Appendix B. Plots of SAR Measurement

The plots are shown as follows.

#01 CDMA2000 BC0_RC3 SO55_Right Check_Ch1013

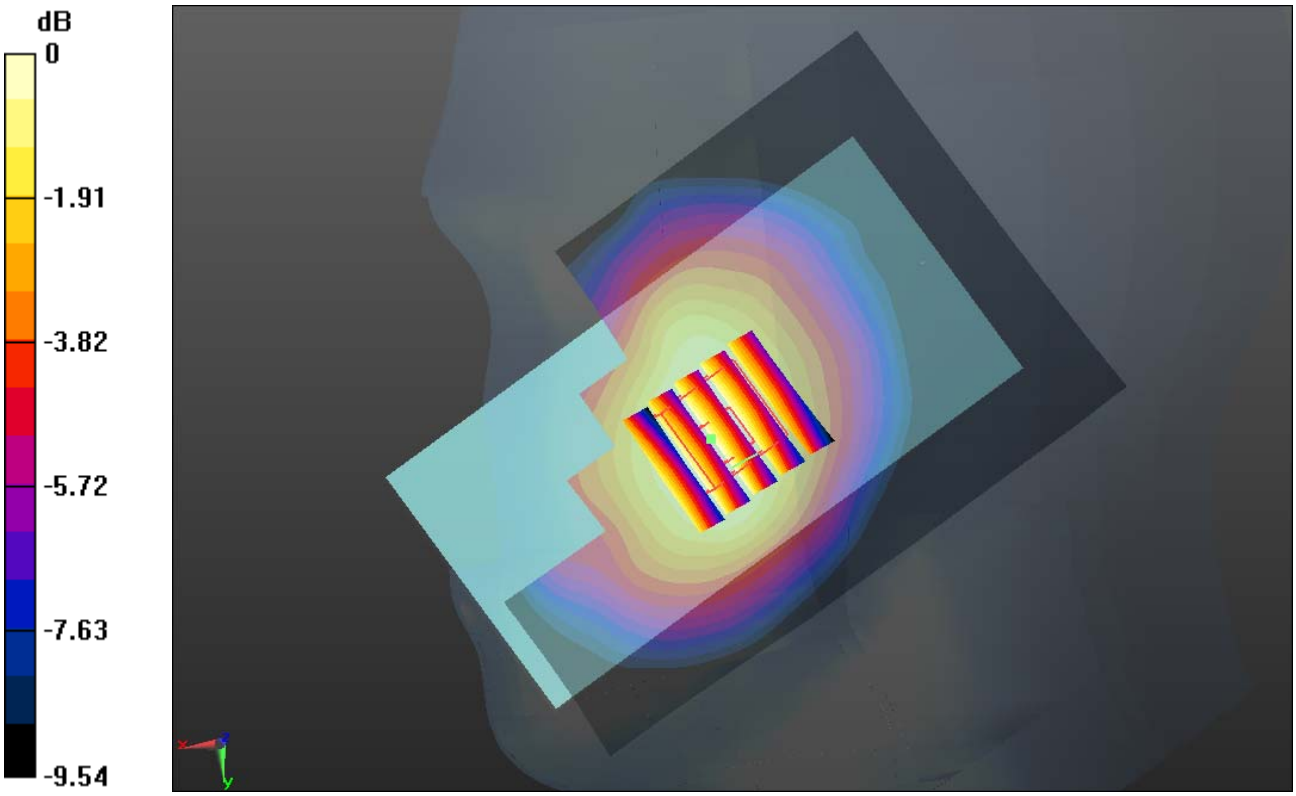
DUT: 342701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: HSL_835_130523 Medium parameters used: f = 825 MHz; σ = 0.872 mho/m; ε_r = 41; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 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)

Ch1013/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.563 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.918 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.615 W/kg
SAR(1 g) = 0.488 mW/g; SAR(10 g) = 0.368 mW/g
Maximum value of SAR (measured) = 0.553 mW/g



0 dB = 0.550mW/g

#02 CDMA2000 BC0_RC3 SO55_Right Tilted_Ch1013

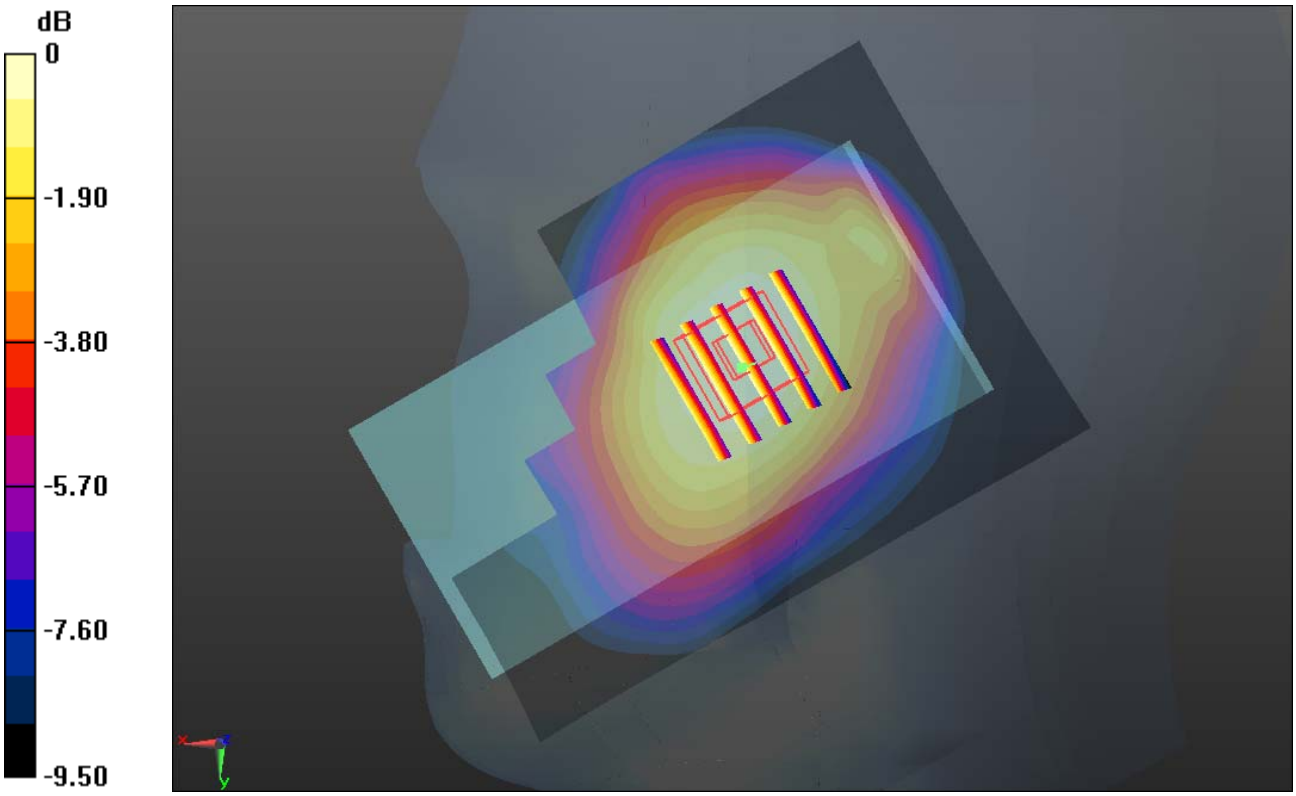
DUT: 342701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: HSL_835_130523 Medium parameters used: f = 825 MHz; σ = 0.872 mho/m; ε_r = 41; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 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)

Ch1013/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.364 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.020 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.390 W/kg
SAR(1 g) = 0.320 mW/g; SAR(10 g) = 0.246 mW/g
Maximum value of SAR (measured) = 0.357 mW/g



0 dB = 0.360mW/g

#03 CDMA2000 BC0_RC3 SO55_Left Check_Ch1013

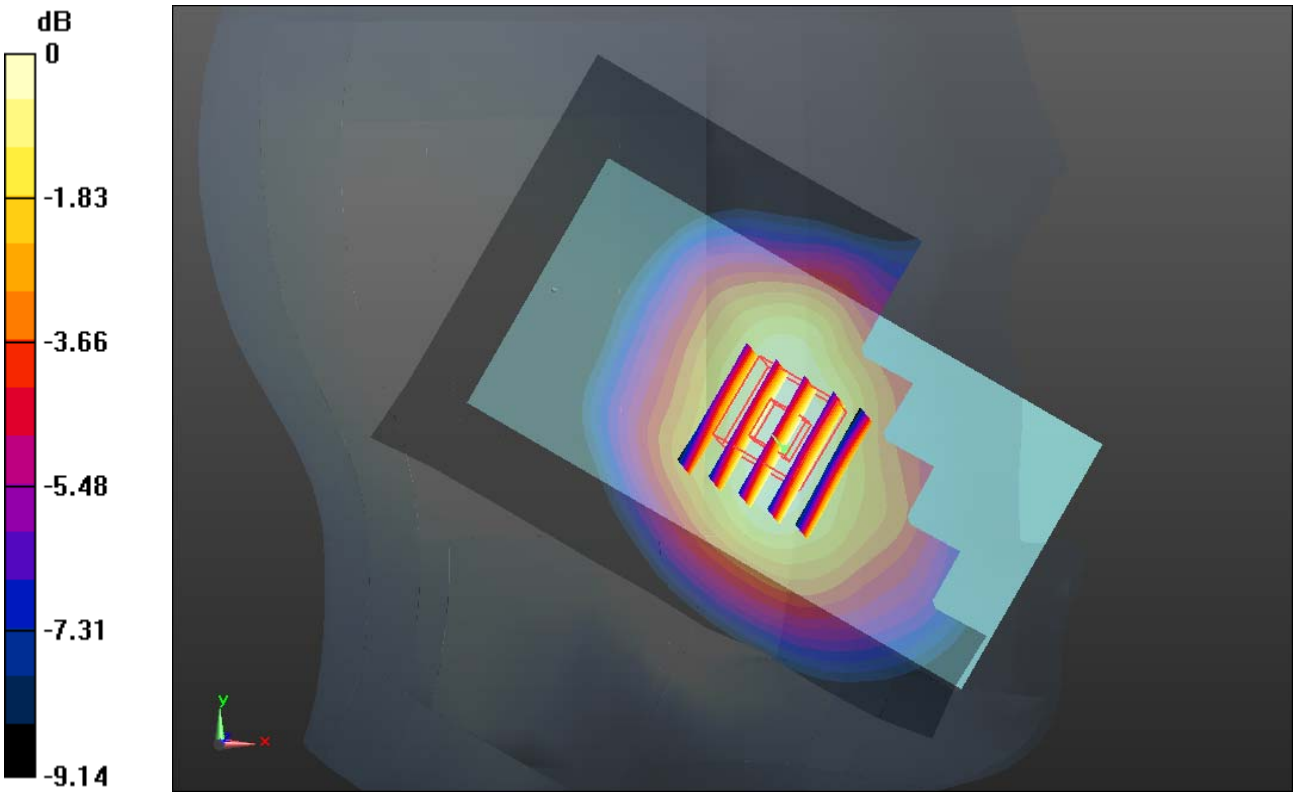
DUT: 342701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: HSL_835_130523 Medium parameters used: f = 825 MHz; σ = 0.872 mho/m; ε_r = 41; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 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)

Ch1013/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.531 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.701 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.584 W/kg
SAR(1 g) = 0.475 mW/g; SAR(10 g) = 0.359 mW/g
Maximum value of SAR (measured) = 0.539 mW/g



0 dB = 0.540mW/g

#04 CDMA2000 BC0_RC3 SO55_Left Tilted_Ch1013

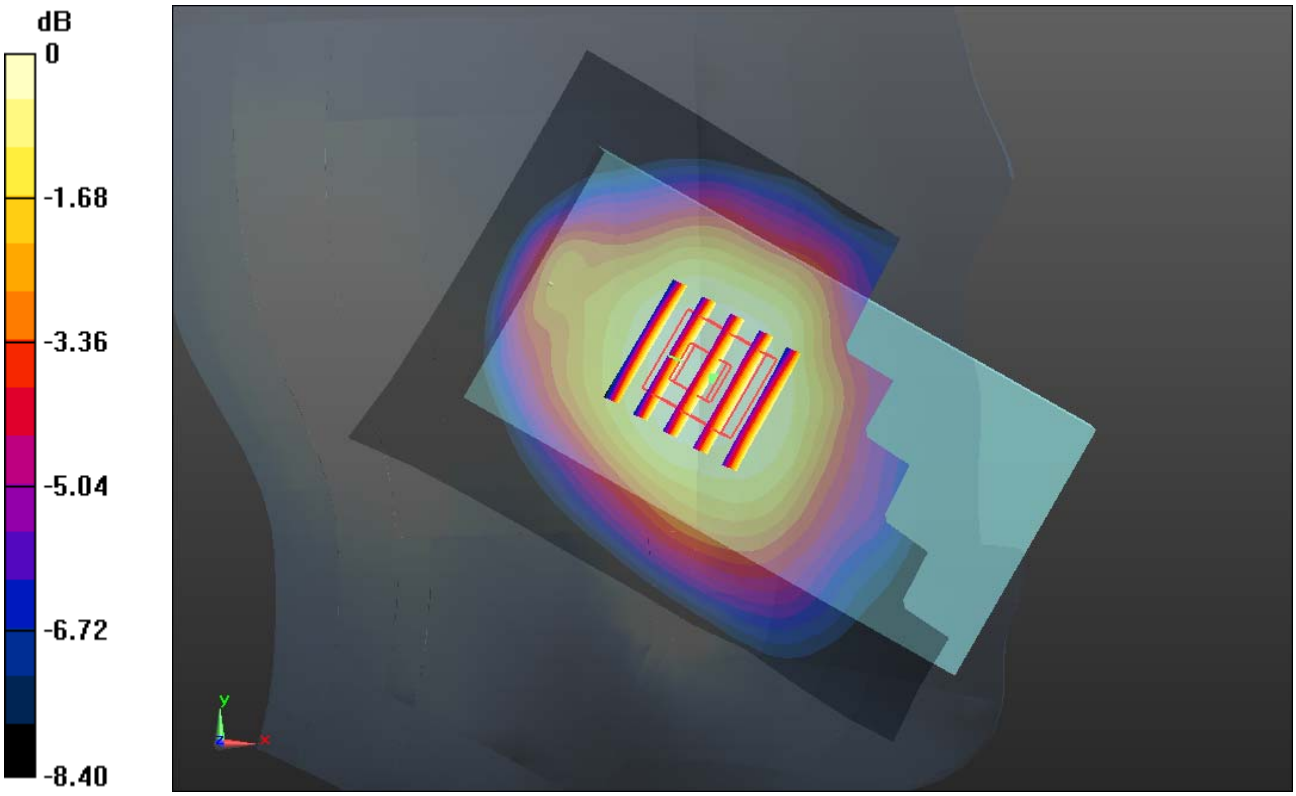
DUT: 342701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: HSL_835_130523 Medium parameters used: f = 825 MHz; σ = 0.872 mho/m; ε_r = 41; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 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)

Ch1013/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.332 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.591 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.354 W/kg
SAR(1 g) = 0.293 mW/g; SAR(10 g) = 0.231 mW/g
Maximum value of SAR (measured) = 0.329 mW/g



0 dB = 0.330mW/g

#05 CDMA2000 BC0_RETAP 4096_Right Check_Ch1013

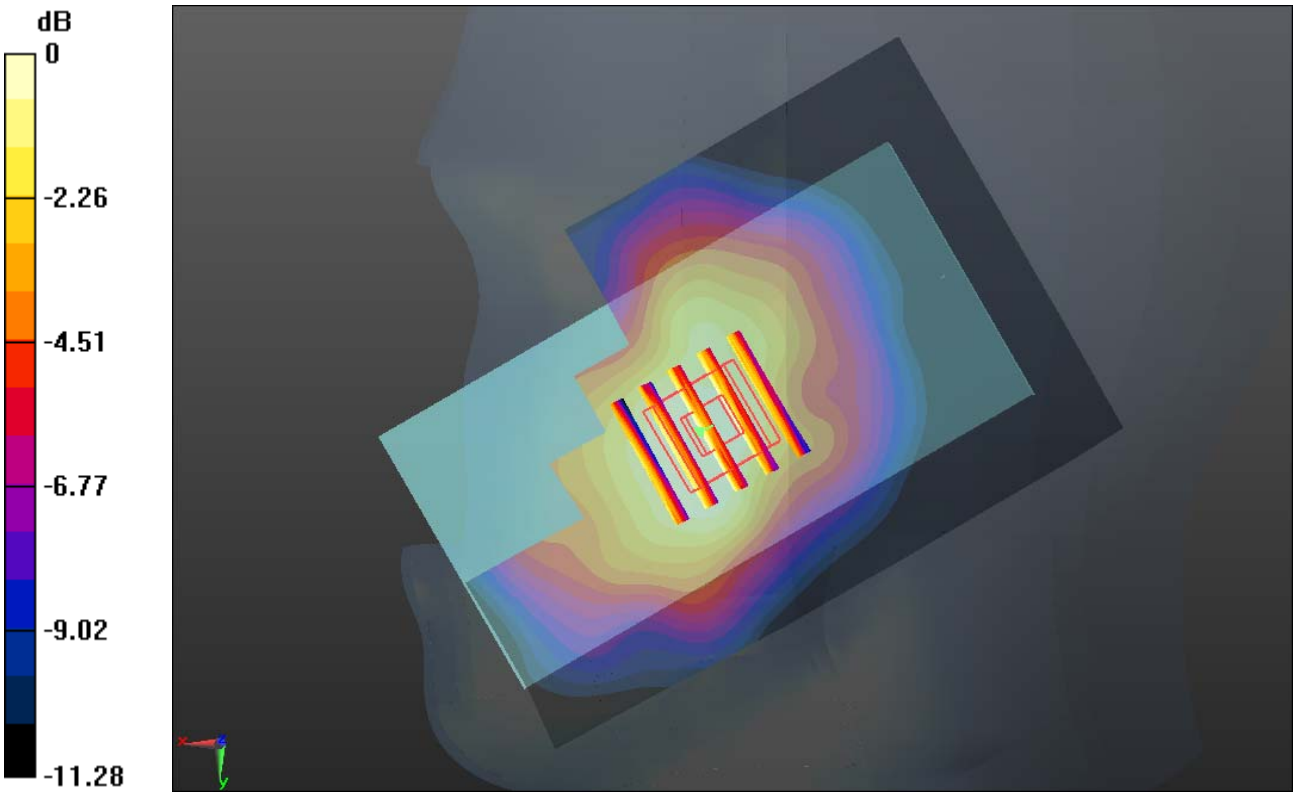
DUT: 342701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: HSL_835_130523 Medium parameters used: f = 825 MHz; σ = 0.872 mho/m; ε_r = 41; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 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)

Ch1013/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.559 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.127 V/m; Power Drift = 0.0079 dB
Peak SAR (extrapolated) = 0.588 W/kg
SAR(1 g) = 0.484 mW/g; SAR(10 g) = 0.336 mW/g
Maximum value of SAR (measured) = 0.545 mW/g



0 dB = 0.540mW/g

#06 CDMA2000 BC1_RC3 SO55_Right Check_Ch600

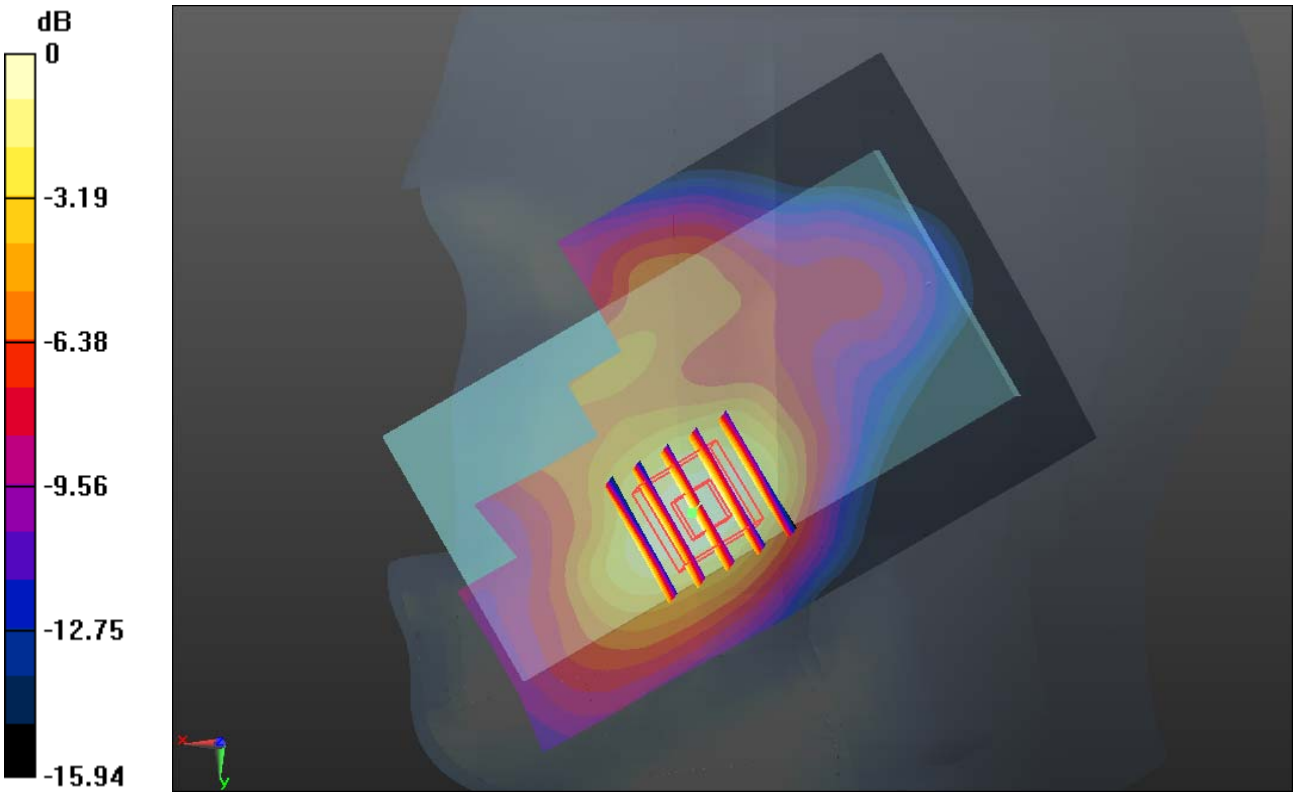
DUT: 342701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130523 Medium parameters used: f = 1880 MHz; σ = 1.402 mho/m; ε_r = 39.098; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

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: 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) = 0.636 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.738 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.706 W/kg
SAR(1 g) = 0.472 mW/g; SAR(10 g) = 0.292 mW/g
Maximum value of SAR (measured) = 0.593 mW/g



0 dB = 0.590mW/g

#07 CDMA2000 BC1_RC3 SO55_Right Tilted_Ch600

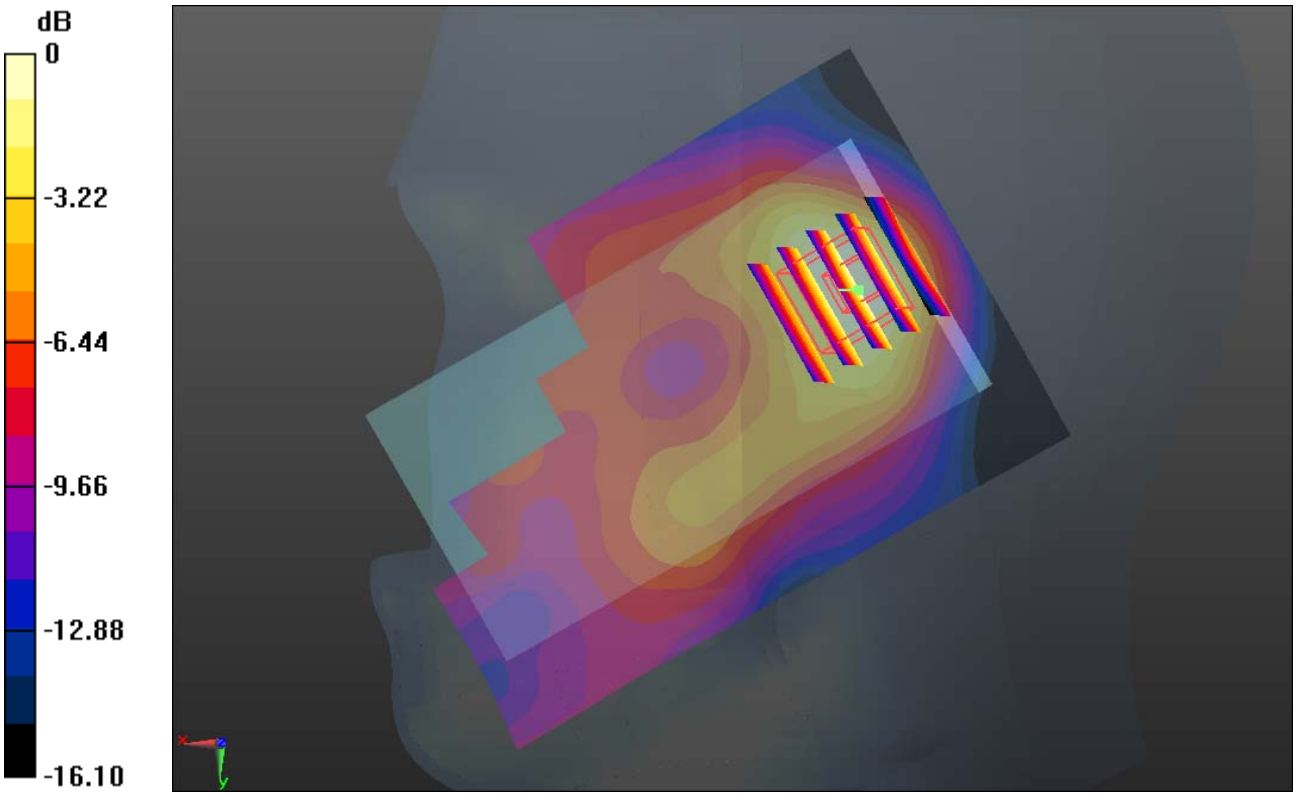
DUT: 342701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130523 Medium parameters used: f = 1880 MHz; σ = 1.402 mho/m; ε_r = 39.098; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

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: 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) = 0.235 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.440 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.281 W/kg
SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.104 mW/g
Maximum value of SAR (measured) = 0.234 mW/g



0 dB = 0.230mW/g

#08 CDMA2000 BC1_RC3 SO55_Left Check_Ch600

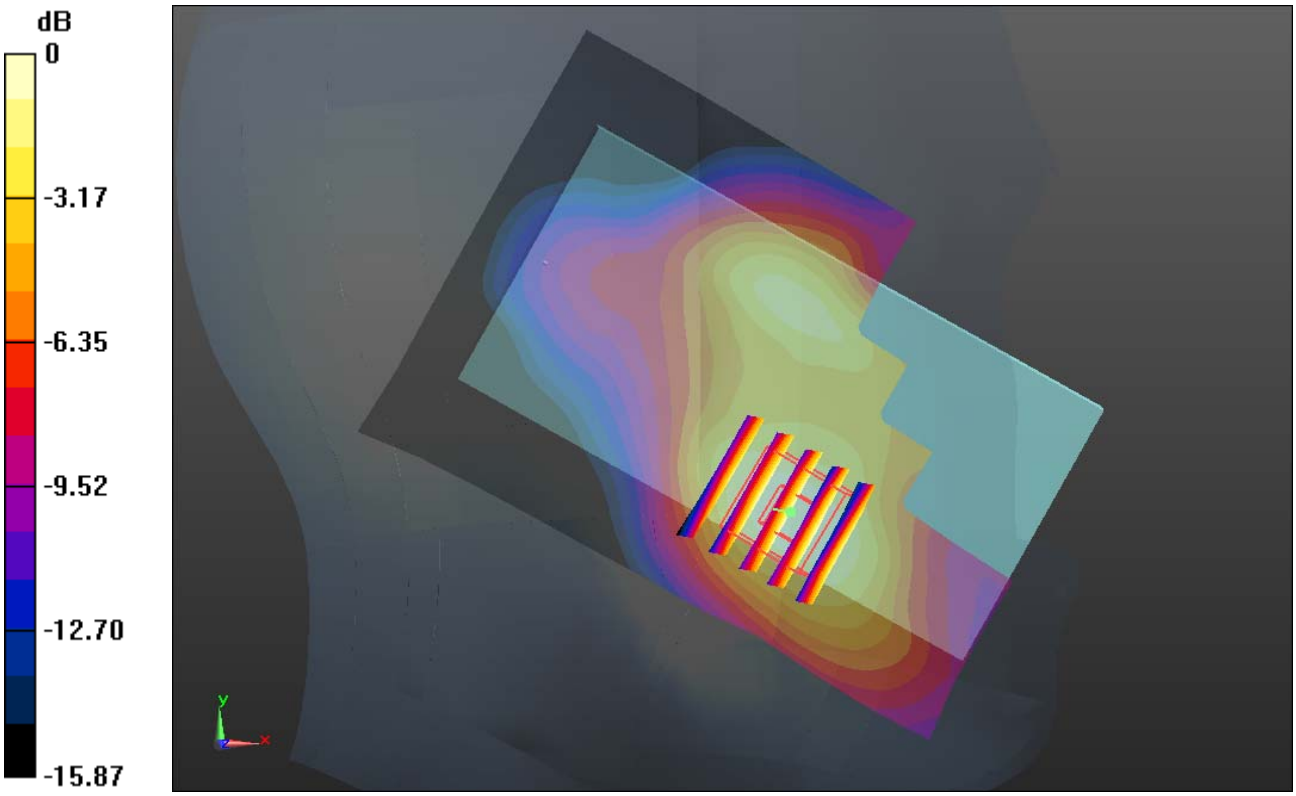
DUT: 342701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130523 Medium parameters used: f = 1880 MHz; σ = 1.402 mho/m; ε_r = 39.098; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

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: 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) = 0.503 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.317 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.591 W/kg
SAR(1 g) = 0.386 mW/g; SAR(10 g) = 0.239 mW/g
Maximum value of SAR (measured) = 0.491 mW/g



0 dB = 0.490mW/g

#09 CDMA2000 BC1_RC3 SO55_Left Tilted_Ch600

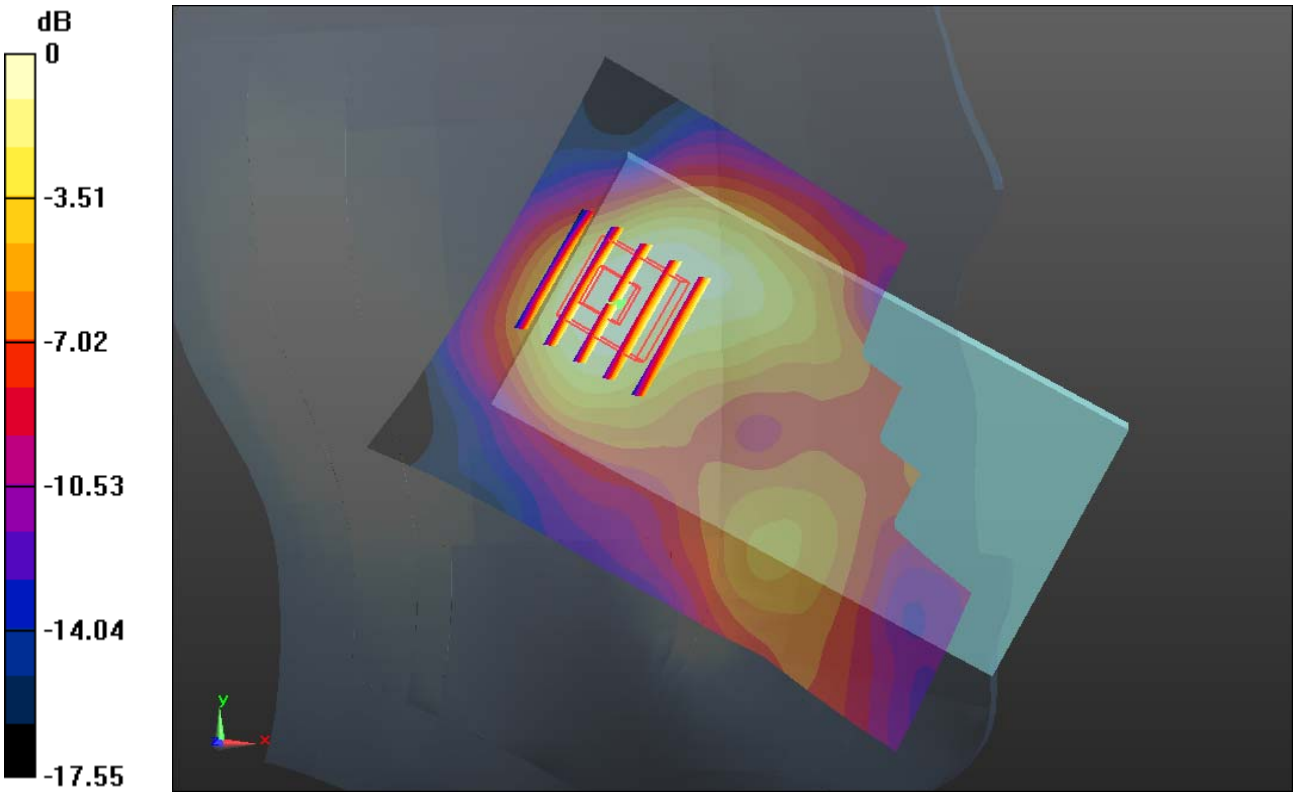
DUT: 342701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130523 Medium parameters used: f = 1880 MHz; σ = 1.402 mho/m; ε_r = 39.098; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

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: 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) = 0.218 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.805 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.255 W/kg
SAR(1 g) = 0.164 mW/g; SAR(10 g) = 0.099 mW/g
Maximum value of SAR (measured) = 0.203 mW/g



0 dB = 0.200mW/g

#10 CDMA2000 BC0_RETAP 4096_Right Check_Ch600

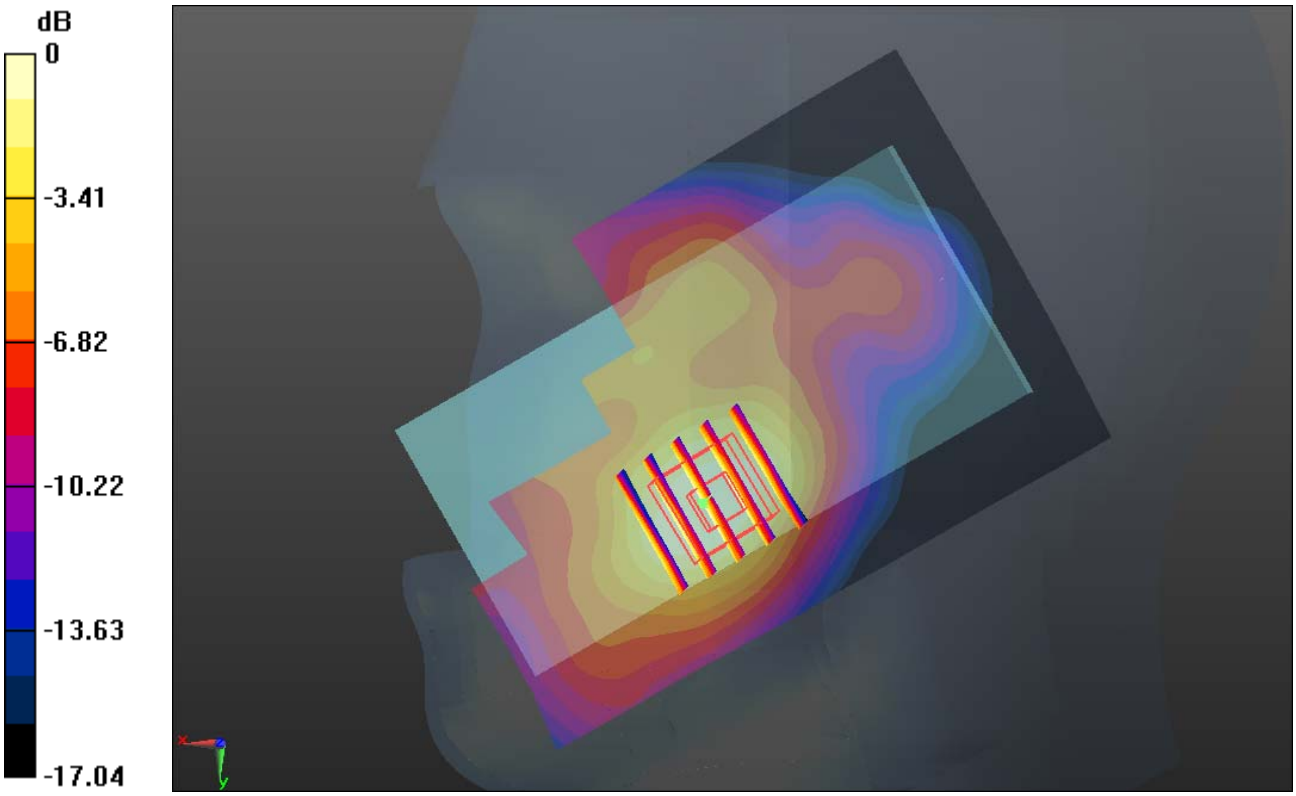
DUT: 342701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130523 Medium parameters used: f = 1880 MHz; σ = 1.402 mho/m; ε_r = 39.098; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

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: 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) = 0.568 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.488 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.635 W/kg
SAR(1 g) = 0.417 mW/g; SAR(10 g) = 0.246 mW/g
Maximum value of SAR (measured) = 0.520 mW/g



0 dB = 0.520mW/g

#11 LTE Band 13_10M_QPSK 1RB 0offset_Right Check_Ch23230

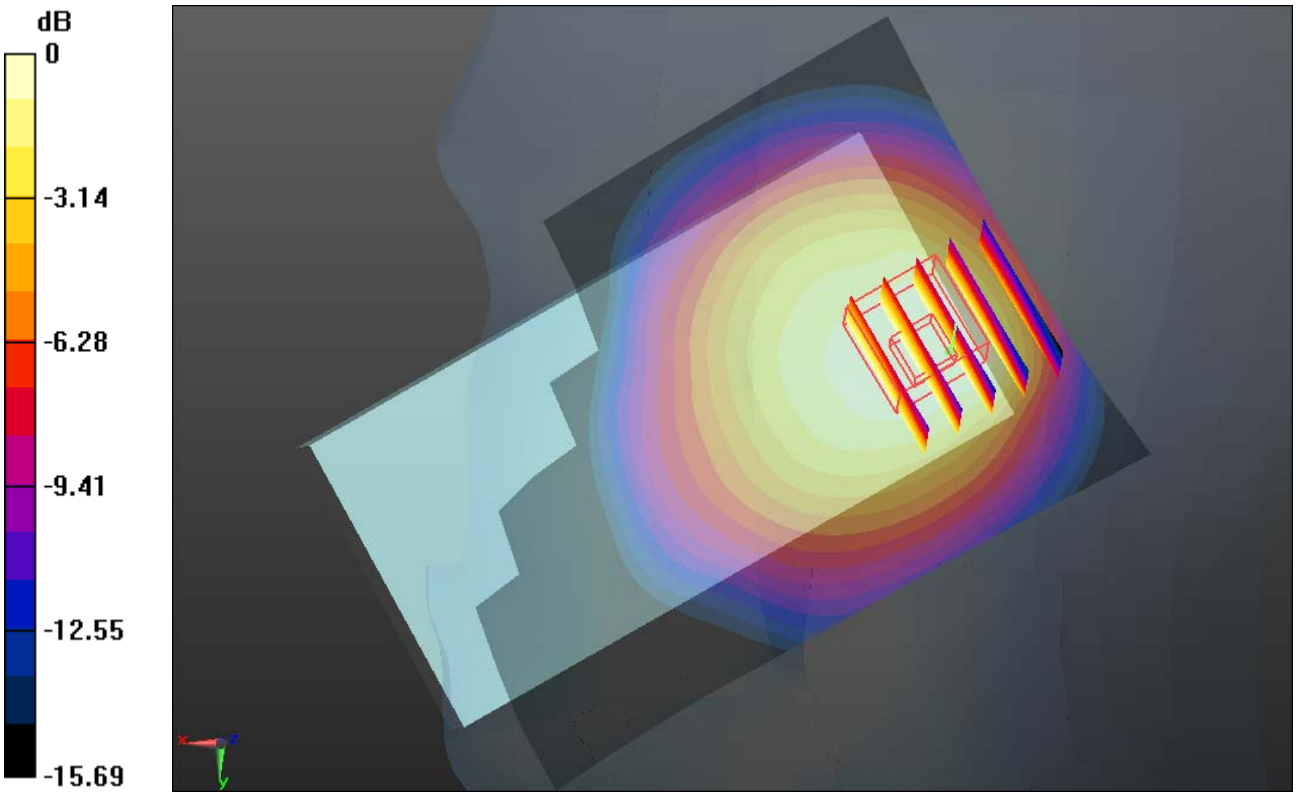
DUT: 342701

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_130521 Medium parameters used: f = 782 MHz; σ = 0.914 mho/m; ε_r = 40.272; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.25, 9.25, 9.25); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.267 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.057 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.442 W/kg
SAR(1 g) = 0.947 mW/g; SAR(10 g) = 0.652 mW/g
Maximum value of SAR (measured) = 1.165 mW/g



0 dB = 1.170mW/g

#12 LTE Band 13_10M_QPSK 1RB 0offset_Right Tilted_Ch23230

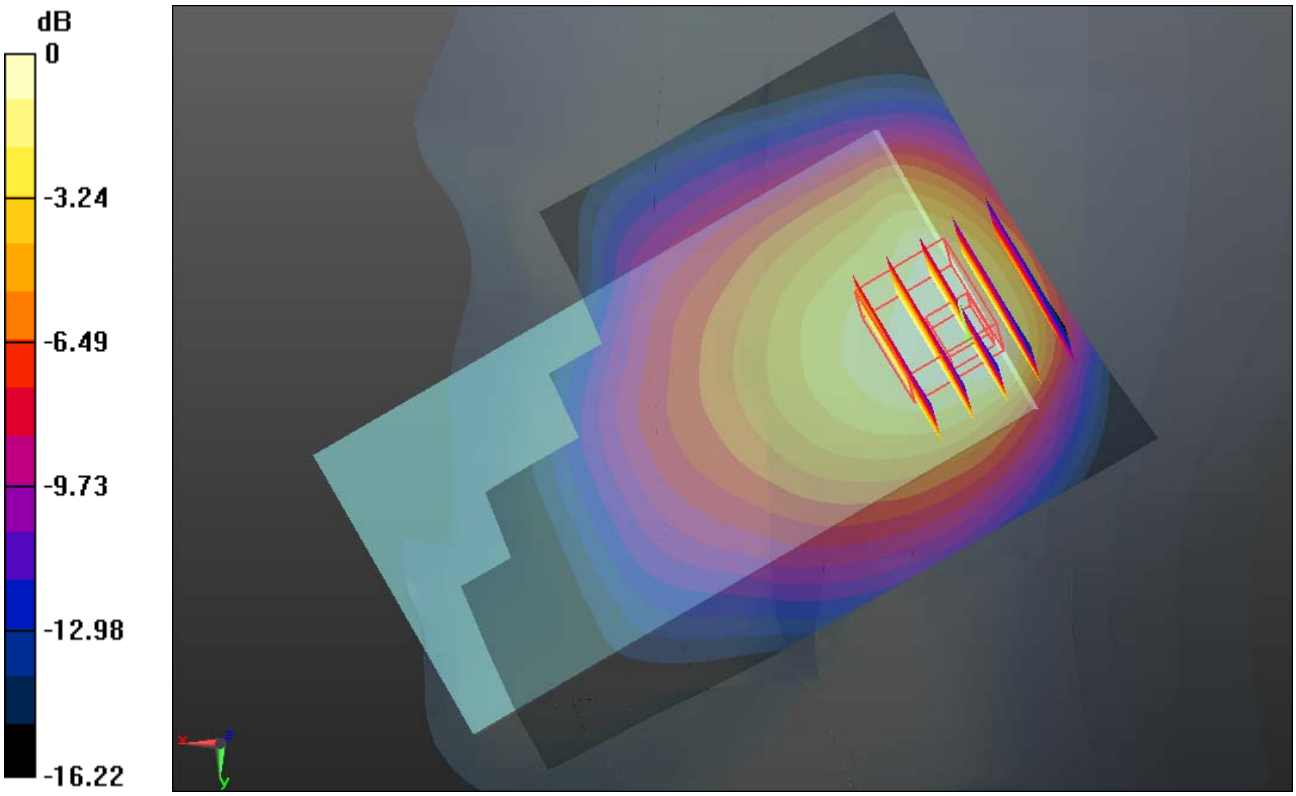
DUT: 342701

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_130521 Medium parameters used: f = 782 MHz; σ = 0.914 mho/m; ε_r = 40.272; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.25, 9.25, 9.25); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.073 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.513 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.269 W/kg
SAR(1 g) = 0.746 mW/g; SAR(10 g) = 0.492 mW/g
Maximum value of SAR (measured) = 0.983 mW/g



0 dB = 0.980mW/g

#13 LTE Band 13_10M_QPSK 1RB 0offset_Left Cheek_Ch23230

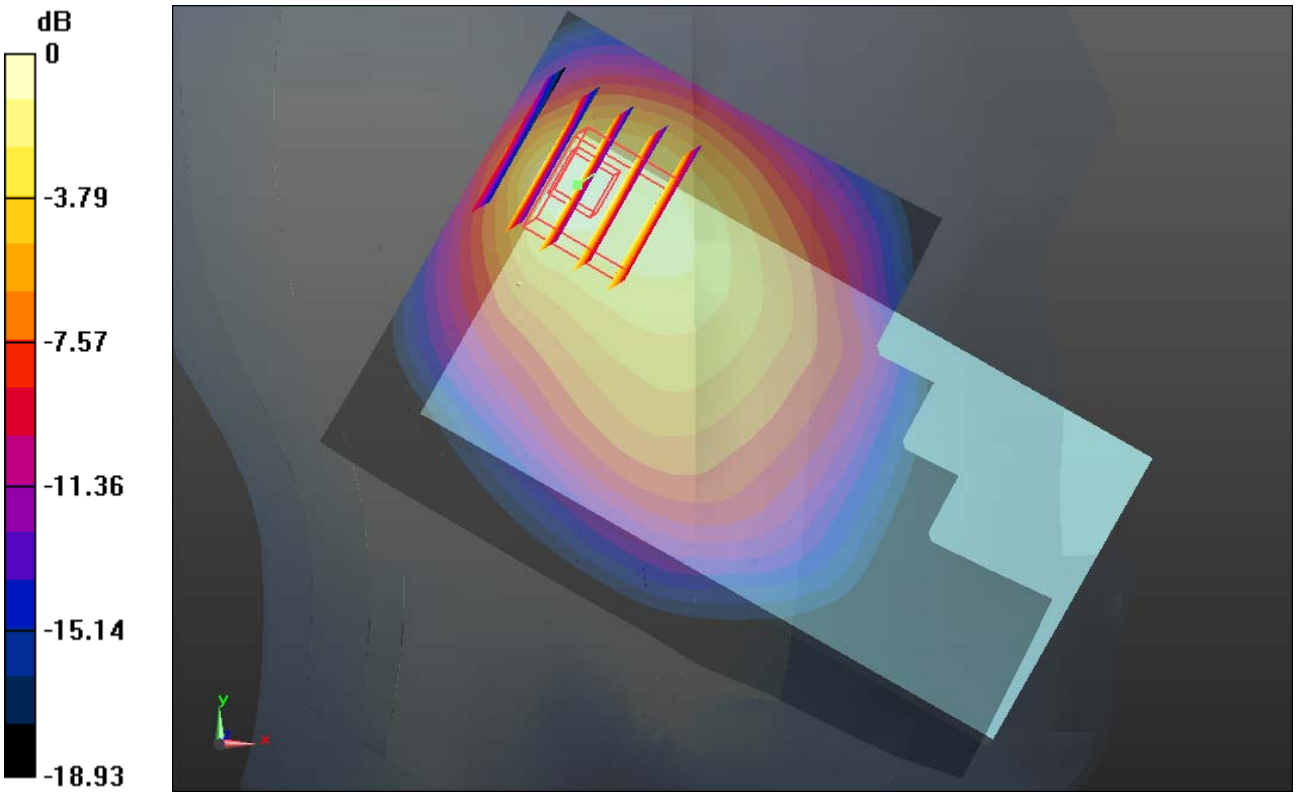
DUT: 342701

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_130521 Medium parameters used: f = 782 MHz; σ = 0.914 mho/m; ε_r = 40.272; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.25, 9.25, 9.25); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.296 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.555 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.937 W/kg
SAR(1 g) = 1.330 mW/g; SAR(10 g) = 0.767 mW/g
Maximum value of SAR (measured) = 1.970 mW/g



0 dB = 1.970mW/g

#14 LTE Band 13_10M_QPSK 1RB 0offset_Left Cheek_Ch23230_Repeat SAR

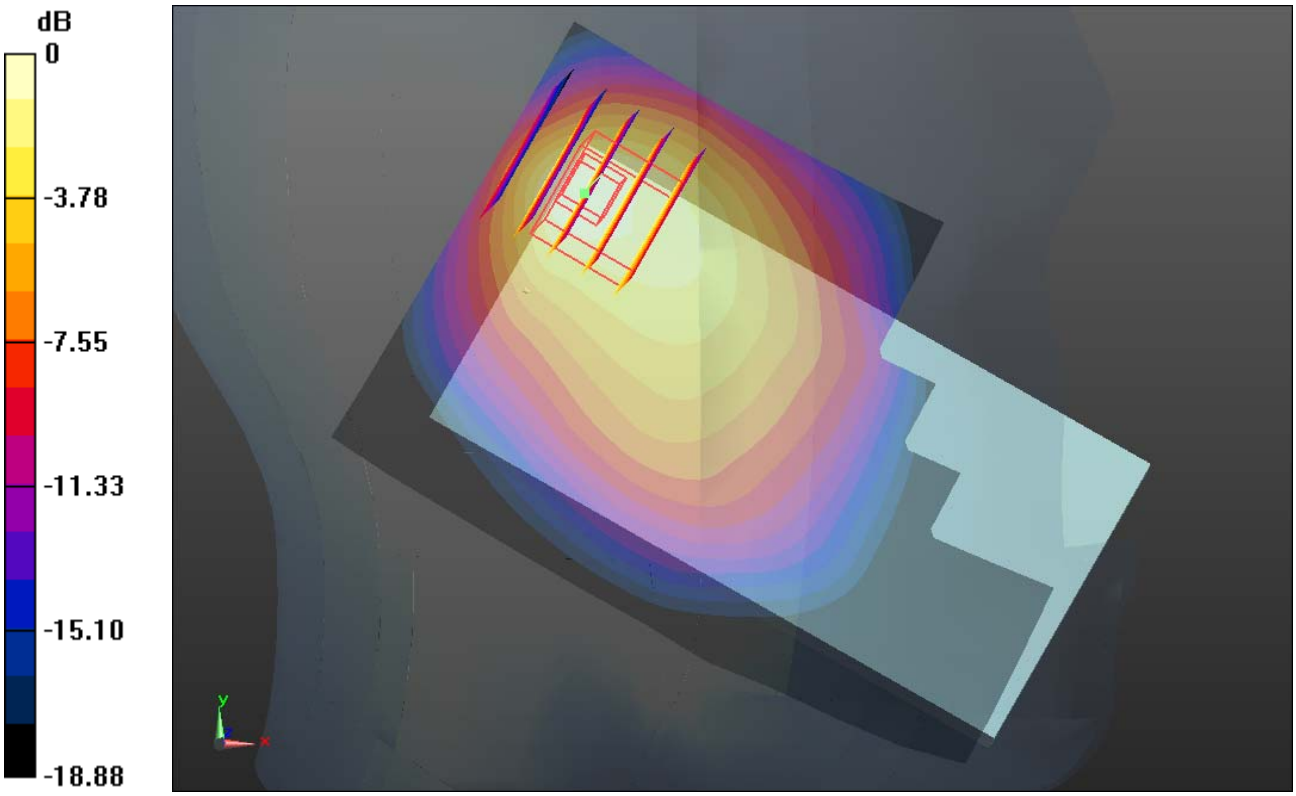
DUT: 342701

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_130521 Medium parameters used: f = 782 MHz; σ = 0.914 mho/m; ε_r = 40.272; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.25, 9.25, 9.25); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.268 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.341 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.866 W/kg
SAR(1 g) = 1.300 mW/g; SAR(10 g) = 0.753 mW/g
Maximum value of SAR (measured) = 1.900 mW/g



0 dB = 1.900mW/g

#15 LTE Band 13_10M_QPSK 1RB 0offset_Left Tilted_Ch23230

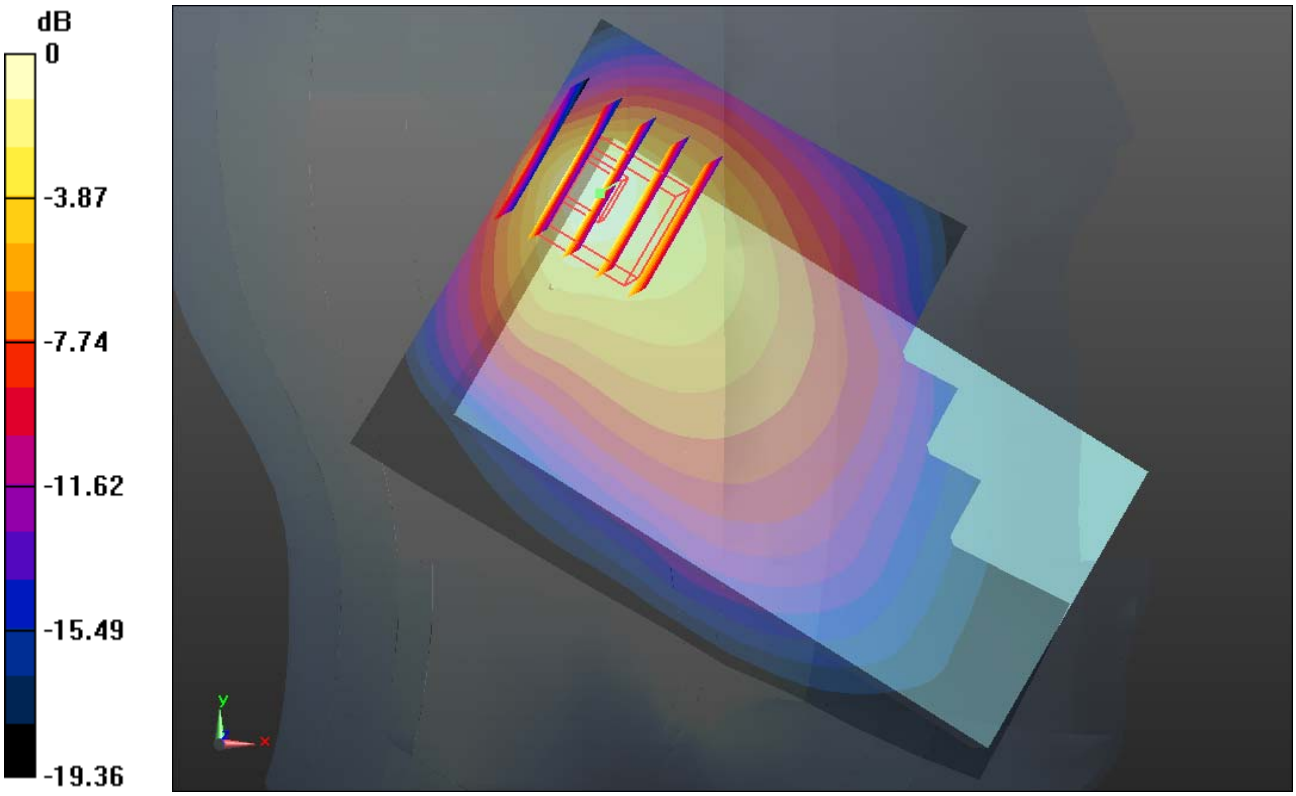
DUT: 342701

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_130521 Medium parameters used: f = 782 MHz; σ = 0.914 mho/m; ε_r = 40.272; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.25, 9.25, 9.25); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.080 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.257 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.667 W/kg
SAR(1 g) = 1.080 mW/g; SAR(10 g) = 0.575 mW/g
Maximum value of SAR (measured) = 1.609 mW/g



0 dB = 1.610mW/g

#16 LTE Band 13_10M_QPSK 25RB 0offset_Right Check_Ch23230

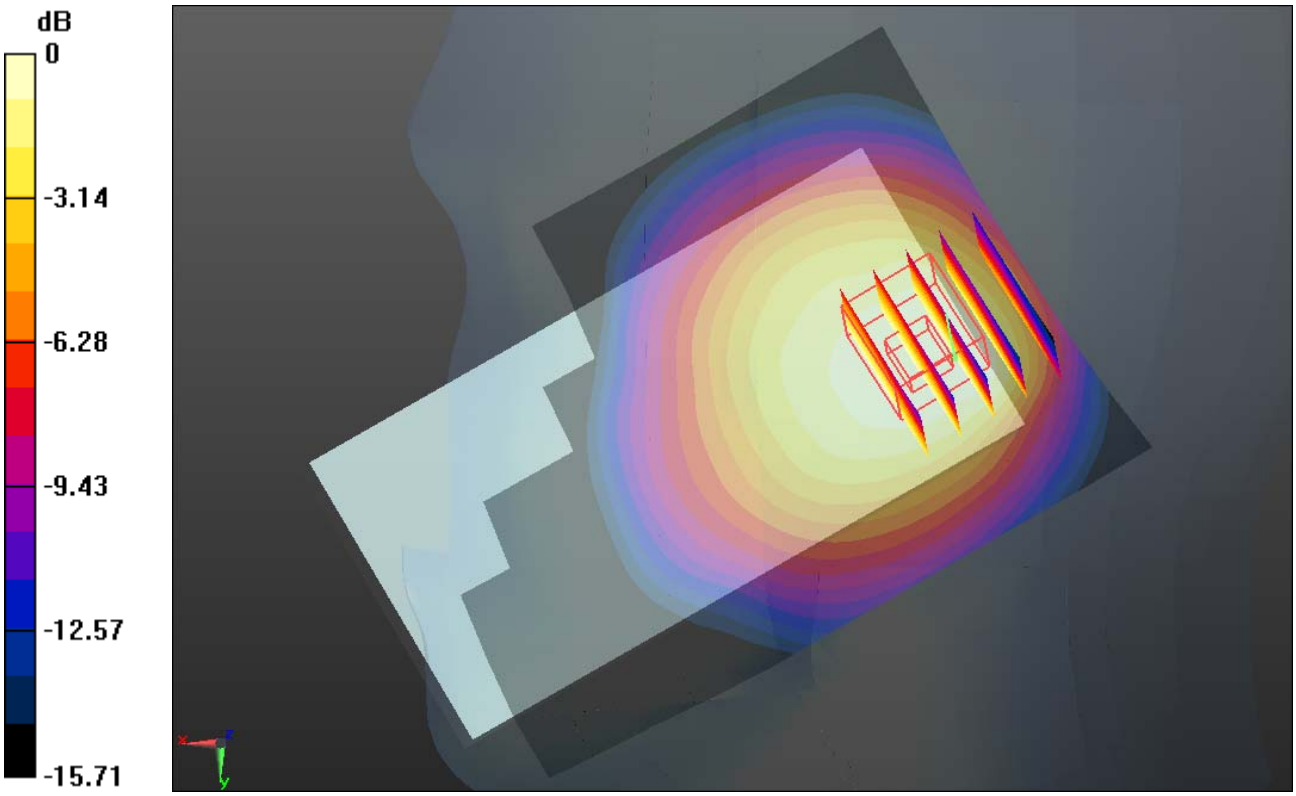
DUT: 342701

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_130521 Medium parameters used: f = 782 MHz; σ = 0.914 mho/m; ε_r = 40.272; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.25, 9.25, 9.25); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.886 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.537 V/m; Power Drift = -0.0038 dB
Peak SAR (extrapolated) = 1.020 W/kg
SAR(1 g) = 0.669 mW/g; SAR(10 g) = 0.460 mW/g.
Maximum value of SAR (measured) = 0.819 mW/g



0 dB = 0.820mW/g

#17 LTE Band 13_10M_QPSK 25RB 0offset_Right Tilted_Ch23230

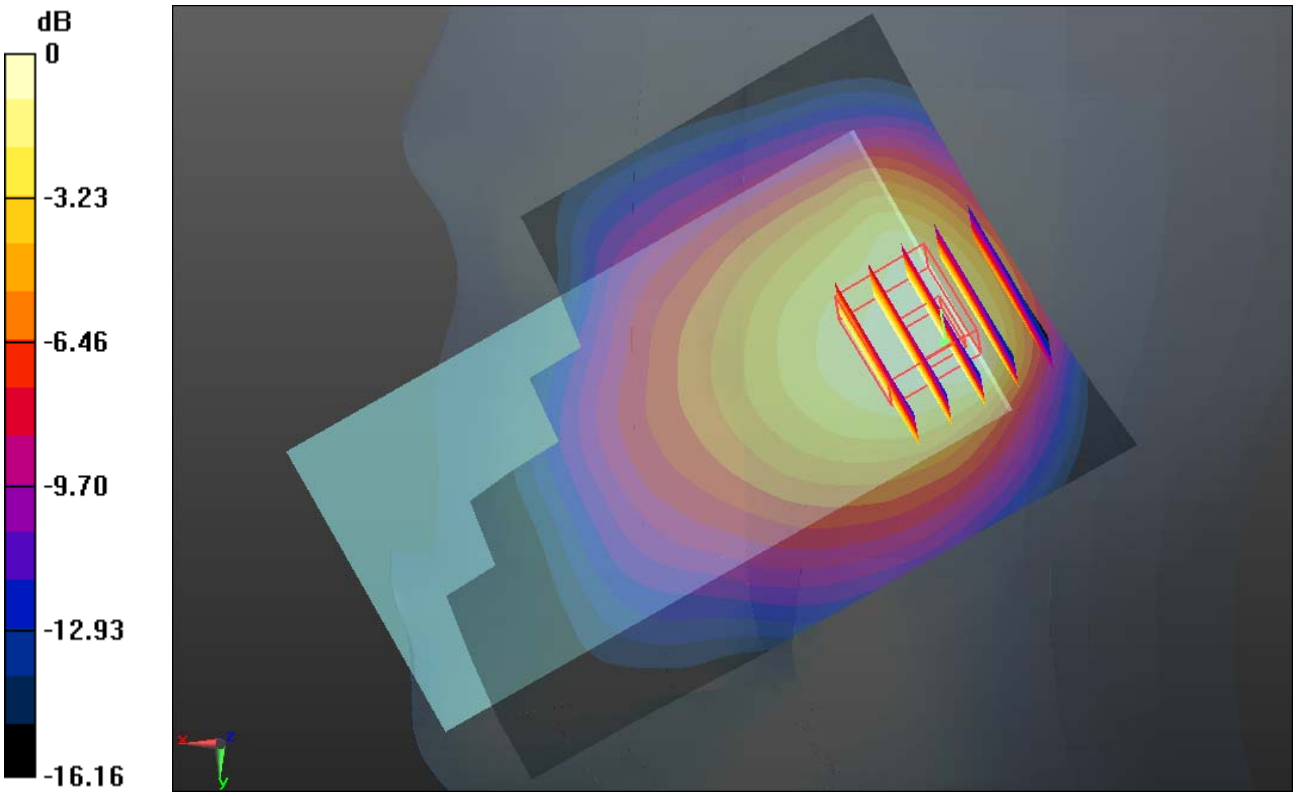
DUT: 342701

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_130521 Medium parameters used: f = 782 MHz; σ = 0.914 mho/m; ε_r = 40.272; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.25, 9.25, 9.25); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.761 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.462 V/m; Power Drift = -0.0094 dB
Peak SAR (extrapolated) = 0.891 W/kg
SAR(1 g) = 0.524 mW/g; SAR(10 g) = 0.346 mW/g
Maximum value of SAR (measured) = 0.692 mW/g



0 dB = 0.690mW/g

#18 LTE Band 13_10M_QPSK 25RB 0offset_Left Cheek_Ch23230

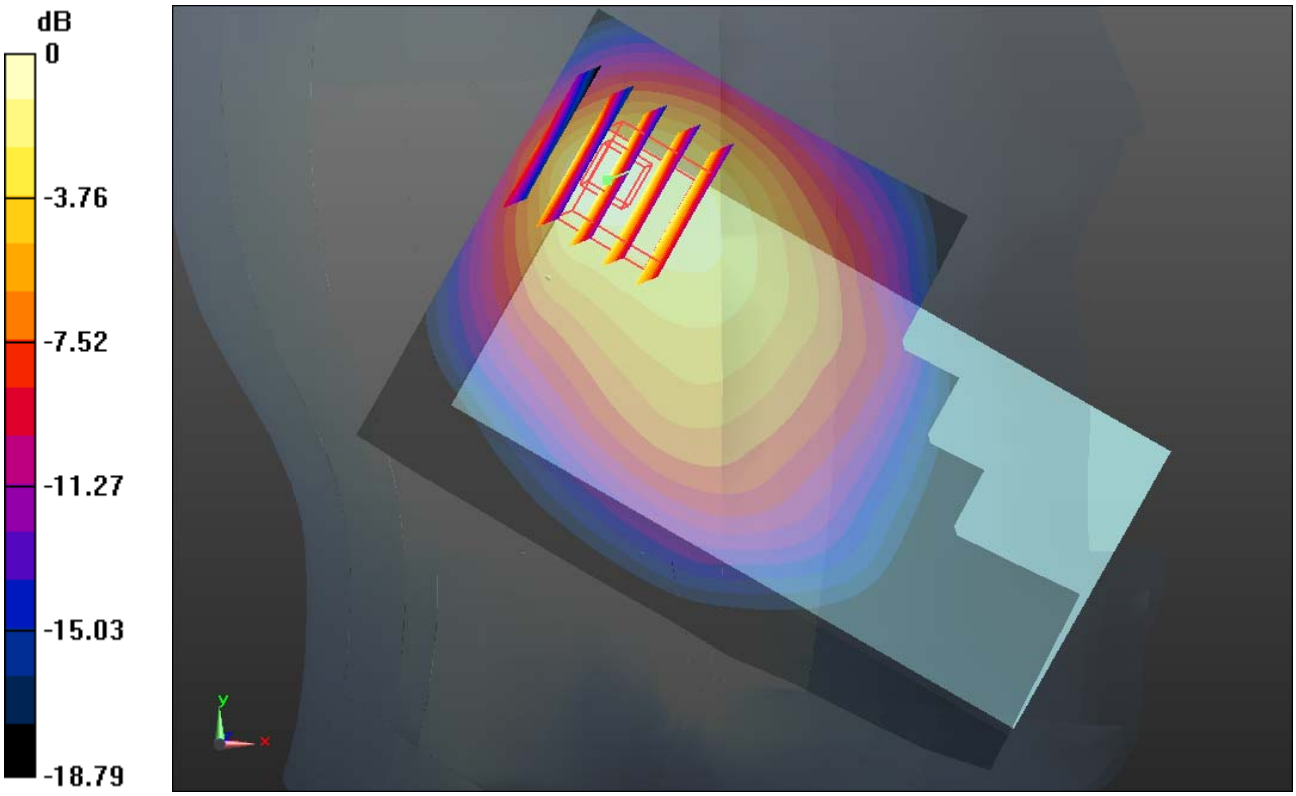
DUT: 342701

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_130521 Medium parameters used: f = 782 MHz; σ = 0.914 mho/m; ε_r = 40.272; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.25, 9.25, 9.25); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.695 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.909 V/m; Power Drift = 0.0035 dB
Peak SAR (extrapolated) = 2.165 W/kg
SAR(1 g) = 0.967 mW/g; SAR(10 g) = 0.557 mW/g
Maximum value of SAR (measured) = 1.428 mW/g



0 dB = 1.430mW/g

#19 LTE Band 13_10M_QPSK 25RB 0offset_Left Tilted_Ch23230

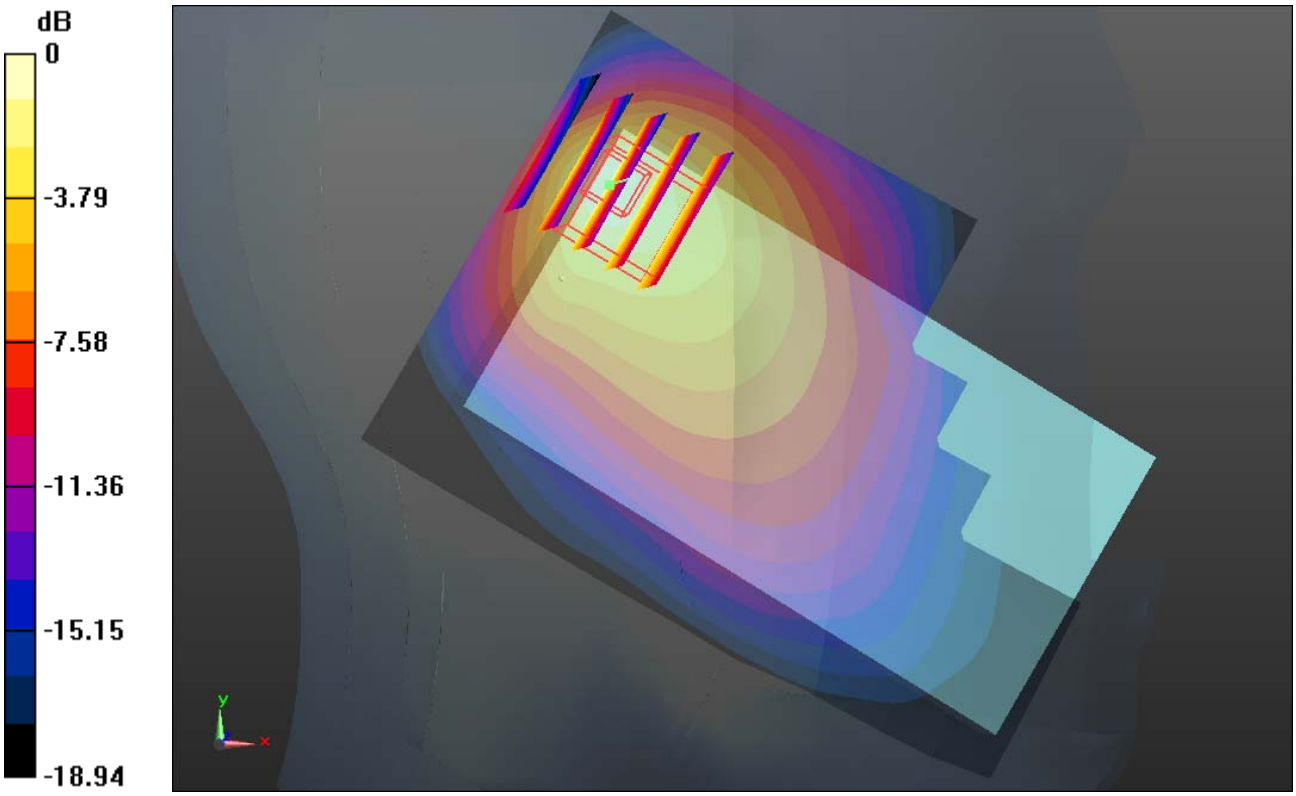
DUT: 342701

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_130521 Medium parameters used: f = 782 MHz; σ = 0.914 mho/m; ε_r = 40.272; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.25, 9.25, 9.25); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.235 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.458 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.596 W/kg
SAR(1 g) = 0.686 mW/g; SAR(10 g) = 0.381 mW/g
Maximum value of SAR (measured) = 1.090 mW/g



0 dB = 1.090mW/g

#20 LTE Band 13_10M_QPSK 50RB 0offset_Right Check_Ch23230

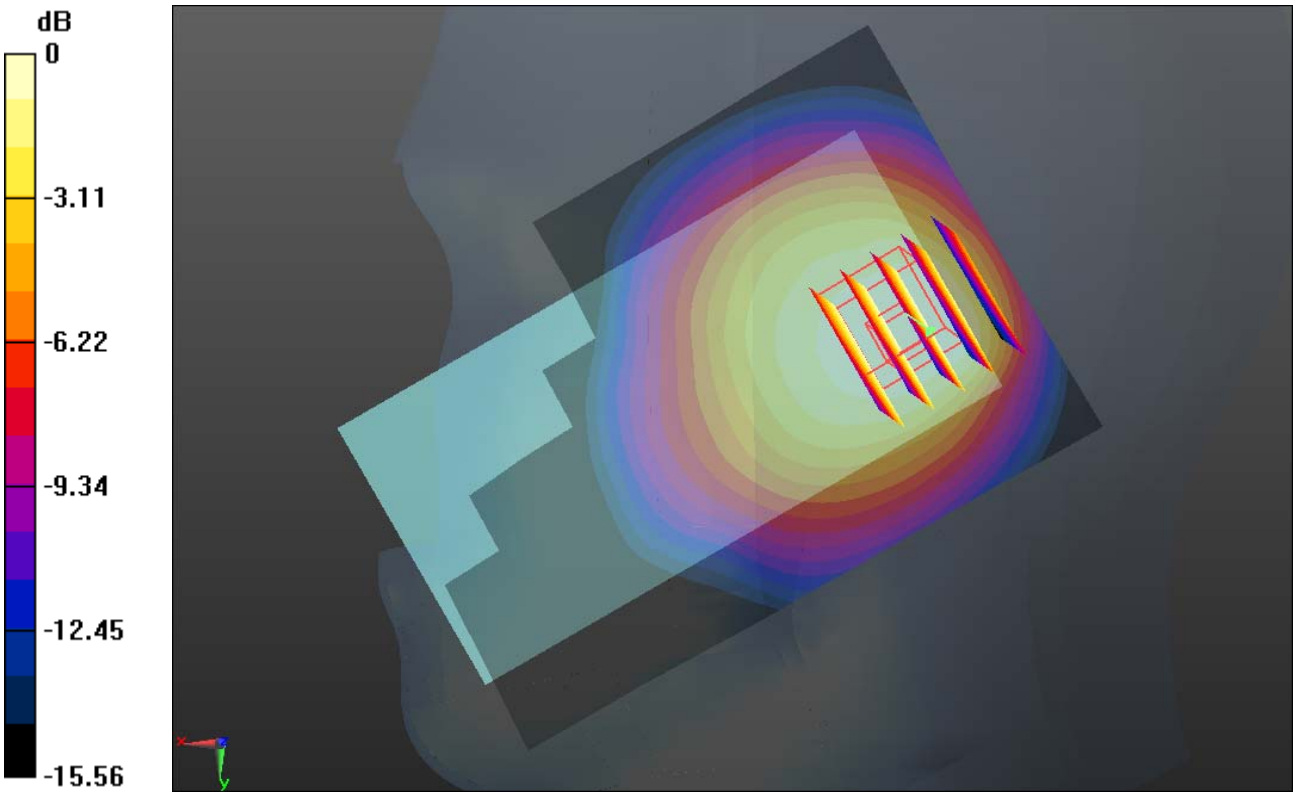
DUT: 342701

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_130521 Medium parameters used: f = 782 MHz; σ = 0.914 mho/m; ε_r = 40.272; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.25, 9.25, 9.25); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.887 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.612 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.016 W/kg
SAR(1 g) = 0.668 mW/g; SAR(10 g) = 0.459 mW/g
Maximum value of SAR (measured) = 0.819 mW/g



0 dB = 0.820mW/g

#21 LTE Band 13_10M_QPSK 50RB 0offset_Right Tilted_Ch23230

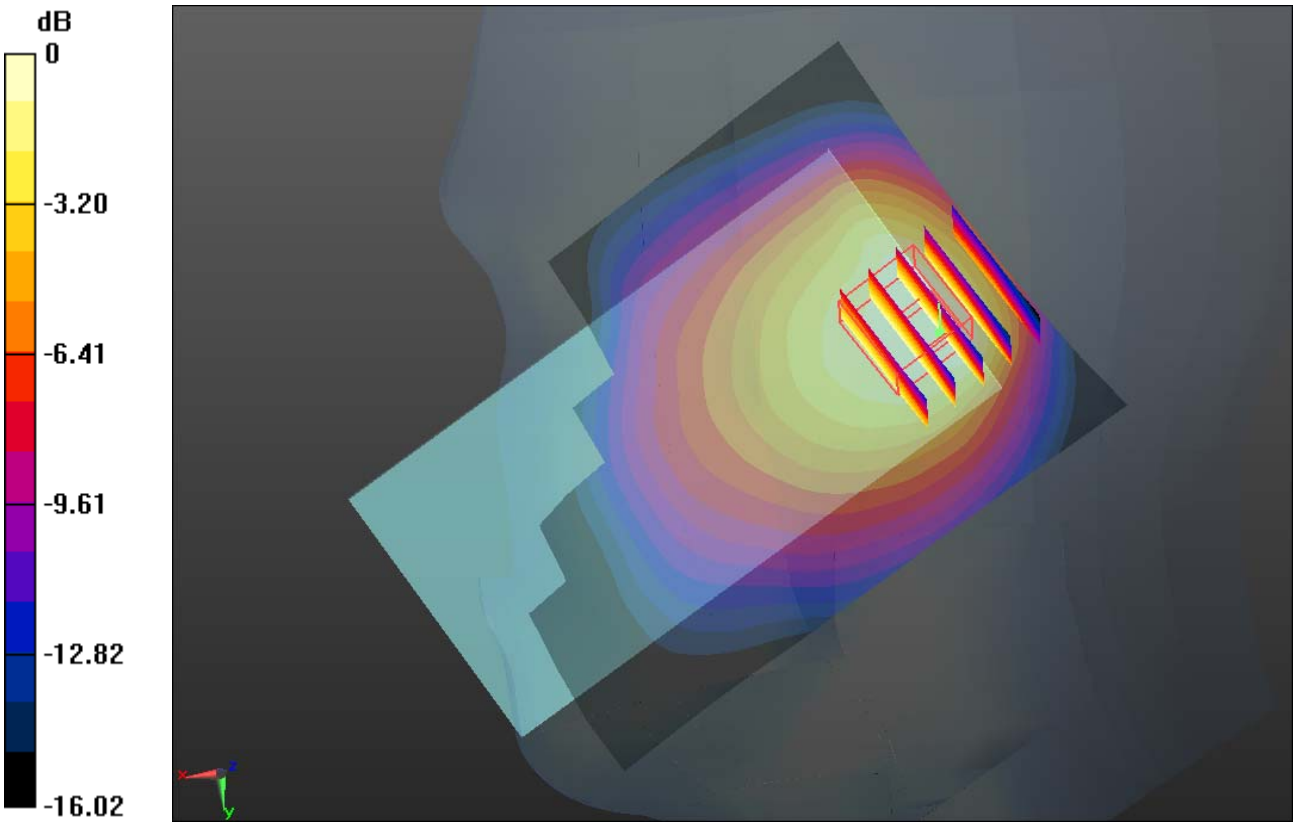
DUT: 342701

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_130521 Medium parameters used: f = 782 MHz; σ = 0.914 mho/m; ε_r = 40.272; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.25, 9.25, 9.25); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.736 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.225 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.861 W/kg
SAR(1 g) = 0.511 mW/g; SAR(10 g) = 0.338 mW/g
Maximum value of SAR (measured) = 0.672 mW/g



0 dB = 0.670mW/g

#22 LTE Band 13_10M_QPSK 50RB 0offset_Left Cheek_Ch23230

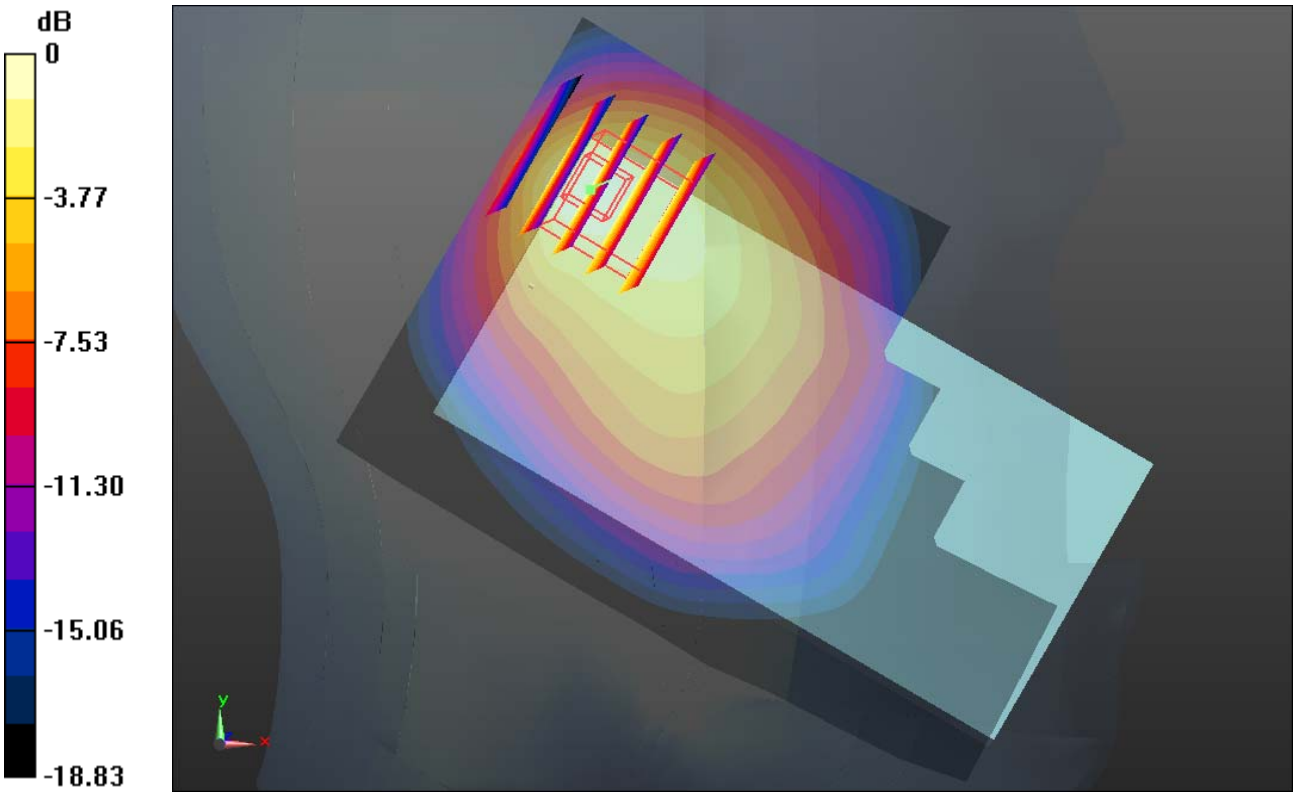
DUT: 342701

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_130521 Medium parameters used: f = 782 MHz; σ = 0.914 mho/m; ε_r = 40.272; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.25, 9.25, 9.25); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.678 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.732 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 2.156 W/kg
SAR(1 g) = 0.963 mW/g; SAR(10 g) = 0.553 mW/g.
Maximum value of SAR (measured) = 1.423 mW/g



0 dB = 1.420mW/g

#23 LTE Band 13_10M_QPSK 50RB 0offset_Left Tilted_Ch23230

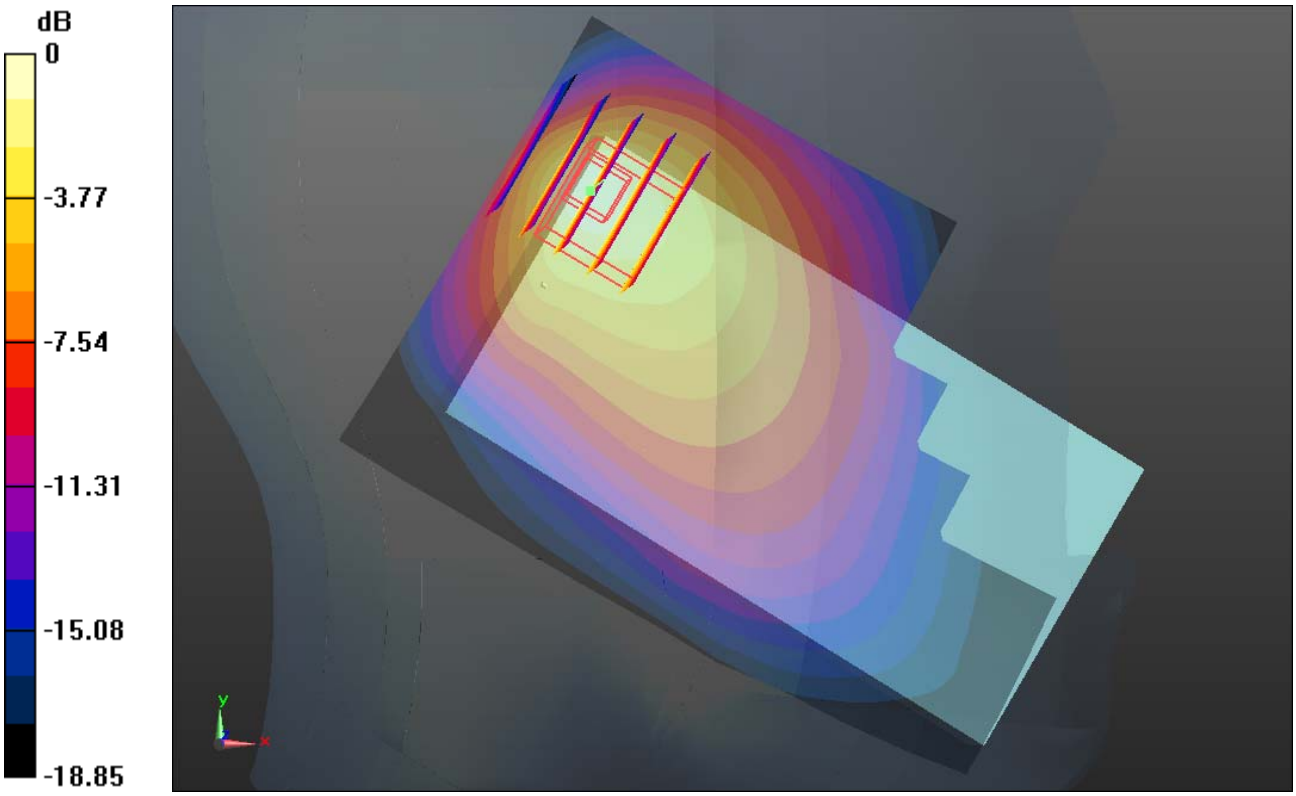
DUT: 342701

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_130521 Medium parameters used: f = 782 MHz; σ = 0.914 mho/m; ε_r = 40.272; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.25, 9.25, 9.25); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.230 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.428 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.560 W/kg
SAR(1 g) = 0.674 mW/g; SAR(10 g) = 0.376 mW/g
Maximum value of SAR (measured) = 1.064 mW/g



0 dB = 1.060mW/g

#24 802.11b_Right Check_1M_Ch11

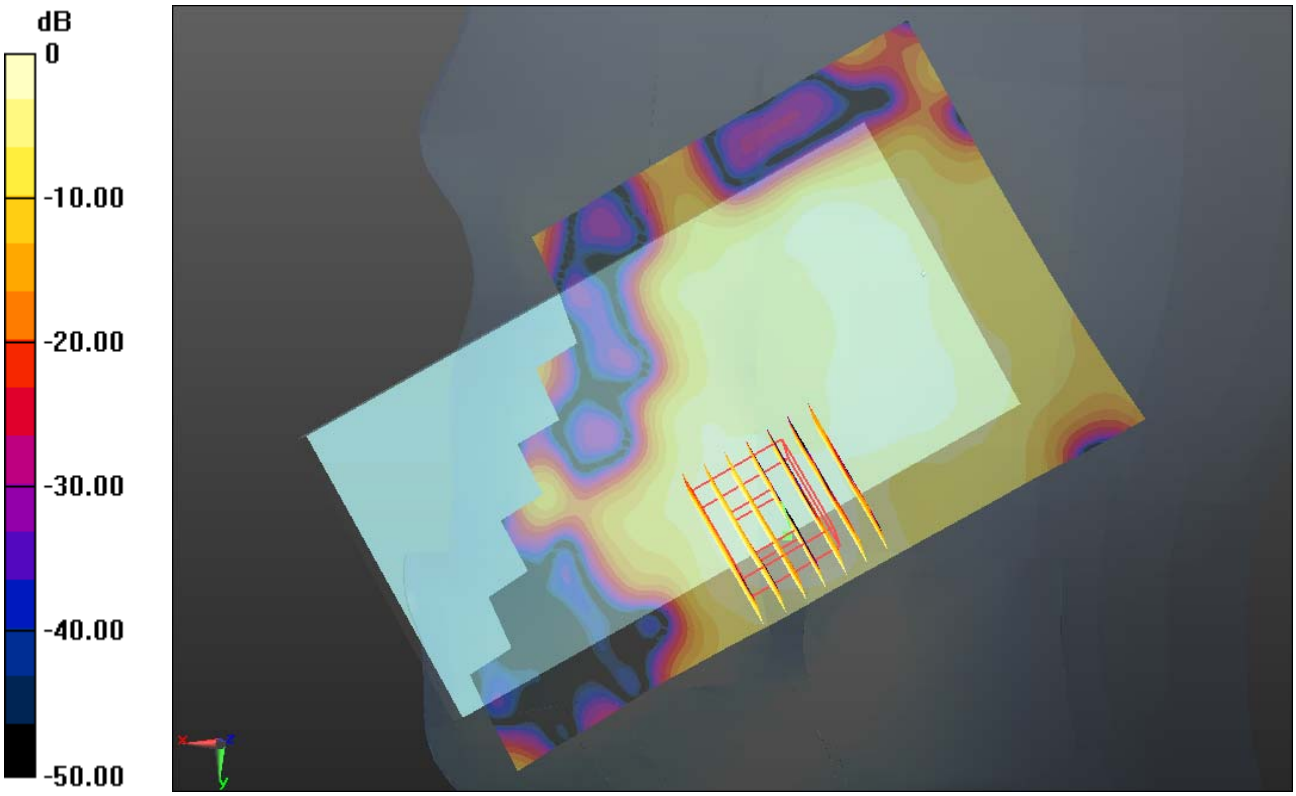
DUT: 342701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130524 Medium parameters used: f = 2462 MHz; σ = 1.87 mho/m; ε_r = 37.641; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.2 ℃

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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.082 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.204 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.113 W/kg
SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.027 mW/g
Maximum value of SAR (measured) = 0.079 mW/g



0 dB = 0.080mW/g

#25 802.11b_Right Tilted_1M_Ch11

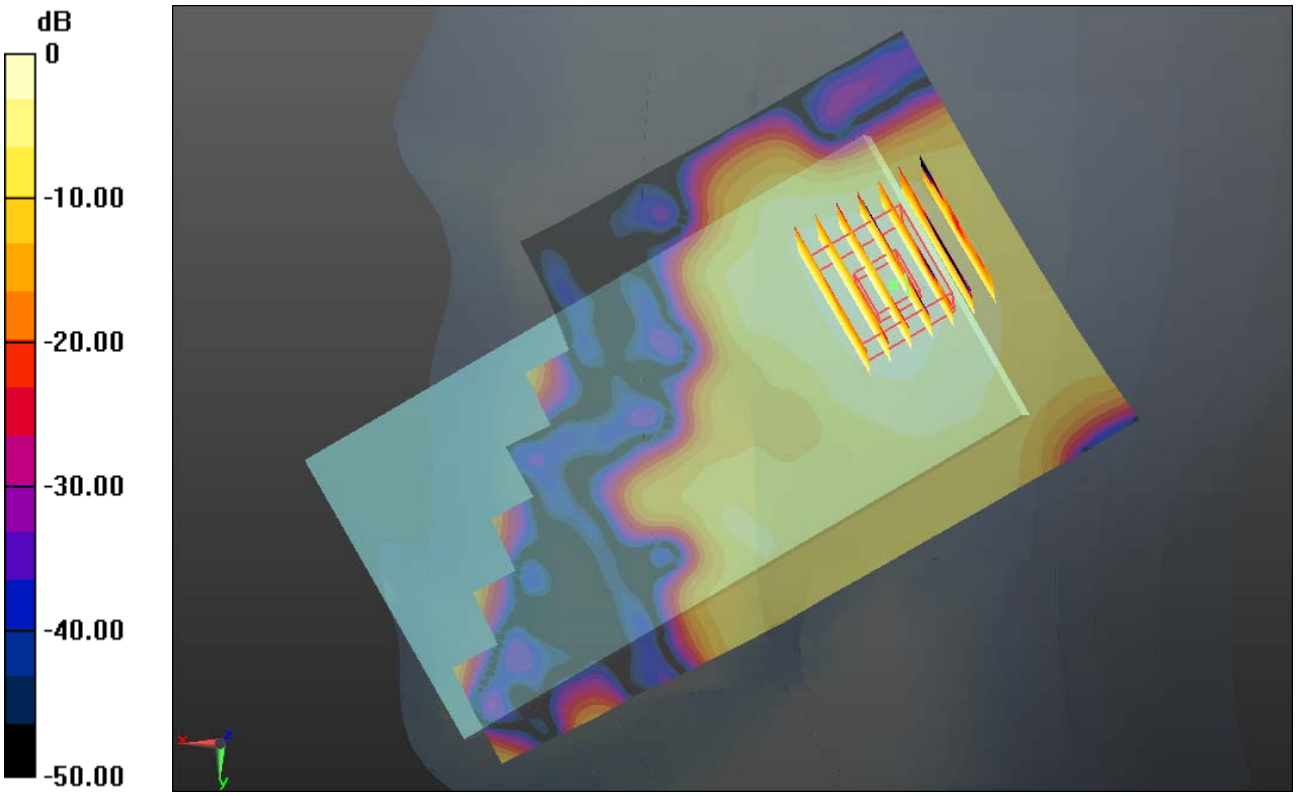
DUT: 342701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130524 Medium parameters used: f = 2462 MHz; σ = 1.87 mho/m; ε_r = 37.641; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.2 ℃

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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.083 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.202 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.102 W/kg
SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.028 mW/g
Maximum value of SAR (measured) = 0.080 mW/g



0 dB = 0.080mW/g

#26 802.11b_Left Check_1M_Ch11

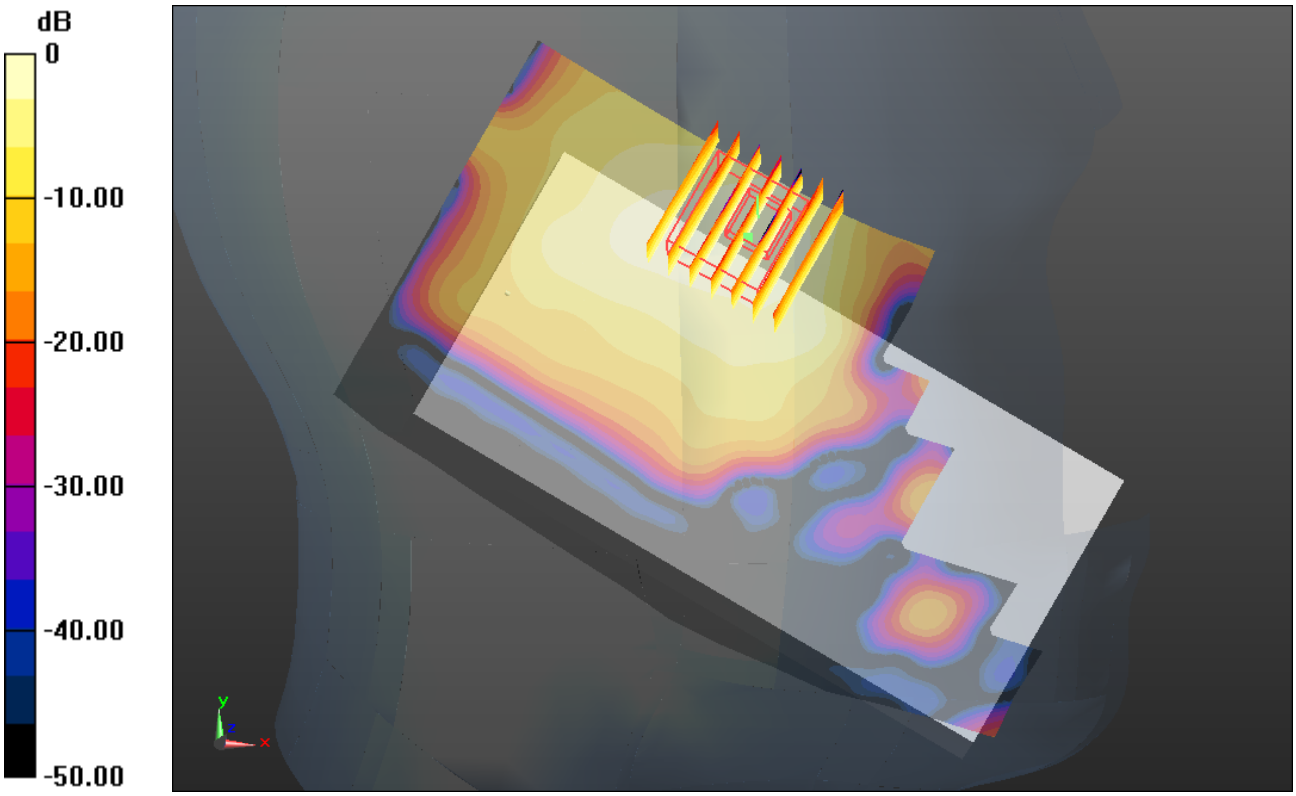
DUT: 342701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130524 Medium parameters used: f = 2462 MHz; σ = 1.87 mho/m; ε_r = 37.641; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.2 ℃

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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.166 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.433 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.241 W/kg
SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.051 mW/g
Maximum value of SAR (measured) = 0.166 mW/g



0 dB = 0.170mW/g

#27 802.11b_Left Tilted_1M_Ch11

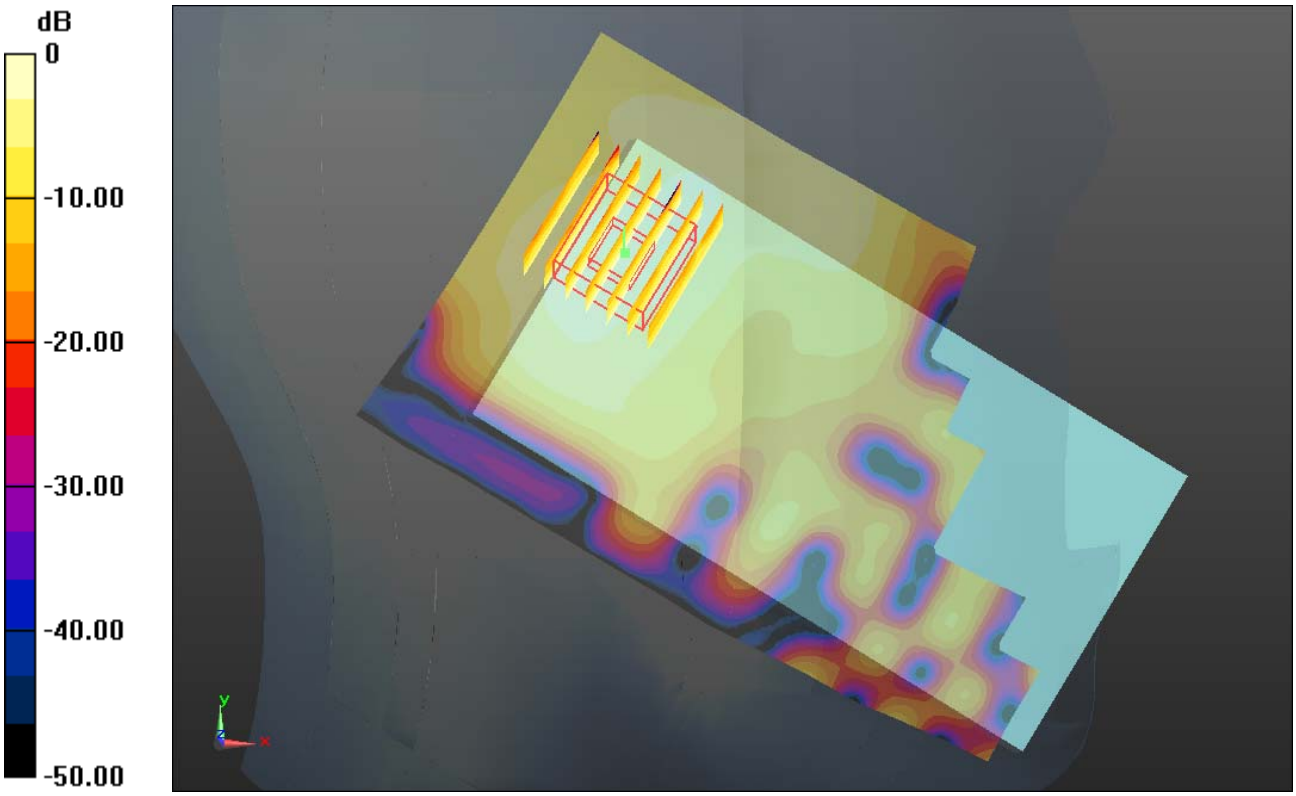
DUT: 342701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130524 Medium parameters used: f = 2462 MHz; σ = 1.87 mho/m; ε_r = 37.641; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.2 ℃

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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.093 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.739 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.124 W/kg
SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.033 mW/g
Maximum value of SAR (measured) = 0.093 mW/g



0 dB = 0.090mW/g

#28 CDMA2000 BC0_RTAP 153.6_Front 1cm_Ch1013

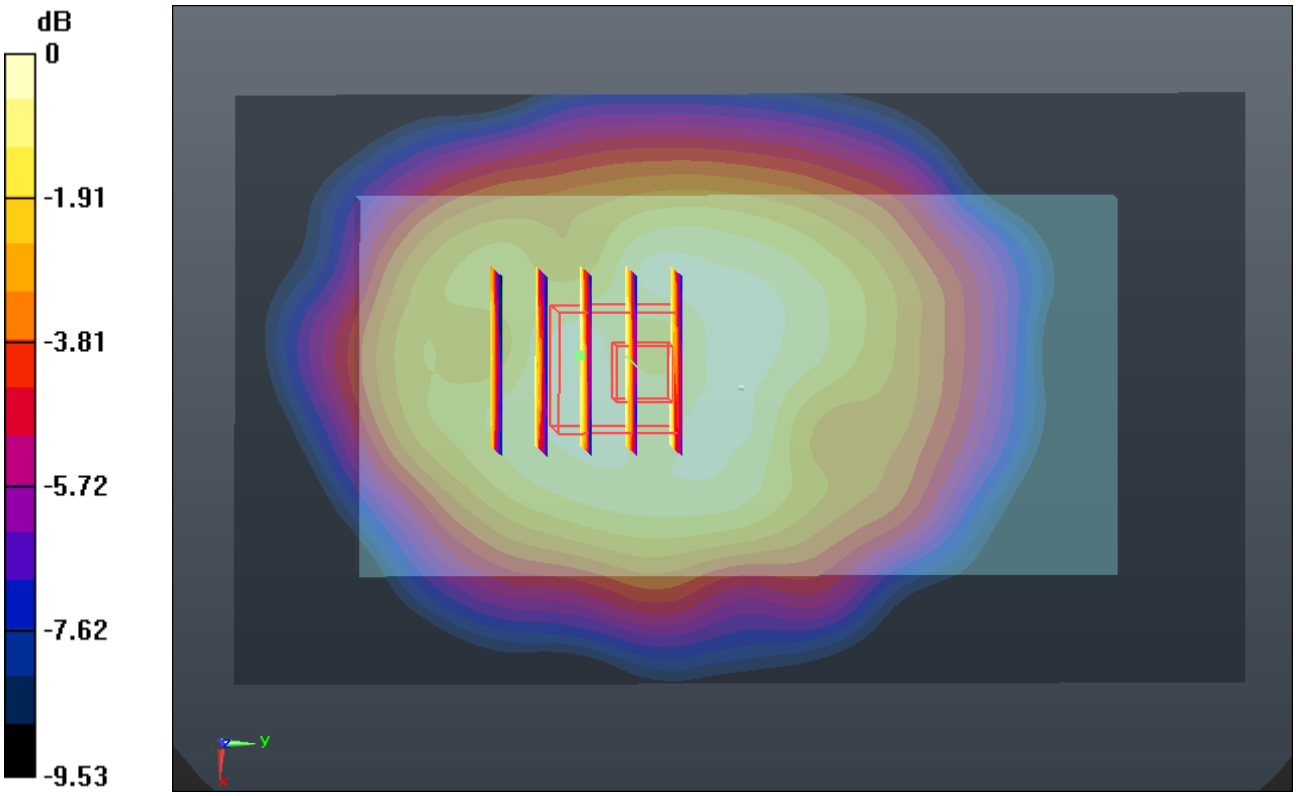
DUT: 342701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_130521 Medium parameters used: f = 825 MHz; σ = 0.972 mho/m; ε_r = 54.962; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; 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 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)

Ch1013/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.695 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.950 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.746 W/kg
SAR(1 g) = 0.618 mW/g; SAR(10 g) = 0.452 mW/g
Maximum value of SAR (measured) = 0.713 mW/g



0 dB = 0.710mW/g

#29 CDMA2000 BC0_RTAP 153.6_Back 1cm_Ch1013

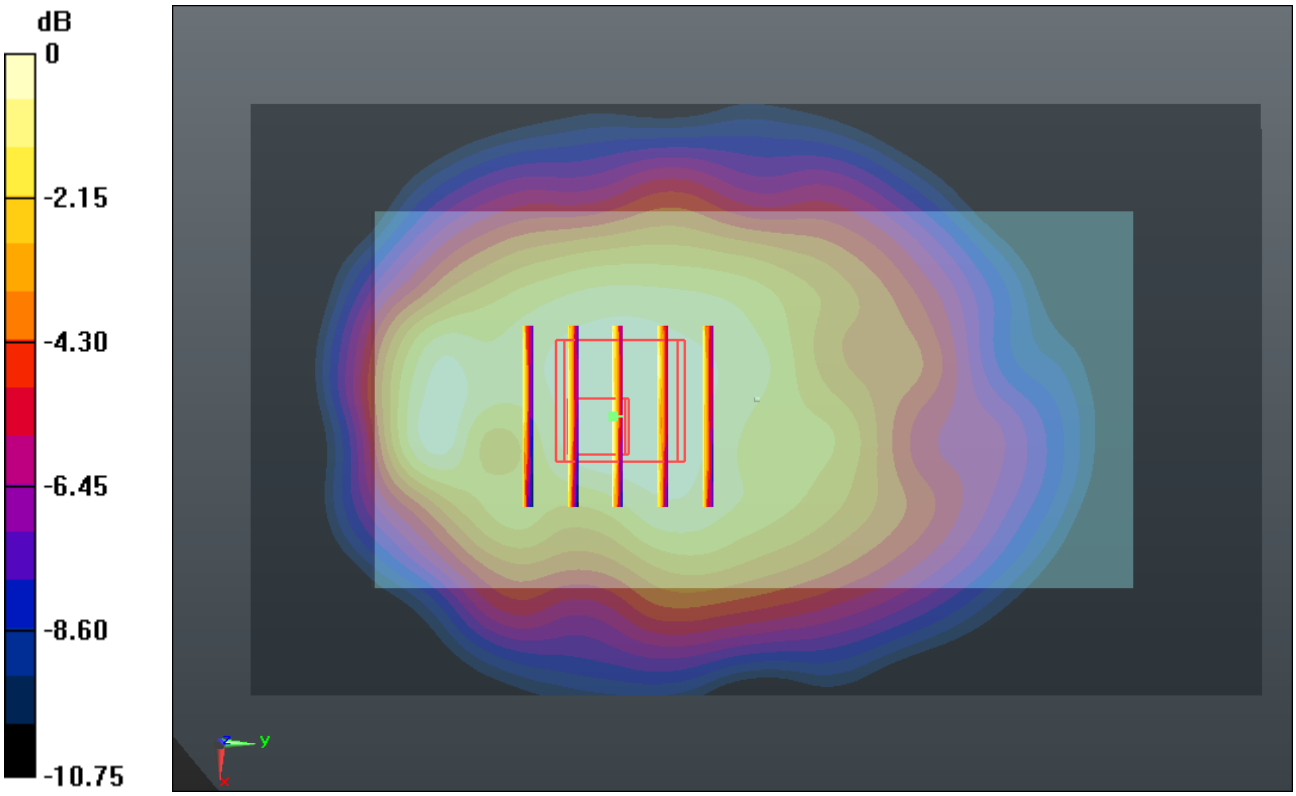
DUT: 342701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_130521 Medium parameters used: f = 825 MHz; σ = 0.972 mho/m; ε_r = 54.962; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; 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 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)

Ch1013/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.056 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.705 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.345 W/kg
SAR(1 g) = 0.865 mW/g; SAR(10 g) = 0.630 mW/g
Maximum value of SAR (measured) = 1.021 mW/g



0 dB = 1.020mW/g

#30 CDMA2000 BC0_RTAP 153.6_Left Side 1cm_Ch1013

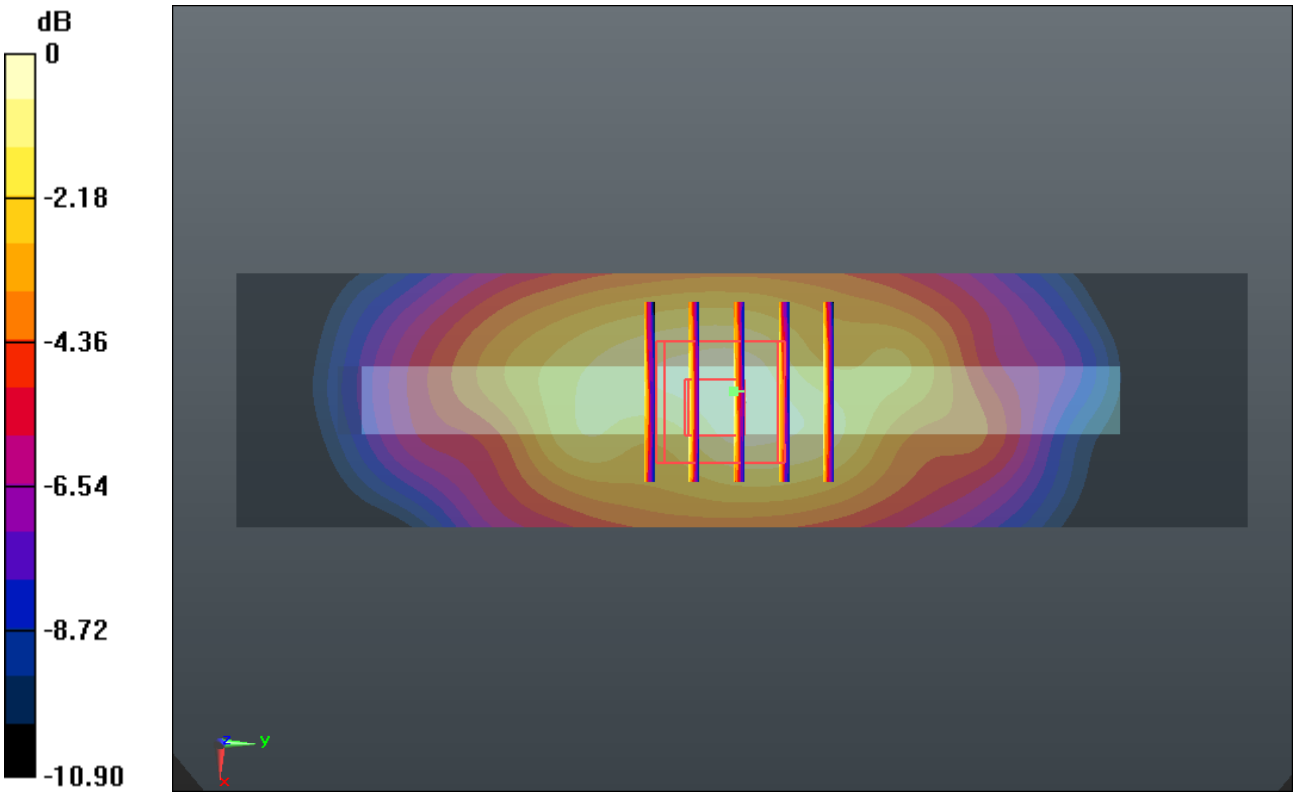
DUT: 342701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_130521 Medium parameters used: f = 825 MHz; σ = 0.972 mho/m; ε_r = 54.962; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; 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 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)

Ch1013/Area Scan (31x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.802 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.511 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.135 W/kg
SAR(1 g) = 0.679 mW/g; SAR(10 g) = 0.451 mW/g
Maximum value of SAR (measured) = 0.847 mW/g



0 dB = 0.850mW/g

#31 CDMA2000 BC0_RTAP 153.6_Right Side 1cm_Ch1013

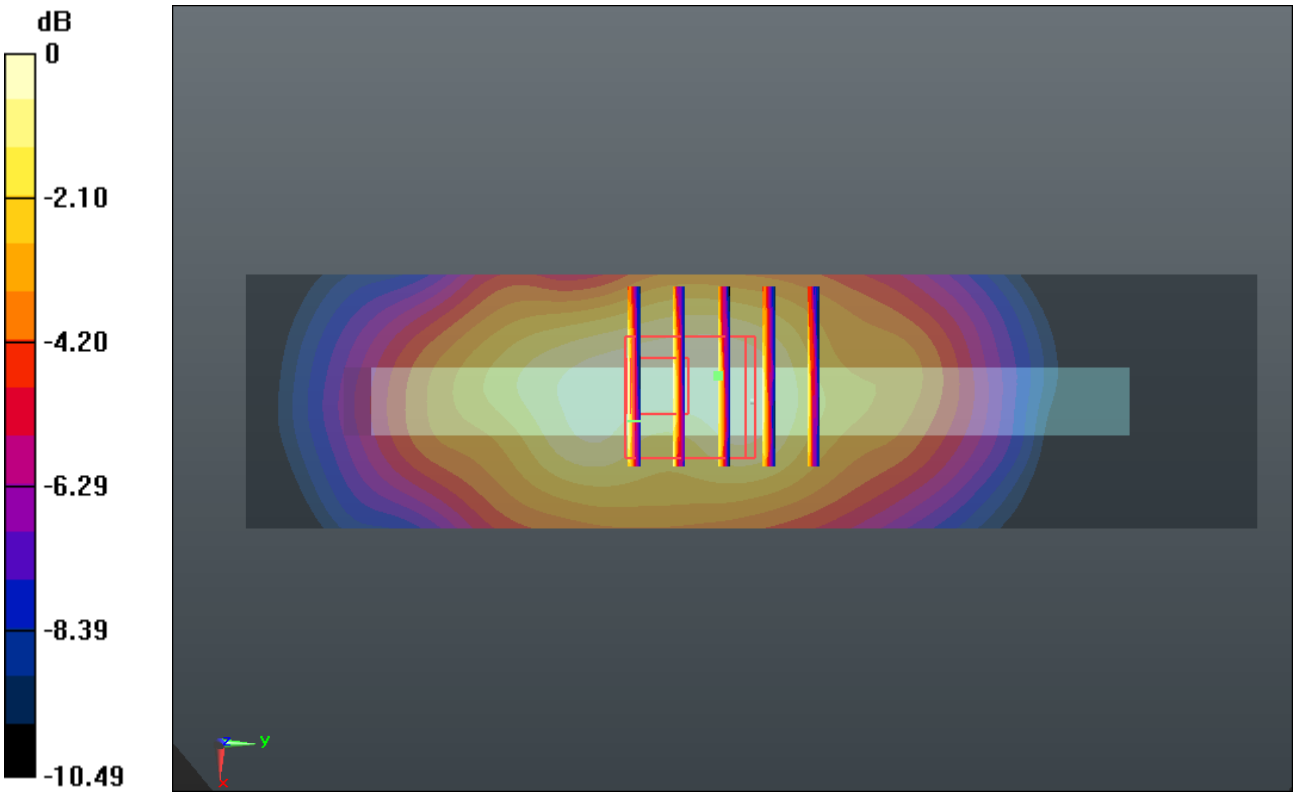
DUT: 342701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_130521 Medium parameters used: f = 825 MHz; σ = 0.972 mho/m; ε_r = 54.962; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; 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 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)

Ch1013/Area Scan (31x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.699 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.985 V/m; Power Drift = 0.00069 dB
Peak SAR (extrapolated) = 0.768 W/kg
SAR(1 g) = 0.569 mW/g; SAR(10 g) = 0.392 mW/g
Maximum value of SAR (measured) = 0.703 mW/g



0 dB = 0.700mW/g

#32 CDMA2000 BC0_RTAP 153.6_Bottom Side 1cm_Ch1013

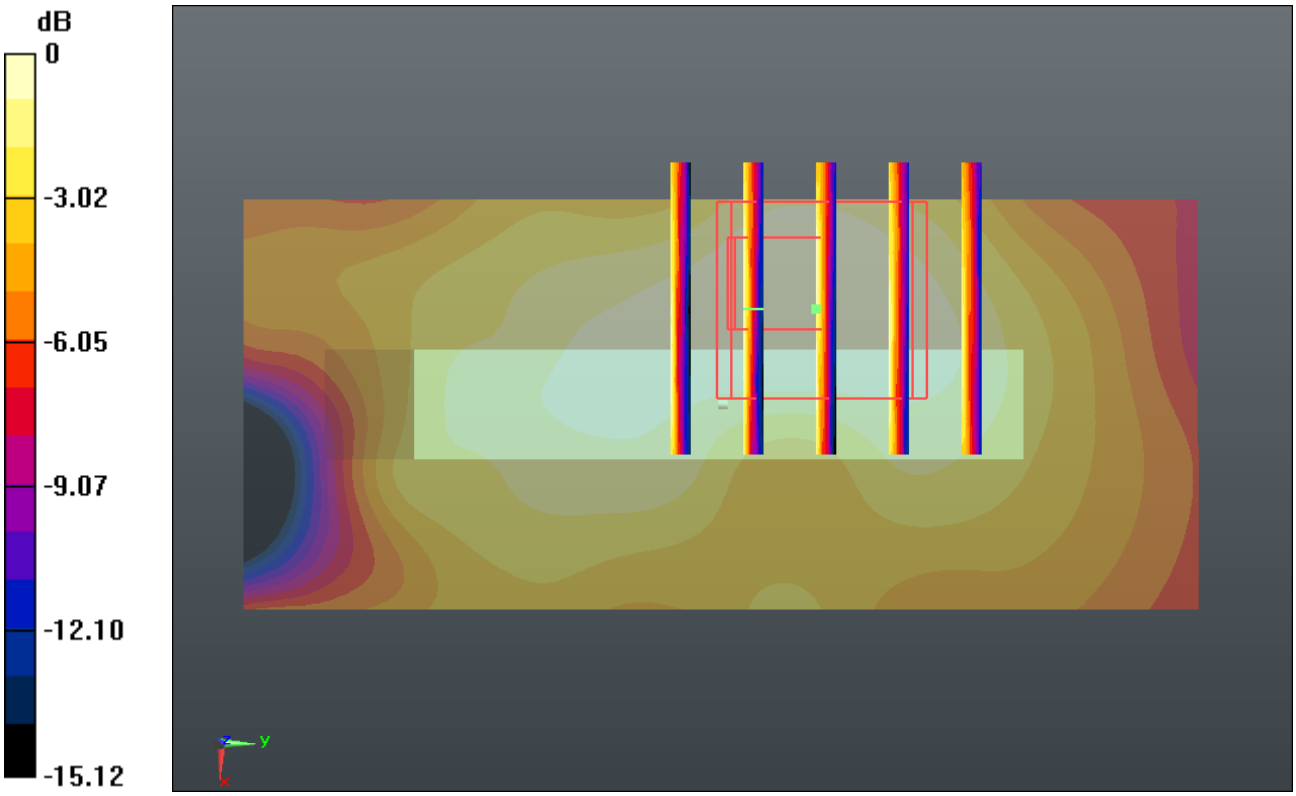
DUT: 342701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_130521 Medium parameters used: f = 825 MHz; σ = 0.972 mho/m; ε_r = 54.962; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; 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 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)

Ch1013/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.107 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.224 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.123 W/kg
SAR(1 g) = 0.074 mW/g; SAR(10 g) = 0.045 mW/g
Maximum value of SAR (measured) = 0.102 mW/g



0 dB = 0.100mW/g

#33 CDMA2000 BC0_RTAP 153.6_Back 1cm_Ch384

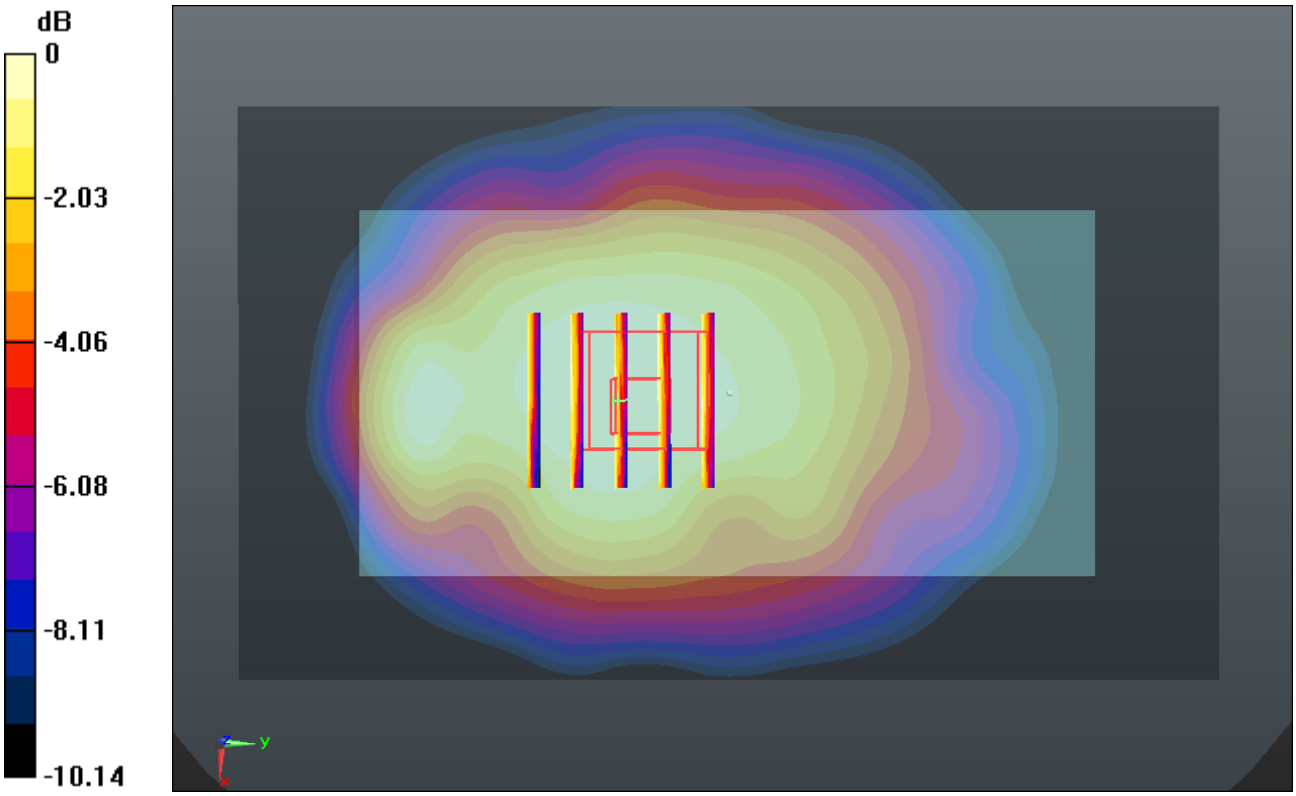
DUT: 342701

Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: MSL_835_130521 Medium parameters used: f = 837 MHz; σ = 0.985 mho/m; ε_r = 54.848; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; 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 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)

Ch384/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.995 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.233 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.374 W/kg
SAR(1 g) = 0.840 mW/g; SAR(10 g) = 0.607 mW/g
Maximum value of SAR (measured) = 0.985 mW/g



0 dB = 0.990mW/g

#34 CDMA2000 BC0_RTAP 153.6_Back 1cm_Ch777

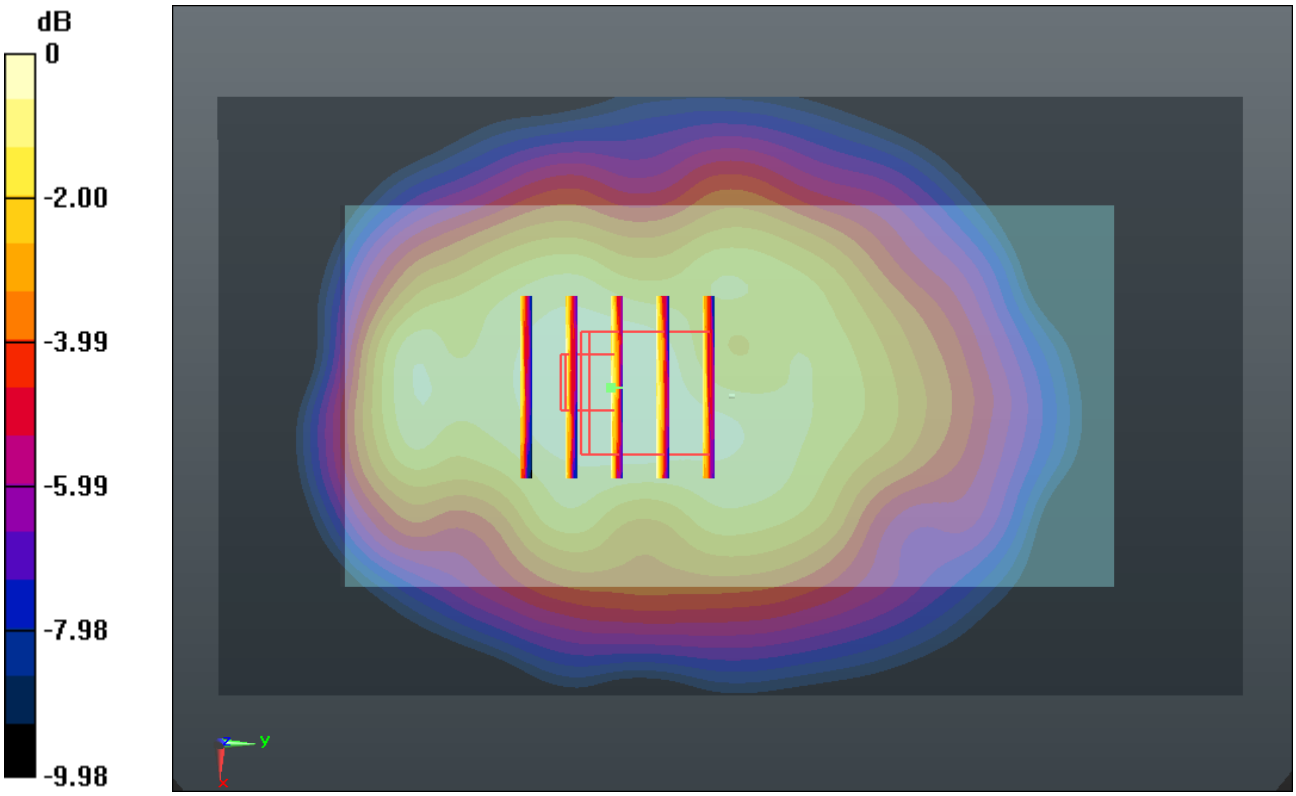
DUT: 342701

Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: MSL_835_130521 Medium parameters used: f = 848.31 MHz; σ = 0.996 mho/m; ε_r = 54.73; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; 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 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)

Ch777/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.906 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.960 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.108 W/kg
SAR(1 g) = 0.721 mW/g; SAR(10 g) = 0.544 mW/g
Maximum value of SAR (measured) = 0.874 mW/g



0 dB = 0.870mW/g

#41 CDMA2000 BC1_RTAP 153.6_Front 1cm_Ch600

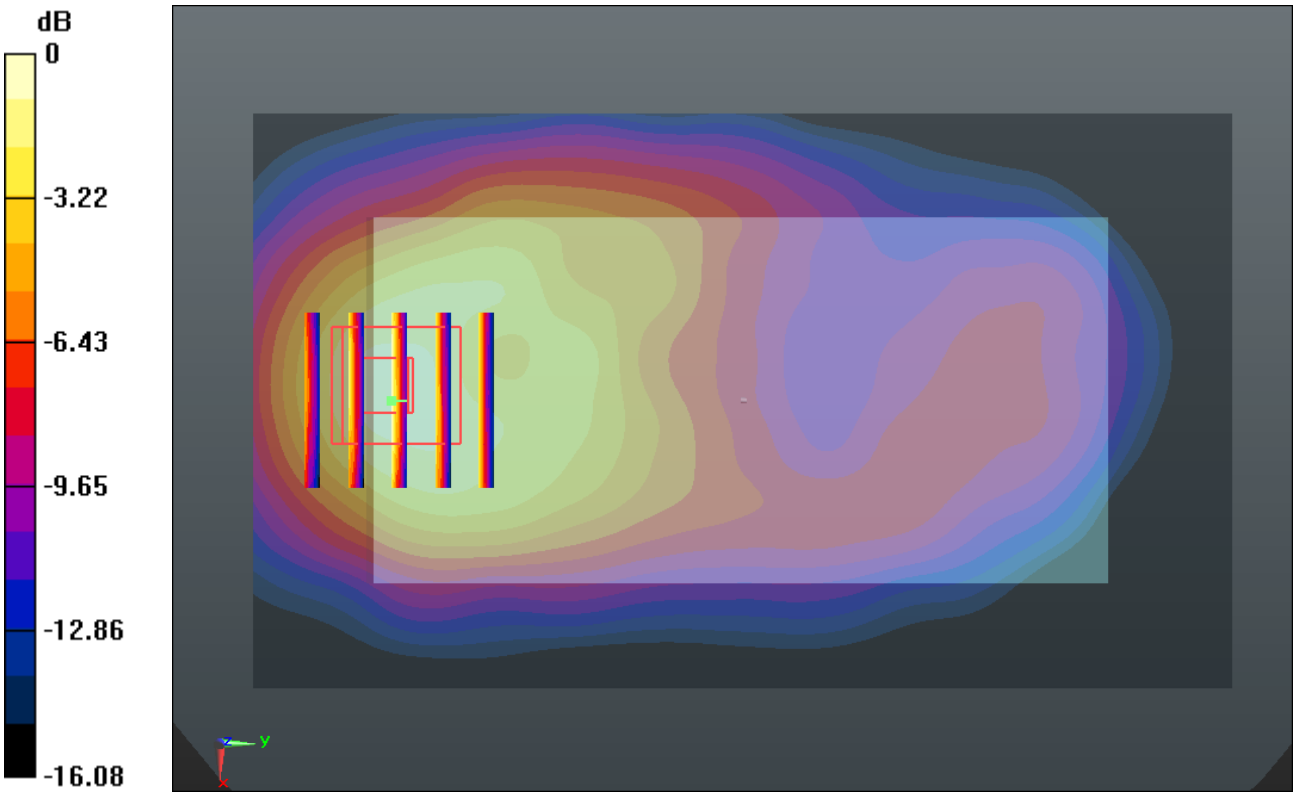
DUT: 342701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130523 Medium parameters used: f = 1880 MHz; σ = 1.526 mho/m; ε_r = 53.194; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 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 (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.907 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.483 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.188 W/kg
SAR(1 g) = 0.766 mW/g; SAR(10 g) = 0.420 mW/g
Maximum value of SAR (measured) = 1.017 mW/g



0 dB = 1.020mW/g

#42 CDMA2000 BC1_RTAP 153.6_Back 1cm_Ch600

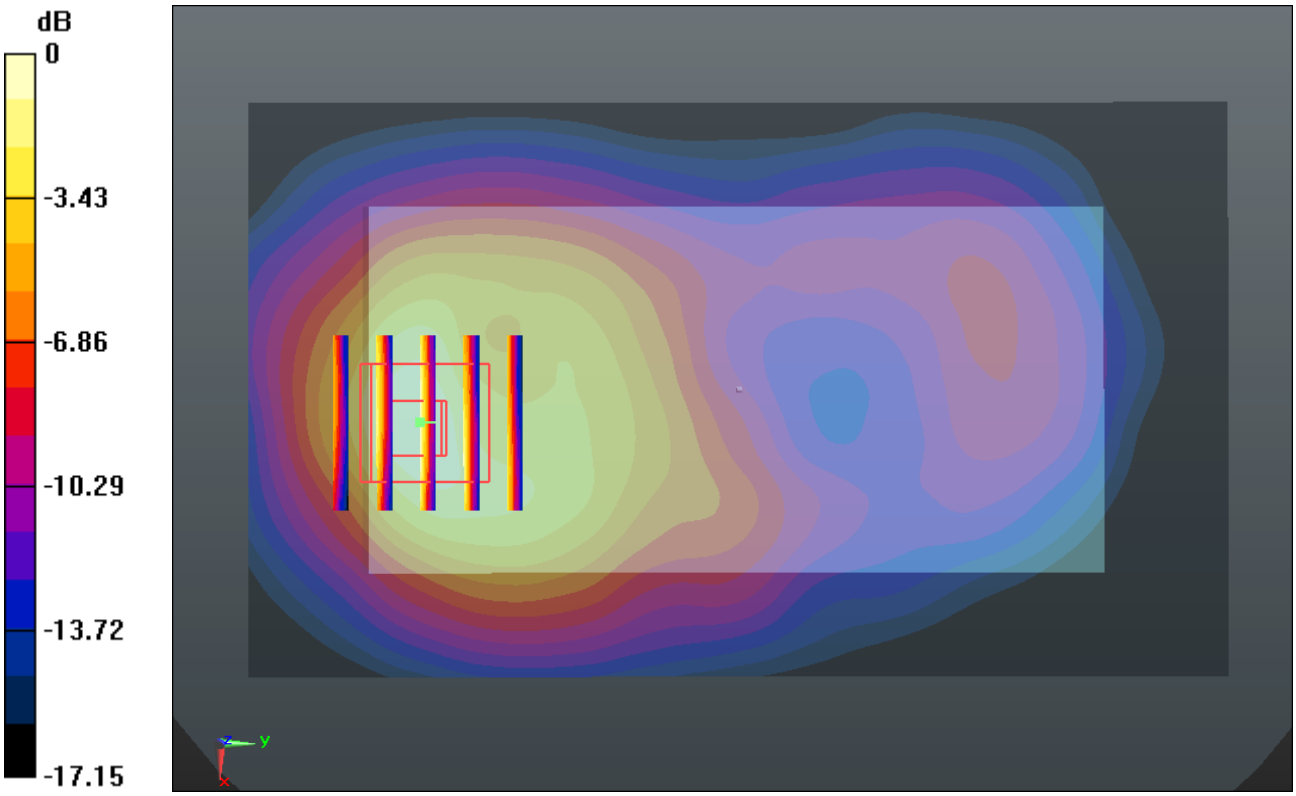
DUT: 342701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130523 Medium parameters used: f = 1880 MHz; σ = 1.526 mho/m; ε_r = 53.194; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 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 (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.463 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.223 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.642 W/kg
SAR(1 g) = 1.050 mW/g; SAR(10 g) = 0.579 mW/g
Maximum value of SAR (measured) = 1.413 mW/g



0 dB = 1.410mW/g

#43 CDMA2000 BC1_RTAP 153.6_Left Side 1cm_Ch600

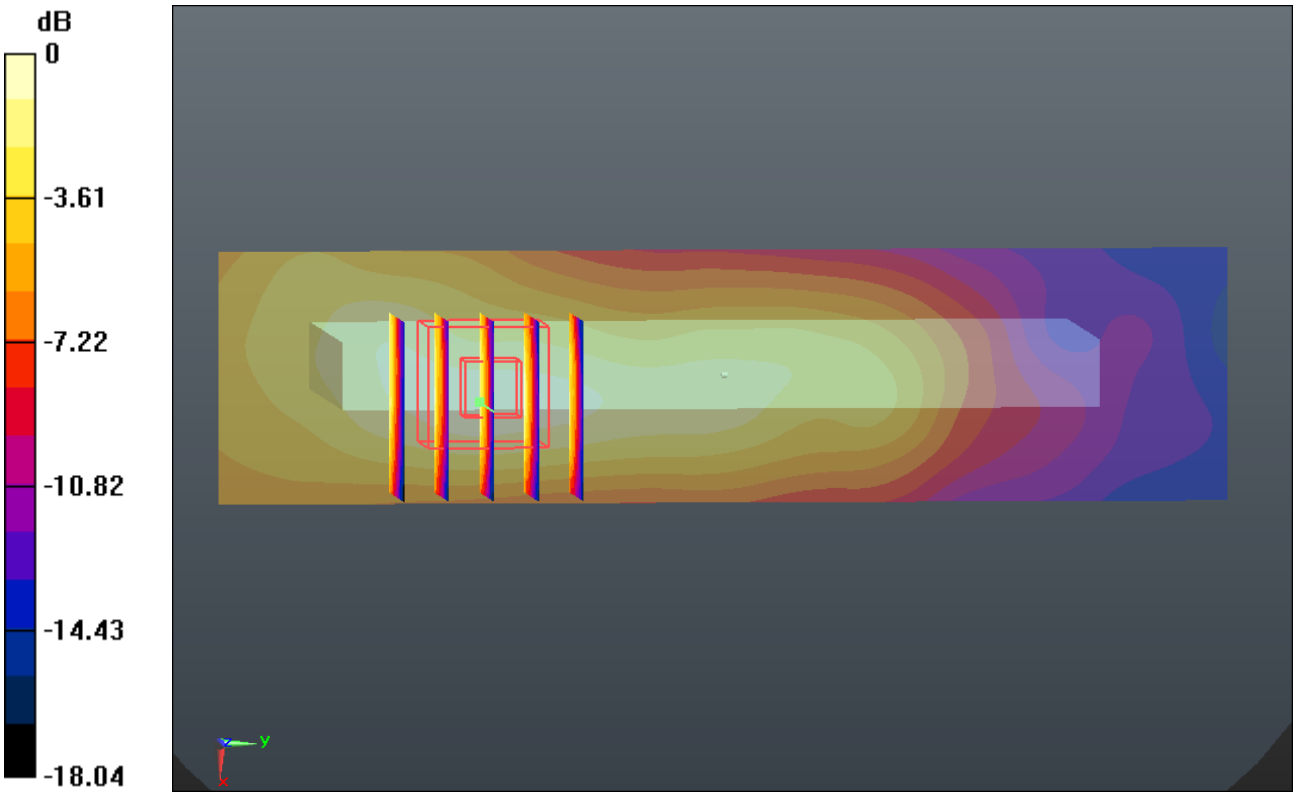
DUT: 342701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130523 Medium parameters used: f = 1880 MHz; σ = 1.526 mho/m; ε_r = 53.194; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 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 (31x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.280 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.260 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.430 W/kg
SAR(1 g) = 0.207 mW/g; SAR(10 g) = 0.119 mW/g
Maximum value of SAR (measured) = 0.289 mW/g



0 dB = 0.290mW/g

#44 CDMA2000 BC1_RTAP 153.6_Right Side 1cm_Ch600

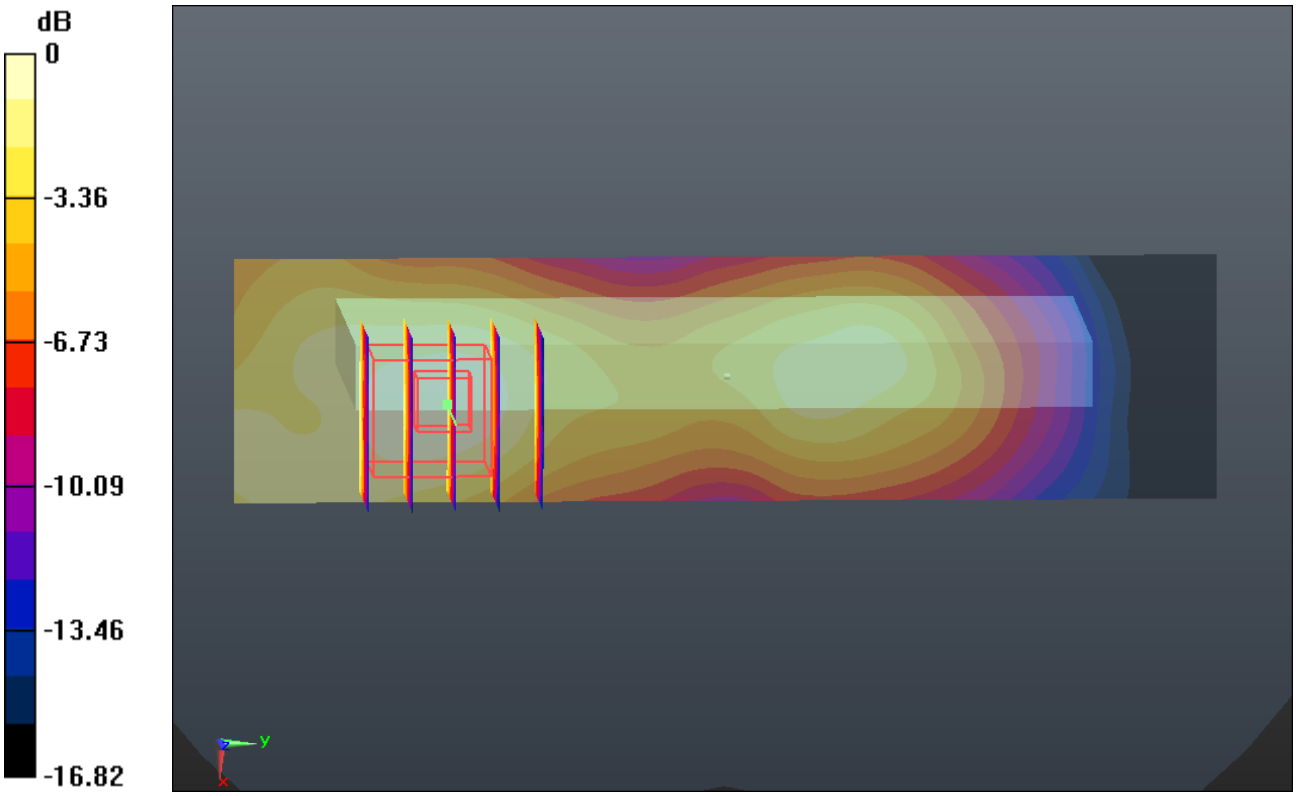
DUT: 342701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130523 Medium parameters used: f = 1880 MHz; σ = 1.526 mho/m; ε_r = 53.194; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 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 (31x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.231 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.575 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.270 W/kg
SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.103 mW/g
Maximum value of SAR (measured) = 0.239 mW/g



0 dB = 0.240mW/g

#45 CDMA2000 BC1_RTAP 153.6_Bottom Side 1cm_Ch600

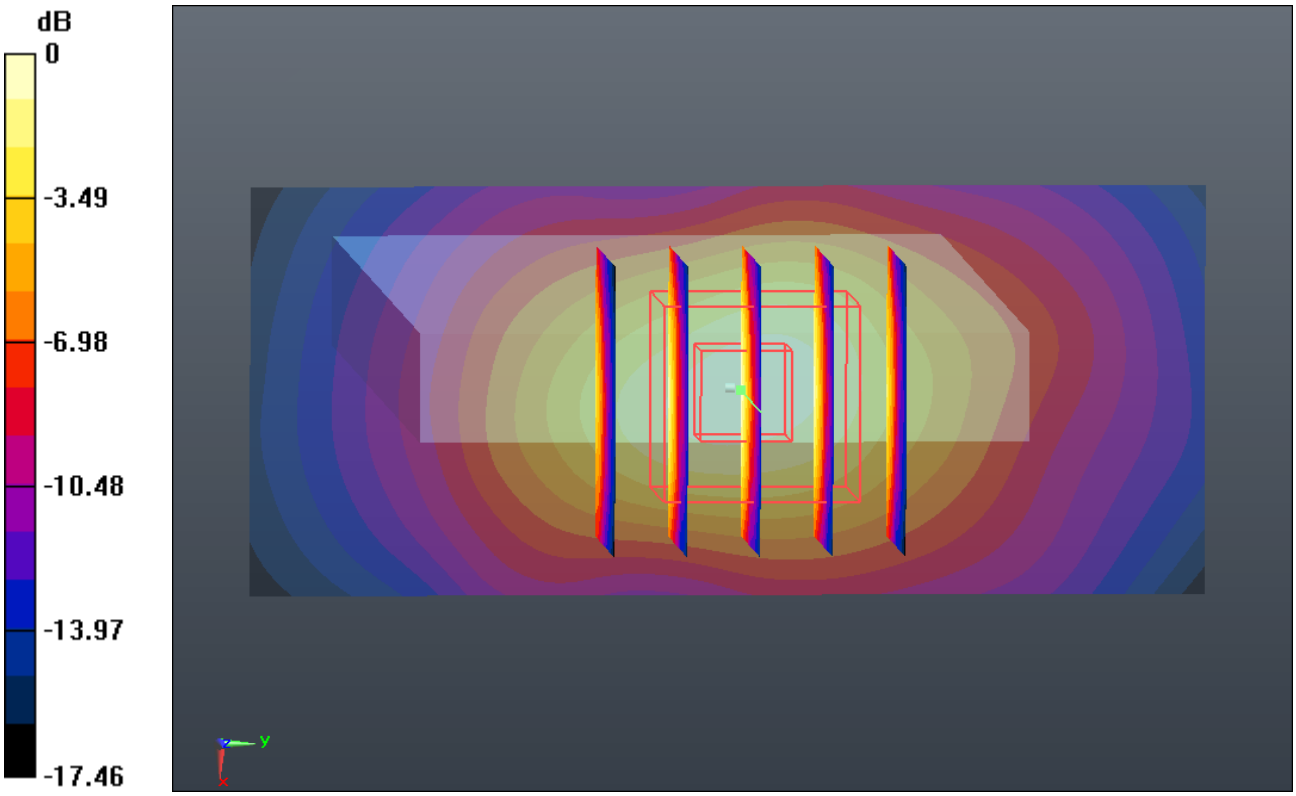
DUT: 342701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130523 Medium parameters used: f = 1880 MHz; σ = 1.526 mho/m; ε_r = 53.194; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 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) = 1.456 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.864 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.822 W/kg
SAR(1 g) = 1.110 mW/g; SAR(10 g) = 0.585 mW/g
Maximum value of SAR (measured) = 1.519 mW/g



0 dB = 1.520mW/g

#46 CDMA2000 BC1_RTAP 153.6_Front 1cm_Ch25

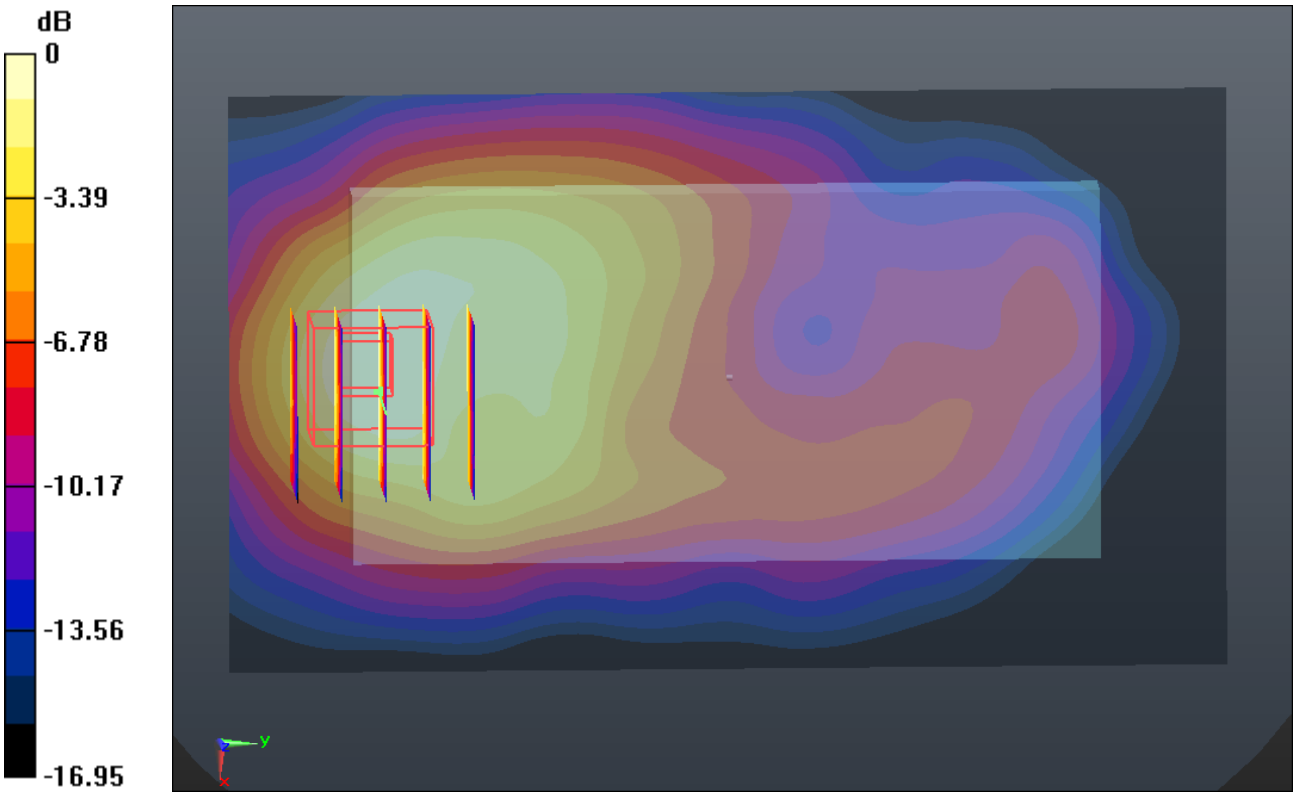
DUT: 342701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130523 Medium parameters used: f = 1851.25 MHz; σ = 1.491 mho/m; ε_r = 53.25; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 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 (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.789 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.788 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.954 W/kg
SAR(1 g) = 0.646 mW/g; SAR(10 g) = 0.371 mW/g
Maximum value of SAR (measured) = 0.842 mW/g



0 dB = 0.840mW/g

#47 CDMA2000 BC1_RTAP 153.6_Front 1cm_Ch1175

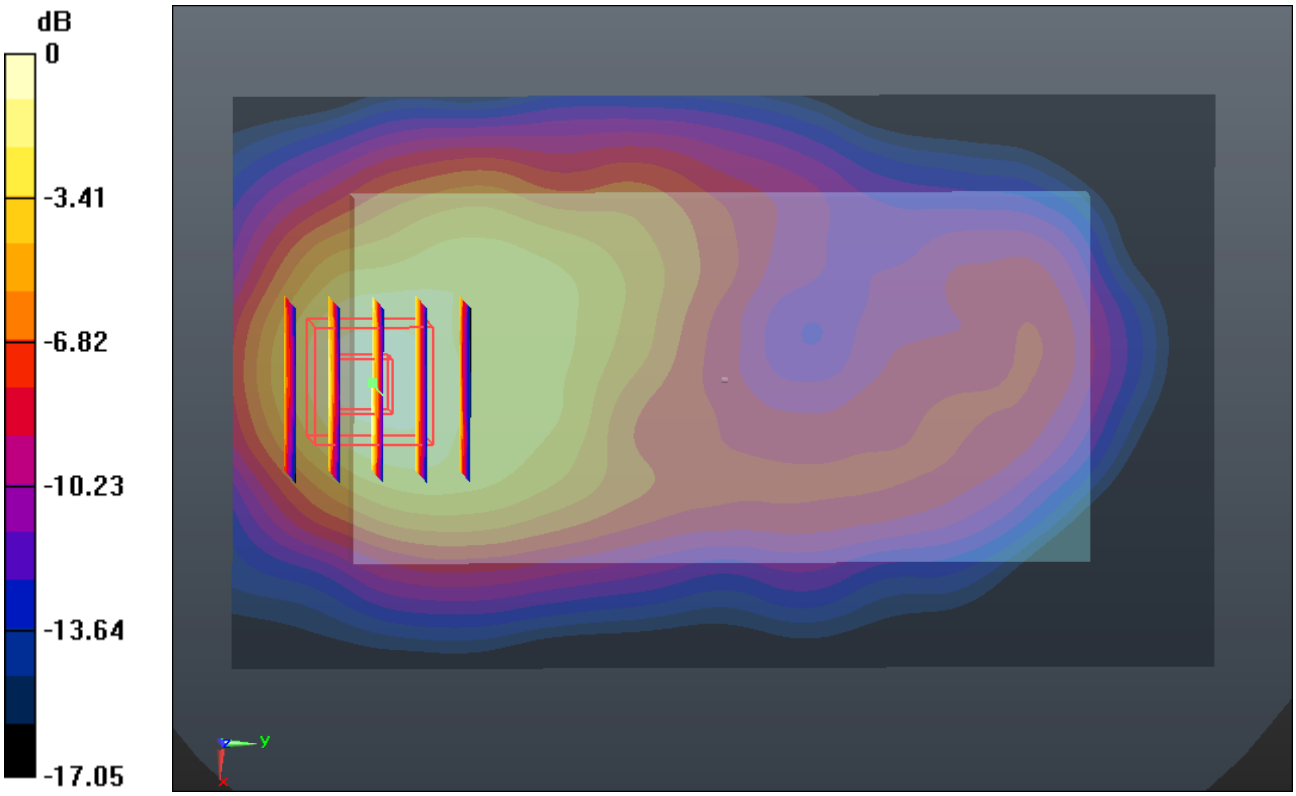
DUT: 342701

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130523 Medium parameters used: f = 1909 MHz; σ = 1.559 mho/m; ε_r = 53.113; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 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 (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.988 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.316 V/m; Power Drift = 0.0099 dB
Peak SAR (extrapolated) = 1.556 W/kg
SAR(1 g) = 0.771 mW/g; SAR(10 g) = 0.446 mW/g
Maximum value of SAR (measured) = 1.109 mW/g



0 dB = 1.110mW/g

#48 CDMA2000 BC1_RTAP 153.6_Back 1cm_Ch25

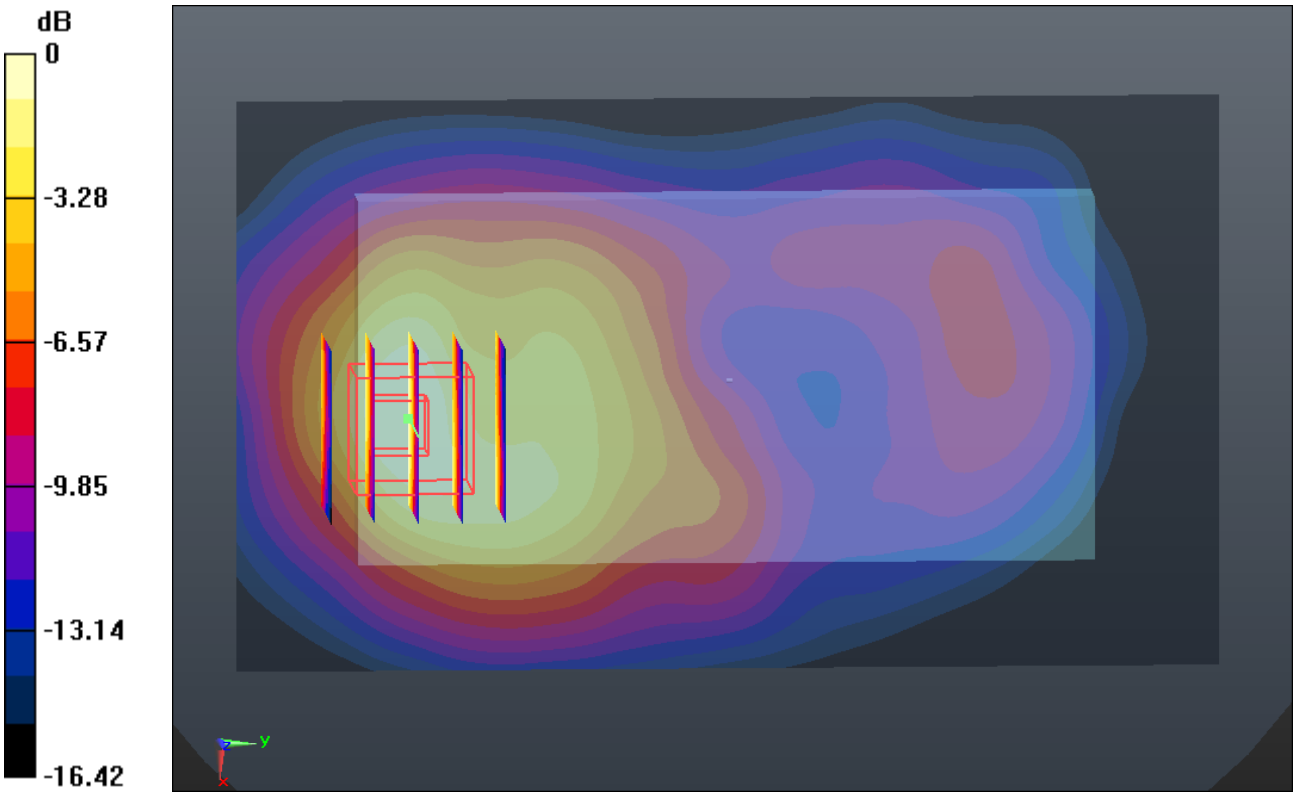
DUT: 342701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130523 Medium parameters used: f = 1851.25 MHz; σ = 1.491 mho/m; ε_r = 53.25; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 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 (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.280 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.678 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.331 W/kg
SAR(1 g) = 0.898 mW/g; SAR(10 g) = 0.508 mW/g
Maximum value of SAR (measured) = 1.160 mW/g



0 dB = 1.160mW/g

#49 CDMA2000 BC1_RTAP 153.6_Back 1cm_Ch1175

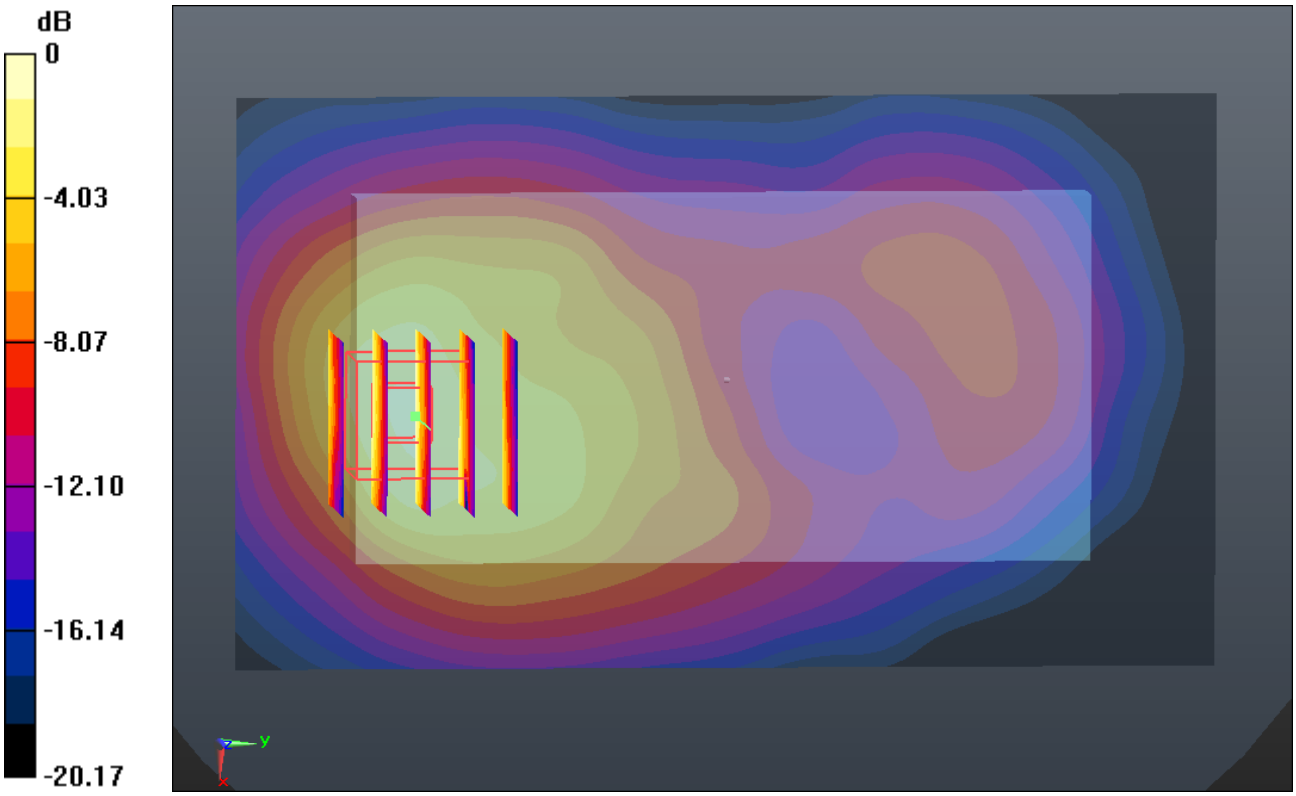
DUT: 342701

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130523 Medium parameters used: f = 1909 MHz; σ = 1.559 mho/m; ε_r = 53.113; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 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 (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.225 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.466 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.837 W/kg
SAR(1 g) = 1.170 mW/g; SAR(10 g) = 0.630 mW/g
Maximum value of SAR (measured) = 1.551 mW/g



0 dB = 1.550mW/g

#50 CDMA2000 BC1_RTAP 153.6_Bottom Side 1cm_Ch25

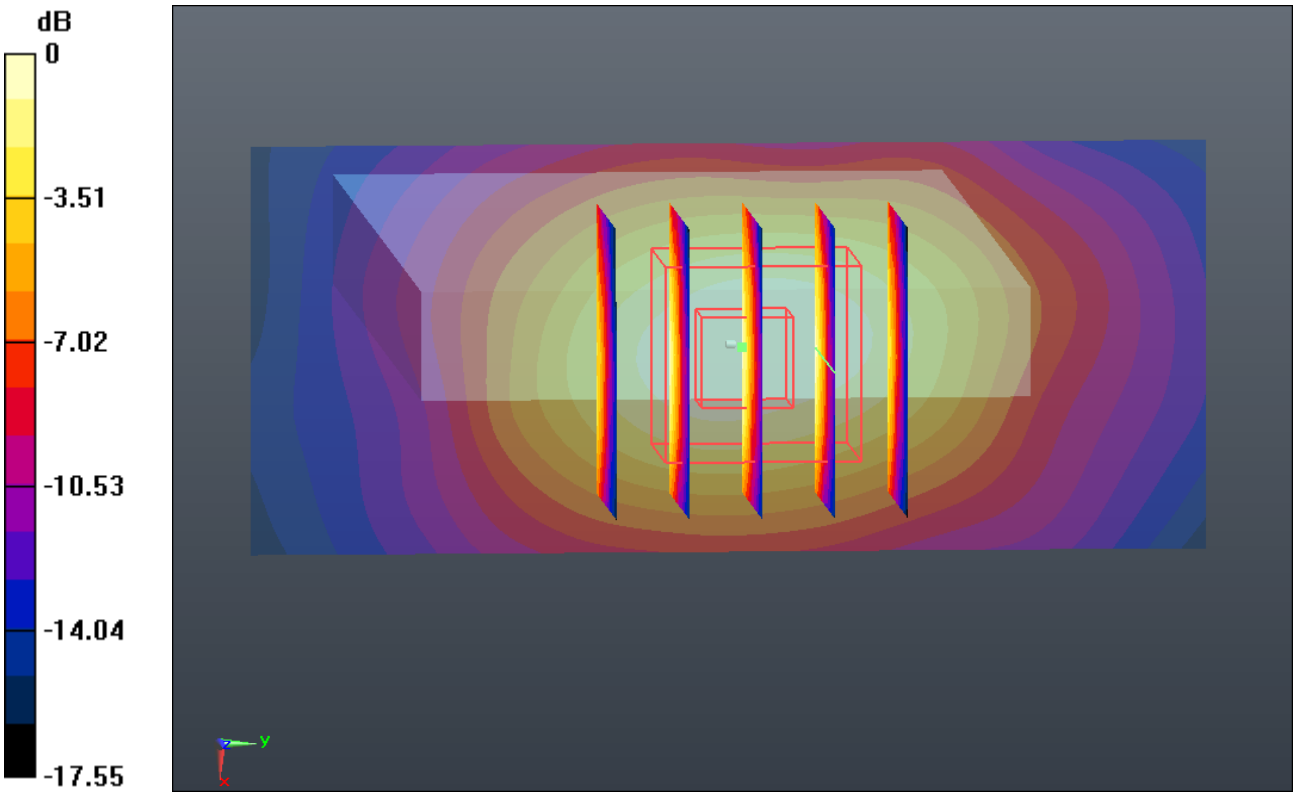
DUT: 342701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130523 Medium parameters used: f = 1851.25 MHz; σ = 1.491 mho/m; ε_r = 53.25; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 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) = 1.322 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.312 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.339 W/kg
SAR(1 g) = 0.885 mW/g; SAR(10 g) = 0.500 mW/g
Maximum value of SAR (measured) = 1.187 mW/g



0 dB = 1.190mW/g

#51 CDMA2000 BC1_RTAP 153.6_Bottom Side 1cm_Ch1175

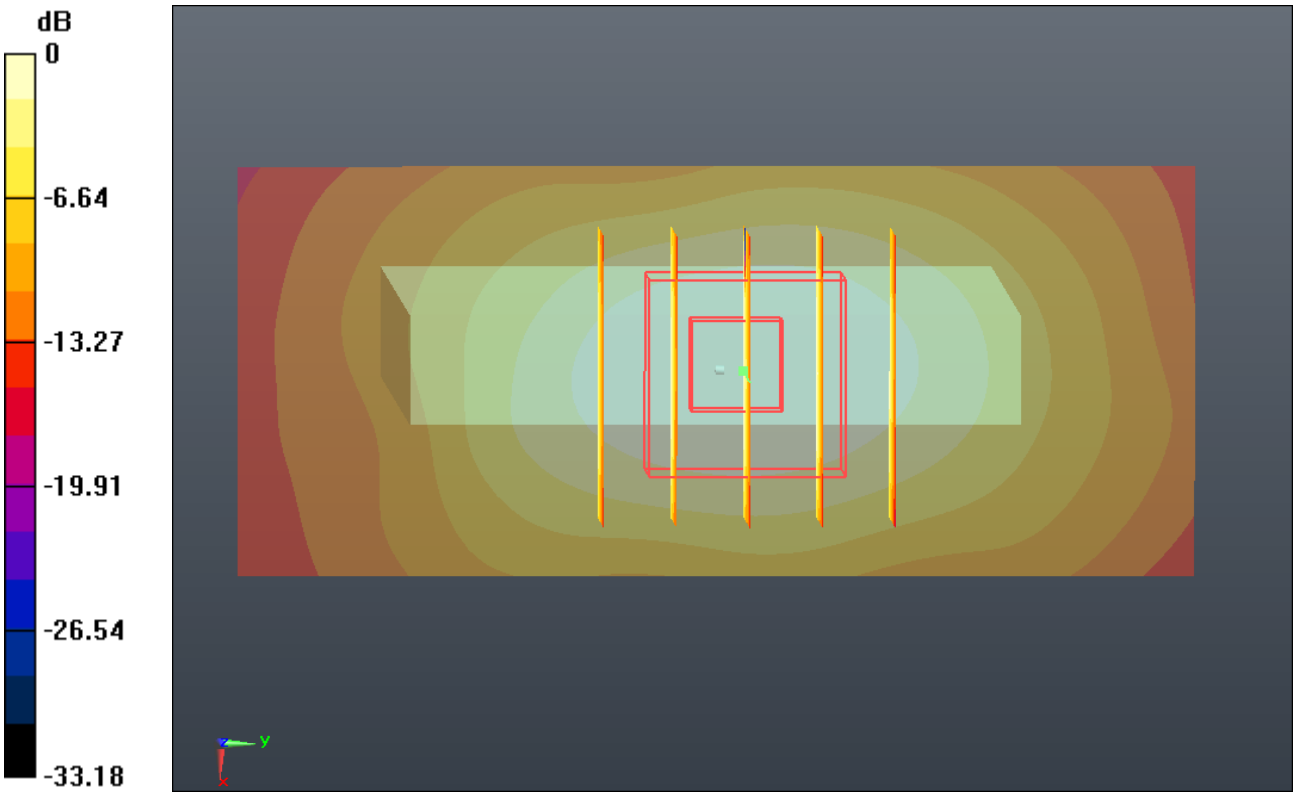
DUT: 342701

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130523 Medium parameters used: f = 1909 MHz; σ = 1.559 mho/m; ε_r = 53.113; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 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) = 1.648 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.344 V/m; Power Drift = -0.0039 dB
Peak SAR (extrapolated) = 3.459 W/kg
SAR(1 g) = 1.050 mW/g; SAR(10 g) = 0.609 mW/g
Maximum value of SAR (measured) = 1.315 mW/g



0 dB = 1.310mW/g

#65 LTE Band 13_10M_QPSK 1RB 0offset_Front 1cm_Ch23230

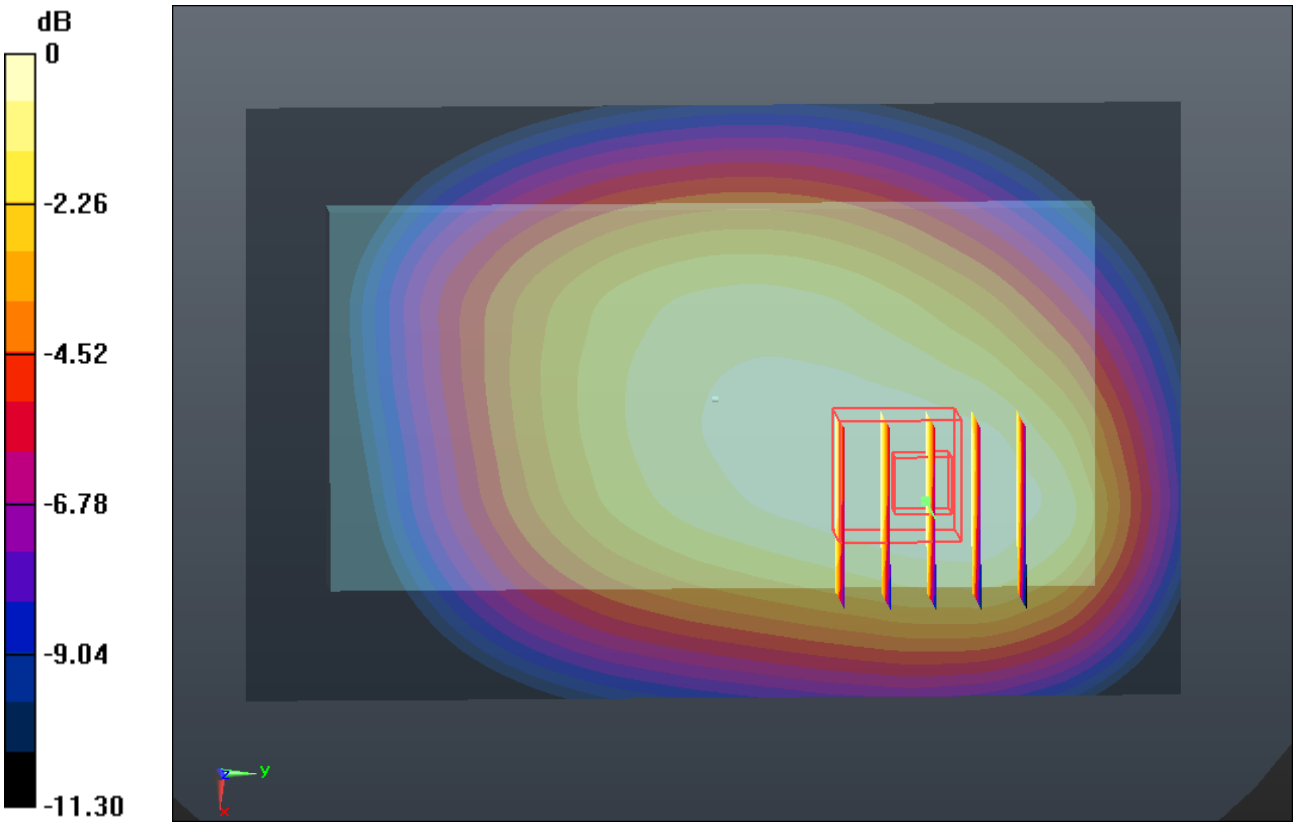
DUT: 342701

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_130521 Medium parameters used: f = 782 MHz; σ = 0.996 mho/m; ε_r = 53.964; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.18, 9.18, 9.18); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.676 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.101 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.743 W/kg
SAR(1 g) = 0.571 mW/g; SAR(10 g) = 0.432 mW/g
Maximum value of SAR (measured) = 0.666 mW/g



0 dB = 0.670mW/g

#66 LTE Band 13_10M_QPSK 1RB 0offset_Back 1cm_Ch23230

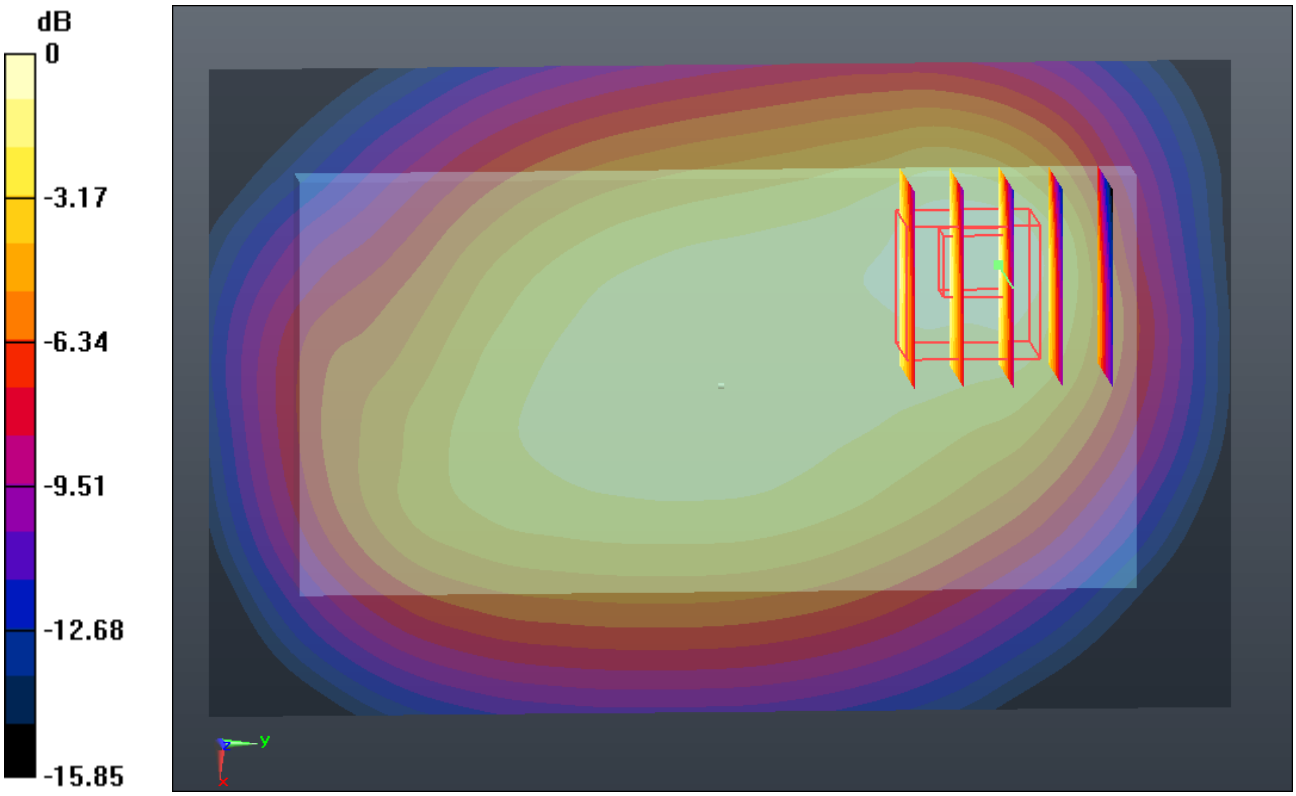
DUT: 342701

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_130521 Medium parameters used: f = 782 MHz; σ = 0.996 mho/m; ε_r = 53.964; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.18, 9.18, 9.18); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.840 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.473 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.984 W/kg
SAR(1 g) = 0.676 mW/g; SAR(10 g) = 0.448 mW/g
Maximum value of SAR (measured) = 0.828 mW/g



0 dB = 0.830mW/g

#67 LTE Band 13_10M_QPSK 1RB 0offset_Right Side 1cm_Ch23230

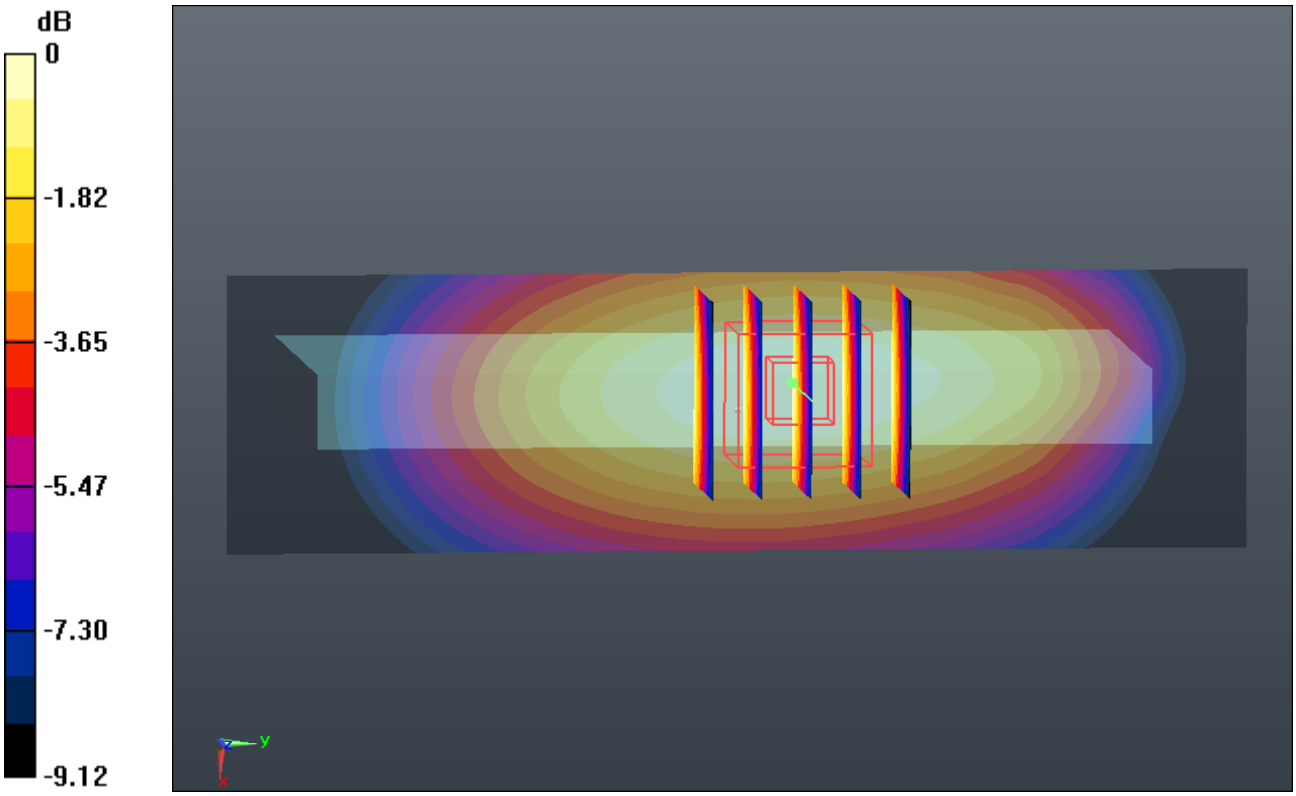
DUT: 342701

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_130521 Medium parameters used: f = 782 MHz; σ = 0.996 mho/m; ε_r = 53.964; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.18, 9.18, 9.18); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.782 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.902 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.883 W/kg
SAR(1 g) = 0.648 mW/g; SAR(10 g) = 0.456 mW/g
Maximum value of SAR (measured) = 0.782 mW/g



0 dB = 0.780mW/g

#68 LTE Band 13_10M_QPSK 1RB 0offset_Top Side 1cm_Ch23230

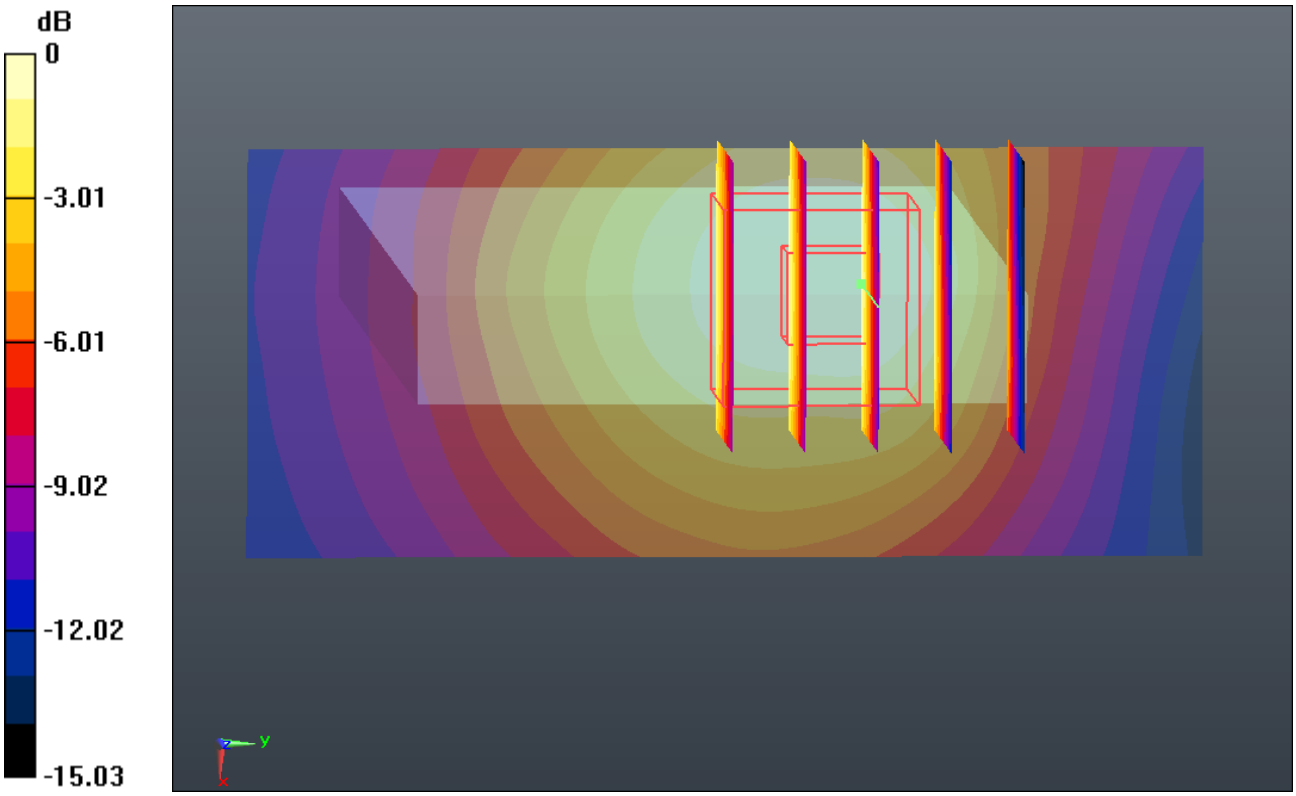
DUT: 342701

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_130521 Medium parameters used: f = 782 MHz; σ = 0.996 mho/m; ε_r = 53.964; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.18, 9.18, 9.18); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.306 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.517 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.371 W/kg
SAR(1 g) = 0.236 mW/g; SAR(10 g) = 0.154 mW/g
Maximum value of SAR (measured) = 0.302 mW/g



0 dB = 0.300mW/g

#70 LTE Band 13_10M_QPSK 25RB 0offset_Front 1cm_Ch23230

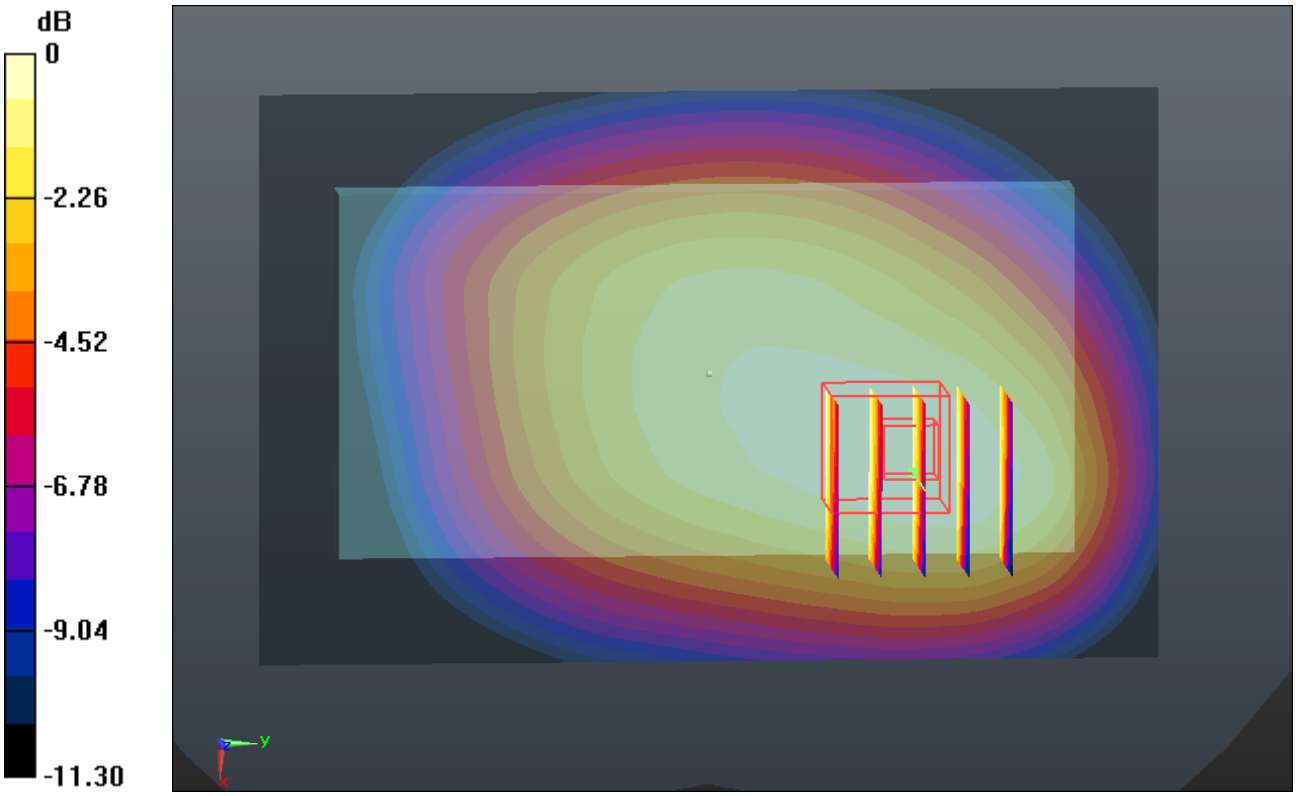
DUT: 342701

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_130521 Medium parameters used: f = 782 MHz; σ = 0.996 mho/m; ε_r = 53.964; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.18, 9.18, 9.18); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.474 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.472 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.535 W/kg
SAR(1 g) = 0.409 mW/g; SAR(10 g) = 0.309 mW/g
Maximum value of SAR (measured) = 0.476 mW/g



0 dB = 0.480mW/g

#71 LTE Band 13_10M_QPSK 25RB 0offset_Back 1cm_Ch23230

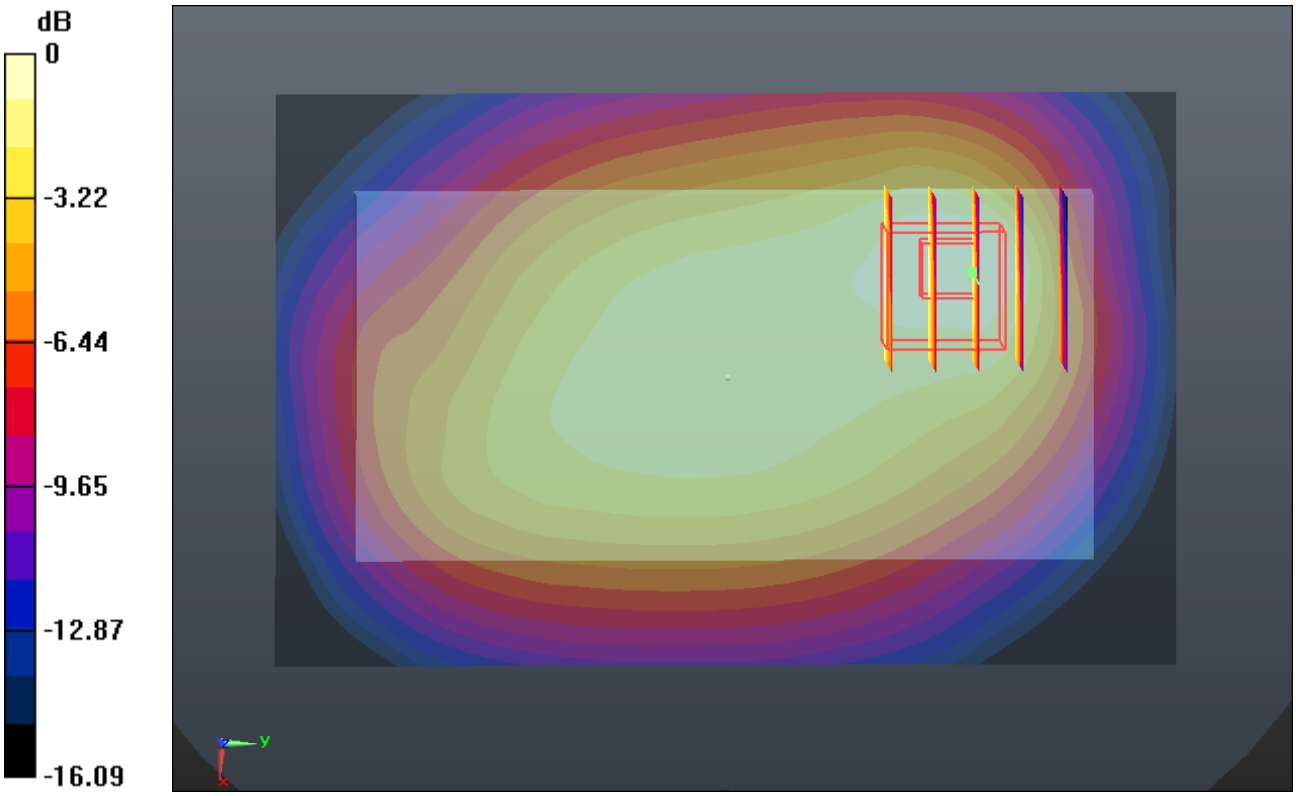
DUT: 342701

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_130521 Medium parameters used: f = 782 MHz; σ = 0.996 mho/m; ε_r = 53.964; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.18, 9.18, 9.18); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.615 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.647 V/m; Power Drift = -0.0086 dB
Peak SAR (extrapolated) = 0.715 W/kg
SAR(1 g) = 0.489 mW/g; SAR(10 g) = 0.323 mW/g
Maximum value of SAR (measured) = 0.600 mW/g



0 dB = 0.600mW/g

#72 LTE Band 13_10M_QPSK 25RB 0offset_Right Side 1cm_Ch23230

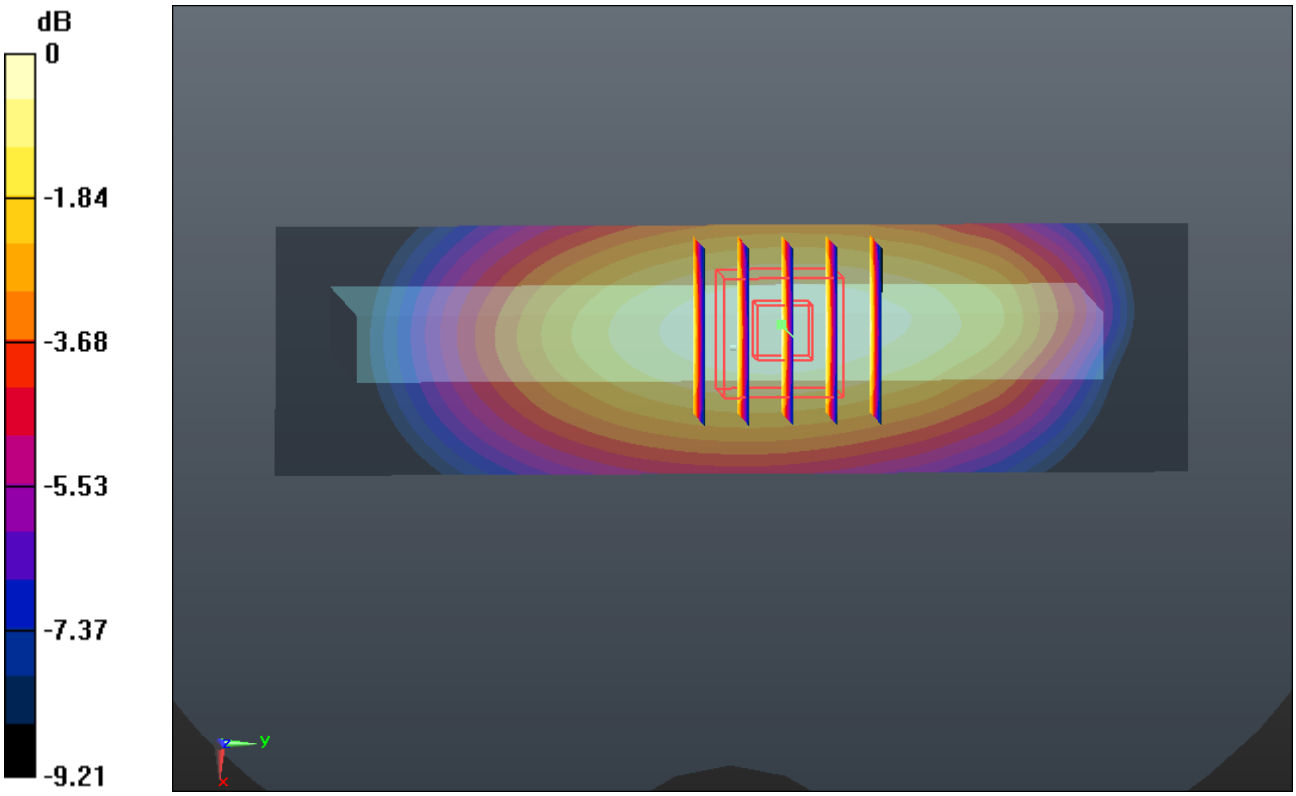
DUT: 342701

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_130521 Medium parameters used: f = 782 MHz; σ = 0.996 mho/m; ε_r = 53.964; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.18, 9.18, 9.18); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.558 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.867 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.638 W/kg
SAR(1 g) = 0.466 mW/g; SAR(10 g) = 0.328 mW/g
Maximum value of SAR (measured) = 0.564 mW/g



0 dB = 0.560mW/g

#73 LTE Band 13_10M_QPSK 25RB 0offset_Top Side 1cm_Ch23230

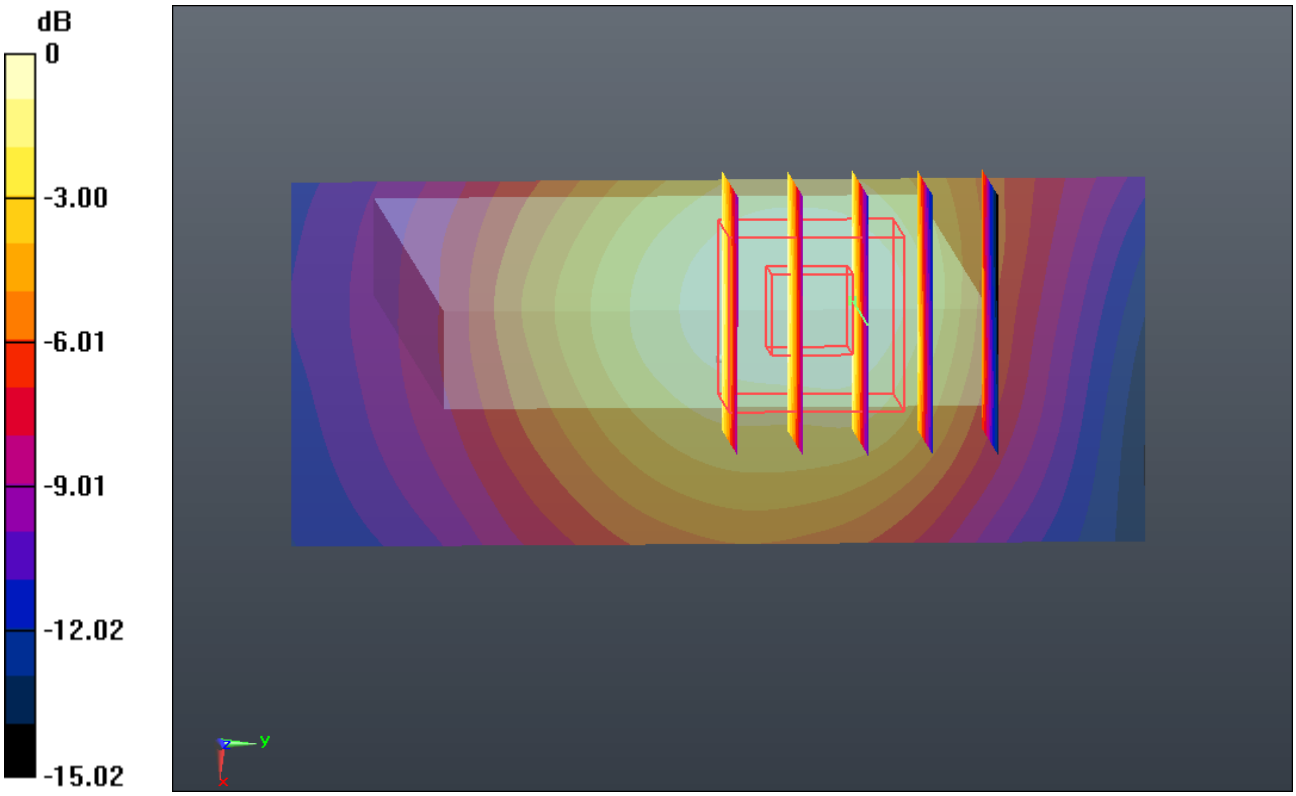
DUT: 342701

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_130521 Medium parameters used: f = 782 MHz; σ = 0.996 mho/m; ε_r = 53.964; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.18, 9.18, 9.18); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.218 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.201 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.266 W/kg
SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.109 mW/g
Maximum value of SAR (measured) = 0.212 mW/g



0 dB = 0.210mW/g

#74 802.11b_Front 1cm_1M_Ch11

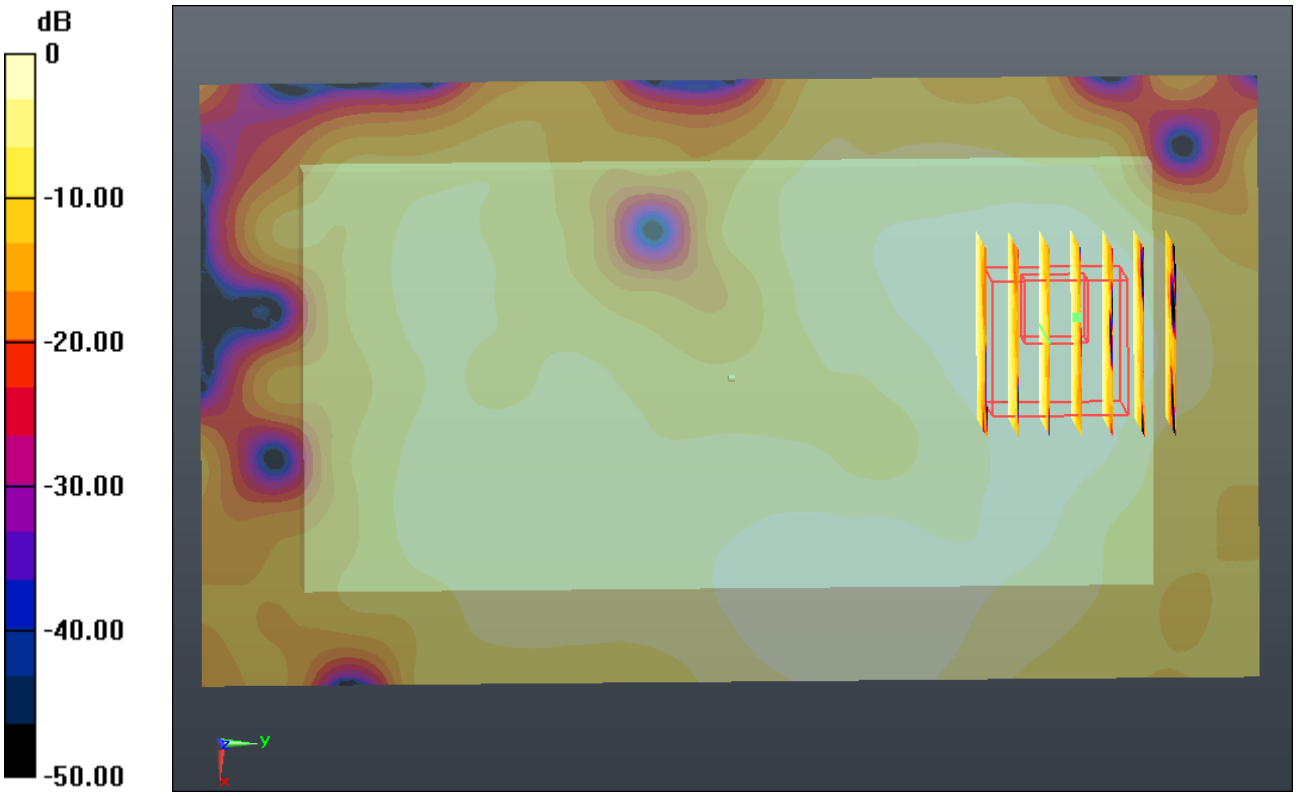
DUT: 342701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130524 Medium parameters used: f = 2462 MHz; σ = 1.958 mho/m; ε_r = 50.897; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.050 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.599 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.060 W/kg
SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.017 mW/g
Maximum value of SAR (measured) = 0.046 mW/g



0 dB = 0.050mW/g

#75 802.11b_Back 1cm_1M_Ch11

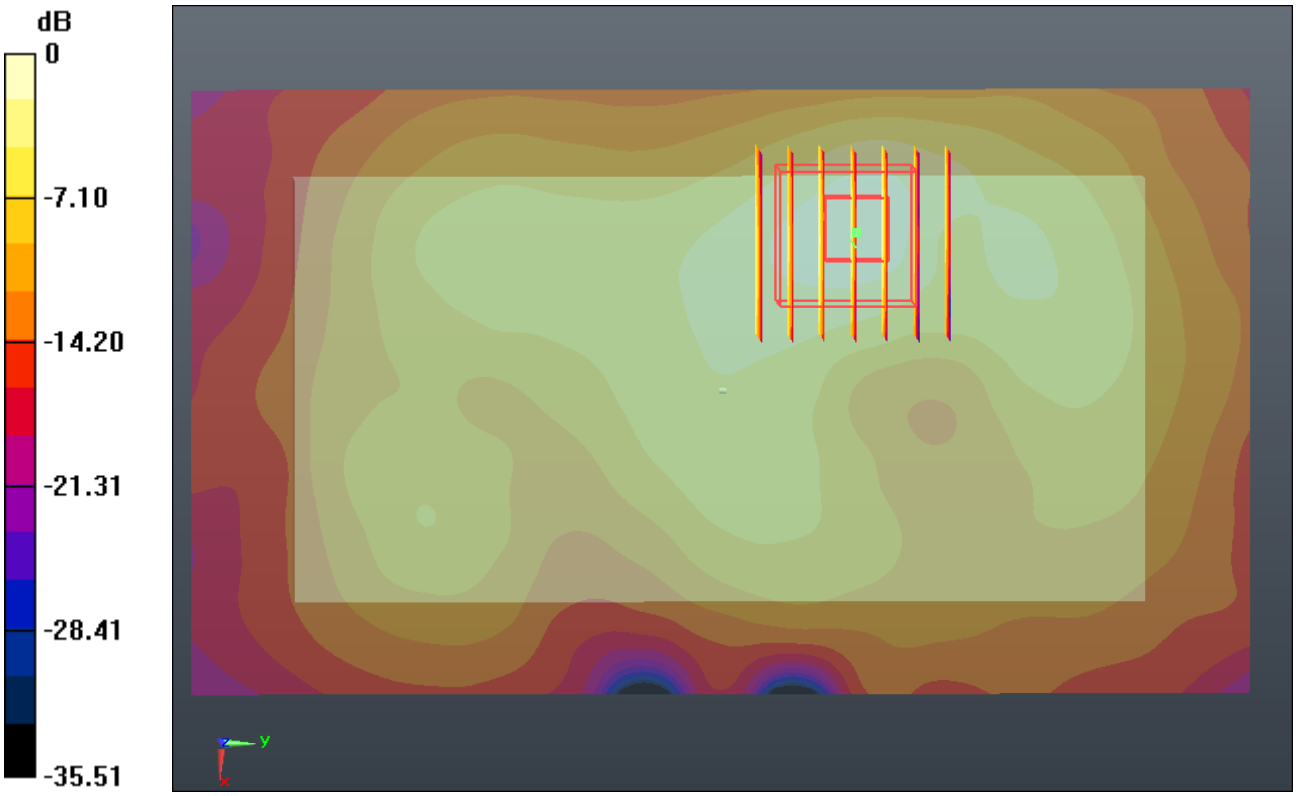
DUT: 342701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130524 Medium parameters used: f = 2462 MHz; σ = 1.958 mho/m; ε_r = 50.897; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.317 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.277 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.452 W/kg
SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.096 mW/g
Maximum value of SAR (measured) = 0.318 mW/g



0 dB = 0.320mW/g

#76 802.11b_Right Side 1cm_1M_Ch11

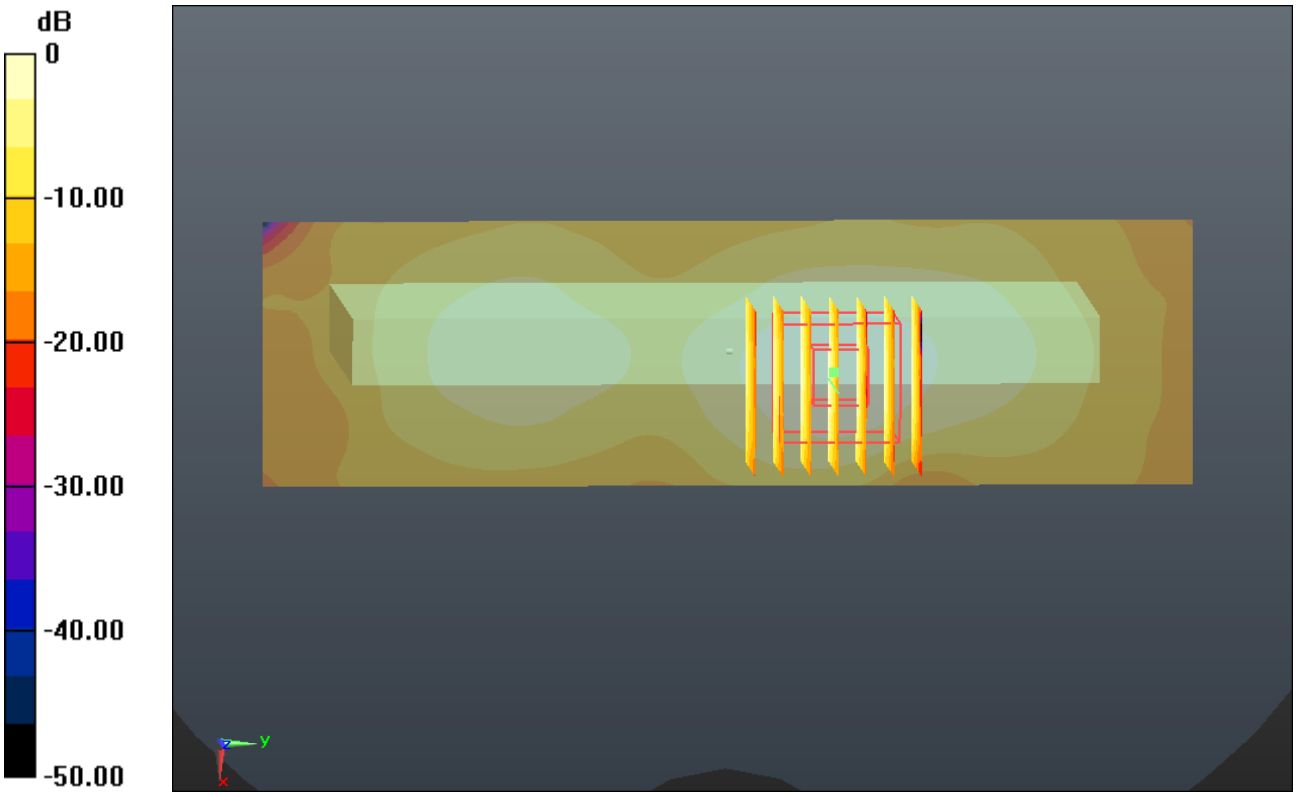
DUT: 342701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130524 Medium parameters used: f = 2462 MHz; σ = 1.958 mho/m; ε_r = 50.897; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (41x141x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.229 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.910 V/m; Power Drift = -0.021 dB
Peak SAR (extrapolated) = 0.321 W/kg
SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.076 mW/g
Maximum value of SAR (measured) = 0.233 mW/g



0 dB = 0.230mW/g

#35 CDMA2000 BC0_RC3 SO32_Front 1cm_Ch1013

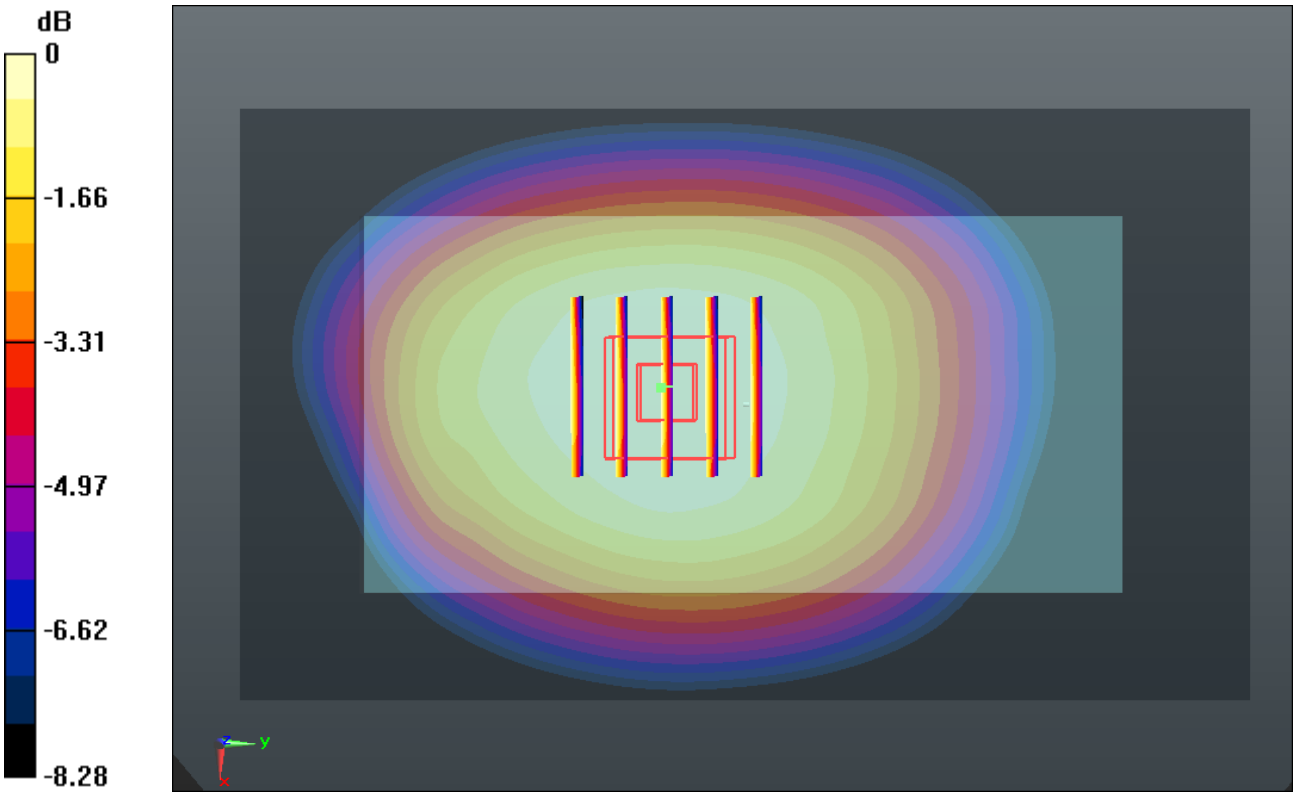
DUT: 342701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_130521 Medium parameters used: f = 825 MHz; σ = 0.972 mho/m; ε_r = 54.962; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; 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 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)

Ch1013/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.701 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.061 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.761 W/kg
SAR(1 g) = 0.615 mW/g; SAR(10 g) = 0.477 mW/g
Maximum value of SAR (measured) = 0.698 mW/g



0 dB = 0.700mW/g

#36 CDMA2000 BC0_RC3 SO32_Back 1cm_Ch1013

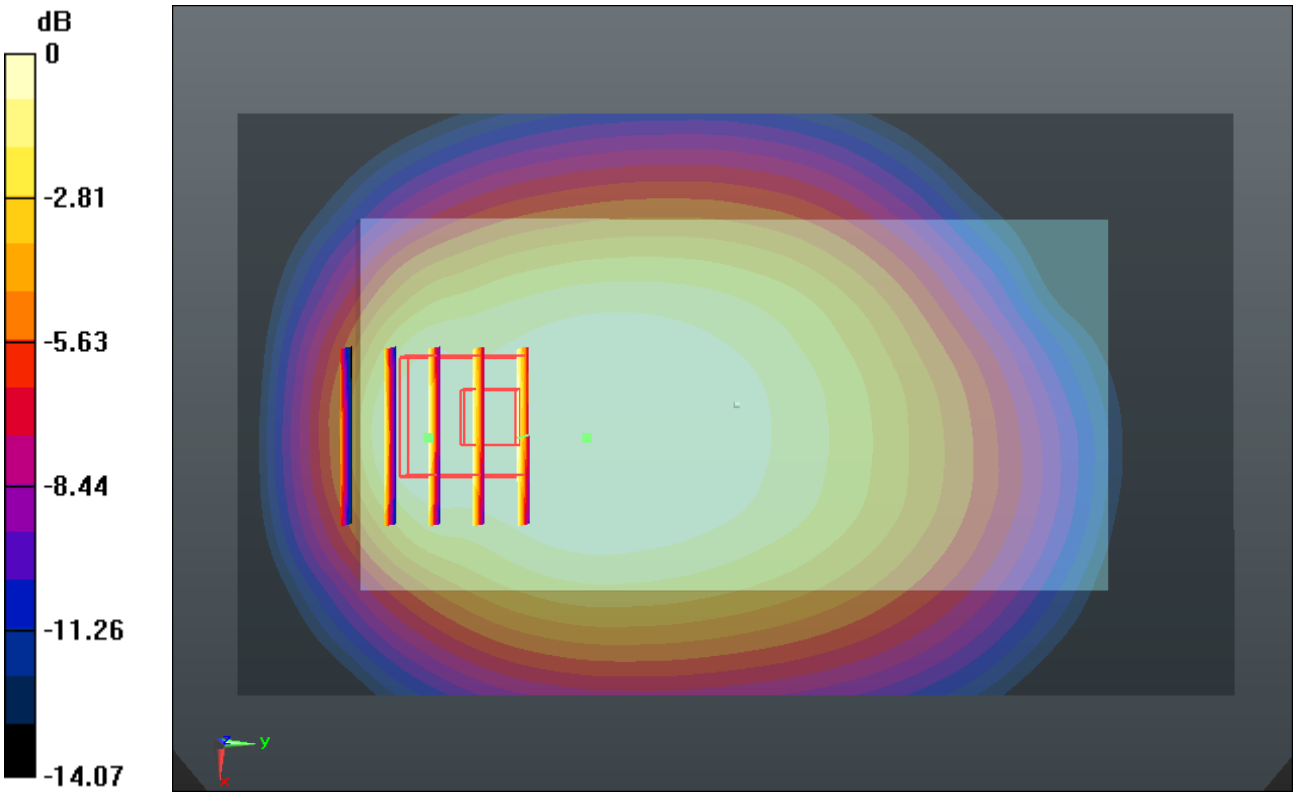
DUT: 342701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_130521 Medium parameters used: f = 825 MHz; σ = 0.972 mho/m; ε_r = 54.962; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; 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 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)

Ch1013/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.048 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.530 V/m; Power Drift = -0.0024 dB
Peak SAR (extrapolated) = 1.098 W/kg
SAR(1 g) = 0.723 mW/g; SAR(10 g) = 0.507 mW/g
Maximum value of SAR (measured) = 0.913 mW/g



0 dB = 0.910mW/g

#37 CDMA2000 BC0_RETAP 4096_Back 1cm_Ch1013

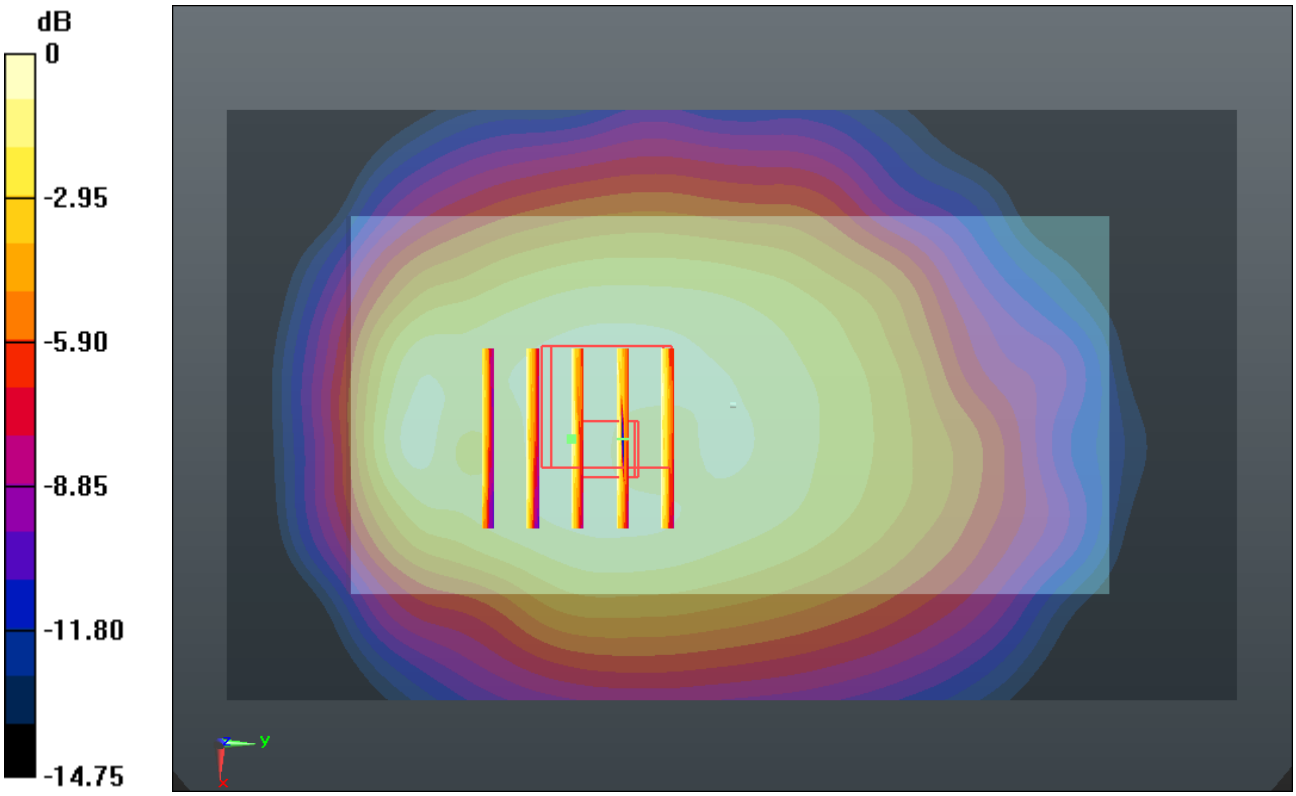
DUT: 342701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_130521 Medium parameters used: f = 825 MHz; σ = 0.972 mho/m; ε_r = 54.962; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; 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 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)

Ch1013/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.043 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.219 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.348 W/kg
SAR(1 g) = 0.893 mW/g; SAR(10 g) = 0.602 mW/g
Maximum value of SAR (measured) = 1.068 mW/g



0 dB = 1.070mW/g

#38 CDMA2000 BC0_RETAP 4096_Back 1cm_Ch1013_Repeat SAR

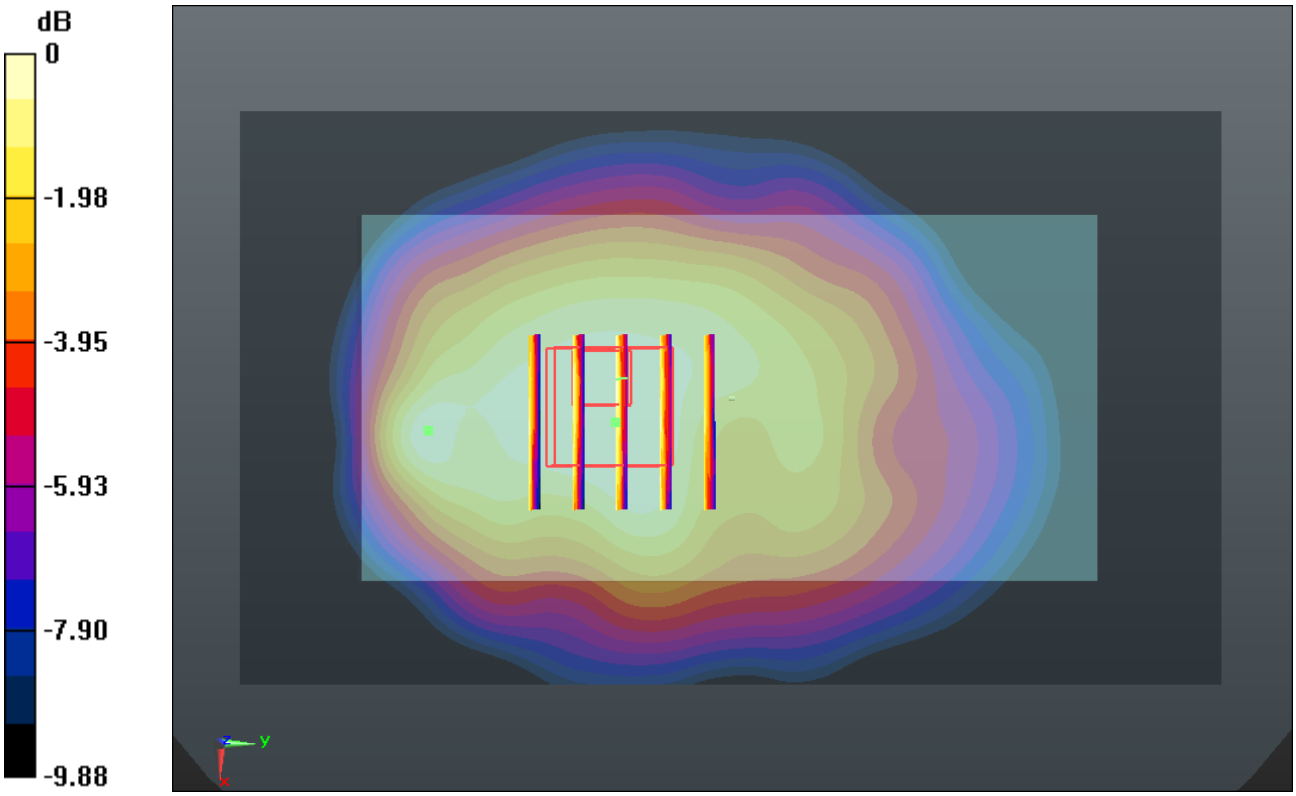
DUT: 342701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_130521 Medium parameters used: f = 825 MHz; σ = 0.972 mho/m; ε_r = 54.962; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; 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 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)

Ch1013/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.093 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.972 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.286 W/kg
SAR(1 g) = 0.883 mW/g; SAR(10 g) = 0.638 mW/g
Maximum value of SAR (measured) = 1.036 mW/g



0 dB = 1.040mW/g

#39 CDMA2000 BC0_RETAP 4096_Back 1cm_Ch384

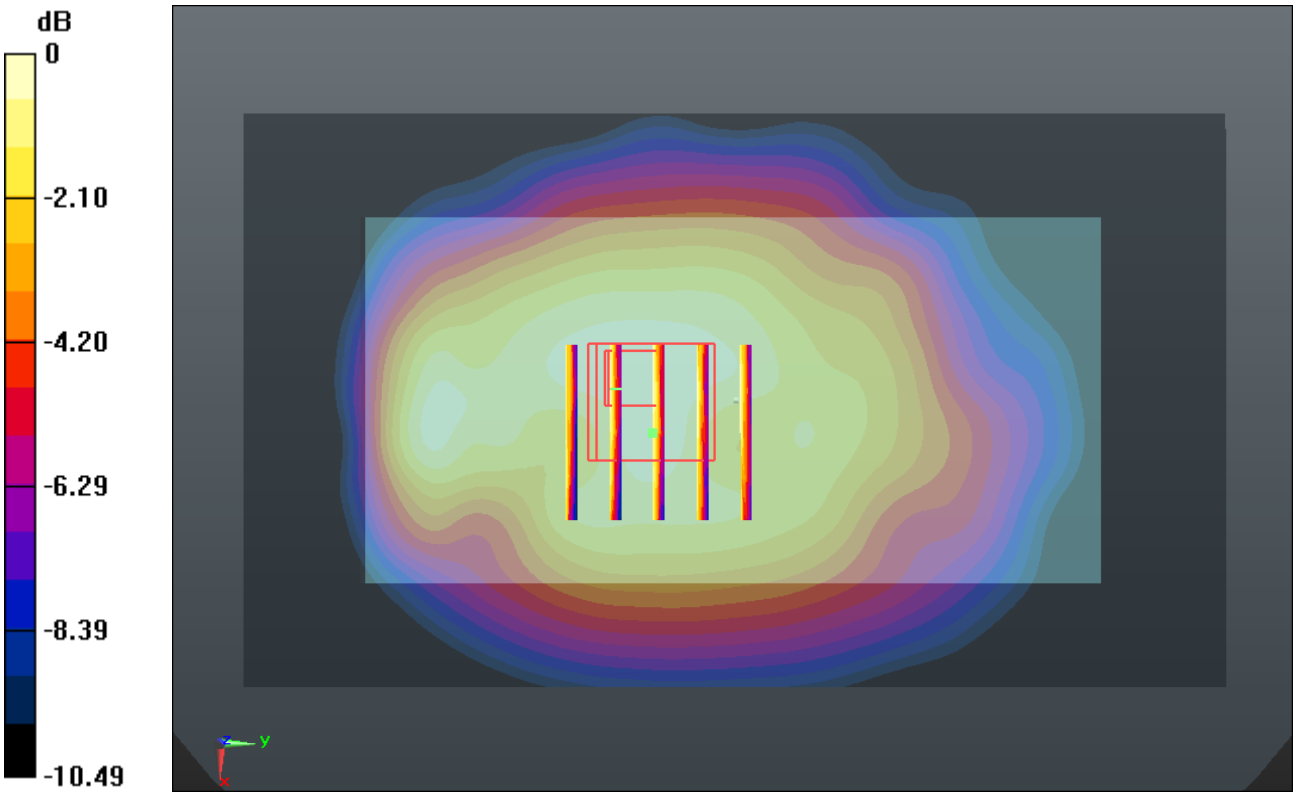
DUT: 342701

Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: MSL_835_130521 Medium parameters used: f = 837 MHz; σ = 0.985 mho/m; ε_r = 54.848; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; 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 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)

Ch384/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.007 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.456 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.339 W/kg
SAR(1 g) = 0.886 mW/g; SAR(10 g) = 0.642 mW/g
Maximum value of SAR (measured) = 1.025 mW/g



0 dB = 1.030mW/g

#40 CDMA2000 BC0_RETAP 4096_Back 1cm_Ch777

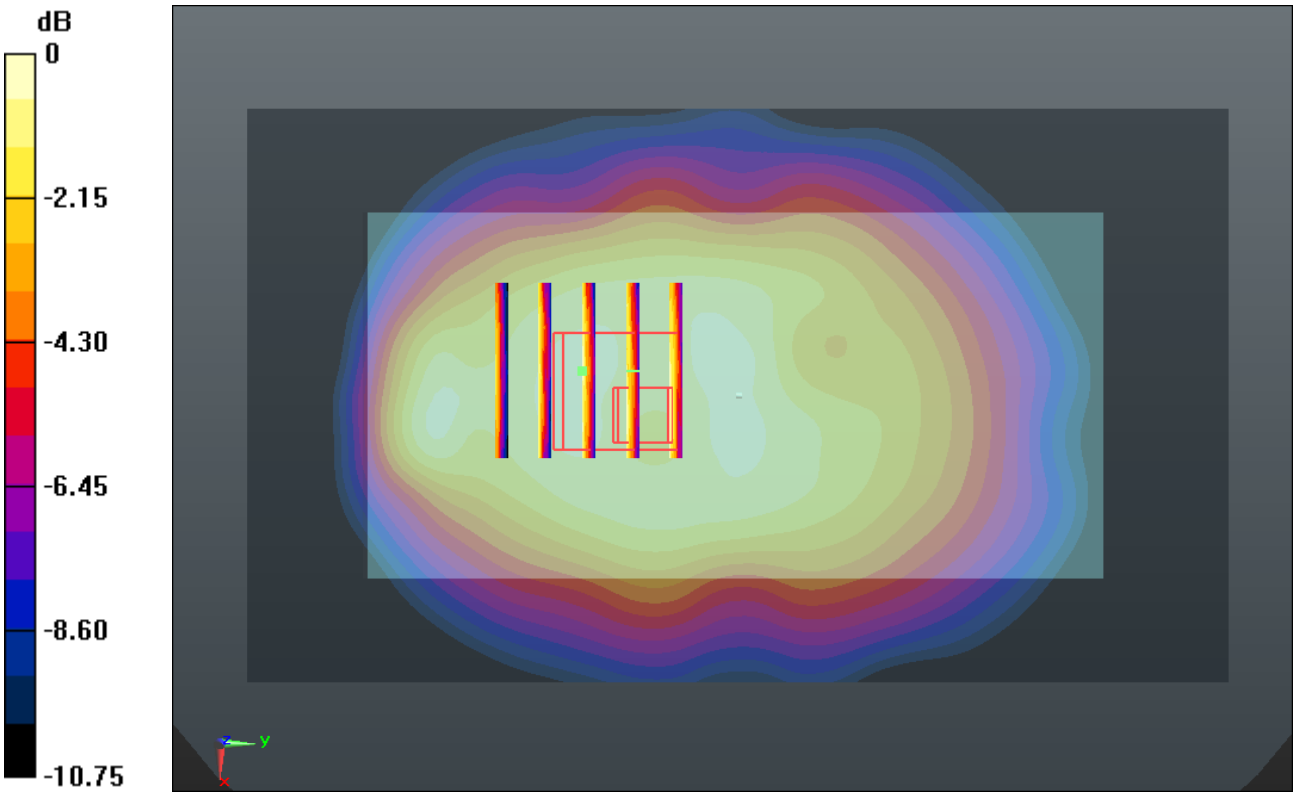
DUT: 342701

Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: MSL_835_130521 Medium parameters used: f = 848.31 MHz; σ = 0.996 mho/m; ε_r = 54.73; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; 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 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)

Ch777/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.845 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.998 V/m; Power Drift = -0.008 dB
Peak SAR (extrapolated) = 1.135 W/kg
SAR(1 g) = 0.788 mW/g; SAR(10 g) = 0.562 mW/g
Maximum value of SAR (measured) = 0.921 mW/g



0 dB = 0.920mW/g

#52 CDMA2000 BC1_RC3 SO32_Front 1cm_Ch600

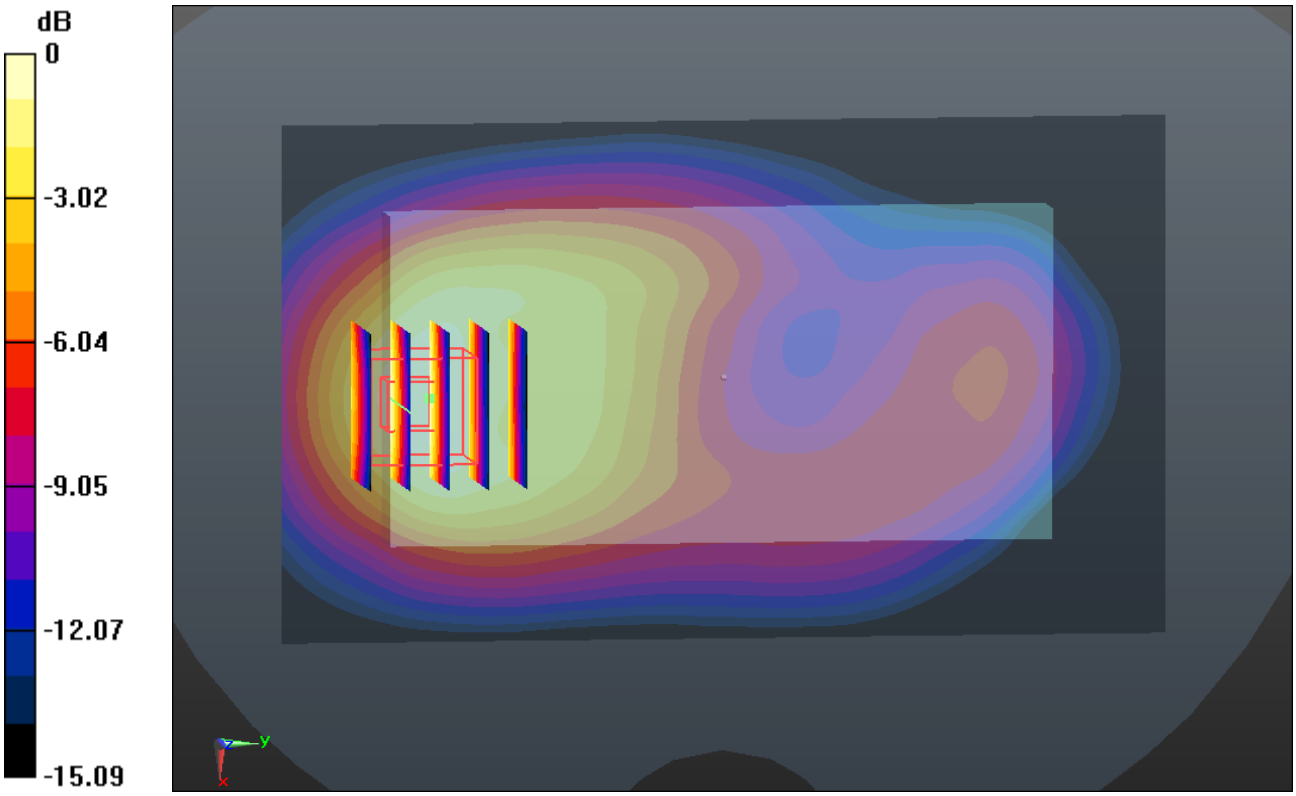
DUT: 342701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130523 Medium parameters used: f = 1880 MHz; σ = 1.526 mho/m; ε_r = 53.194; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 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 (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.015 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.532 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.282 W/kg
SAR(1 g) = 0.820 mW/g; SAR(10 g) = 0.467 mW/g
Maximum value of SAR (measured) = 1.013 mW/g



0 dB = 1.010mW/g

#53 CDMA2000 BC1_RC3 SO32_Back 1cm_Ch600

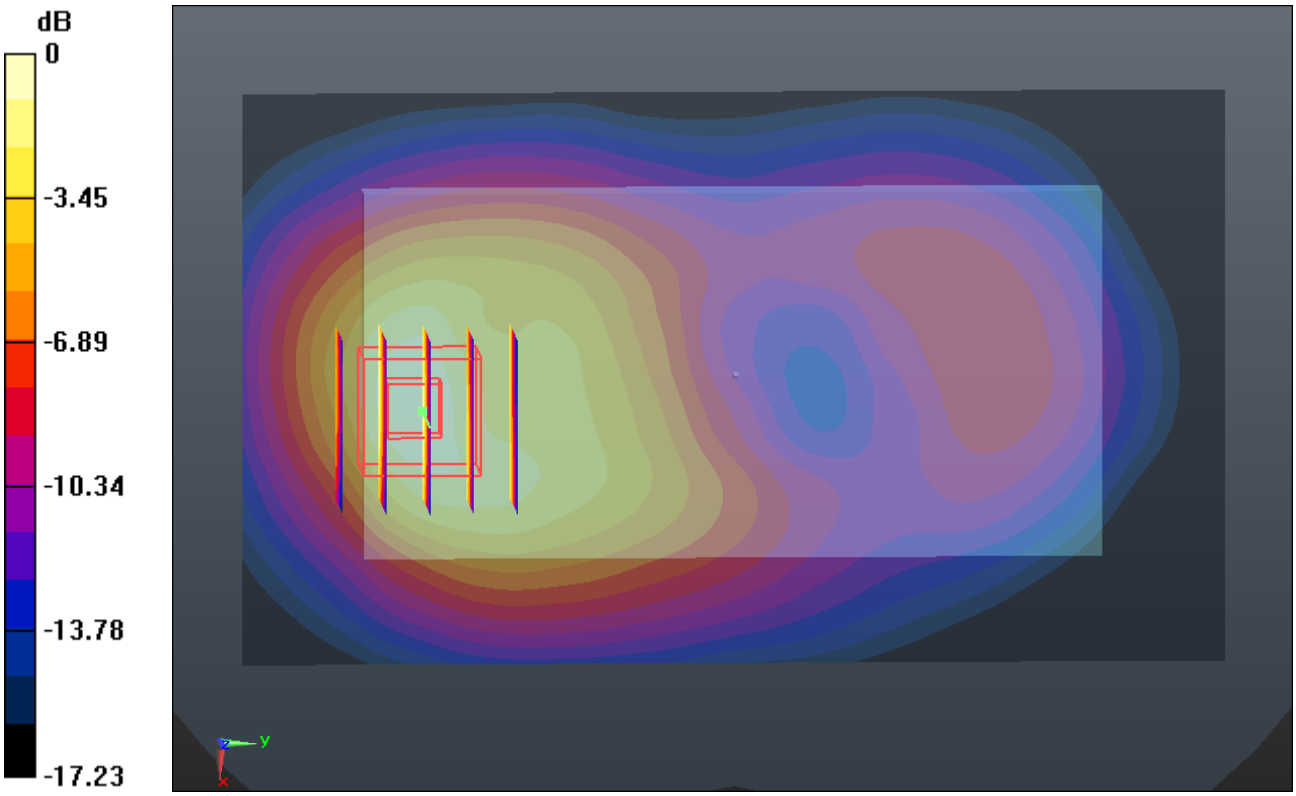
DUT: 342701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130523 Medium parameters used: f = 1880 MHz; σ = 1.526 mho/m; ε_r = 53.194; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 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 (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.450 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.355 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.646 W/kg
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.591 mW/g
Maximum value of SAR (measured) = 1.383 mW/g



0 dB = 1.380mW/g

#54 CDMA2000 BC1_RC3 SO32_Front 1cm_Ch25

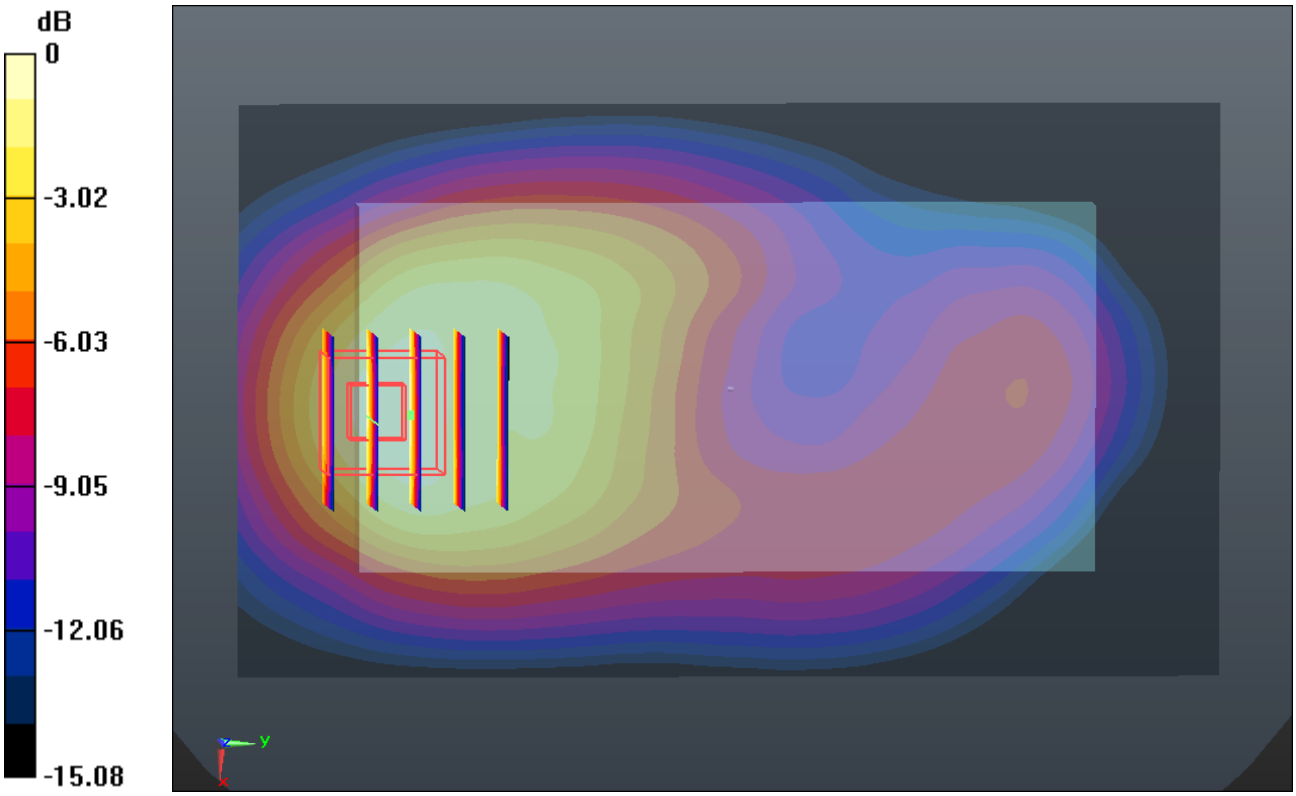
DUT: 342701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130523 Medium parameters used: f = 1851.25 MHz; σ = 1.491 mho/m; ε_r = 53.25; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 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 (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.837 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.763 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.058 W/kg
SAR(1 g) = 0.680 mW/g; SAR(10 g) = 0.394 mW/g
Maximum value of SAR (measured) = 0.877 mW/g



0 dB = 0.880mW/g

#55 CDMA2000 BC1_RC3 SO32_Front 1cm_Ch1175

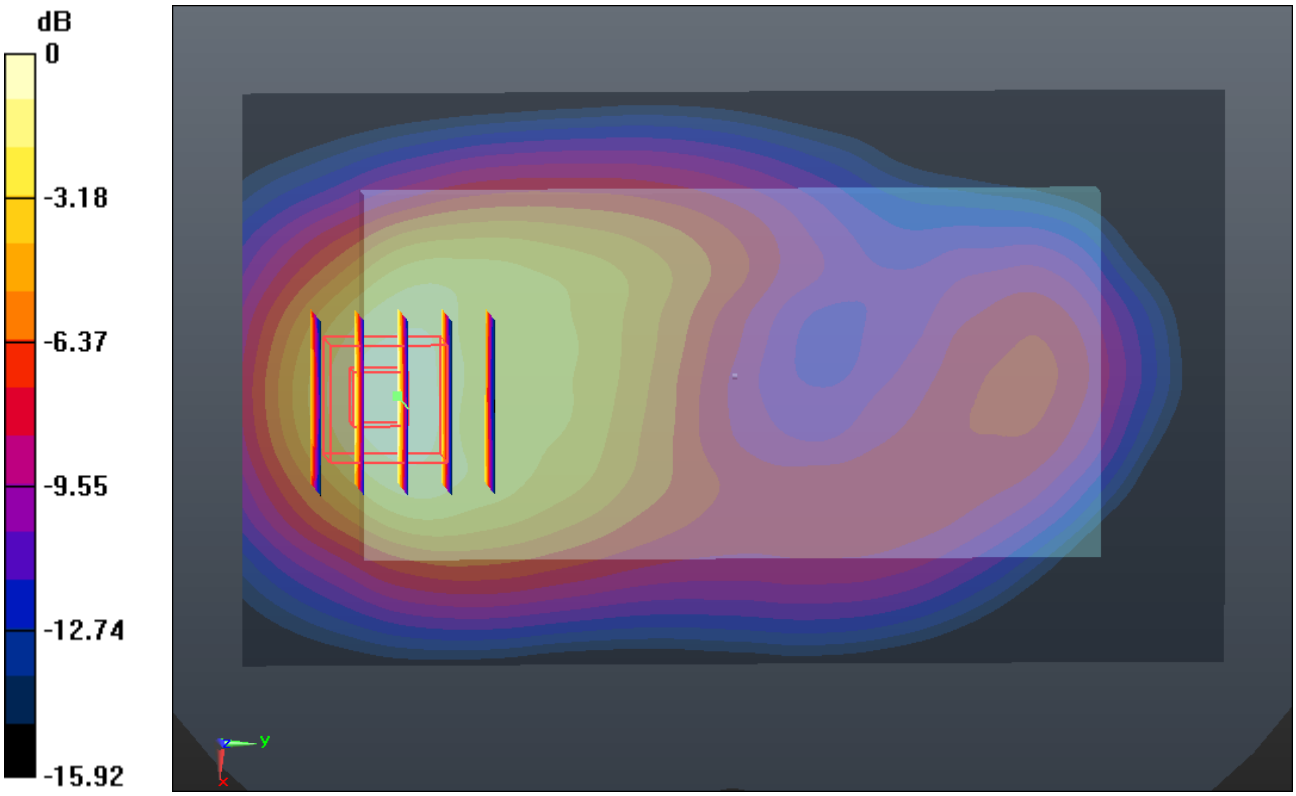
DUT: 342701

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130523 Medium parameters used: f = 1909 MHz; σ = 1.559 mho/m; ε_r = 53.113; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 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 (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.064 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.237 V/m; Power Drift = 0.00013 dB
Peak SAR (extrapolated) = 1.397 W/kg
SAR(1 g) = 0.874 mW/g; SAR(10 g) = 0.488 mW/g
Maximum value of SAR (measured) = 1.129 mW/g



0 dB = 1.130mW/g

#56 CDMA2000 BC1_RC3 SO32_Back 1cm_Ch25

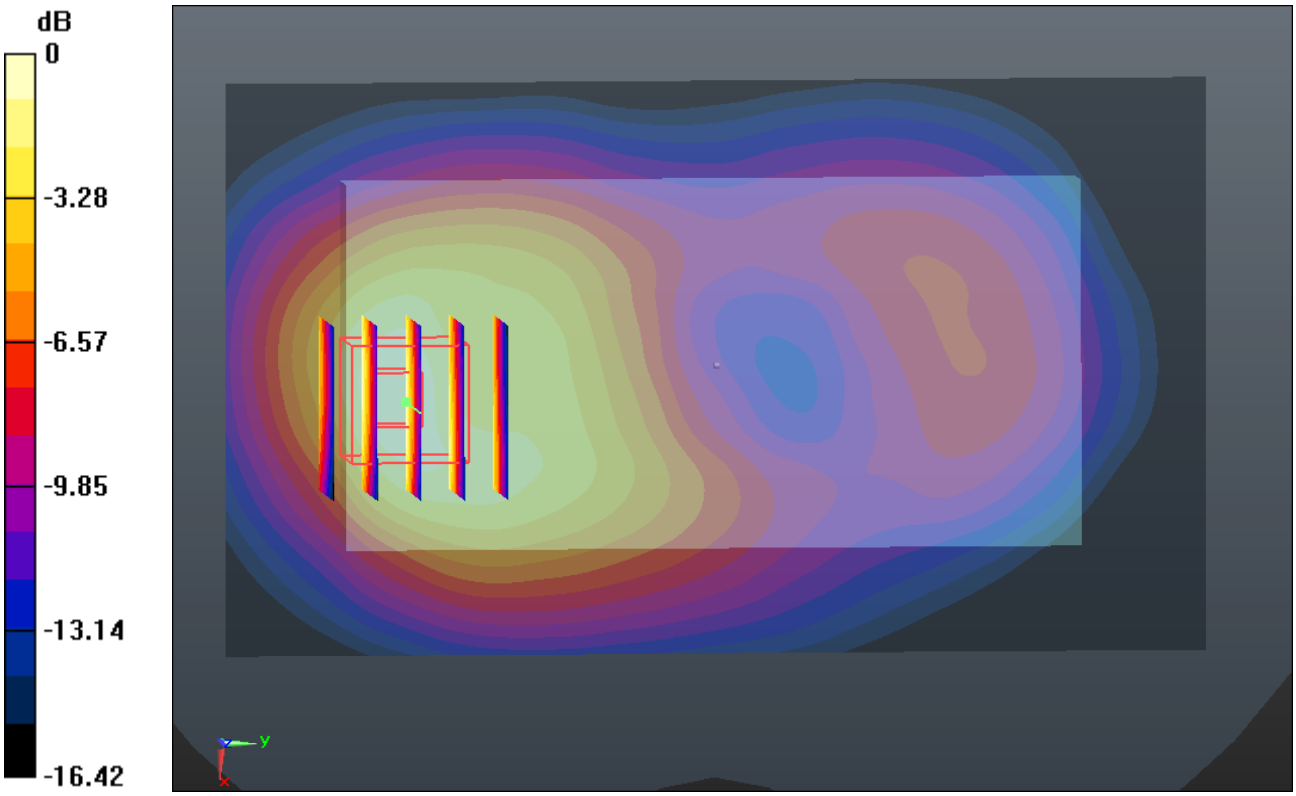
DUT: 342701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130523 Medium parameters used: f = 1851.25 MHz; σ = 1.491 mho/m; ε_r = 53.25; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 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 (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.224 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.601 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.402 W/kg
SAR(1 g) = 0.901 mW/g; SAR(10 g) = 0.516 mW/g
Maximum value of SAR (measured) = 1.175 mW/g



0 dB = 1.180mW/g

#57 CDMA2000 BC1_RC3 SO32_Back 1cm_Ch1175

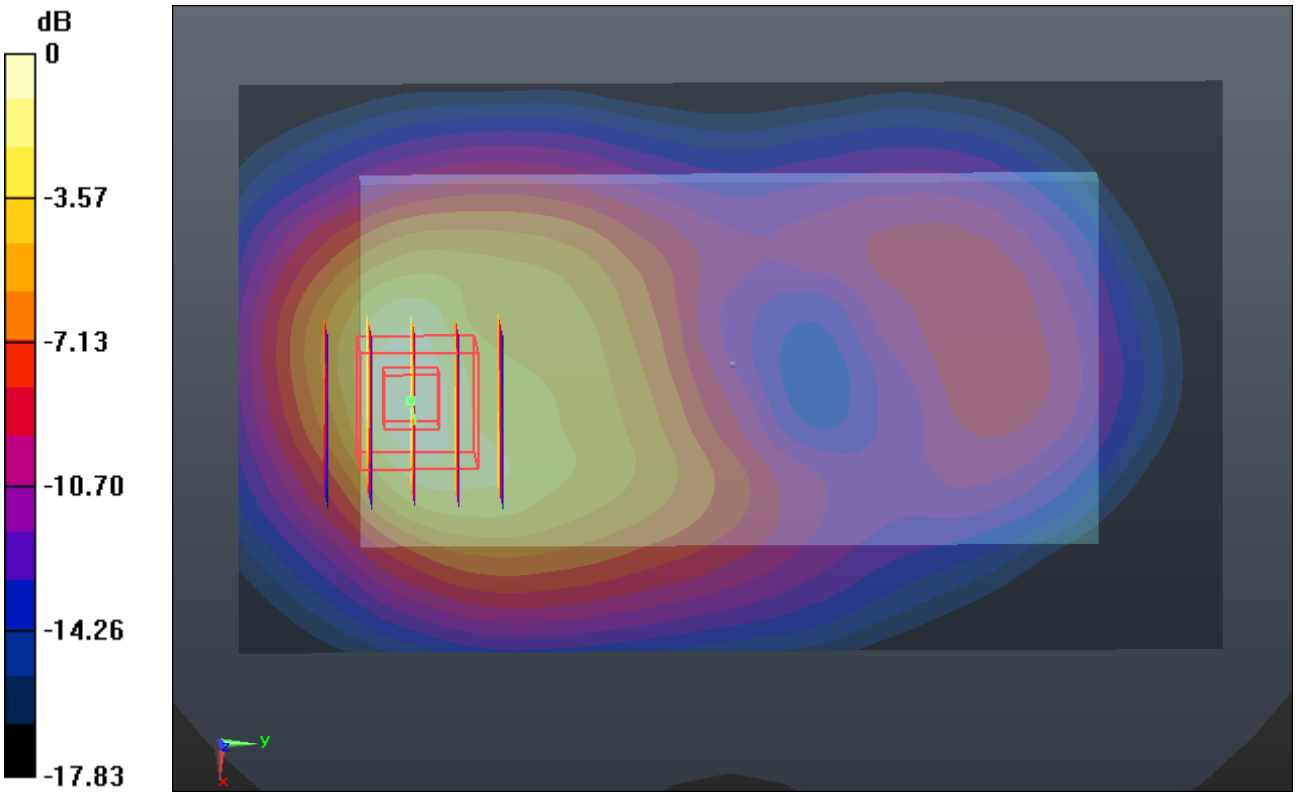
DUT: 342701

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130523 Medium parameters used: f = 1909 MHz; σ = 1.559 mho/m; ε_r = 53.113; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 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 (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.620 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.742 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.901 W/kg
SAR(1 g) = 1.170 mW/g; SAR(10 g) = 0.660 mW/g
Maximum value of SAR (measured) = 1.593 mW/g



0 dB = 1.590mW/g

#64 CDMA2000 BC1_RC3 SO32_Back 1cm_Ch1175_Repeat SAR

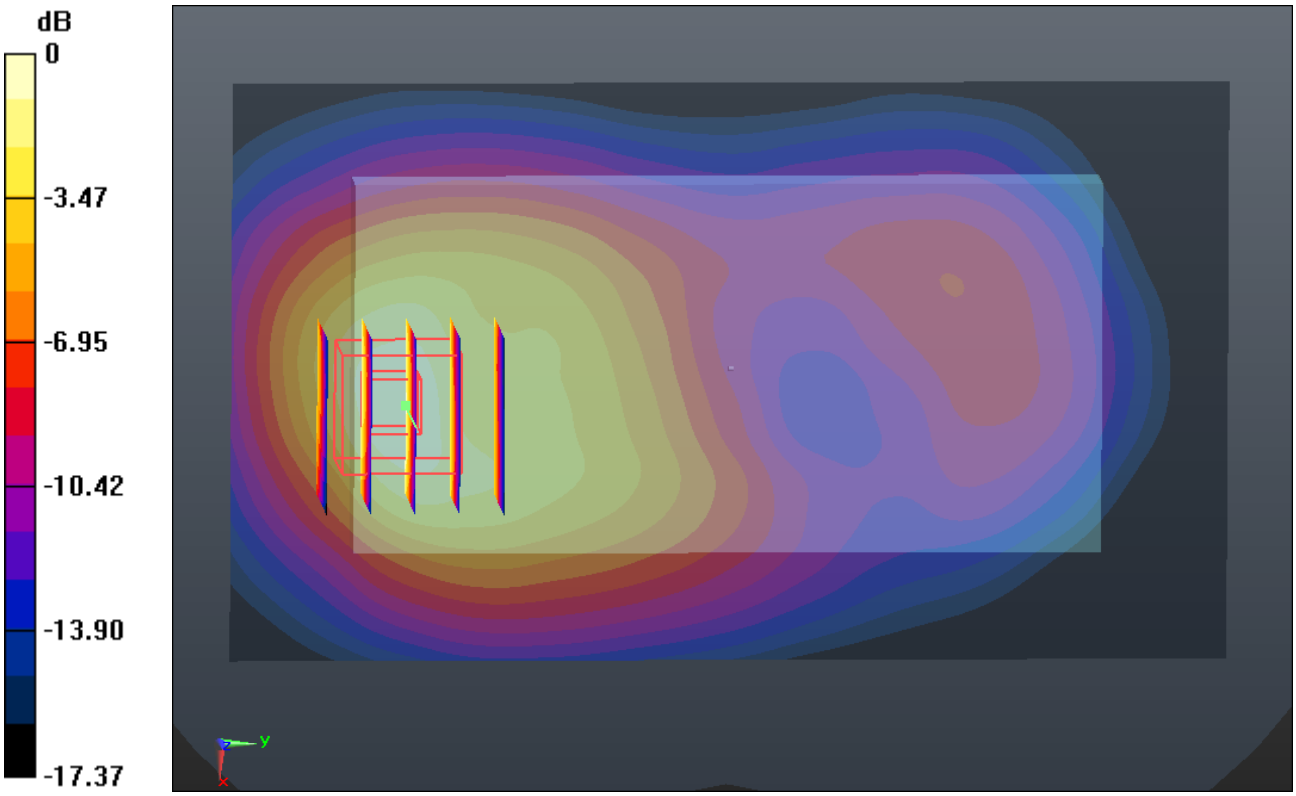
DUT: 342701

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130523 Medium parameters used: f = 1909 MHz; σ = 1.559 mho/m; ε_r = 53.113; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 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 (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.472 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.342 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.721 W/kg
SAR(1 g) = 1.160 mW/g; SAR(10 g) = 0.65 mW/g
Maximum value of SAR (measured) = 1.405 mW/g



0 dB = 1.410mW/g

#58 CDMA2000 BC1_RETAP 4096_Back 1cm_Ch1175

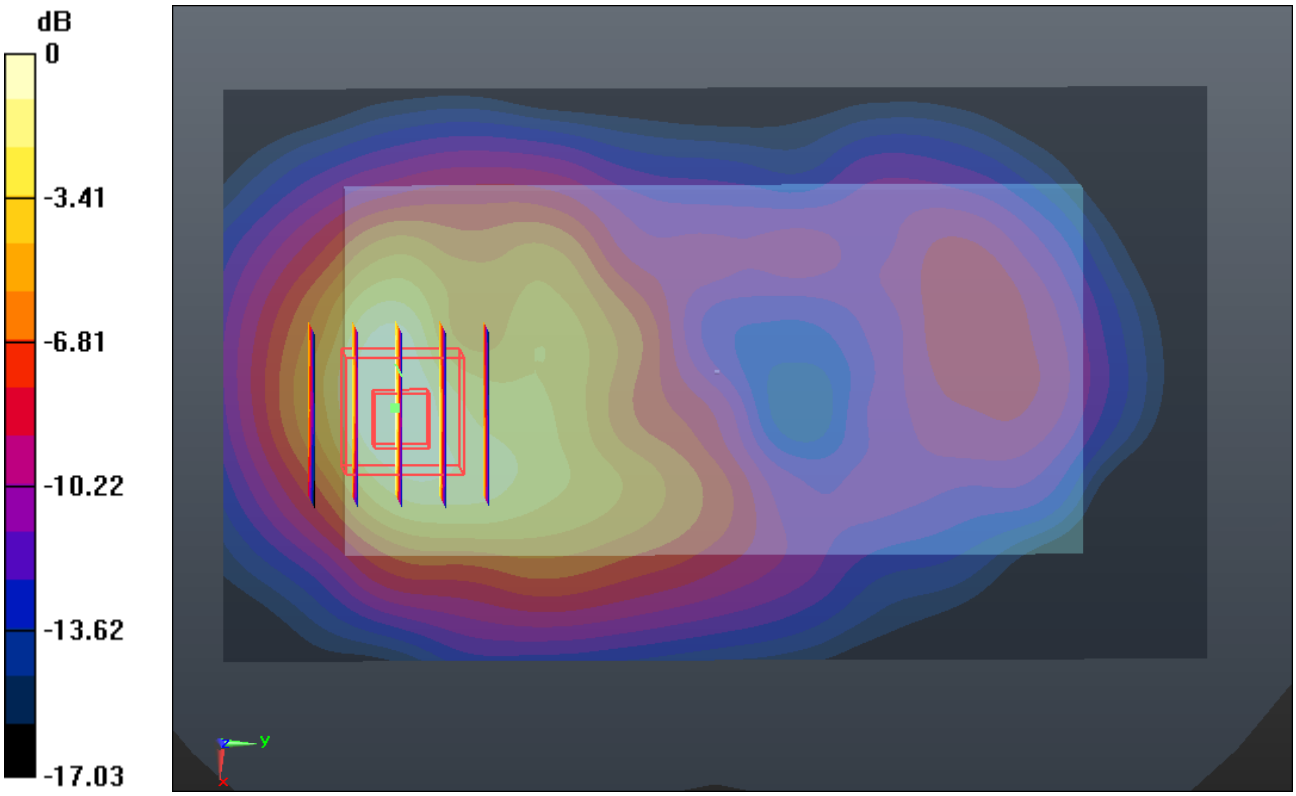
DUT: 342701

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130523 Medium parameters used: f = 1909 MHz; σ = 1.559 mho/m; ε_r = 53.113; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 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 (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.592 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.556 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.985 W/kg
SAR(1 g) = 1.070 mW/g; SAR(10 g) = 0.622 mW/g
Maximum value of SAR (measured) = 1.414 mW/g



0 dB = 1.410mW/g

#59 CDMA2000 BC1_RETAP 4096_Back 1cm_Ch25

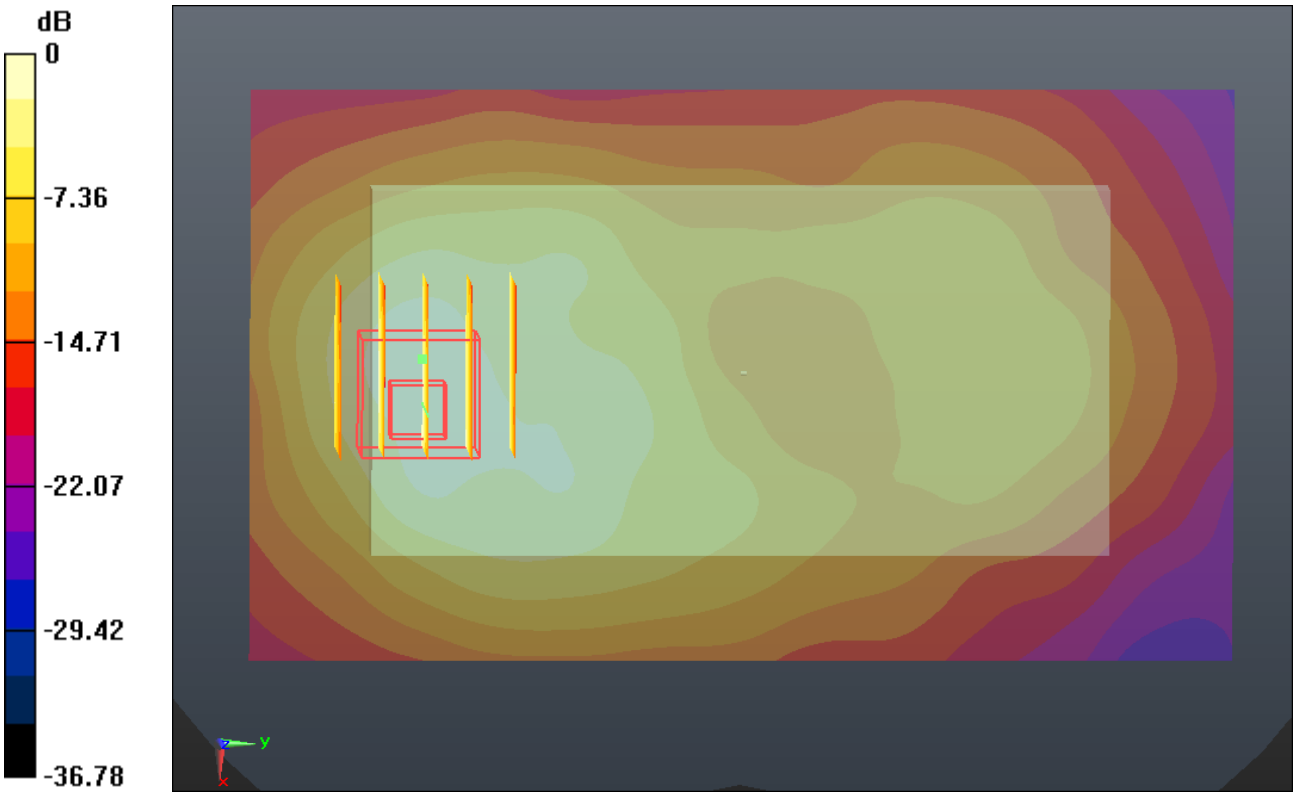
DUT: 342701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130523 Medium parameters used: f = 1851.25 MHz; σ = 1.491 mho/m; ε_r = 53.25; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 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 (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.966 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.713 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.260 W/kg
SAR(1 g) = 0.857 mW/g; SAR(10 g) = 0.476 mW/g
Maximum value of SAR (measured) = 1.184 mW/g



0 dB = 1.180mW/g

#60 CDMA2000 BC1_RETAP 4096_Back 1cm_Ch600

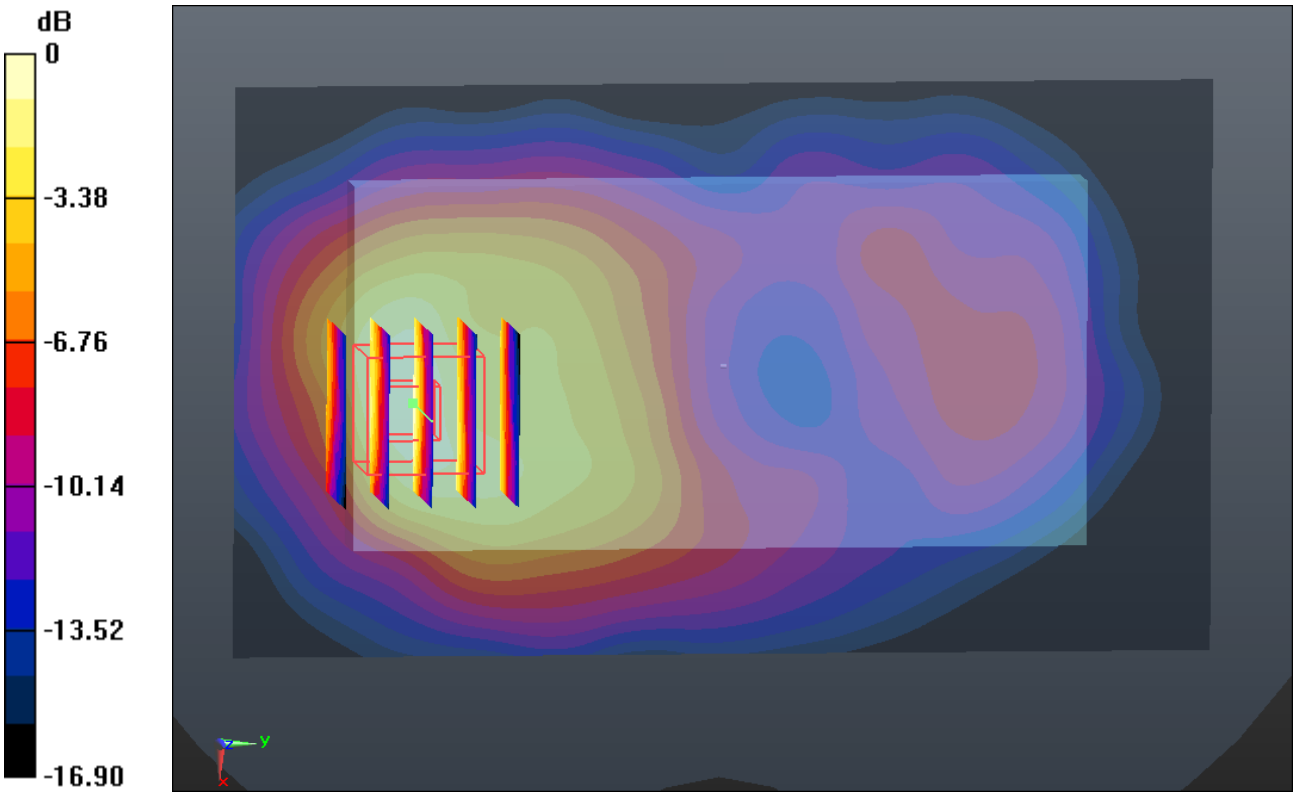
DUT: 342701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130523 Medium parameters used: f = 1880 MHz; σ = 1.526 mho/m; ε_r = 53.194; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 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 (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.446 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.217 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.600 W/kg
SAR(1 g) = 1.020 mW/g; SAR(10 g) = 0.563 mW/g
Maximum value of SAR (measured) = 1.372 mW/g



0 dB = 1.370mW/g

#61 CDMA2000 BC1_RC3 SO32_Back 1cm_Ch1175_Headset

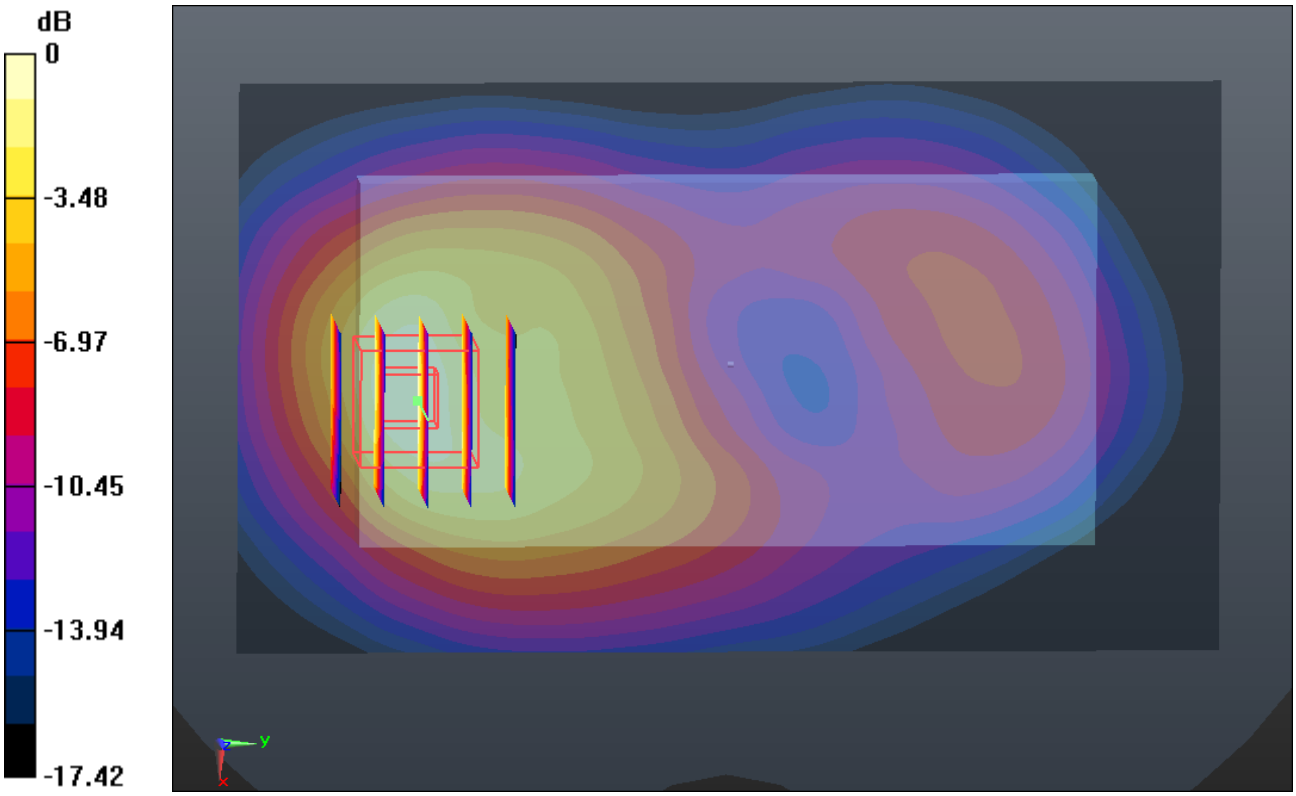
DUT: 342701

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130523 Medium parameters used: f = 1909 MHz; σ = 1.559 mho/m; ε_r = 53.113; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 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 (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.627 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.115 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.856 W/kg
SAR(1 g) = 1.150 mW/g; SAR(10 g) = 0.646 mW/g
Maximum value of SAR (measured) = 1.550 mW/g



0 dB = 1.550mW/g

#62 CDMA2000 BC1_RC3 SO32_Back 1cm_Ch25_Headset

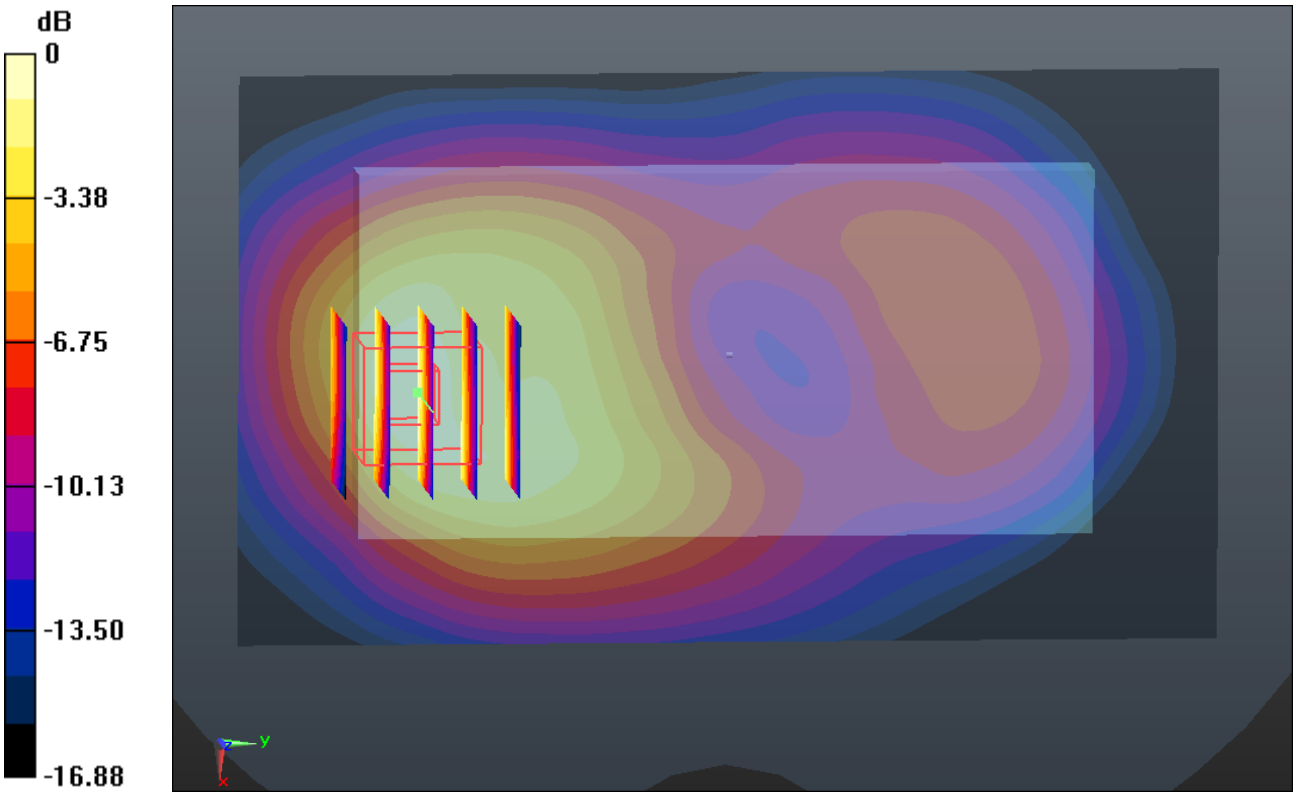
DUT: 342701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130523 Medium parameters used: f = 1851.25 MHz; σ = 1.491 mho/m; ε_r = 53.25; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 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 (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.204 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.505 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.356 W/kg
SAR(1 g) = 0.871 mW/g; SAR(10 g) = 0.501 mW/g
Maximum value of SAR (measured) = 1.143 mW/g



0 dB = 1.140mW/g

#63 CDMA2000 BC1_RC3 SO32_Back 1cm_Ch600_Headset

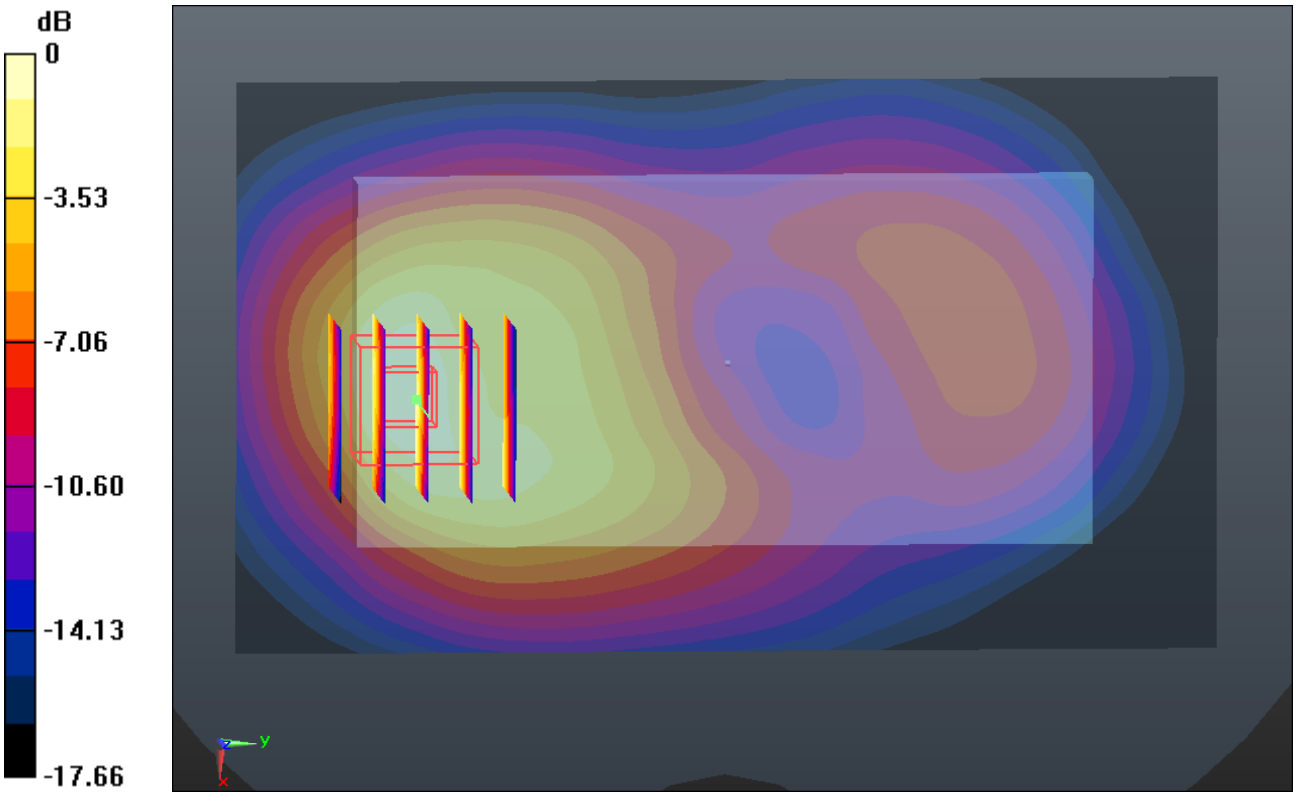
DUT: 342701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130523 Medium parameters used: f = 1880 MHz; σ = 1.526 mho/m; ε_r = 53.194; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 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 (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.415 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.933 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.609 W/kg
SAR(1 g) = 1.020 mW/g; SAR(10 g) = 0.580 mW/g
Maximum value of SAR (measured) = 1.353 mW/g



0 dB = 1.350mW/g

#77 802.11b_Back 1cm_1M_Ch11_Headset

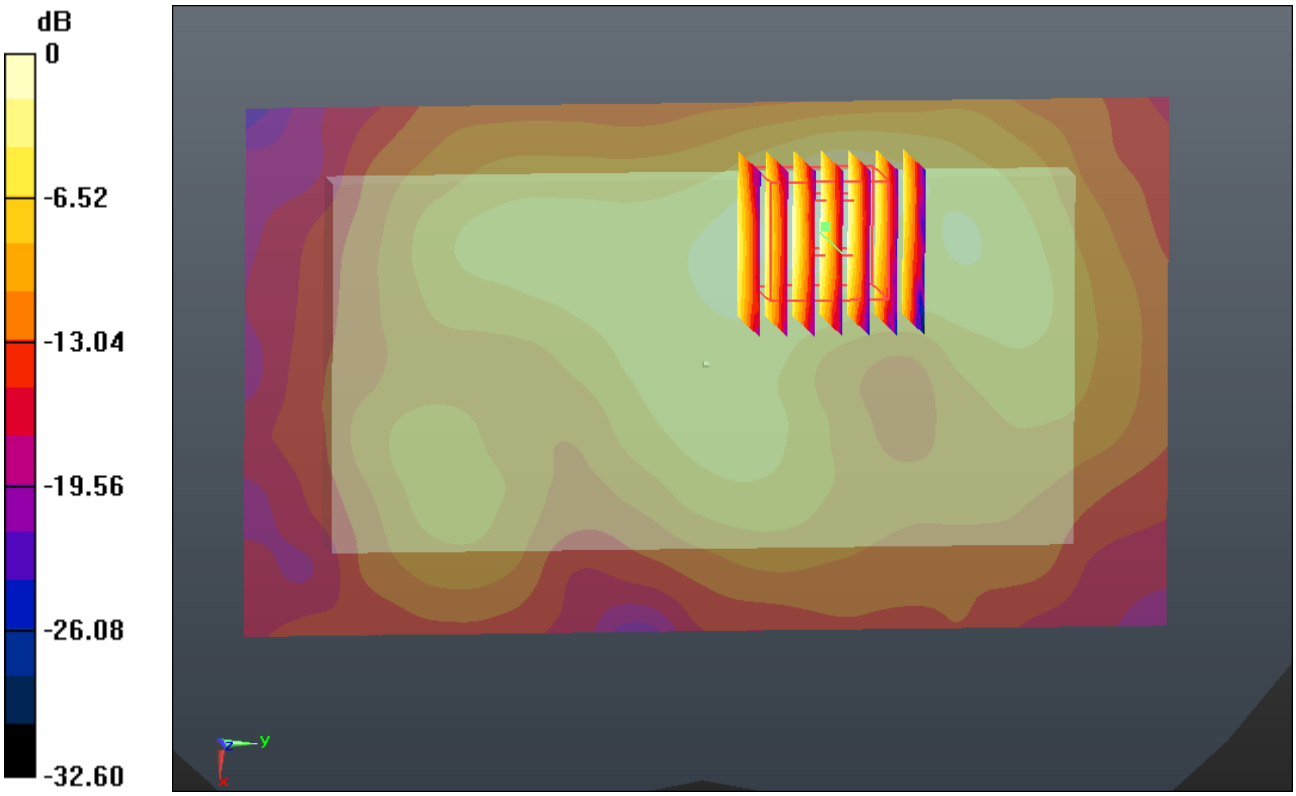
DUT: 342701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130524 Medium parameters used: f = 2462 MHz; σ = 1.958 mho/m; ε_r = 50.897; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.302 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.374 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.433 W/kg
SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.094 mW/g
Maximum value of SAR (measured) = 0.305 mW/g



0 dB = 0.310mW/g

#69 LTE Band 13_10M_QPSK 1RB 0offset_Back 1cm_Ch23230_Headset

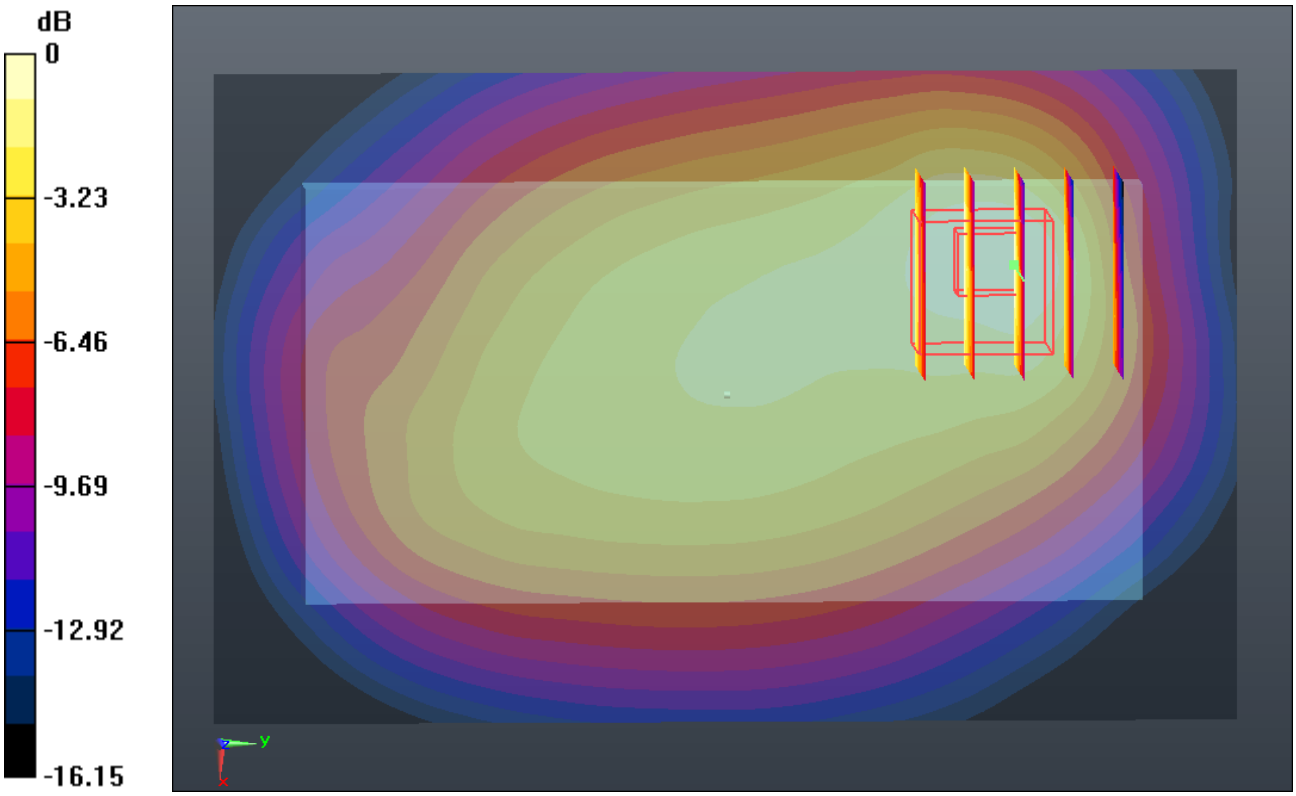
DUT: 342701

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_130521 Medium parameters used: f = 782 MHz; σ = 0.996 mho/m; ε_r = 53.964; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.18, 9.18, 9.18); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.892 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.402 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.019 W/kg
SAR(1 g) = 0.687 mW/g; SAR(10 g) = 0.447 mW/g
Maximum value of SAR (measured) = 0.857 mW/g



0 dB = 0.860mW/g

#77 802.11b_Back 1cm_1M_Ch11_Headset

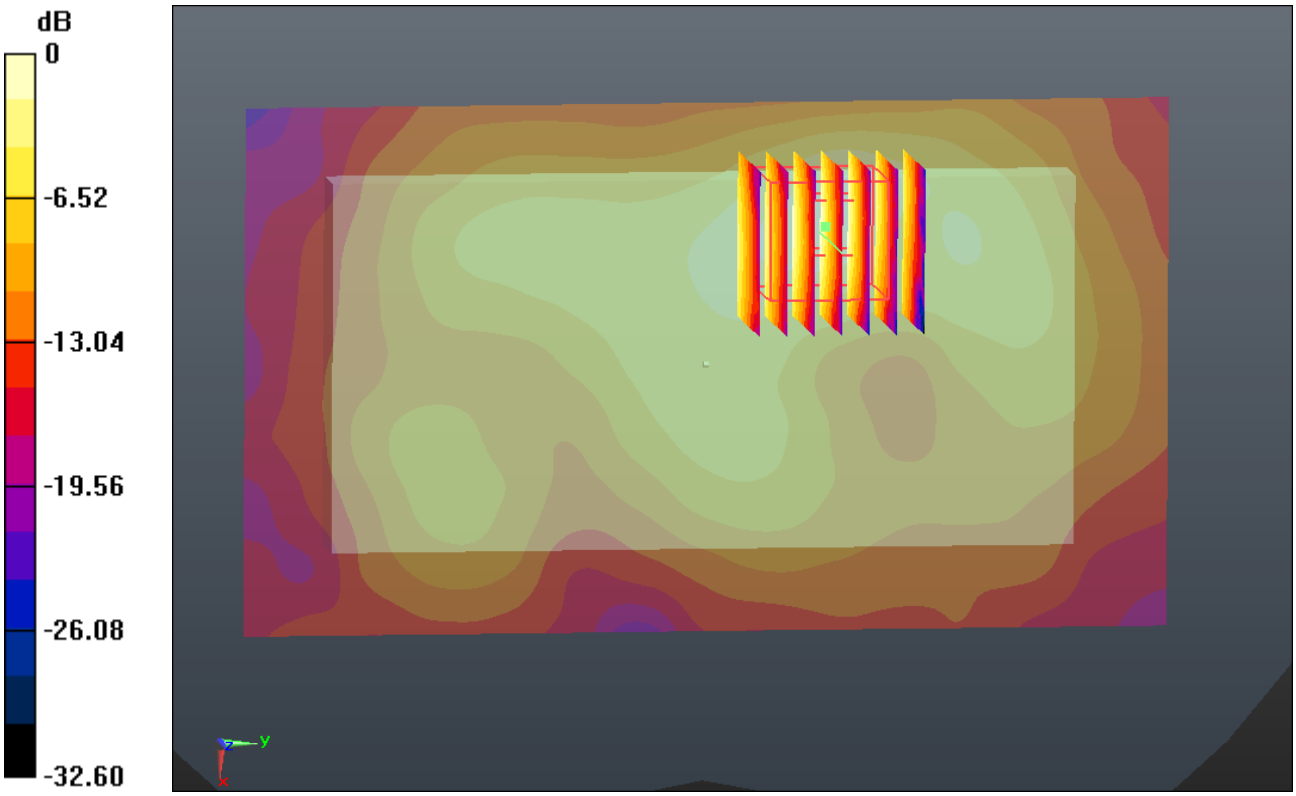
DUT: 342701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130524 Medium parameters used: f = 2462 MHz; σ = 1.958 mho/m; ε_r = 50.897; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.302 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.374 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.433 W/kg
SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.094 mW/g
Maximum value of SAR (measured) = 0.305 mW/g



0 dB = 0.310mW/g