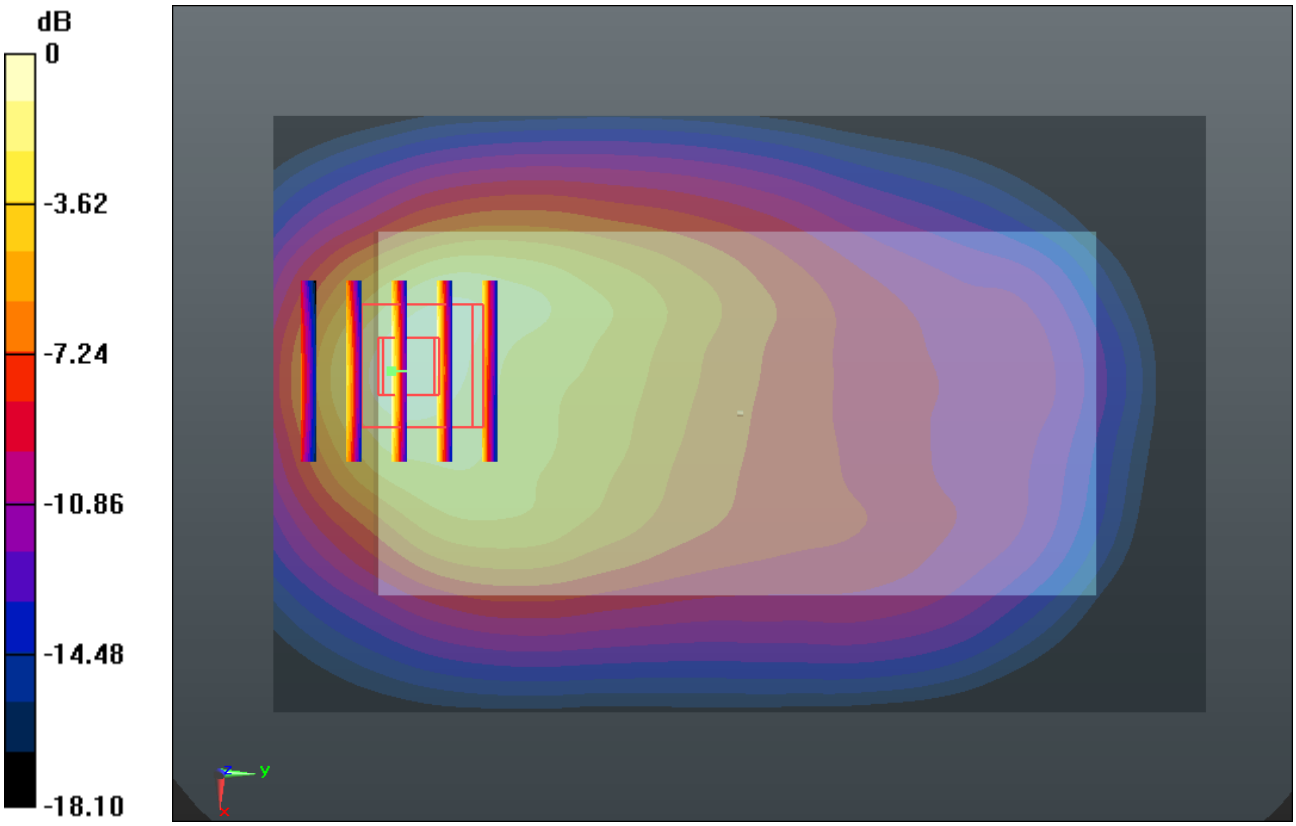
DUT: 331405

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130526 Medium parameters used: f = 1909 MHz; σ = 1.56 mho/m; ε_r = 53.179; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.537 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.008 V/m; Power Drift = -0.0015 dB
Peak SAR (extrapolated) = 2.191 W/kg
SAR(1 g) = 1.300 mW/g; SAR(10 g) = 0.718 mW/g
Maximum value of SAR (measured) = 1.761 mW/g



0 dB = 1.760mW/g

#33 CDMA2000 BC1_RETAP 4096_Front 1cm_Ch1175

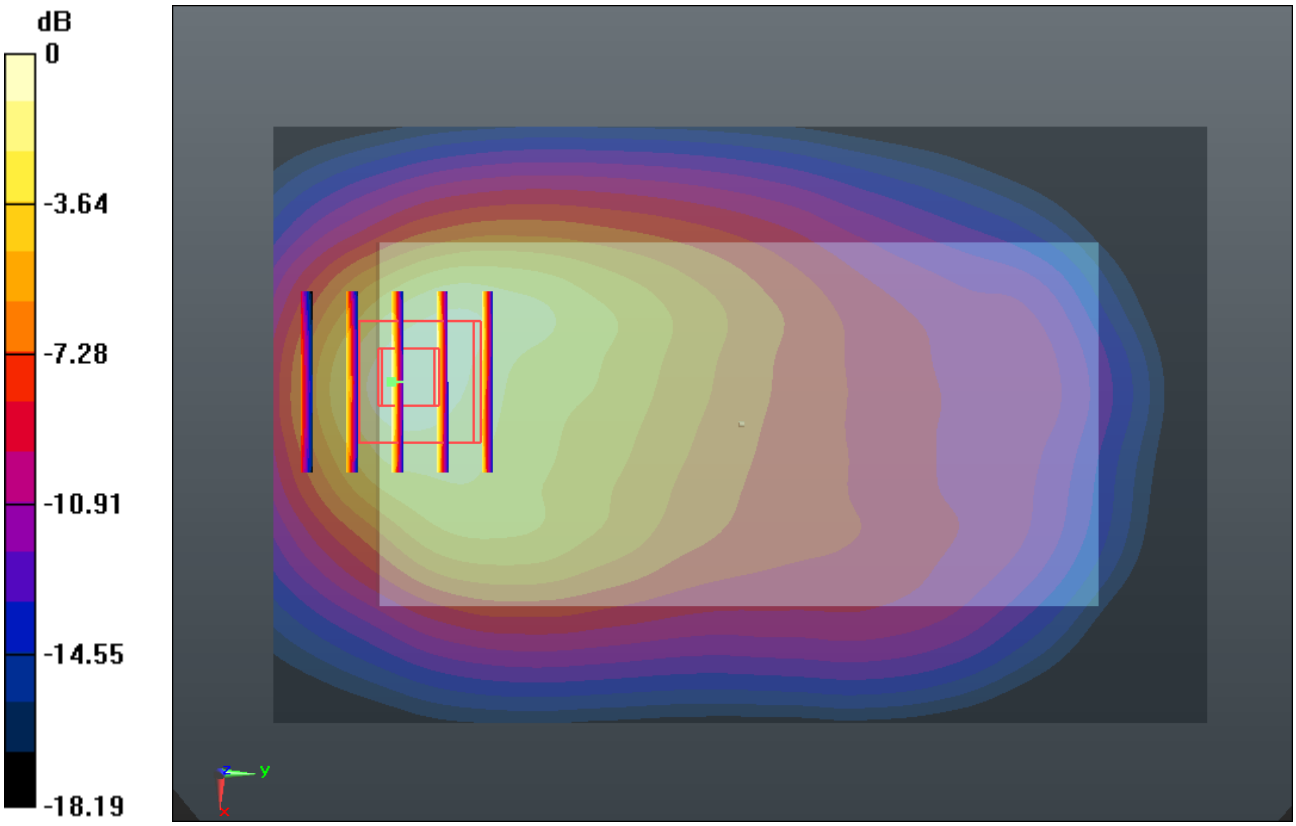
DUT: 331405

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130526 Medium parameters used: f = 1909 MHz; σ = 1.56 mho/m; ε_r = 53.179; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.567 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.284 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 2.213 W/kg
SAR(1 g) = 1.320 mW/g; SAR(10 g) = 0.723 mW/g
Maximum value of SAR (measured) = 1.780 mW/g



0 dB = 1.780mW/g

#34 CDMA2000 BC1_RETAP 4096_Front 1cm_Ch25

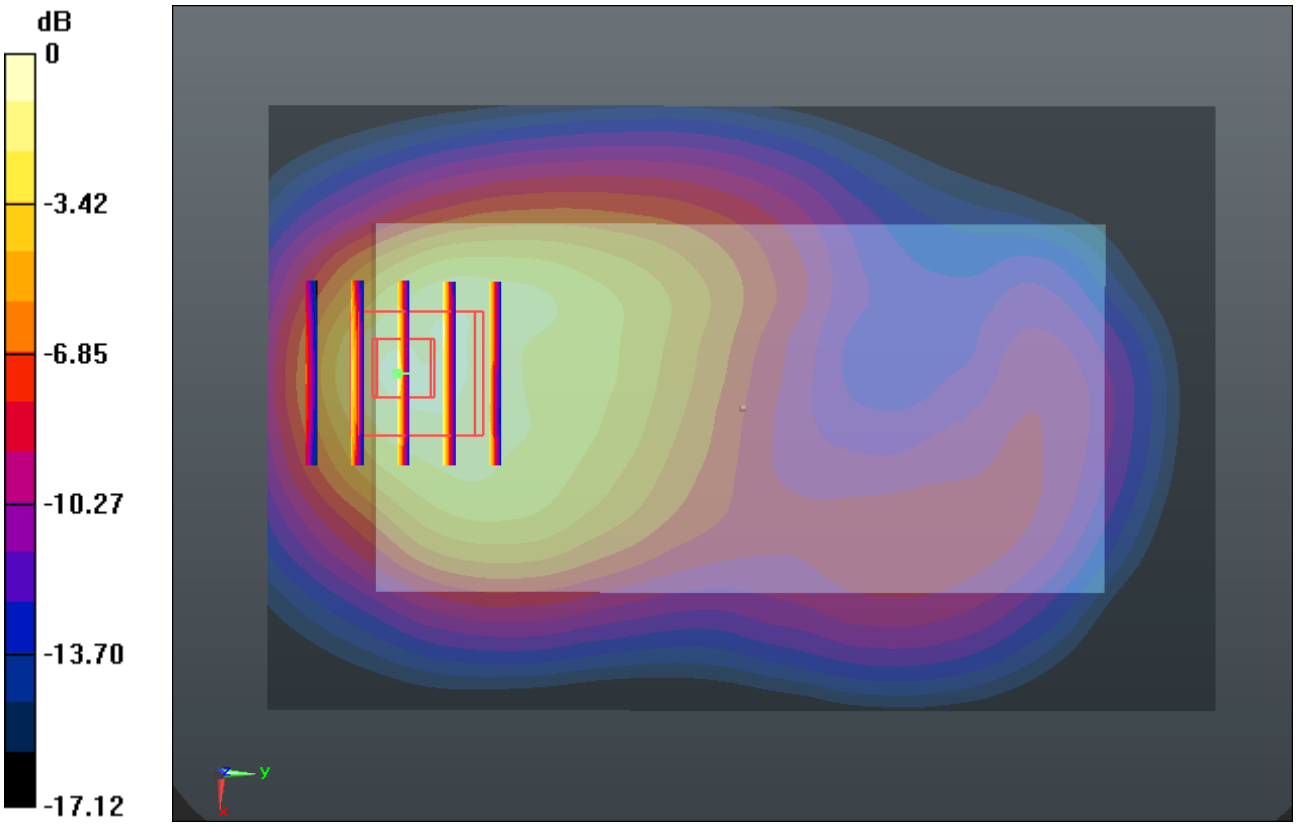
DUT: 331405

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130526 Medium parameters used: f = 1851.25 MHz; σ = 1.492 mho/m; ε_r = 53.321; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.424 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.383 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 2.115 W/kg
SAR(1 g) = 1.280 mW/g; SAR(10 g) = 0.723 mW/g
Maximum value of SAR (measured) = 1.767 mW/g



0 dB = 1.770mW/g

#35 CDMA2000 BC1_RETAP 4096_Front 1cm_Ch600

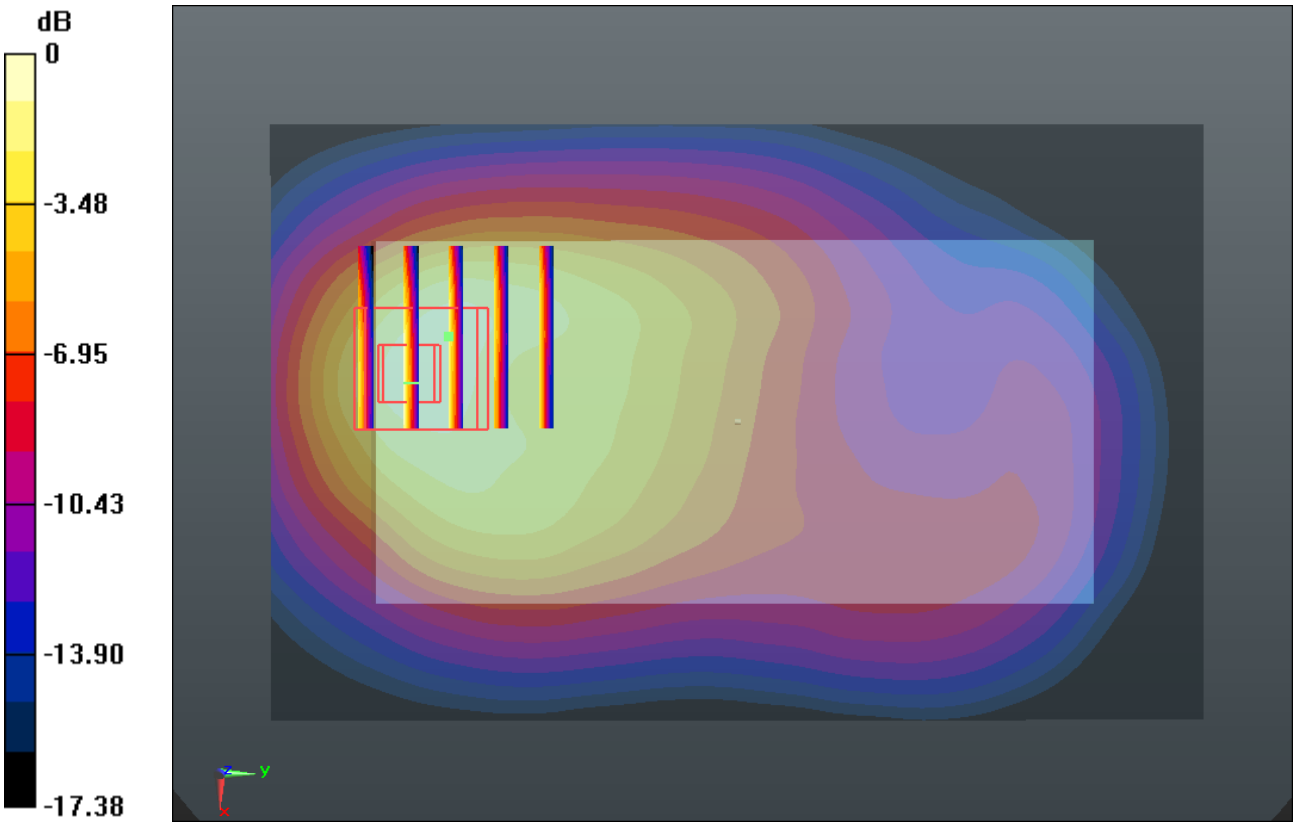
DUT: 331405

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130526 Medium parameters used: f = 1880 MHz; σ = 1.526 mho/m; ε_r = 53.262; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.539 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.182 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.135 W/kg
SAR(1 g) = 1.280 mW/g; SAR(10 g) = 0.709 mW/g
Maximum value of SAR (measured) = 1.748 mW/g



0 dB = 1.750mW/g

#36 CDMA2000 BC1_RC3 SO32_Front 1cm_Ch1175_Headset

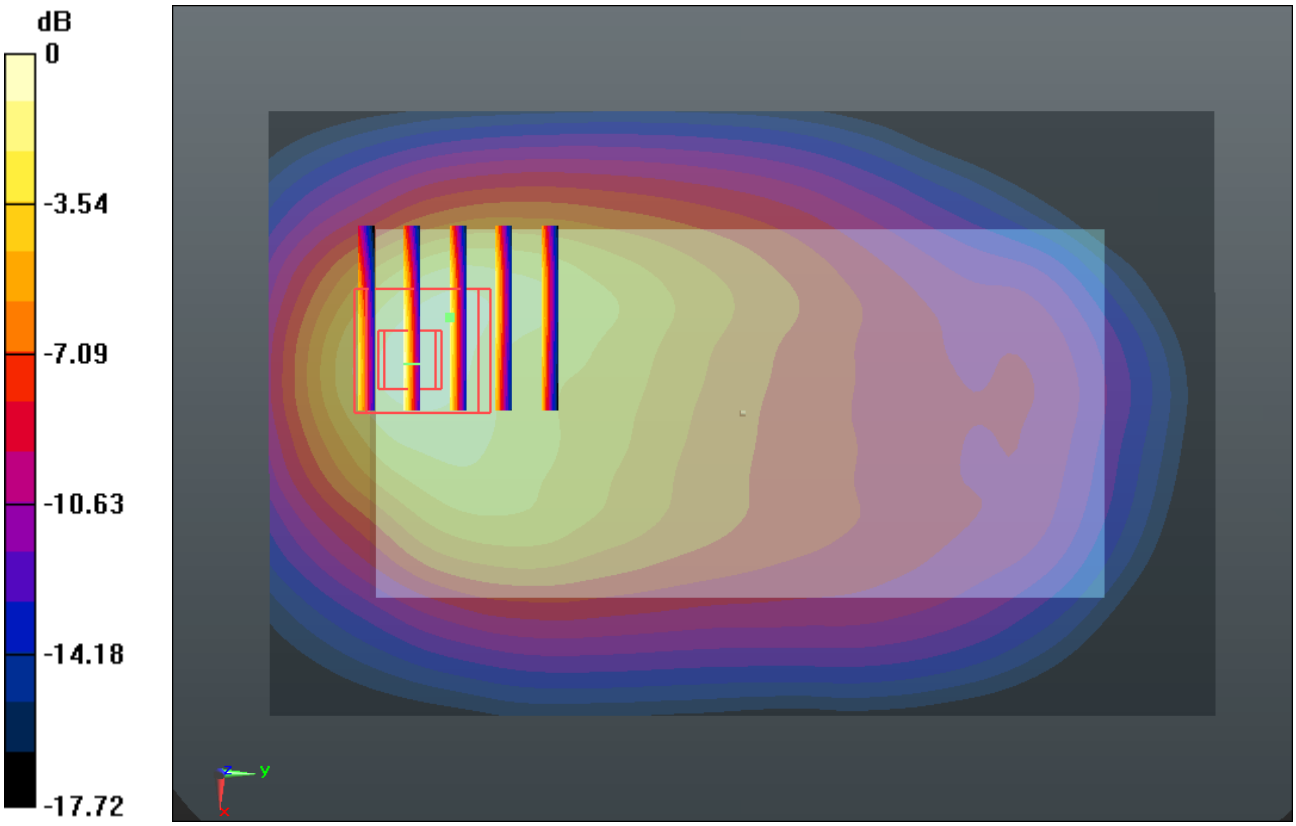
DUT: 331405

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130526 Medium parameters used: f = 1909 MHz; σ = 1.56 mho/m; ε_r = 53.179; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.517 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.007 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.117 W/kg
SAR(1 g) = 1.250 mW/g; SAR(10 g) = 0.684 mW/g
Maximum value of SAR (measured) = 1.729 mW/g



0 dB = 1.730mW/g

#37 CDMA2000 BC1_RC3 SO32_Front 1cm_Ch25_Headset

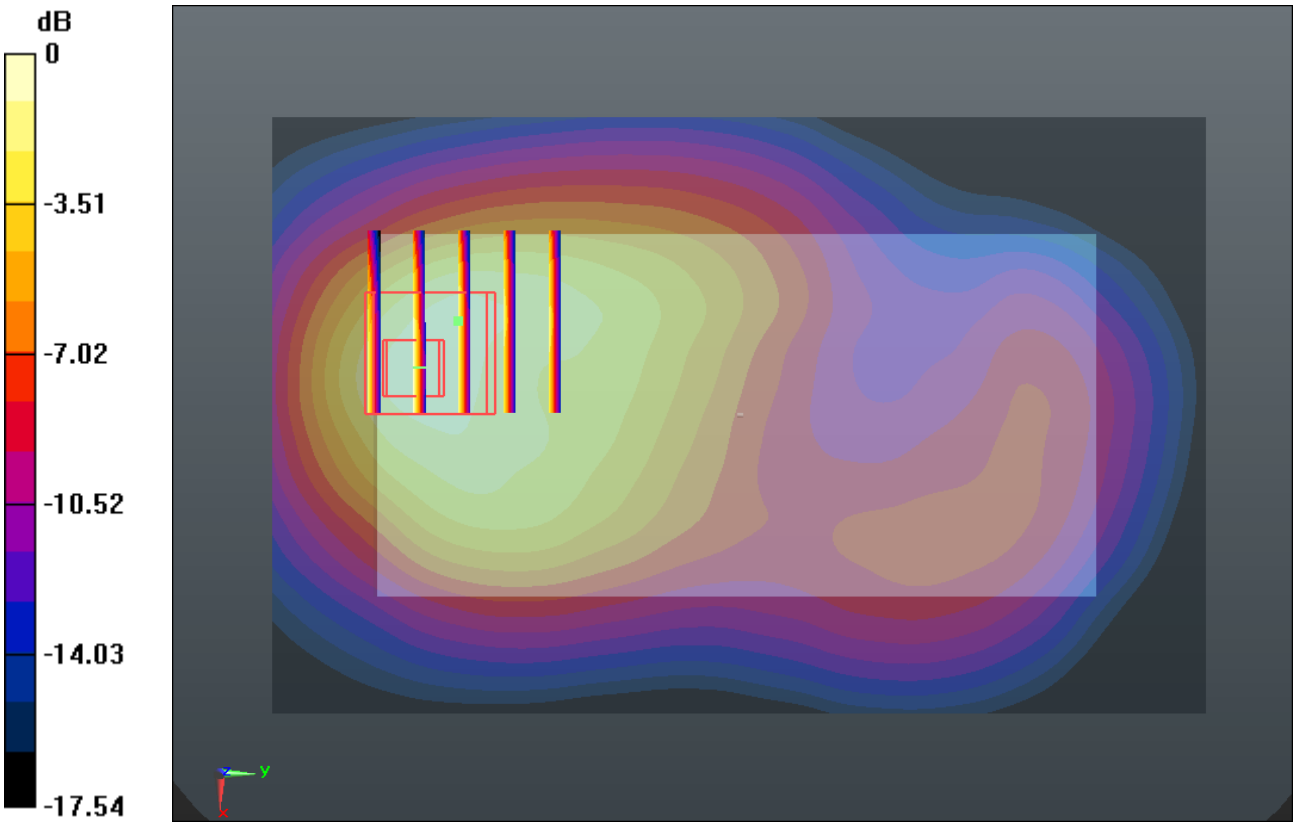
DUT: 331405

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130526 Medium parameters used: f = 1851.25 MHz; σ = 1.492 mho/m; ε_r = 53.321; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.451 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.916 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.978 W/kg
SAR(1 g) = 1.200 mW/g; SAR(10 g) = 0.669 mW/g
Maximum value of SAR (measured) = 1.651 mW/g



0 dB = 1.650mW/g

#38 CDMA2000 BC1_RC3 SO32_Front 1cm_Ch600_Headset

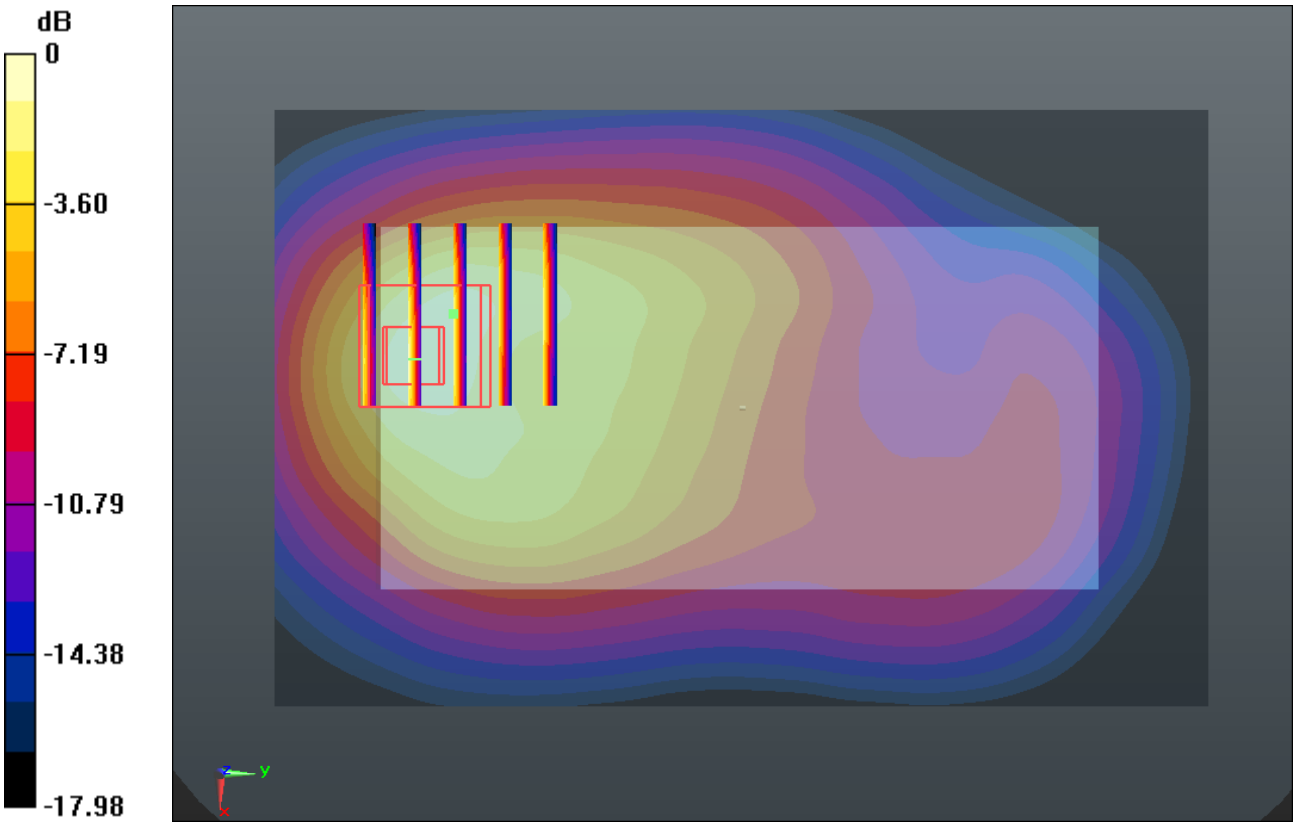
DUT: 331405

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130526 Medium parameters used: f = 1880 MHz; σ = 1.526 mho/m; ε_r = 53.262; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.535 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.826 V/m; Power Drift = -0.0046 dB
Peak SAR (extrapolated) = 2.155 W/kg
SAR(1 g) = 1.280 mW/g; SAR(10 g) = 0.706 mW/g
Maximum value of SAR (measured) = 1.766 mW/g



0 dB = 1.770mW/g

#39 CDMA2000 BC10_RTAP 153.6_Front 1cm_Ch476

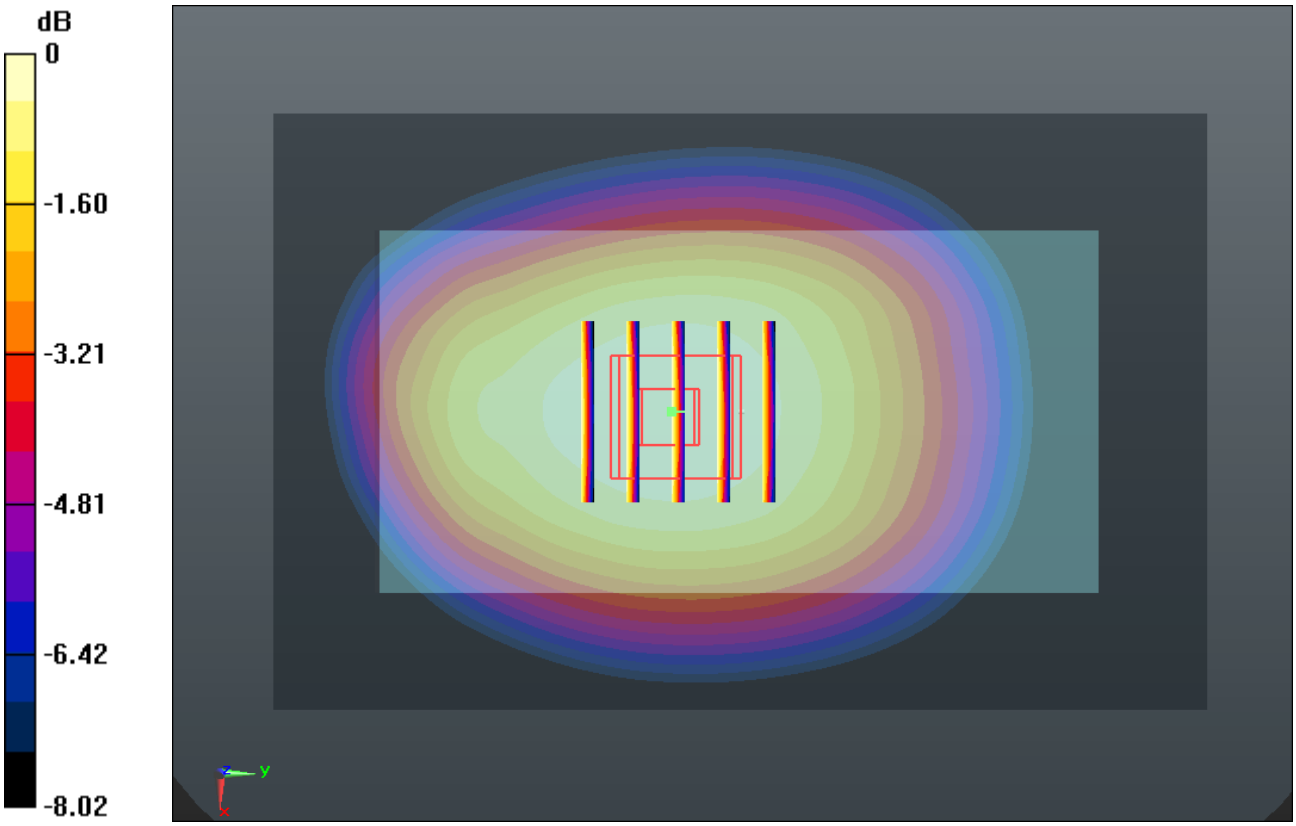
DUT: 331405

Communication System: CDMA2000; Frequency: 817.9 MHz;Duty Cycle: 1:1
Medium: MSL_835_130525 Medium parameters used: f = 817.9 MHz; σ = 0.963 mho/m; ε_r = 54.645; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.599 mW/g

Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.170 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.639 W/kg
SAR(1 g) = 0.517 mW/g; SAR(10 g) = 0.397 mW/g
Maximum value of SAR (measured) = 0.589 mW/g



0 dB = 0.590mW/g

#40 CDMA2000 BC10_RTAP 153.6_Back 1cm_Ch476

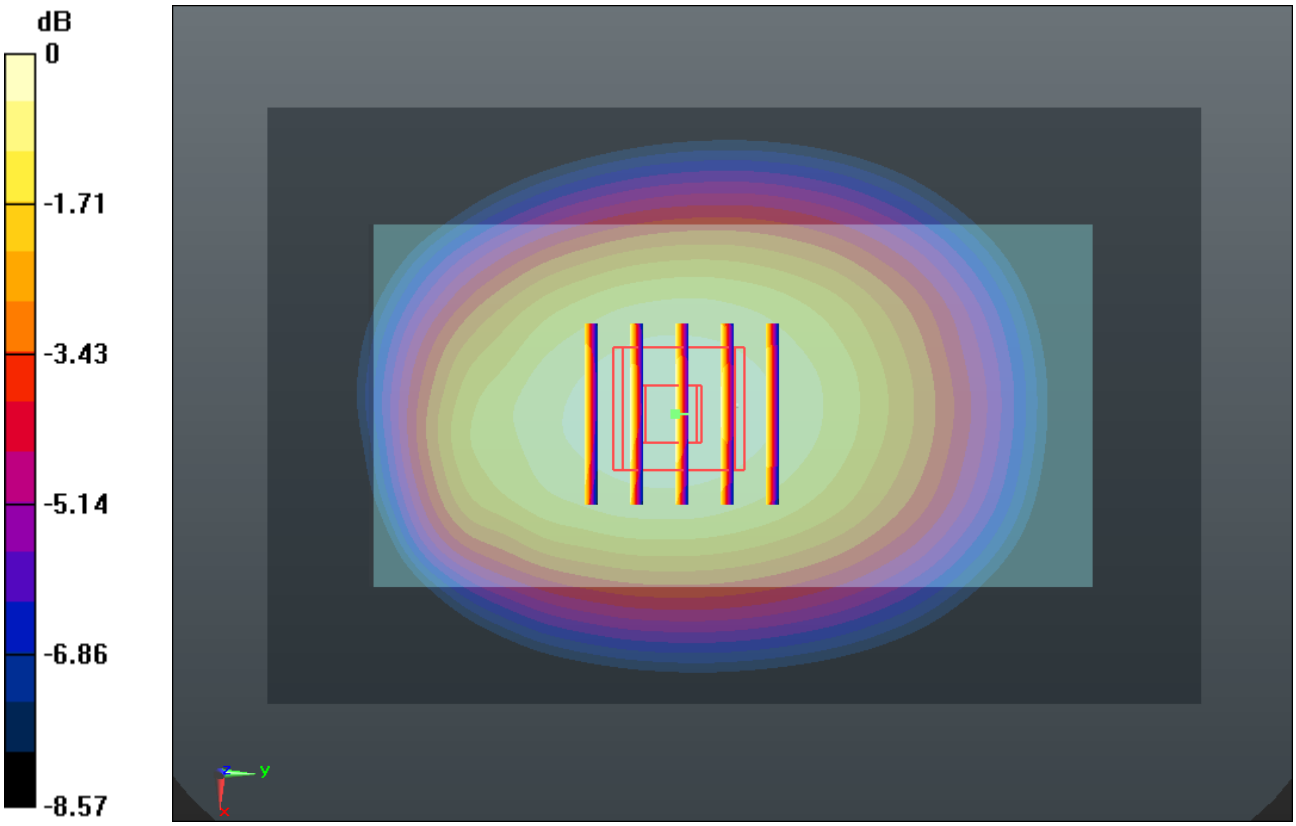
DUT: 331405

Communication System: CDMA2000; Frequency: 817.9 MHz;Duty Cycle: 1:1
Medium: MSL_835_130525 Medium parameters used: f = 817.9 MHz; σ = 0.963 mho/m; ε_r = 54.645; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.900 mW/g

Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.894 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.002 W/kg
SAR(1 g) = 0.796 mW/g; SAR(10 g) = 0.603 mW/g
Maximum value of SAR (measured) = 0.914 mW/g



0 dB = 0.910mW/g

#41 CDMA2000 BC10_RTAP 153.6_Left Side 1cm_Ch476

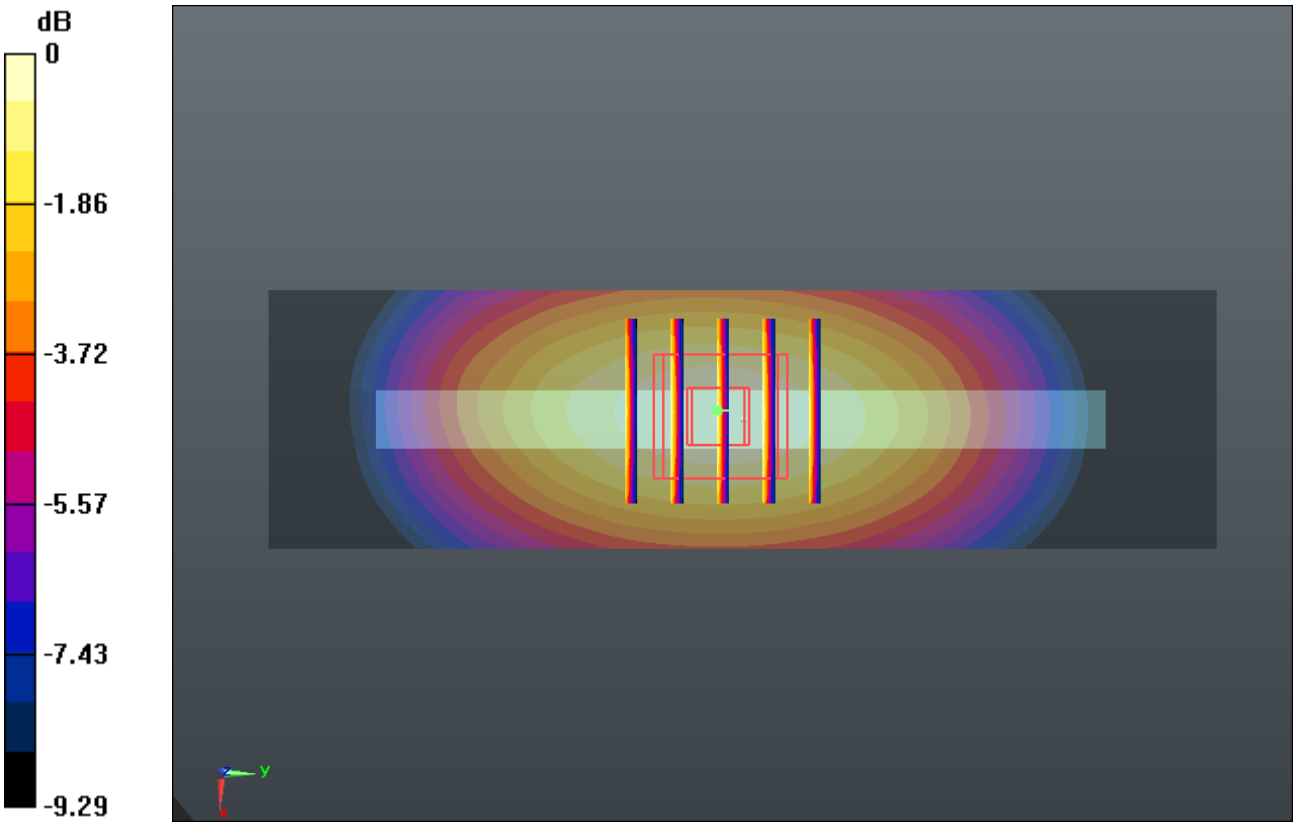
DUT: 331405

Communication System: CDMA2000; Frequency: 817.9 MHz;Duty Cycle: 1:1
Medium: MSL_835_130525 Medium parameters used: f = 817.9 MHz; σ = 0.963 mho/m; ε_r = 54.645; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.671 mW/g

Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.865 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.776 W/kg
SAR(1 g) = 0.558 mW/g; SAR(10 g) = 0.389 mW/g
Maximum value of SAR (measured) = 0.678 mW/g



0 dB = 0.680mW/g

#42 CDMA2000 BC10_RTAP 153.6_Right Side 1cm_Ch476

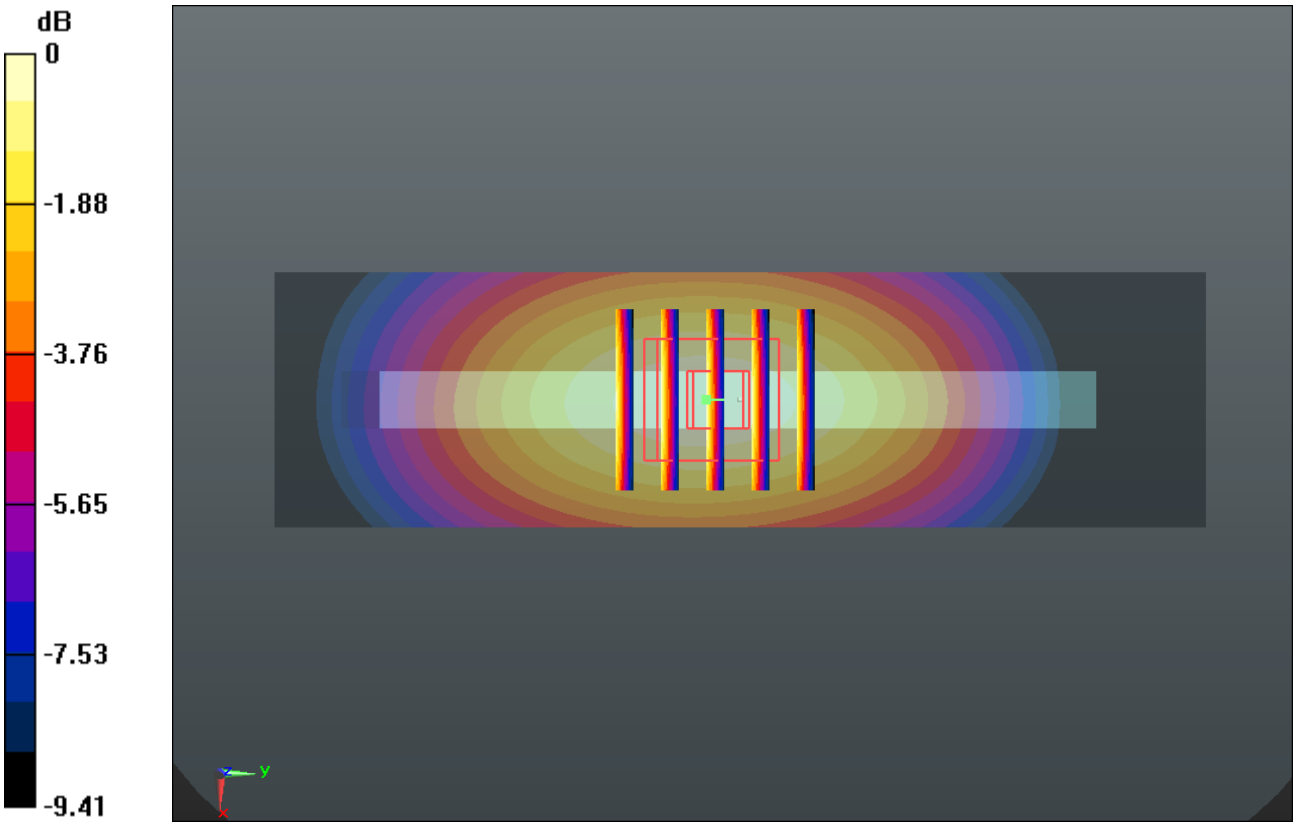
DUT: 331405

Communication System: CDMA2000; Frequency: 817.9 MHz;Duty Cycle: 1:1
Medium: MSL_835_130525 Medium parameters used: f = 817.9 MHz; σ = 0.963 mho/m; ε_r = 54.645; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.503 mW/g

Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.747 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.600 W/kg
SAR(1 g) = 0.431 mW/g; SAR(10 g) = 0.300 mW/g
Maximum value of SAR (measured) = 0.525 mW/g



0 dB = 0.520mW/g

#43 CDMA2000 BC10_RTAP 153.6_Bottom Side 1cm_Ch476

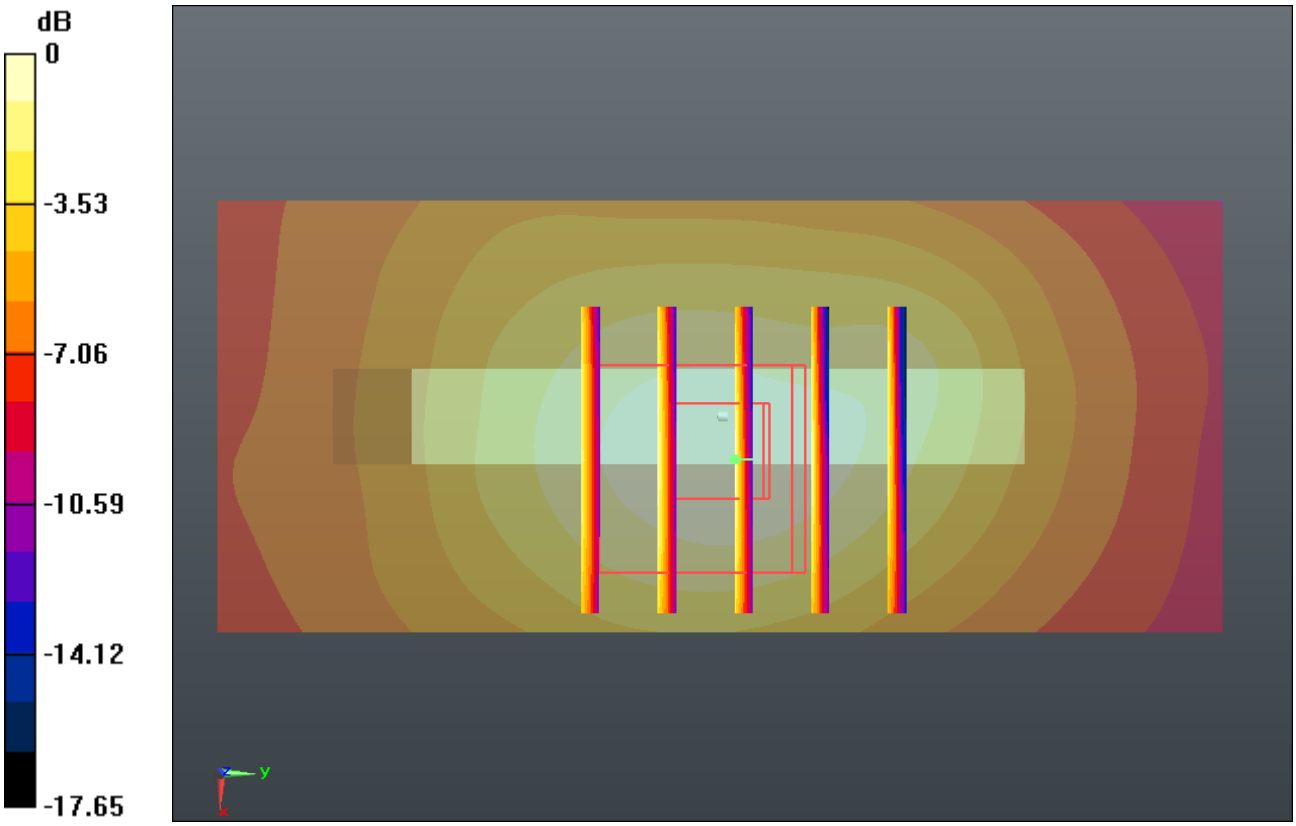
DUT: 331405

Communication System: CDMA2000; Frequency: 817.9 MHz;Duty Cycle: 1:1
Medium: MSL_835_130525 Medium parameters used: f = 817.9 MHz; σ = 0.963 mho/m; ε_r = 54.645; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.088 mW/g

Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.342 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.115 W/kg
SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.039 mW/g
Maximum value of SAR (measured) = 0.088 mW/g



0 dB = 0.090mW/g

#44 CDMA2000 BC10_RTAP 153.6_Back 1cm_Ch580

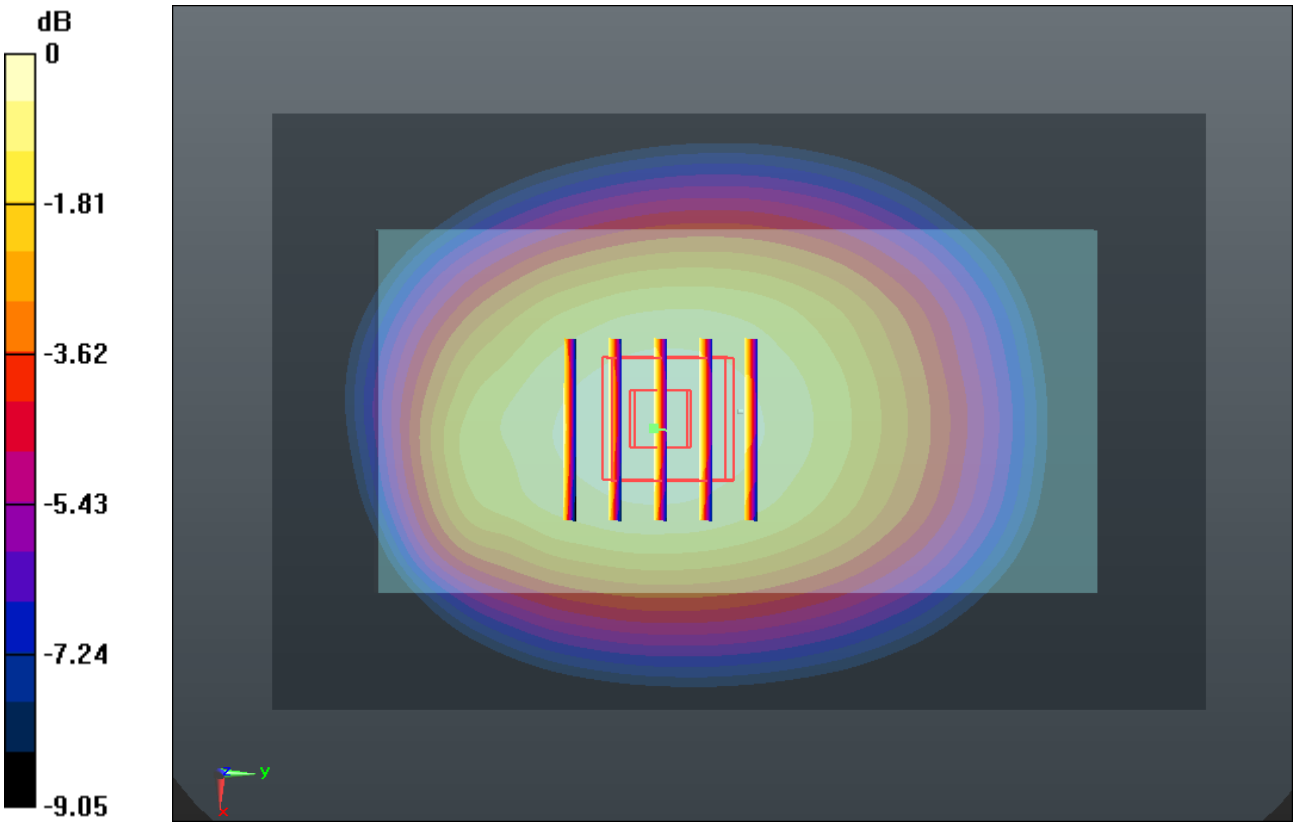
DUT: 331405

Communication System: CDMA2000; Frequency: 820.5 MHz;Duty Cycle: 1:1
Medium: MSL_835_130525 Medium parameters used: f = 820.5 MHz; σ = 0.966 mho/m; ε_r = 54.617; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch580/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.105 mW/g

Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.377 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.241 W/kg
SAR(1 g) = 0.981 mW/g; SAR(10 g) = 0.740 mW/g
Maximum value of SAR (measured) = 1.130 mW/g



0 dB = 1.130mW/g

#46 CDMA2000 BC10_RTAP 153.6_Back 1cm_Ch580_Repeat SAR

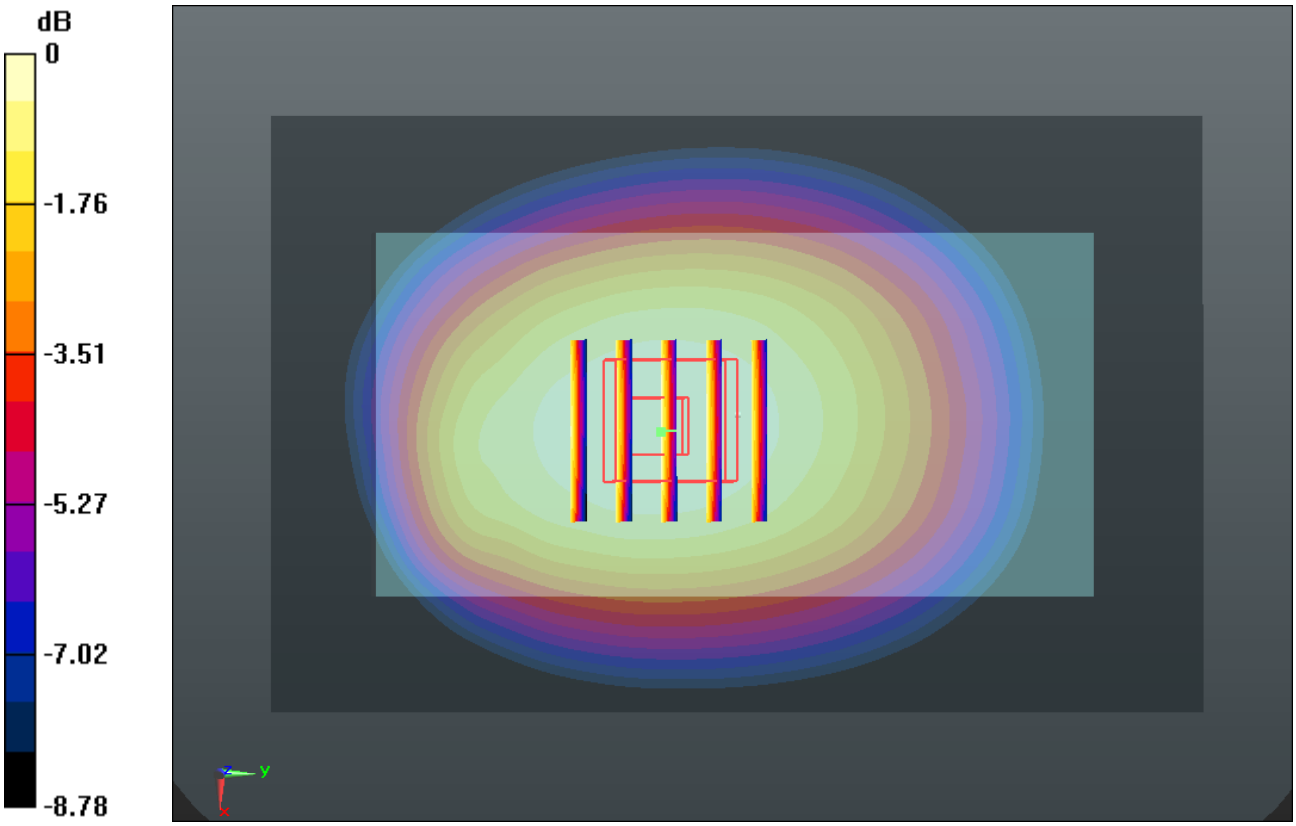
DUT: 331405

Communication System: CDMA2000; Frequency: 820.5 MHz;Duty Cycle: 1:1
Medium: MSL_835_130525 Medium parameters used: f = 820.5 MHz; σ = 0.966 mho/m; ε_r = 54.617; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch580/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.138 mW/g

Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.701 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.226 W/kg
SAR(1 g) = 0.968 mW/g; SAR(10 g) = 0.733 mW/g
Maximum value of SAR (measured) = 1.114 mW/g



0 dB = 1.110mW/g

#47 CDMA2000 BC10_RTAP 153.6_Back 1cm_Ch684

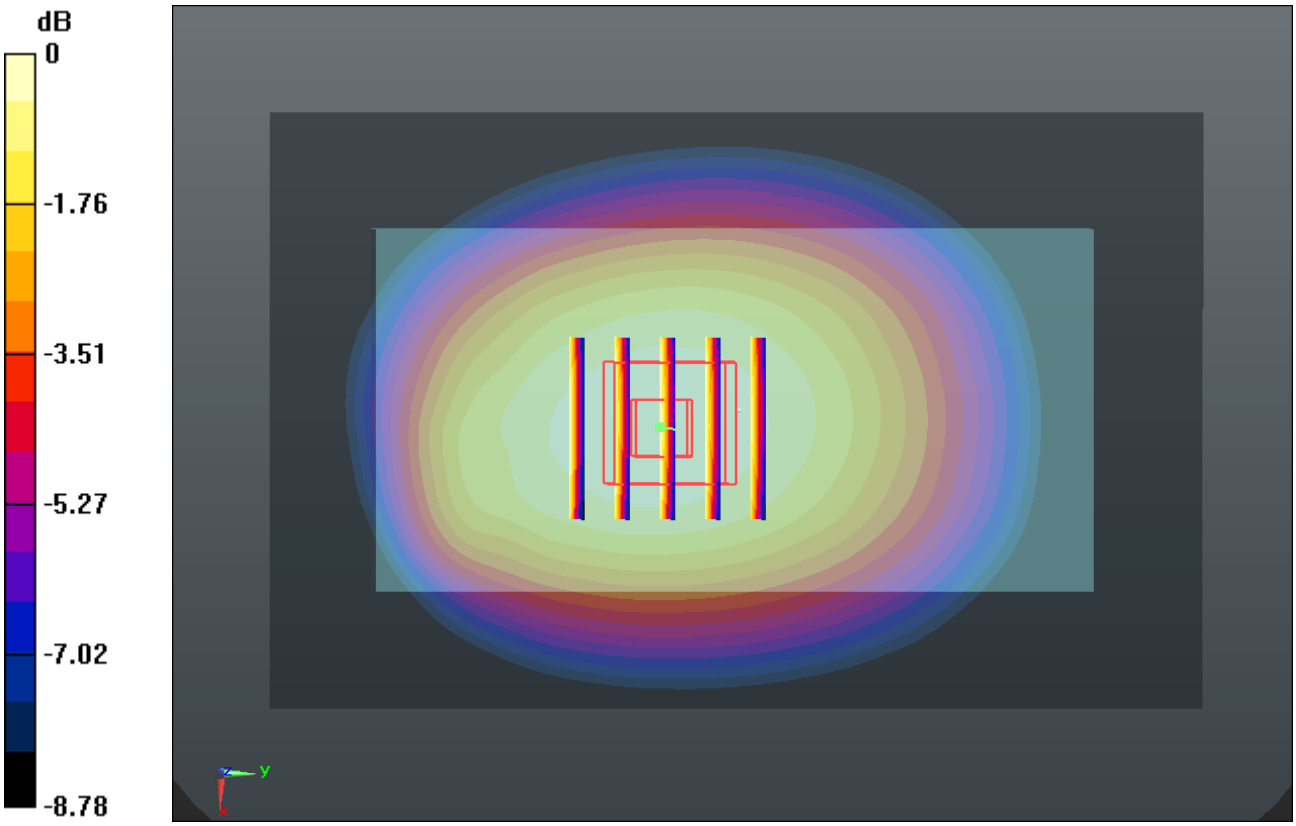
DUT: 331405

Communication System: CDMA2000; Frequency: 823.1 MHz;Duty Cycle: 1:1
Medium: MSL_835_130525 Medium parameters used: f = 823.1 MHz; σ = 0.968 mho/m; ε_r = 54.593; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch684/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.038 mW/g

Ch684/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.332 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.140 W/kg
SAR(1 g) = 0.898 mW/g; SAR(10 g) = 0.680 mW/g
Maximum value of SAR (measured) = 1.036 mW/g



0 dB = 1.040mW/g

#48 CDMA2000 BC10_RC3 SO32_Front 1cm_Ch476

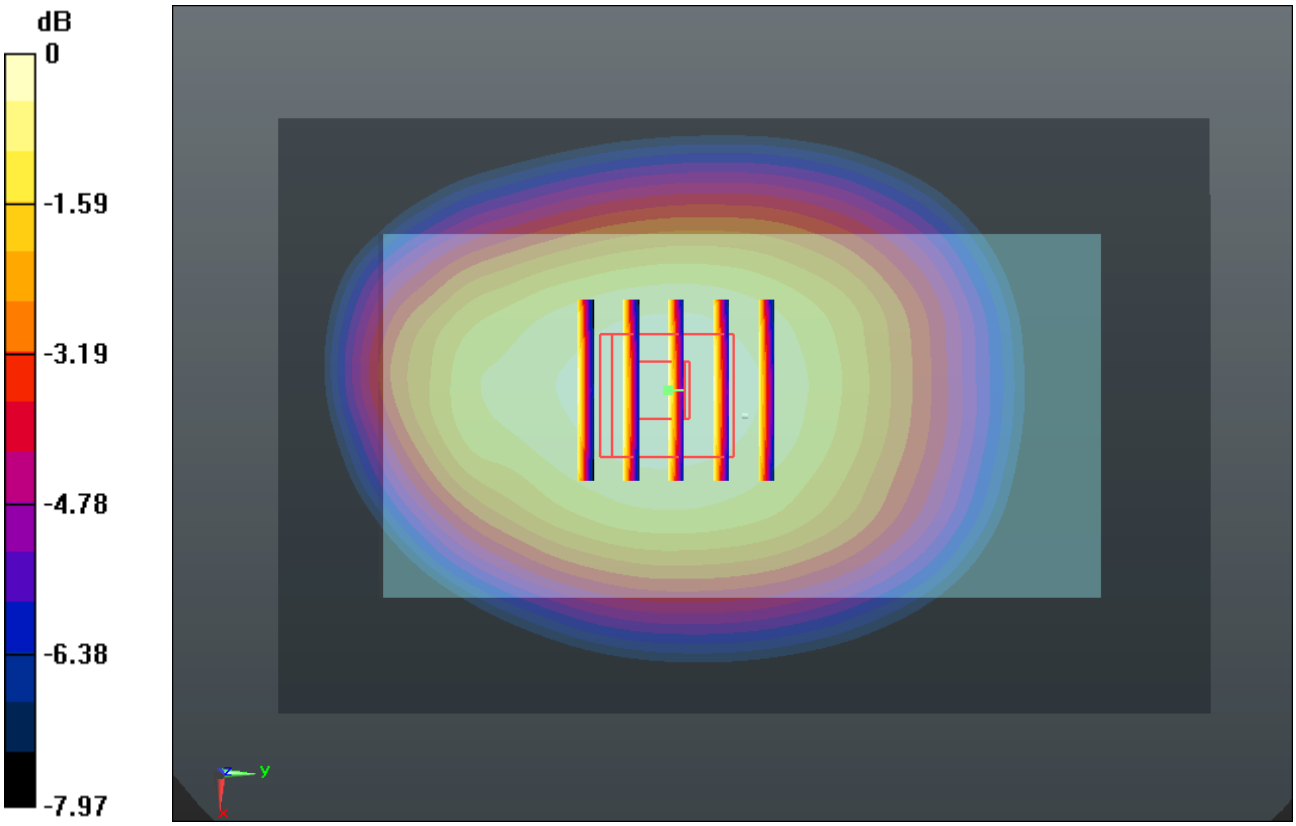
DUT: 331405

Communication System: CDMA2000; Frequency: 817.9 MHz;Duty Cycle: 1:1
Medium: MSL_835_130525 Medium parameters used: f = 817.9 MHz; σ = 0.963 mho/m; ε_r = 54.645; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.659 mW/g

Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.409 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.737 W/kg
SAR(1 g) = 0.597 mW/g; SAR(10 g) = 0.458 mW/g
Maximum value of SAR (measured) = 0.678 mW/g



0 dB = 0.680mW/g

#49 CDMA2000 BC10_RC3 SO32_Back 1cm_Ch476

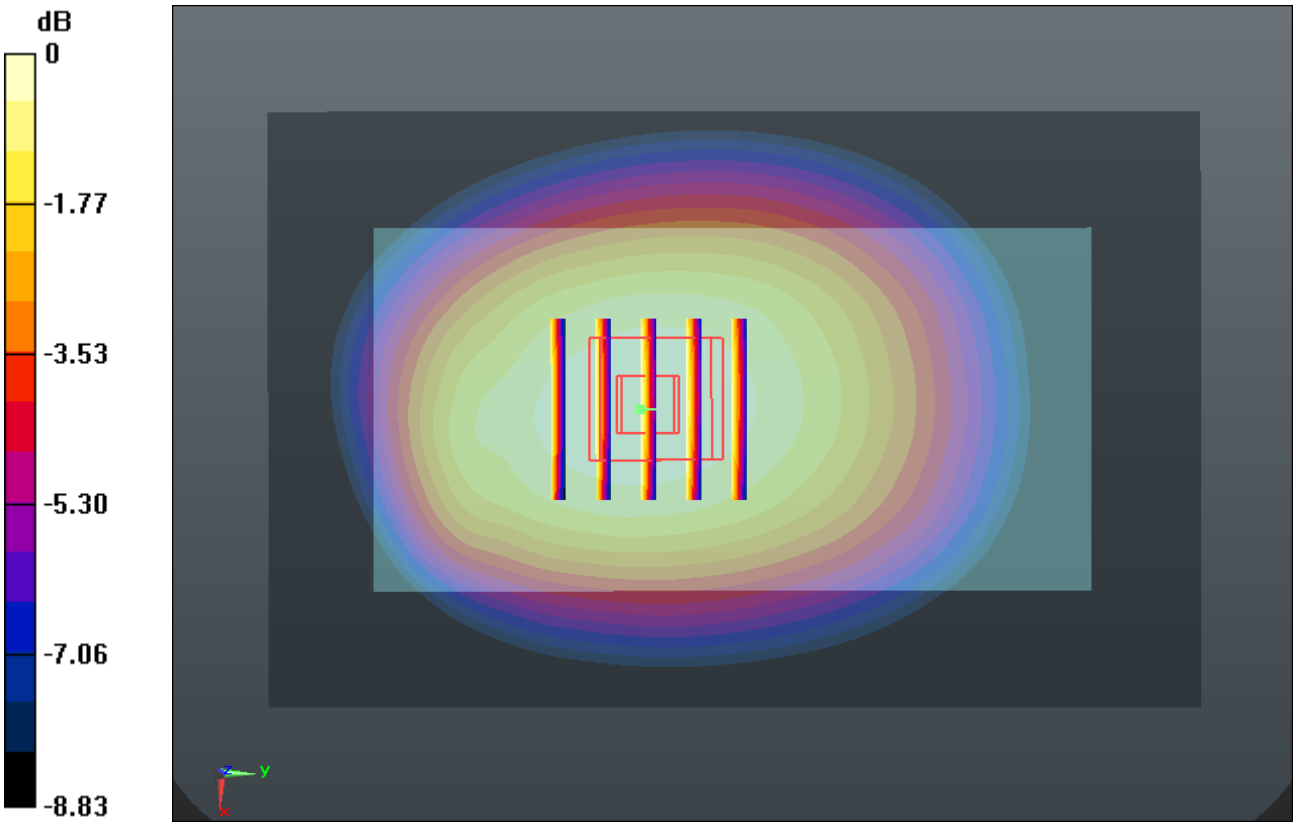
DUT: 331405

Communication System: CDMA2000; Frequency: 817.9 MHz;Duty Cycle: 1:1
Medium: MSL_835_130525 Medium parameters used: f = 817.9 MHz; σ = 0.963 mho/m; ε_r = 54.645; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.943 mW/g

Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.760 V/m; Power Drift = -0.0035 dB
Peak SAR (extrapolated) = 1.050 W/kg
SAR(1 g) = 0.822 mW/g; SAR(10 g) = 0.622 mW/g
Maximum value of SAR (measured) = 0.953 mW/g



0 dB = 0.950mW/g

#50 CDMA2000 BC10_RC3 SO32_Back 1cm_Ch580

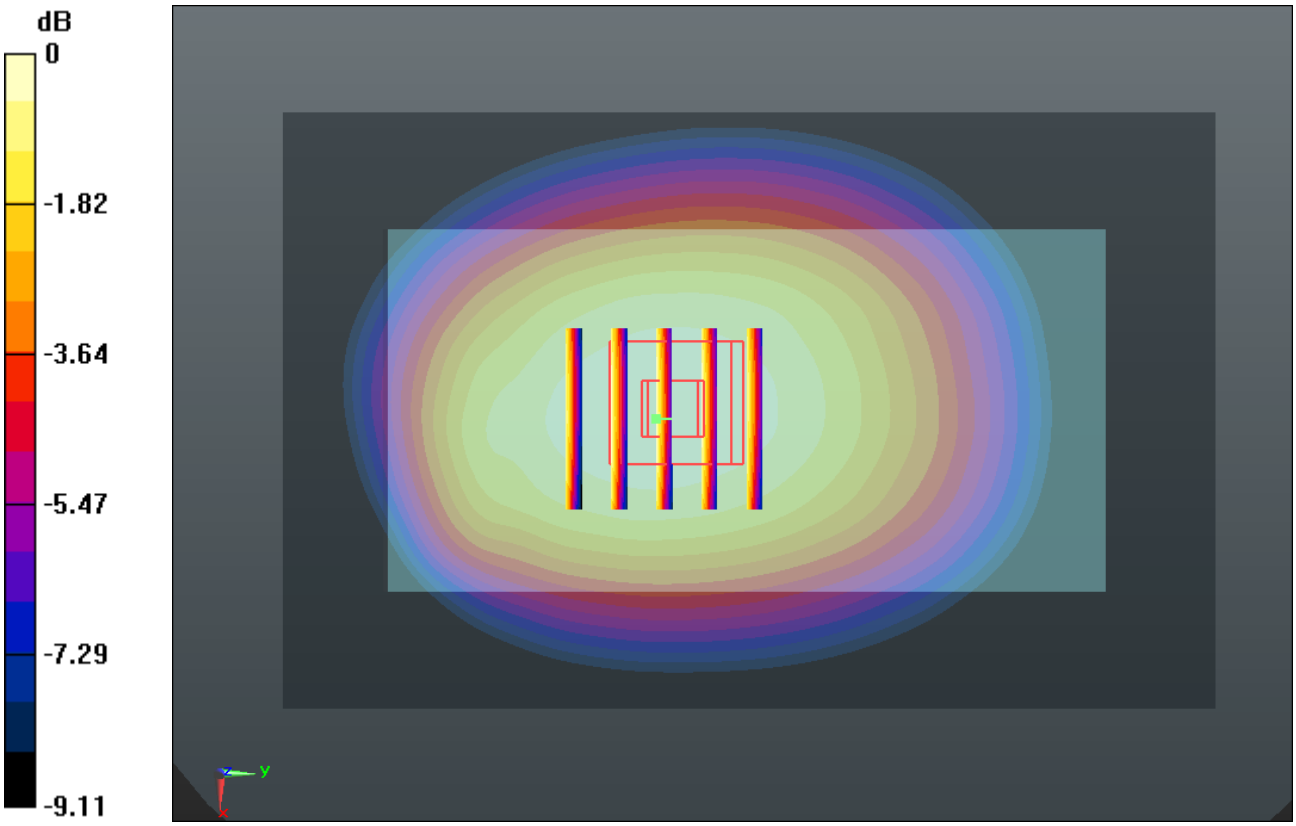
DUT: 331405

Communication System: CDMA2000; Frequency: 820.5 MHz;Duty Cycle: 1:1
Medium: MSL_835_130525 Medium parameters used: f = 820.5 MHz; σ = 0.966 mho/m; ε_r = 54.617; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch580/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.086 mW/g

Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.628 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.200 W/kg
SAR(1 g) = 0.953 mW/g; SAR(10 g) = 0.719 mW/g
Maximum value of SAR (measured) = 1.092 mW/g



0 dB = 1.090mW/g

#51 CDMA2000 BC10_RC3 SO32_Back 1cm_Ch684

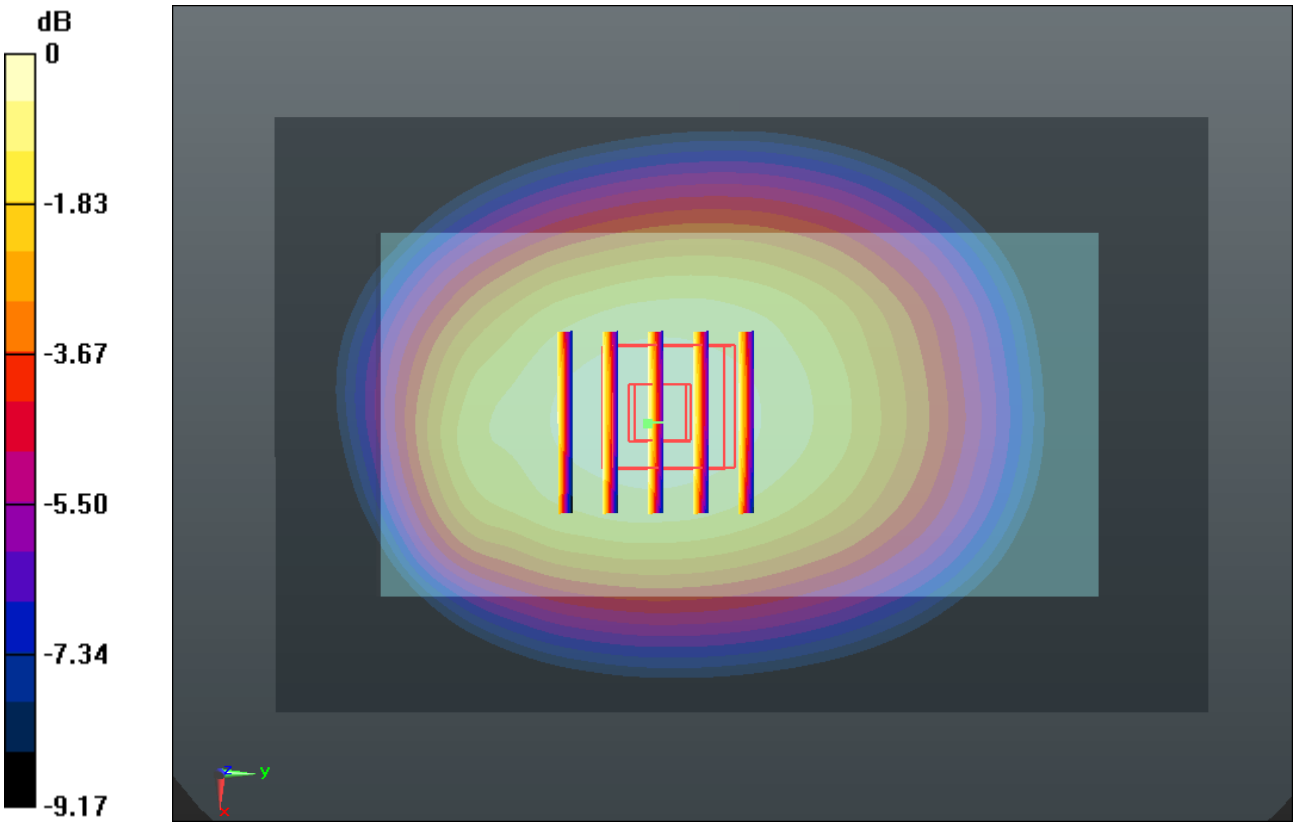
DUT: 331405

Communication System: CDMA2000; Frequency: 823.1 MHz;Duty Cycle: 1:1
Medium: MSL_835_130525 Medium parameters used: f = 823.1 MHz; σ = 0.968 mho/m; ε_r = 54.593; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch684/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.024 mW/g

Ch684/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.899 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.146 W/kg
SAR(1 g) = 0.903 mW/g; SAR(10 g) = 0.679 mW/g
Maximum value of SAR (measured) = 1.046 mW/g



0 dB = 1.050mW/g

#52 CDMA2000 BC10_RETAP 4096_Back 1cm_Ch476

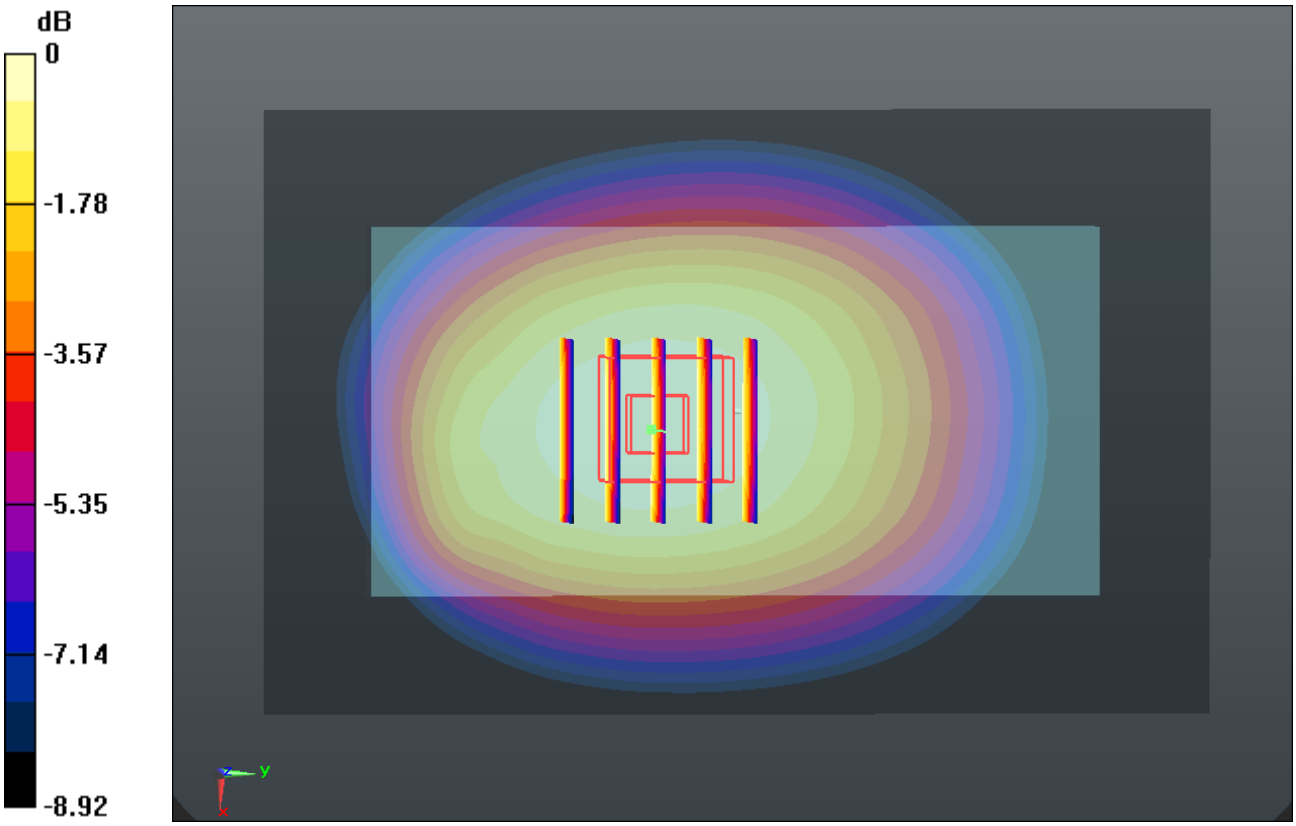
DUT: 331405

Communication System: CDMA2000; Frequency: 817.9 MHz;Duty Cycle: 1:1
Medium: MSL_835_130525 Medium parameters used: f = 817.9 MHz; σ = 0.963 mho/m; ε_r = 54.645; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.983 mW/g

Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.538 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.080 W/kg
SAR(1 g) = 0.853 mW/g; SAR(10 g) = 0.644 mW/g
Maximum value of SAR (measured) = 0.984 mW/g



0 dB = 0.980mW/g

#53 CDMA2000 BC10_RETAP 4096_Back 1cm_Ch580

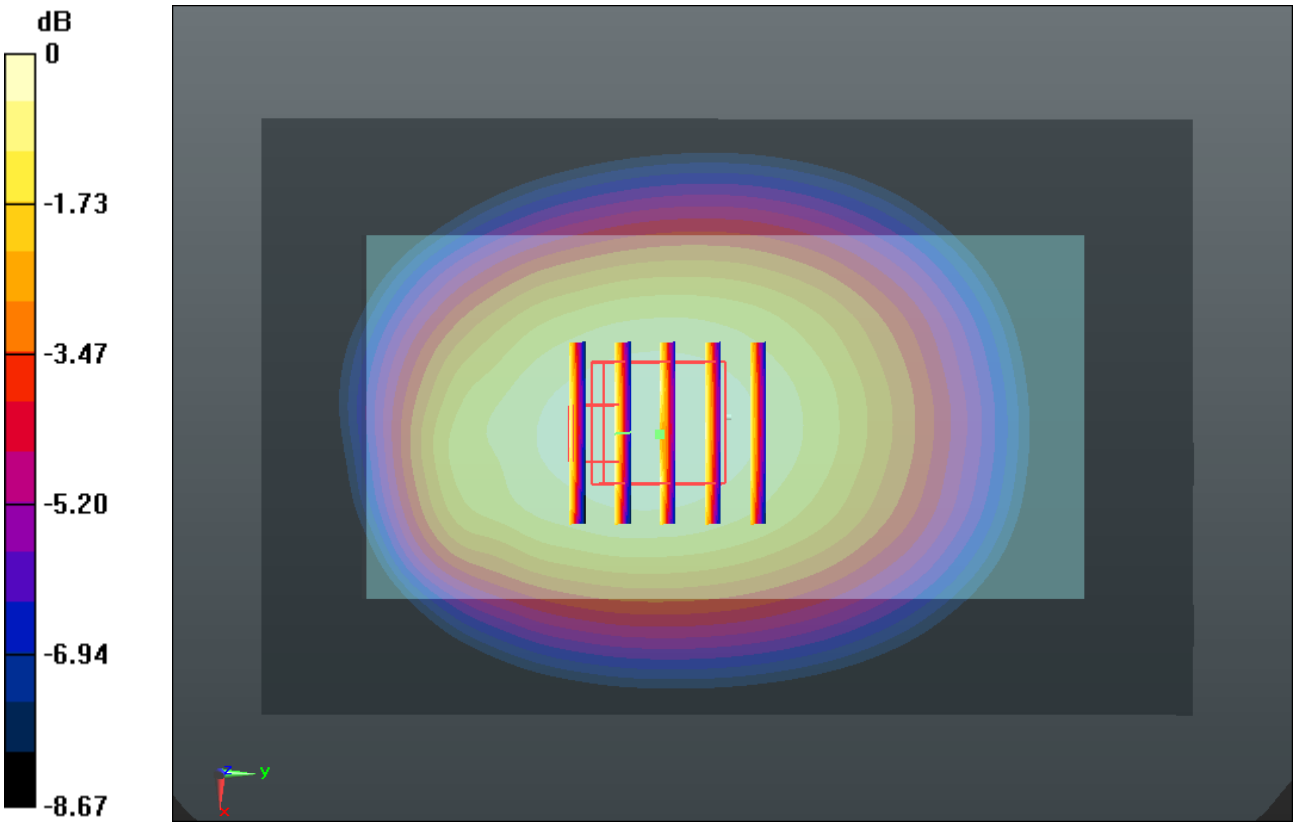
DUT: 331405

Communication System: CDMA2000; Frequency: 820.5 MHz;Duty Cycle: 1:1
Medium: MSL_835_130525 Medium parameters used: f = 820.5 MHz; σ = 0.966 mho/m; ε_r = 54.617; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch580/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.132 mW/g

Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.756 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.257 W/kg
SAR(1 g) = 0.954 mW/g; SAR(10 g) = 0.710 mW/g
Maximum value of SAR (measured) = 1.125 mW/g



0 dB = 1.130mW/g

#54 CDMA2000 BC10_RETAP 4096_Back 1cm_Ch684

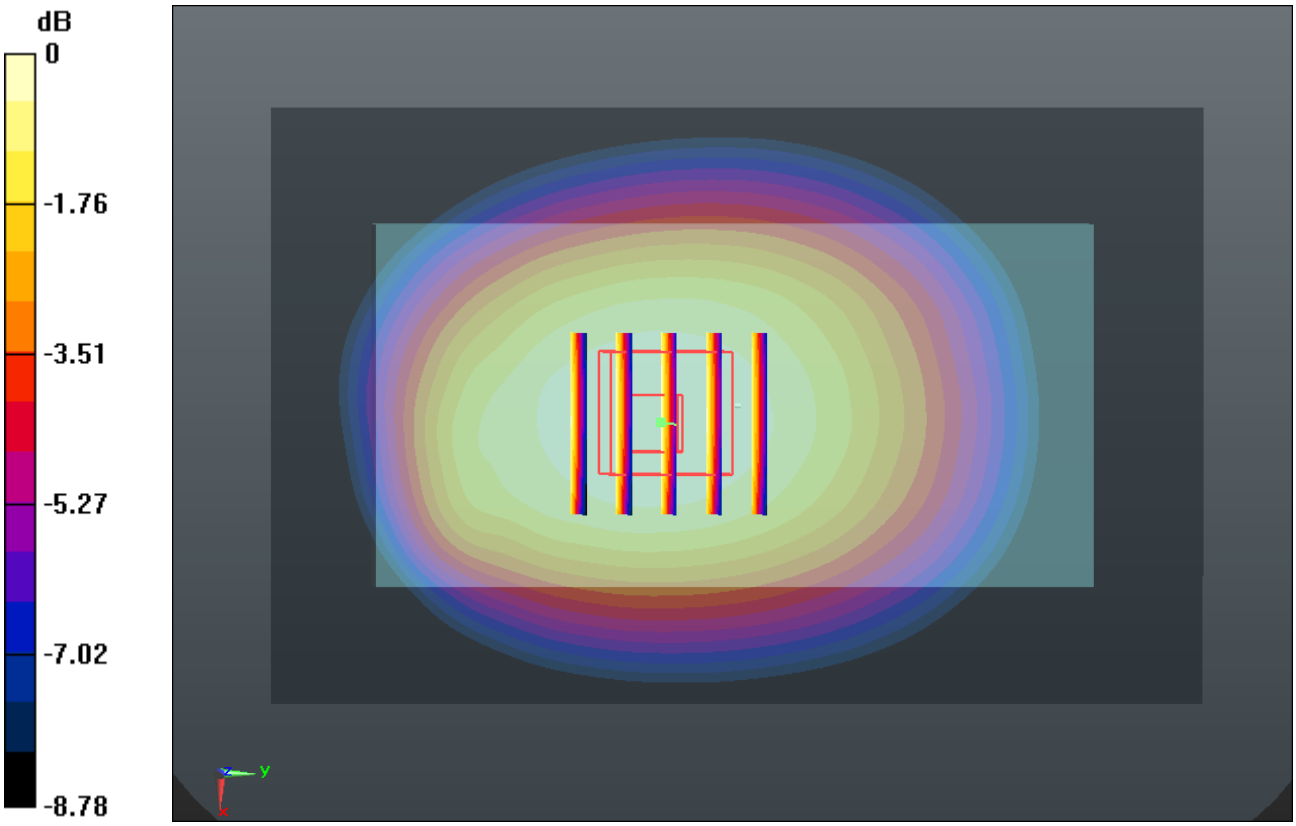
DUT: 331405

Communication System: CDMA2000; Frequency: 823.1 MHz;Duty Cycle: 1:1
Medium: MSL_835_130525 Medium parameters used: f = 823.1 MHz; σ = 0.968 mho/m; ε_r = 54.593; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch684/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.044 mW/g

Ch684/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.188 V/m; Power Drift = -0.0021 dB
Peak SAR (extrapolated) = 1.131 W/kg
SAR(1 g) = 0.890 mW/g; SAR(10 g) = 0.673 mW/g
Maximum value of SAR (measured) = 1.027 mW/g



0 dB = 1.030mW/g

#56 802.11b_1M_Fornt 1cm_Ch1

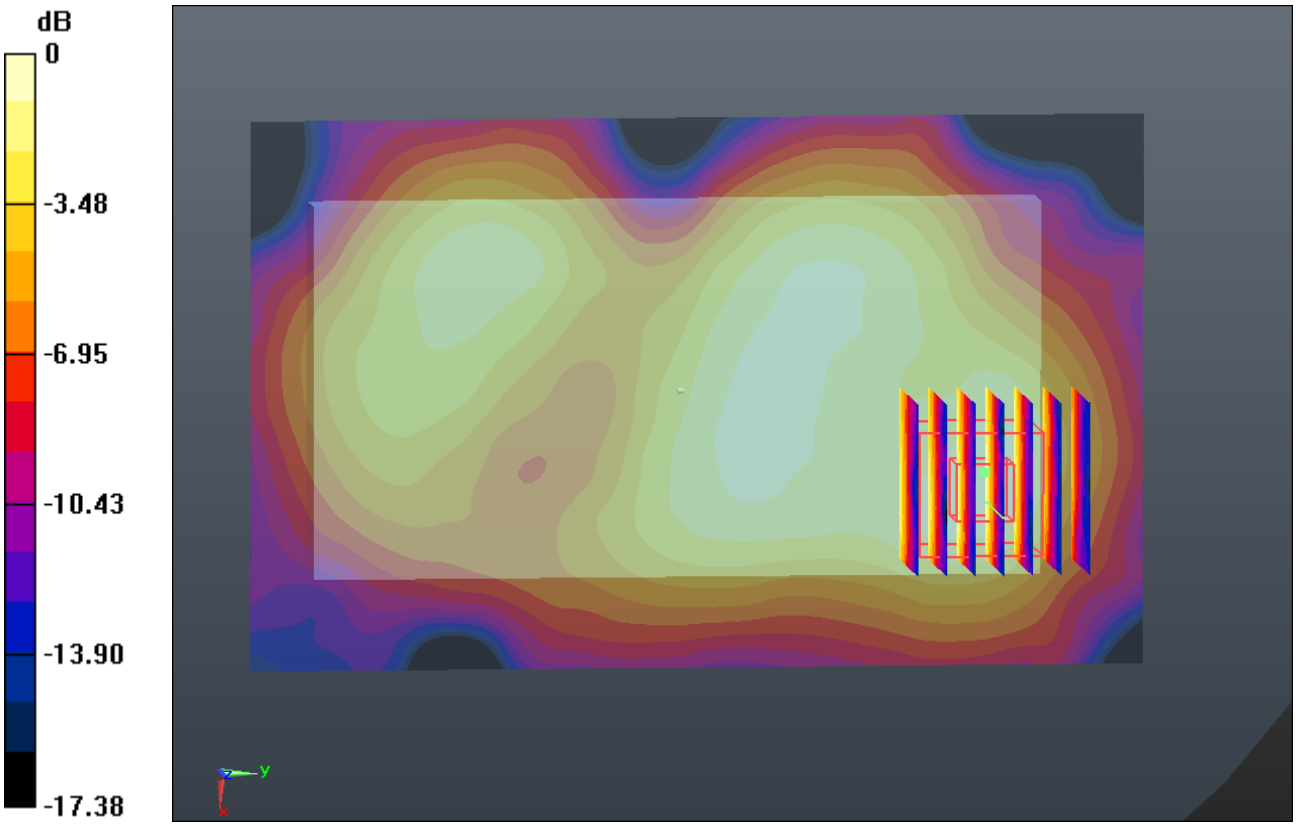
DUT: 331405

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130527 Medium parameters used: f = 2412 MHz; σ = 1.879 mho/m; ε_r = 51.45; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； 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 Sn679; Calibrated: 2013-1-16
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (81x131x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.105 mW/g

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.917 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.147 W/kg
SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.042 mW/g
Maximum value of SAR (measured) = 0.109 mW/g



0 dB = 0.110mW/g

#57 802.11b_1M_Back 1cm_Ch1

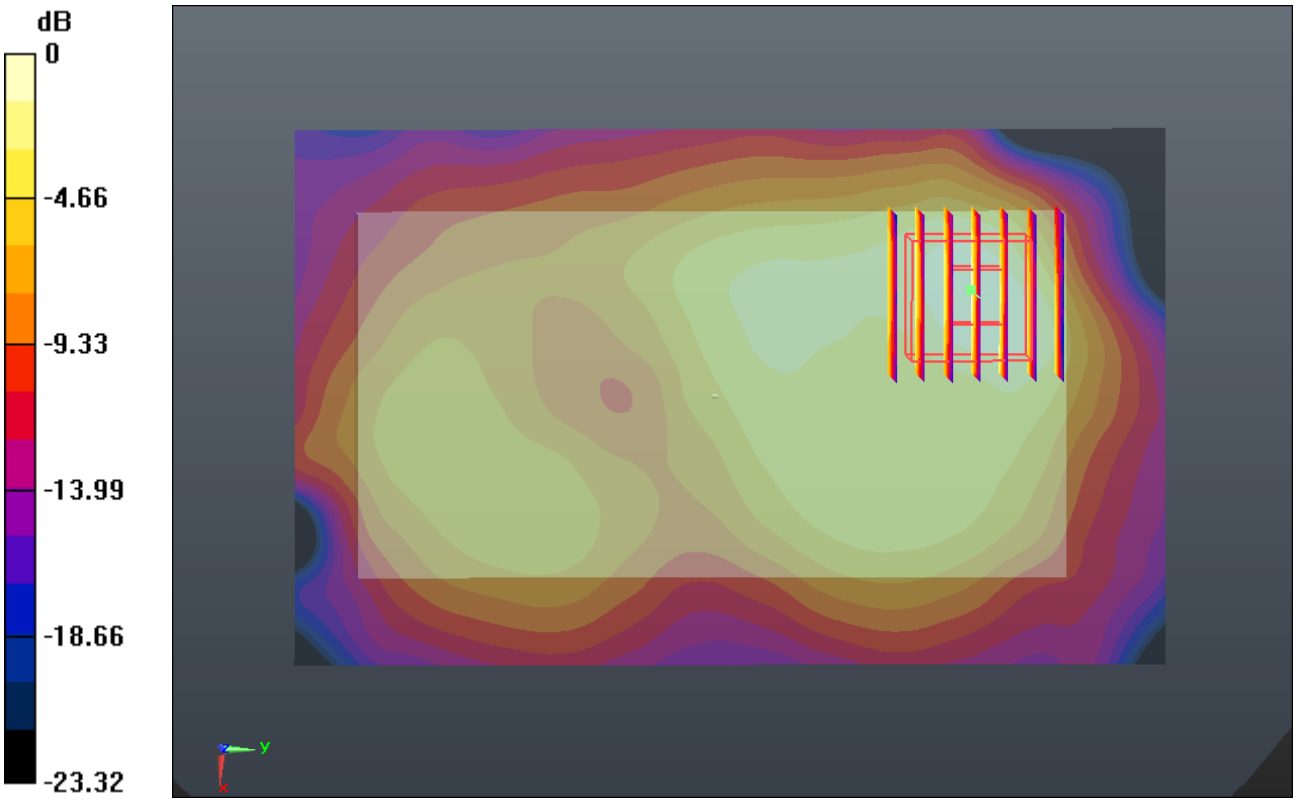
DUT: 331405

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130527 Medium parameters used: f = 2412 MHz; σ = 1.879 mho/m; ε_r = 51.45; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； 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 Sn679; Calibrated: 2013-1-16
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (81x131x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.178 mW/g

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.014 V/m; Power Drift = -0.0013 dB
Peak SAR (extrapolated) = 0.251 W/kg
SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.062 mW/g
Maximum value of SAR (measured) = 0.185 mW/g



0 dB = 0.180mW/g

#58 802.11b_1M_Right Side 1cm_Ch1

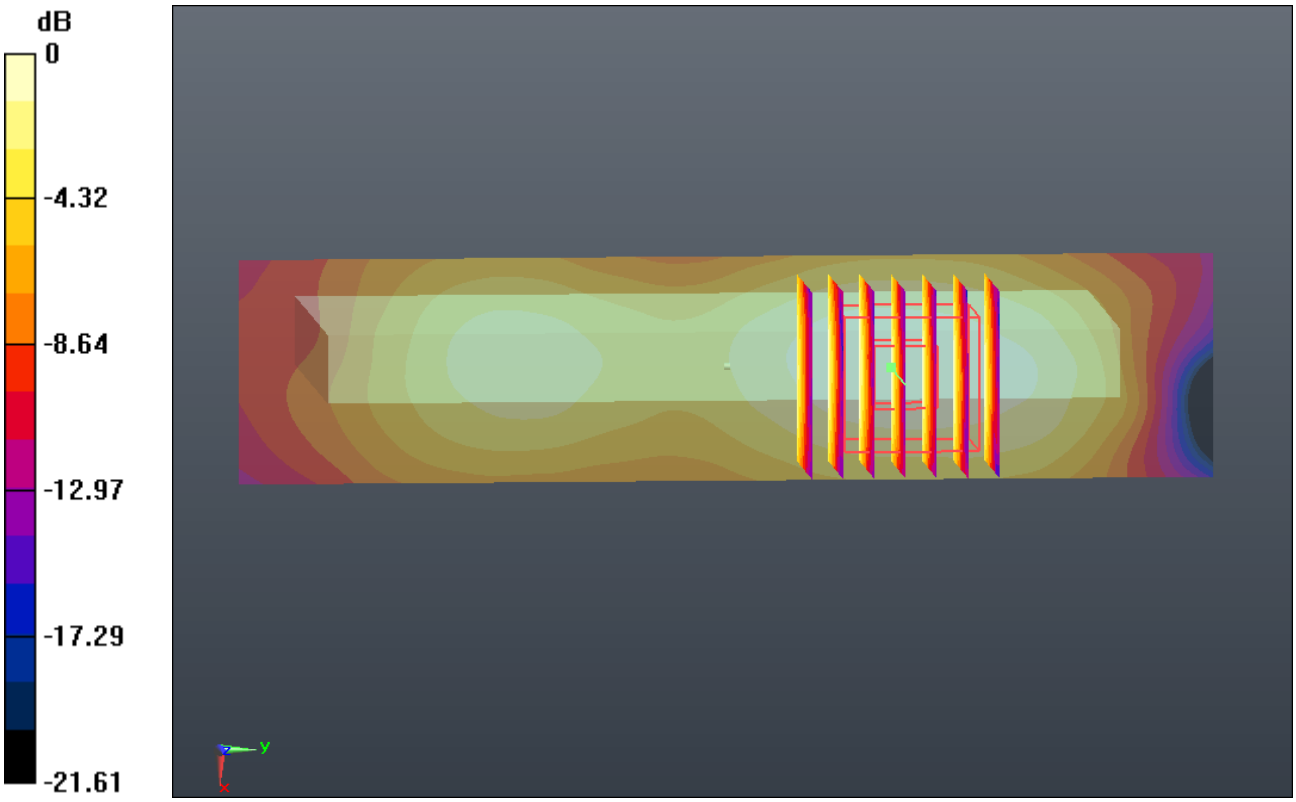
DUT: 331405

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130527 Medium parameters used: f = 2412 MHz; σ = 1.879 mho/m; ε_r = 51.45; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; 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 Sn679; Calibrated: 2013-1-16
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (31x131x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.117 mW/g

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.217 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.156 W/kg
SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.049 mW/g
Maximum value of SAR (measured) = 0.121 mW/g



0 dB = 0.120mW/g

#59 802.11b_1M_Top Side 1cm_Ch1

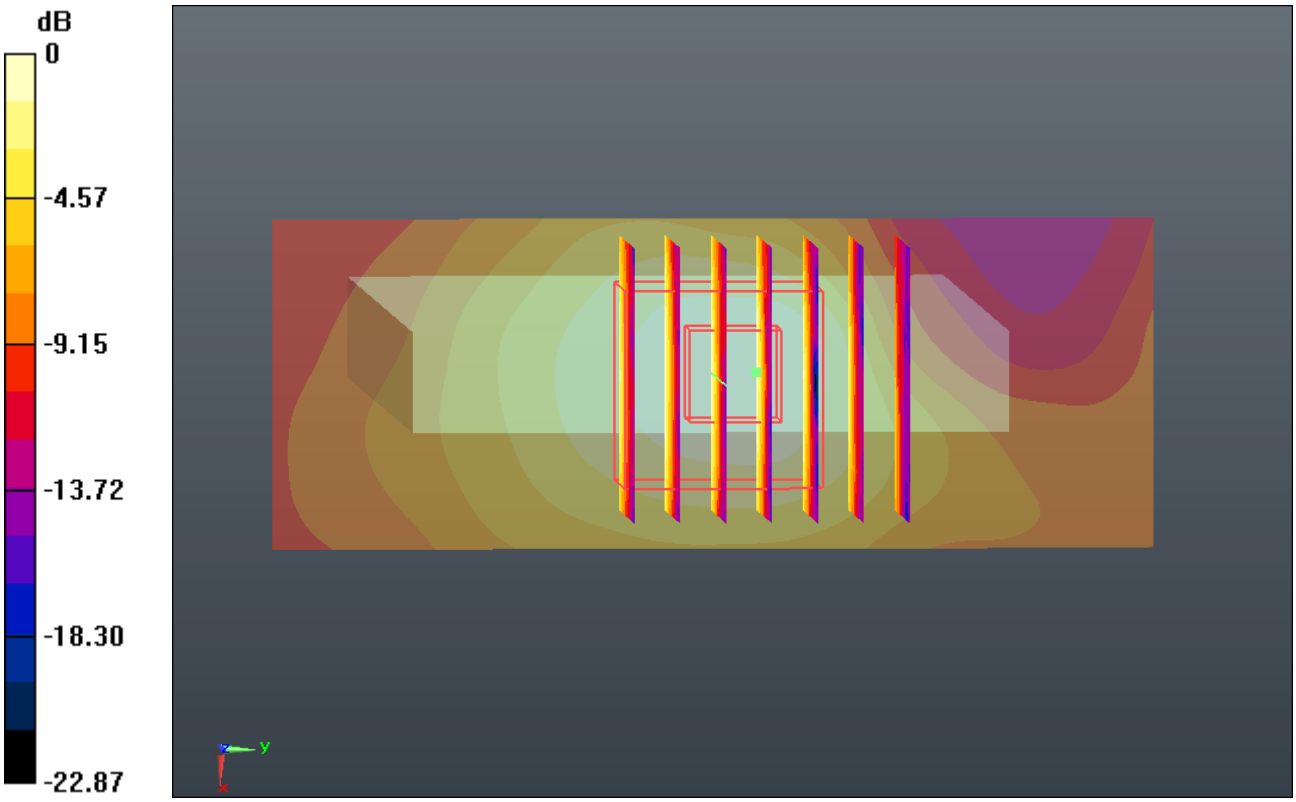
DUT: 331405

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130527 Medium parameters used: f = 2412 MHz; σ = 1.879 mho/m; ε_r = 51.45; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； 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 Sn679; Calibrated: 2013-1-16
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (31x81x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.108 mW/g

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.193 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.128 W/kg
SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.036 mW/g
Maximum value of SAR (measured) = 0.097 mW/g



0 dB = 0.100mW/g

#60 802.11b_1M_Fornt 1cm_Ch1_Headset

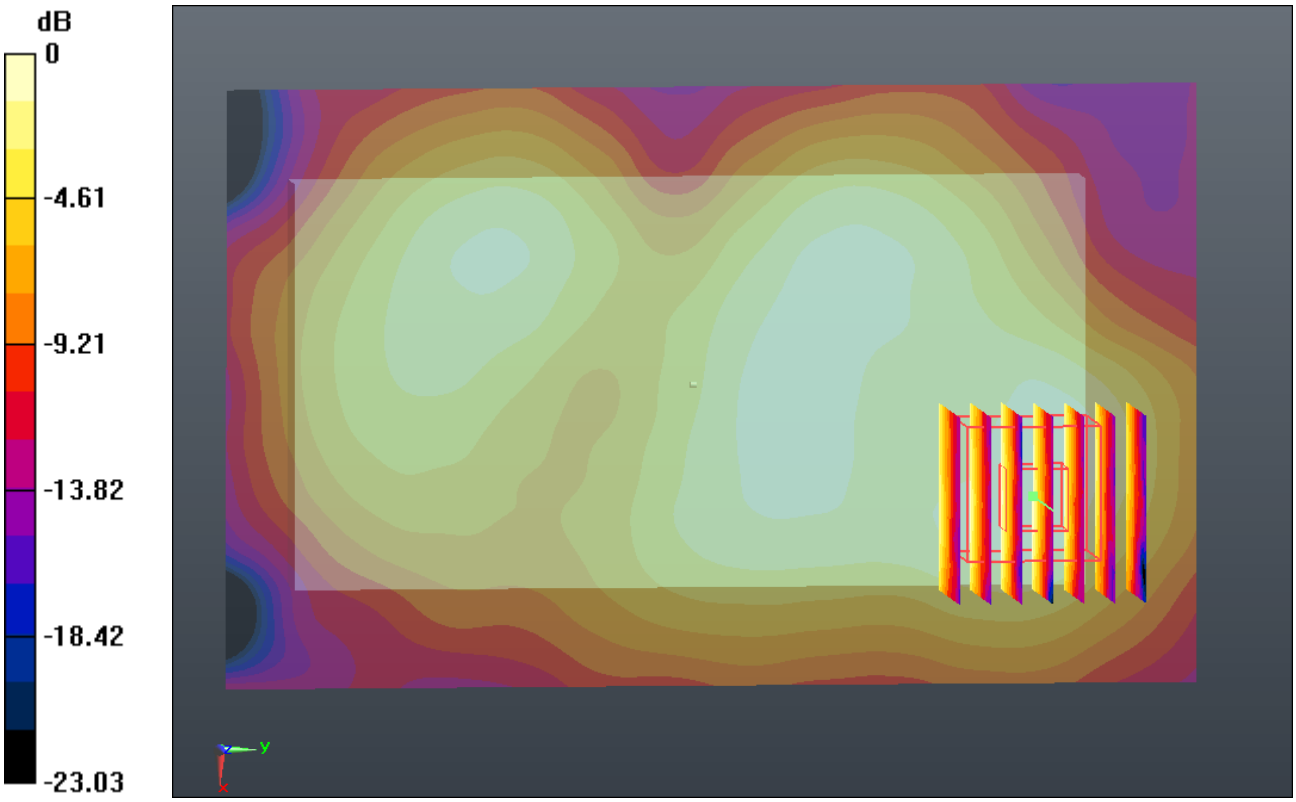
DUT: 331405

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130527 Medium parameters used: f = 2412 MHz; σ = 1.879 mho/m; ε_r = 51.45; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； 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 Sn679; Calibrated: 2013-1-16
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (81x131x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.120 mW/g

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.932 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.156 W/kg
SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.045 mW/g
Maximum value of SAR (measured) = 0.117 mW/g



0 dB = 0.120mW/g