#151 LTE Band 4_QPSK(50 25)_20M_Front_1cm_Ch20175

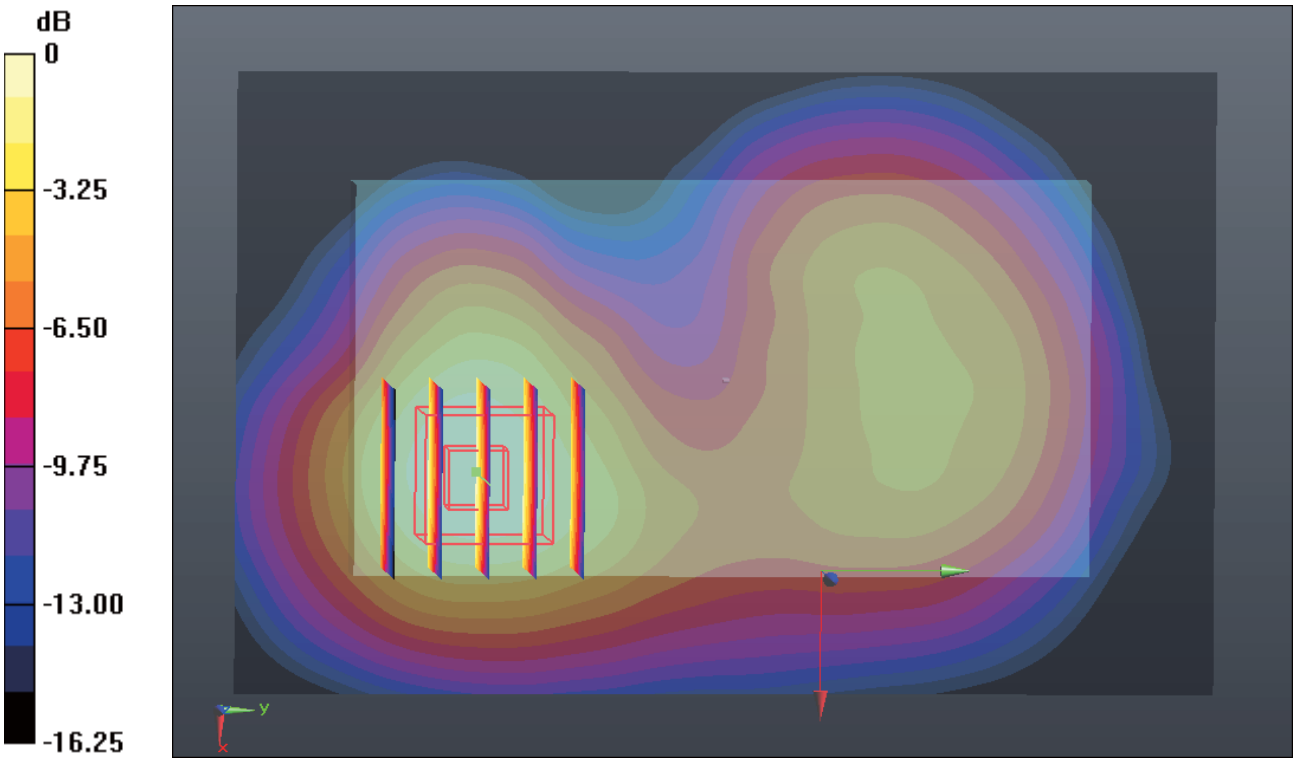
DUT: 271302

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1732.5 MHz; σ = 1.486 mho/m; ε_r = 52.34; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.683 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.819 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.854 W/kg
SAR(1 g) = 0.602 mW/g; SAR(10 g) = 0.375 mW/g
Maximum value of SAR (measured) = 0.656 mW/g



0 dB = 0.660mW/g

#156 LTE Band 4_QPSK(1 0)_20M_Front_1cm_Ch20175

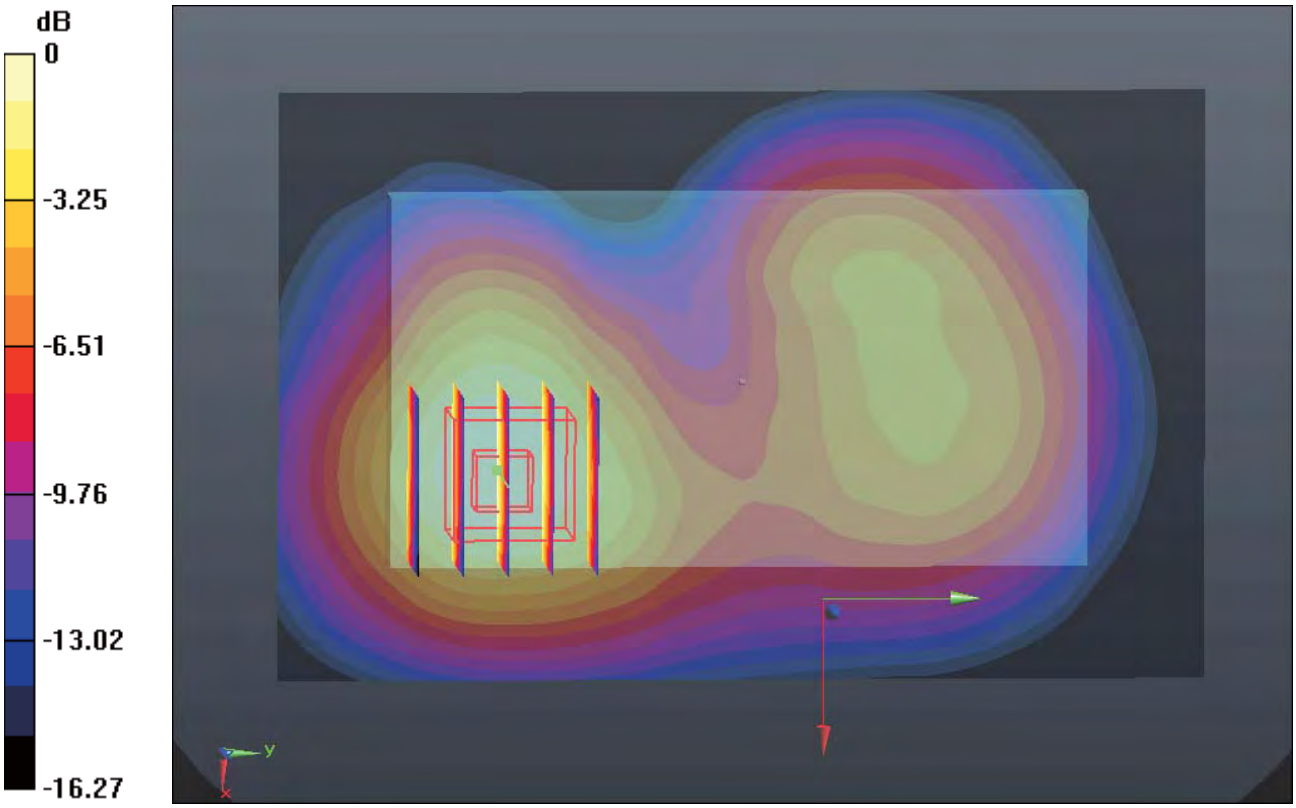
DUT: 271302

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1732.5 MHz; σ = 1.486 mho/m; ε_r = 52.34; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.893 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.972 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.198 W/kg
SAR(1 g) = 0.795 mW/g; SAR(10 g) = 0.495 mW/g
Maximum value of SAR (measured) = 0.862 mW/g



0 dB = 0.860mW/g

#161 LTE Band 4_QPSK(1 99)_20M_Front_1cm_Ch20175

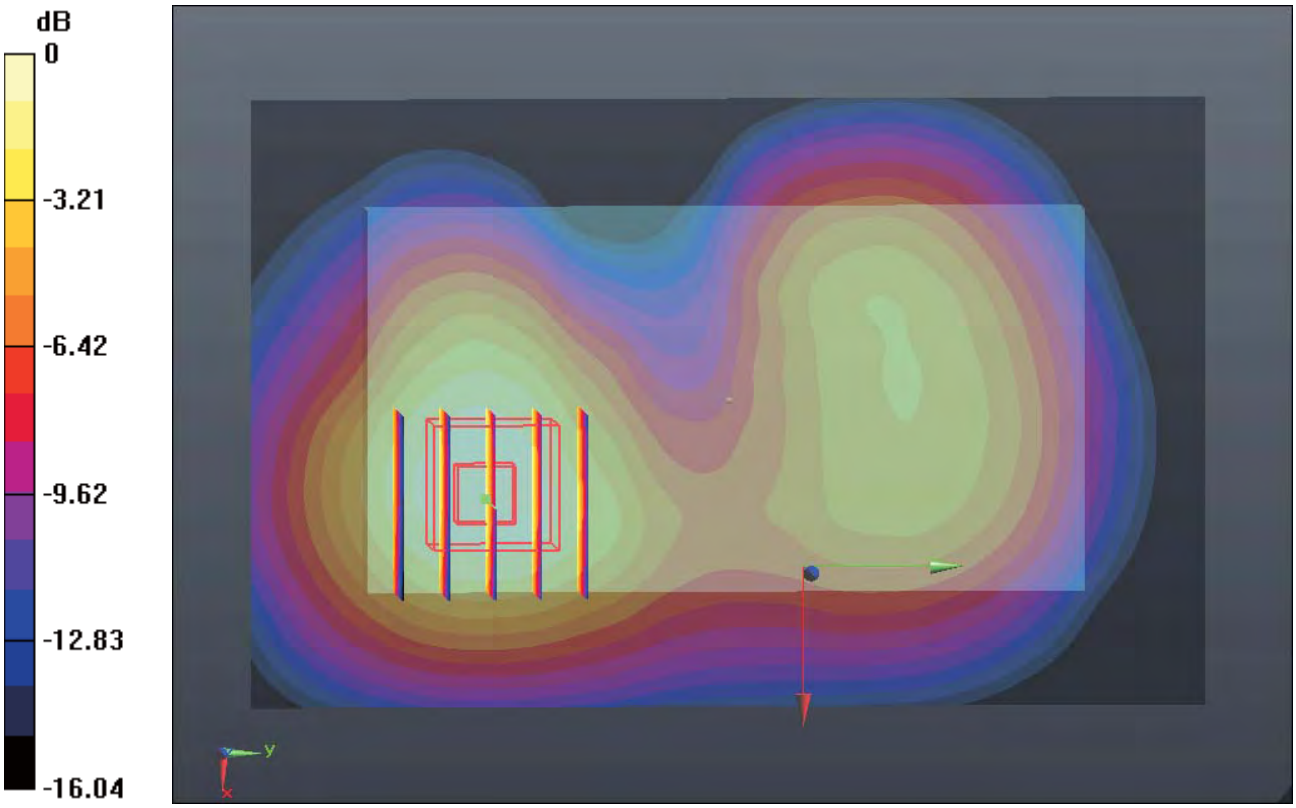
DUT: 271302

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1732.5 MHz; σ = 1.486 mho/m; ε_r = 52.34; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.841 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.036 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.110 W/kg
SAR(1 g) = 0.756 mW/g; SAR(10 g) = 0.475 mW/g
Maximum value of SAR (measured) = 0.822 mW/g



0 dB = 0.820mW/g

#166 LTE Band 4_16QAM(50 25)_20M_Front_1cm_Ch20175

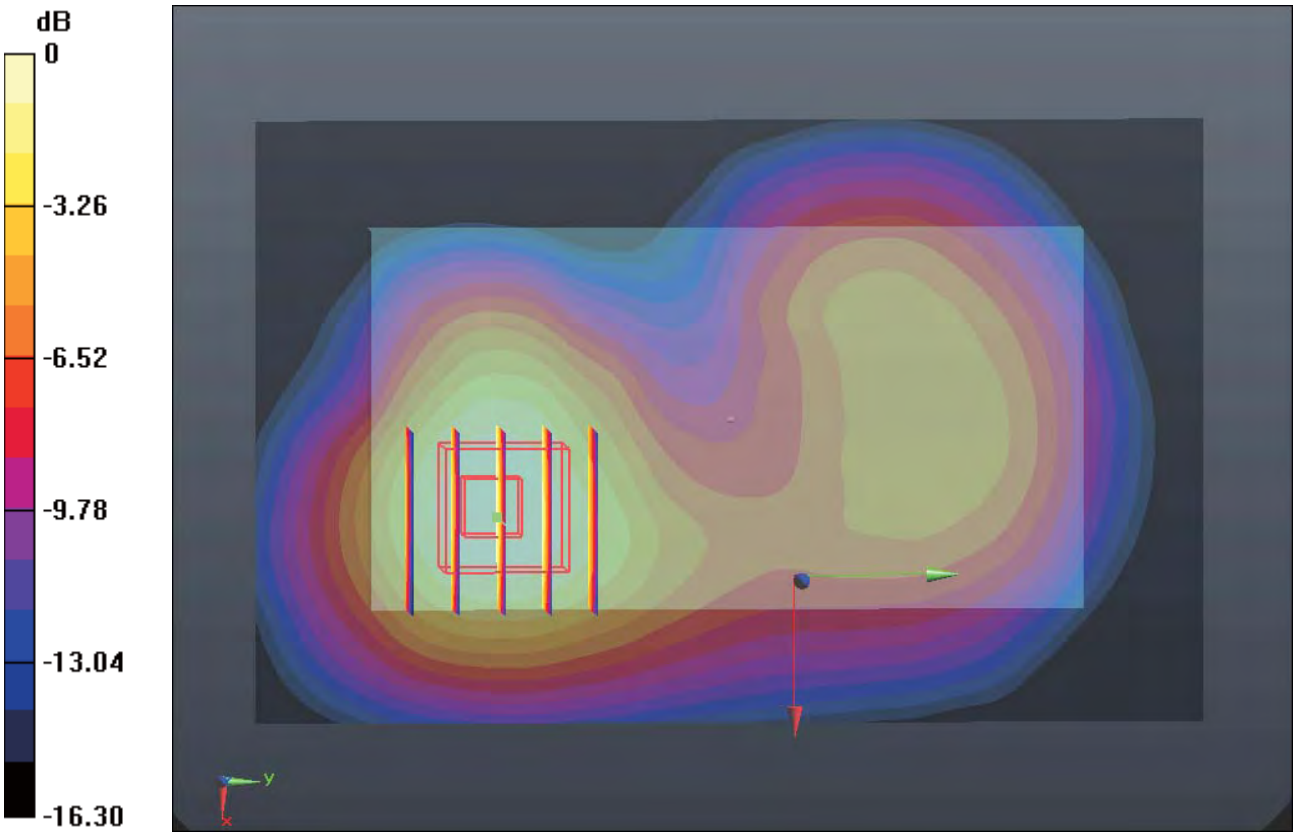
DUT: 271302

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1732.5 MHz; σ = 1.486 mho/m; ε_r = 52.34; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.583 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.214 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.750 W/kg
SAR(1 g) = 0.517 mW/g; SAR(10 g) = 0.322 mW/g
Maximum value of SAR (measured) = 0.558 mW/g



0 dB = 0.560mW/g

#171 LTE Band 4_16QAM(1 0)_20M_Front_1cm_Ch20050

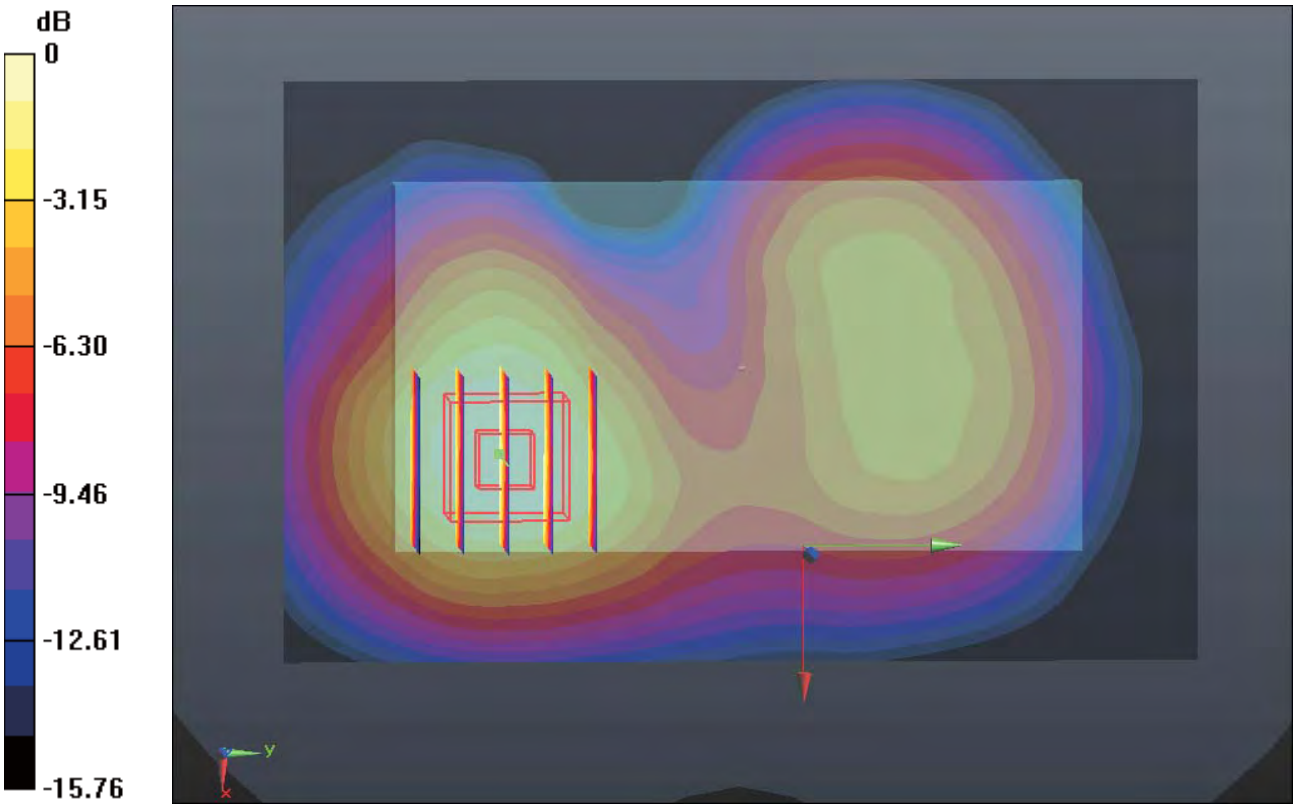
DUT: 271302

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1720 MHz; σ = 1.471 mho/m; ε_r = 52.341; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20050/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.671 mW/g

Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.186 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.885 W/kg
SAR(1 g) = 0.602 mW/g; SAR(10 g) = 0.381 mW/g
Maximum value of SAR (measured) = 0.645 mW/g



0 dB = 0.640mW/g

#176 LTE Band 4_16QAM(1 99)_20M_Front_1cm_Ch20050

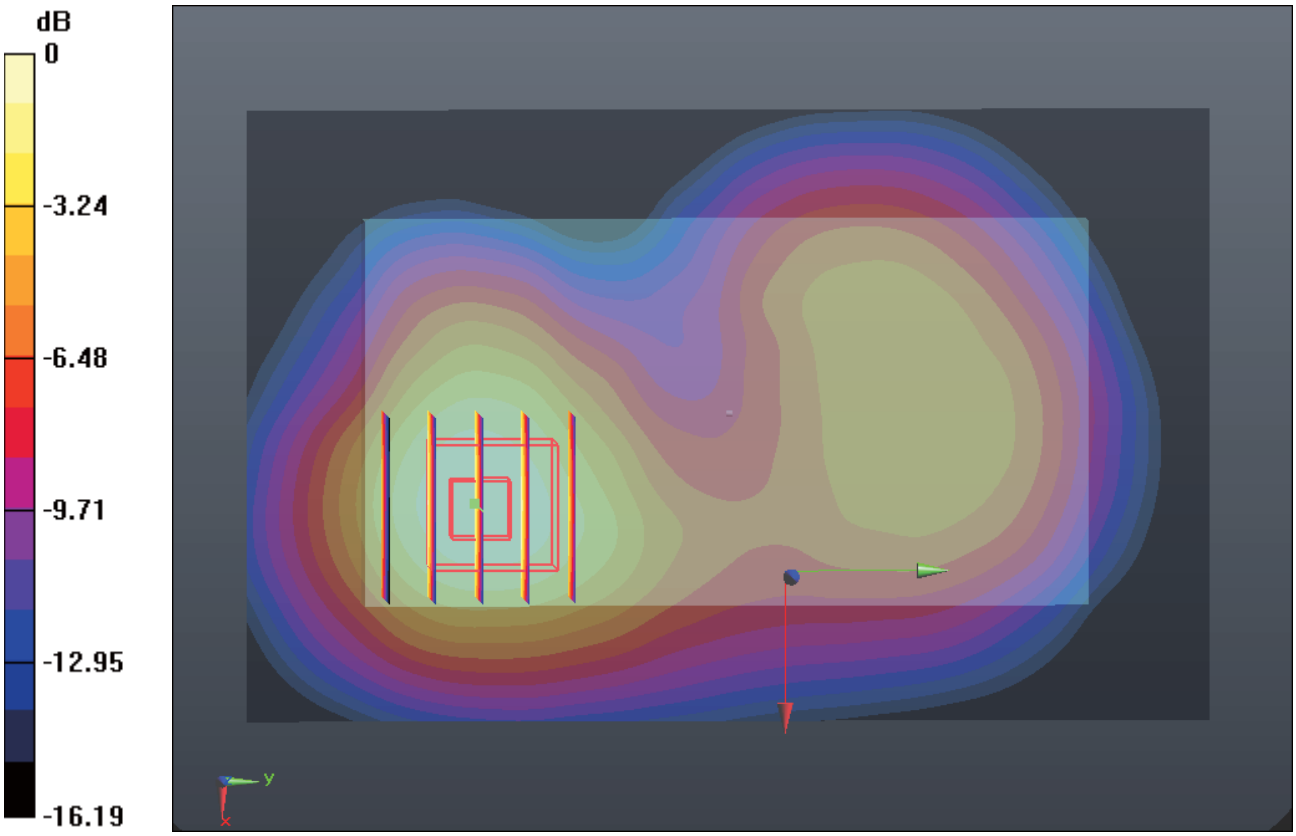
DUT: 271302

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1720 MHz; σ = 1.471 mho/m; ε_r = 52.341; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20050/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.713 mW/g

Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.729 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.936 W/kg
SAR(1 g) = 0.635 mW/g; SAR(10 g) = 0.395 mW/g
Maximum value of SAR (measured) = 0.690 mW/g



0 dB = 0.690mW/g

#220 LTE Band 4_QPSK(1 0)_20M_Front_1cm_Ch20175

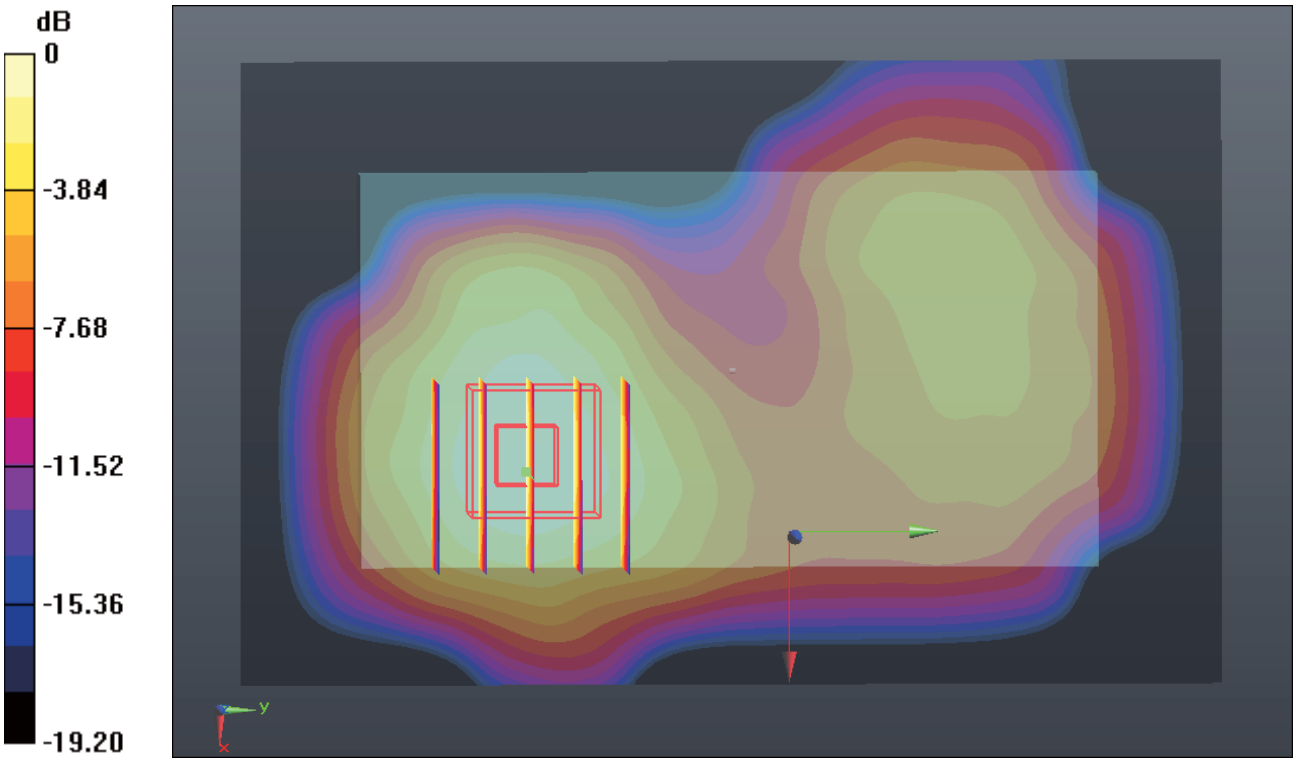
DUT: 271302

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120812 Medium parameters used: f = 1732.5 MHz; σ = 1.497 mho/m; ε_r = 54.273; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.187 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.433 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.254 W/kg
SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.106 mW/g
Maximum value of SAR (measured) = 0.184 mW/g



0 dB = 0.180mW/g

#152 LTE Band 4_QPSK(50 25)_20M_Back_1cm_Ch20175

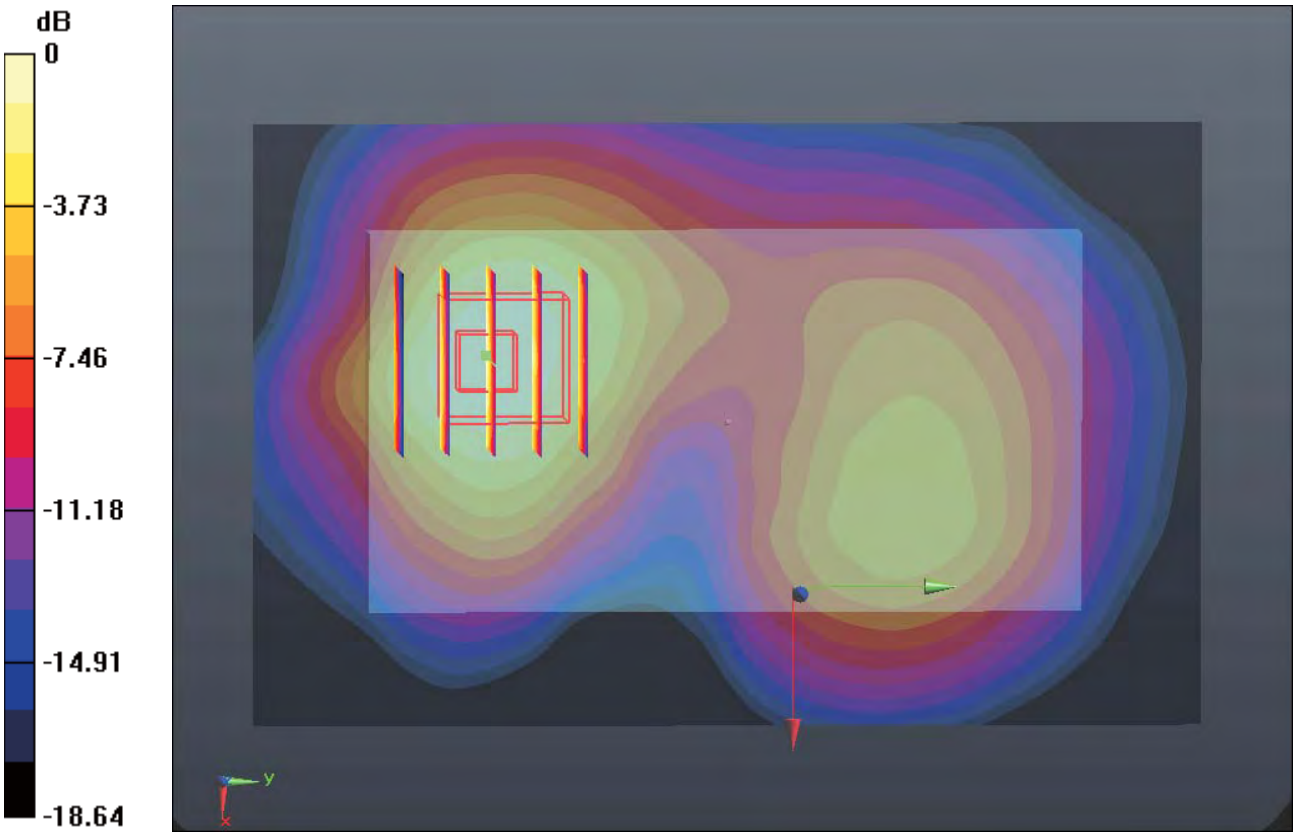
DUT: 271302

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1732.5 MHz; σ = 1.486 mho/m; ε_r = 52.34; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.657 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.639 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.920 W/kg
SAR(1 g) = 0.602 mW/g; SAR(10 g) = 0.362 mW/g
Maximum value of SAR (measured) = 0.662 mW/g



0 dB = 0.660mW/g

#157 LTE Band 4_QPSK(1 0)_20M_Back_1cm_Ch20175

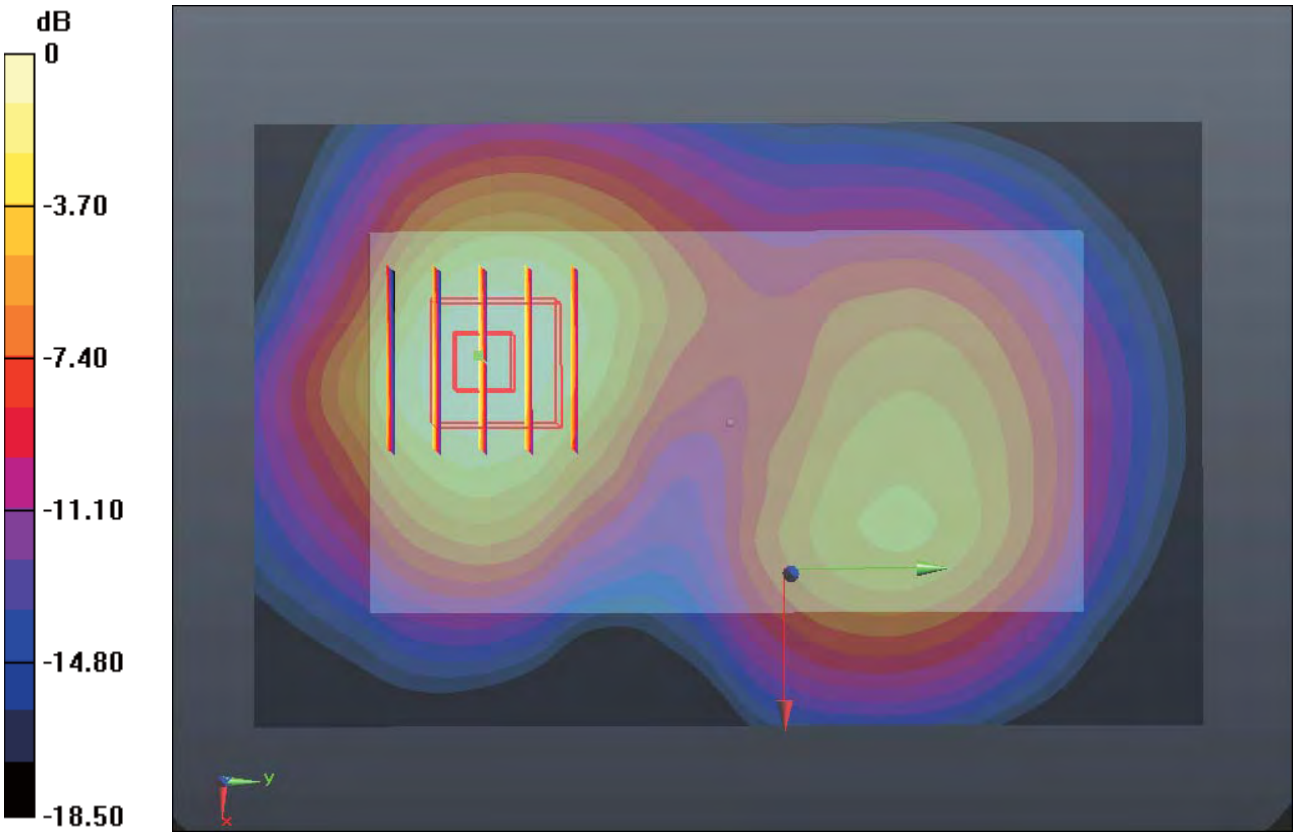
DUT: 271302

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1732.5 MHz; σ = 1.486 mho/m; ε_r = 52.34; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.925 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.124 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.264 W/kg
SAR(1 g) = 0.825 mW/g; SAR(10 g) = 0.503 mW/g
Maximum value of SAR (measured) = 0.899 mW/g



0 dB = 0.900mW/g

#162 LTE Band 4_QPSK(1 99)_20M_Back_1cm_Ch20175

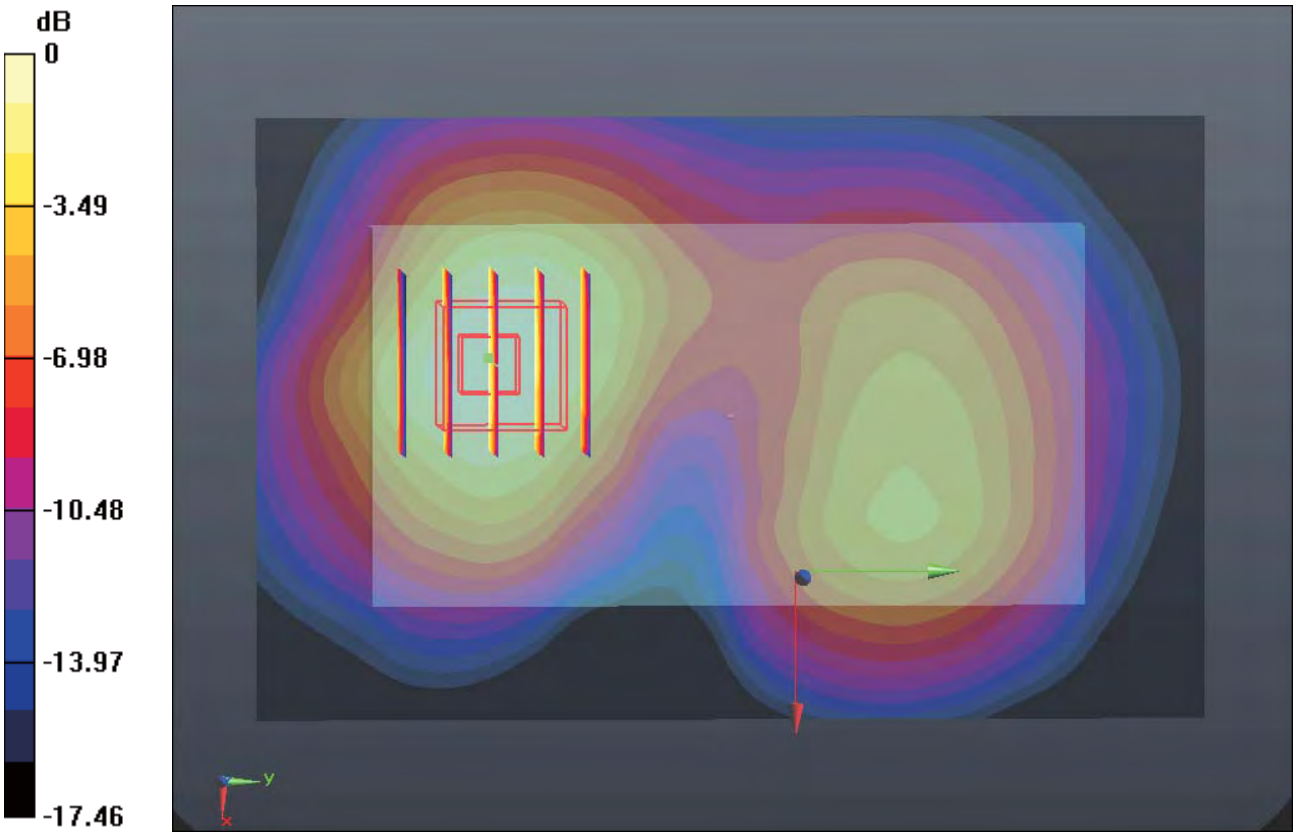
DUT: 271302

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1732.5 MHz; σ = 1.486 mho/m; ε_r = 52.34; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.880 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.860 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.196 W/kg
SAR(1 g) = 0.790 mW/g; SAR(10 g) = 0.485 mW/g
Maximum value of SAR (measured) = 0.864 mW/g



0 dB = 0.860mW/g

#167 LTE Band 4_16QAM(50 25)_20M_Back_1cm_Ch20175

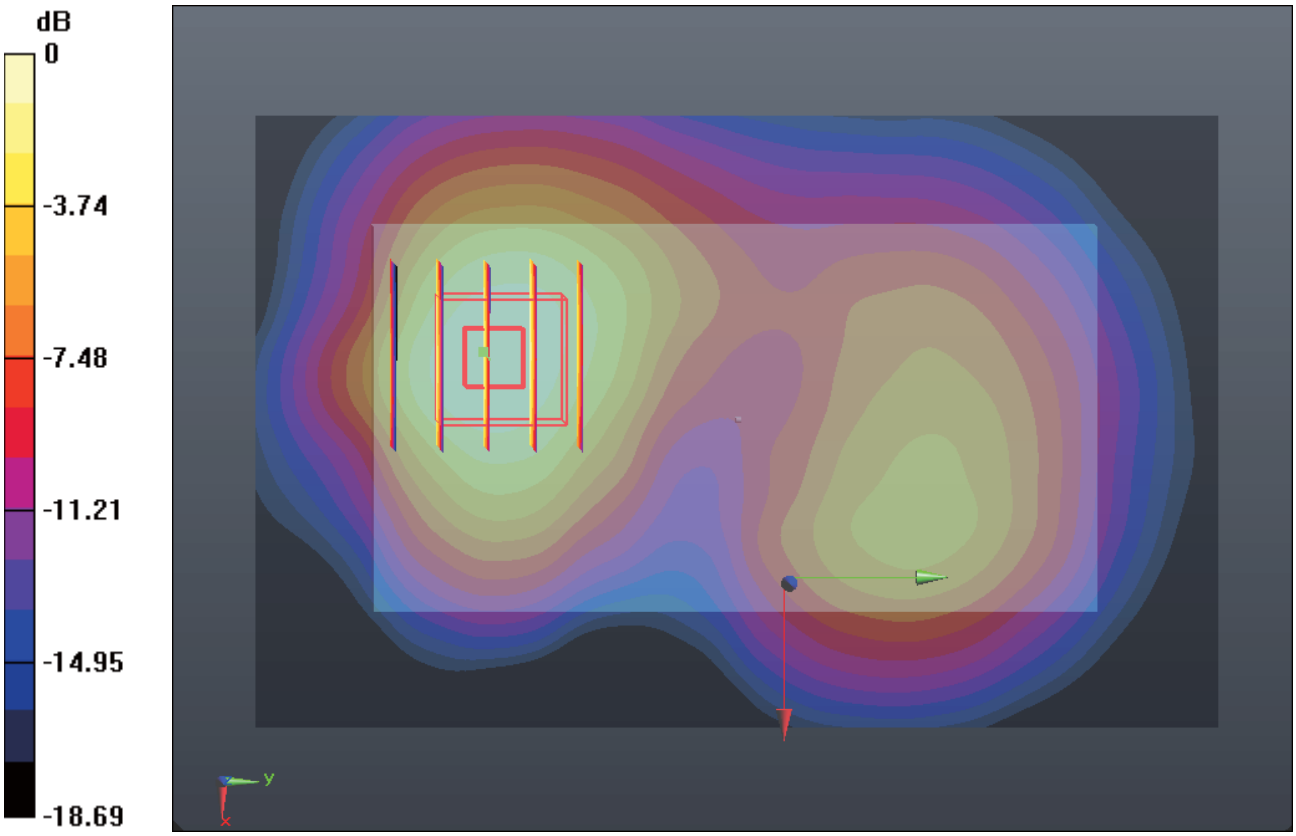
DUT: 271302

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1732.5 MHz; σ = 1.486 mho/m; ε_r = 52.34; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.630 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.071 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.832 W/kg
SAR(1 g) = 0.560 mW/g; SAR(10 g) = 0.340 mW/g
Maximum value of SAR (measured) = 0.609 mW/g



0 dB = 0.610mW/g

#167 LTE Band 4_16QAM(50 25)_20M_Back_1cm_Ch20175_2D

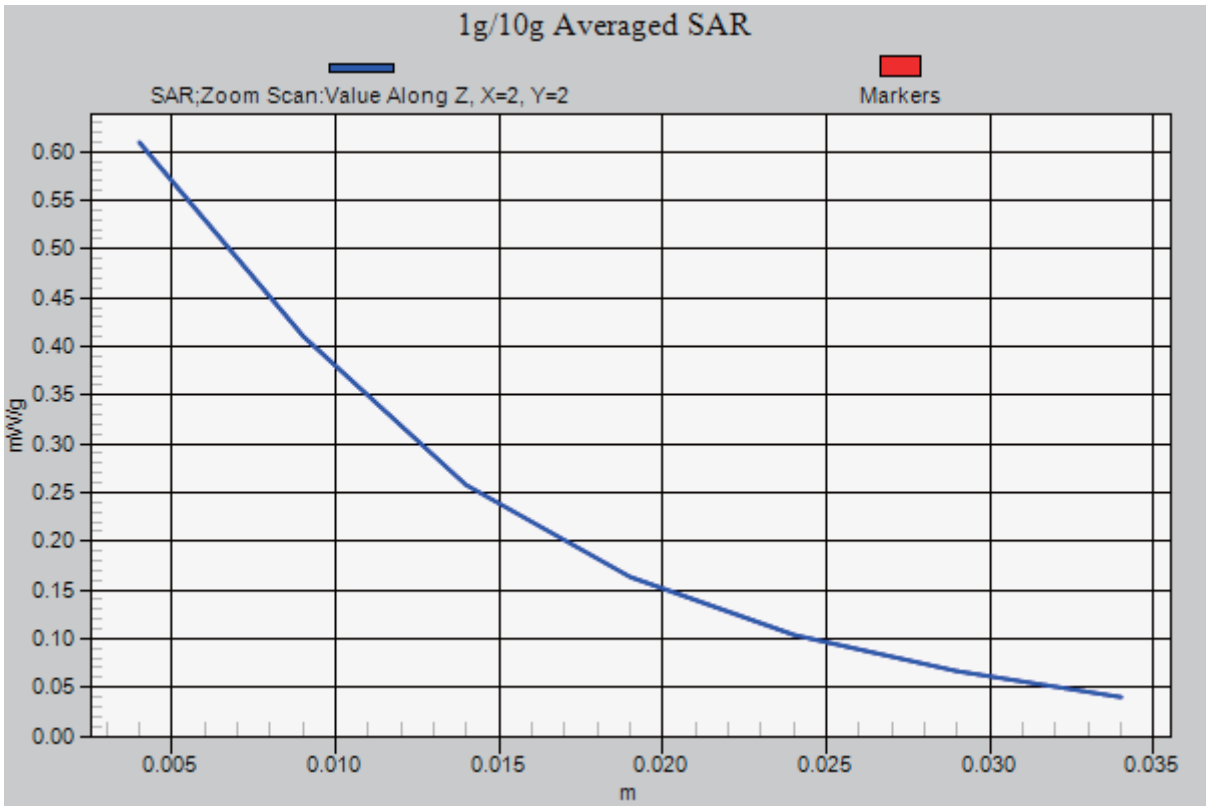
DUT: 271302

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1732.5 MHz; σ = 1.486 mho/m; ε_r = 52.34; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.630 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.071 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.832 W/kg
SAR(1 g) = 0.560 mW/g; SAR(10 g) = 0.340 mW/g
Maximum value of SAR (measured) = 0.609 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#172 LTE Band 4_16QAM(1 0)_20M_Back_1cm_Ch20050

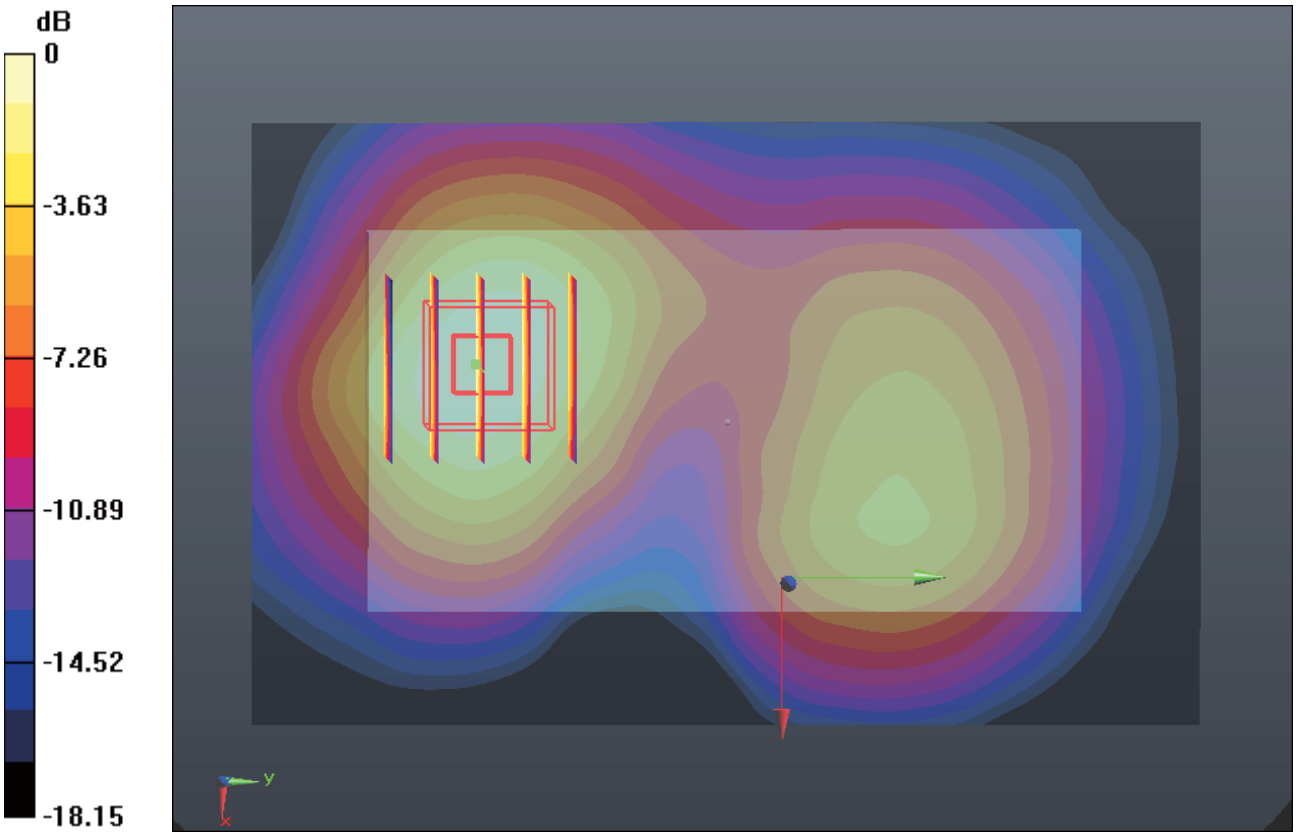
DUT: 271302

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1720 MHz; σ = 1.471 mho/m; ε_r = 52.341; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20050/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.698 mW/g

Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.422 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.946 W/kg
SAR(1 g) = 0.634 mW/g; SAR(10 g) = 0.392 mW/g
Maximum value of SAR (measured) = 0.692 mW/g



0 dB = 0.690mW/g

#177 LTE Band 4_16QAM(1 99)_20M_Back_1cm_Ch20050

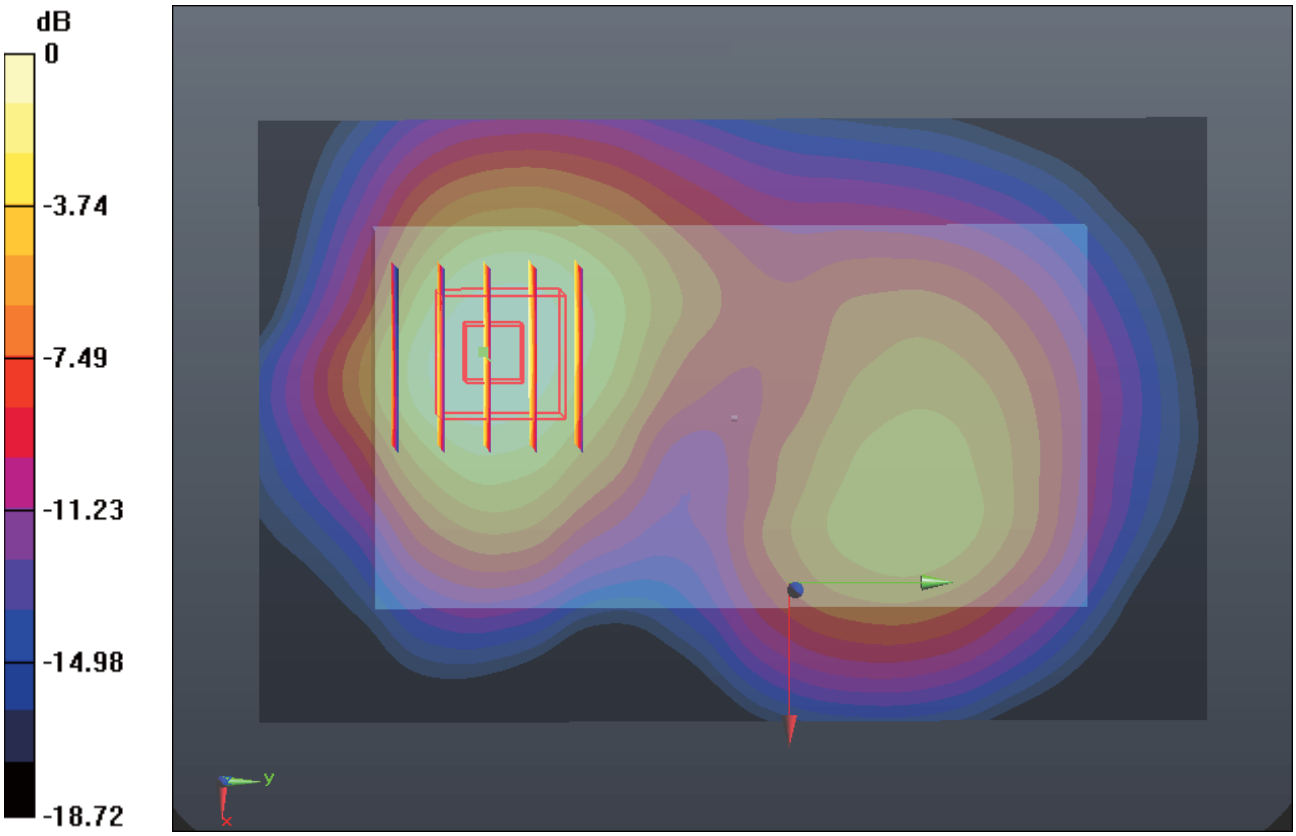
DUT: 271302

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1720 MHz; σ = 1.471 mho/m; ε_r = 52.341; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20050/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.732 mW/g

Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.986 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.993 W/kg
SAR(1 g) = 0.651 mW/g; SAR(10 g) = 0.393 mW/g
Maximum value of SAR (measured) = 0.711 mW/g



0 dB = 0.710mW/g

#227 LTE Band 4_QPSK(1 0)_20M_Back_1cm_Ch20175

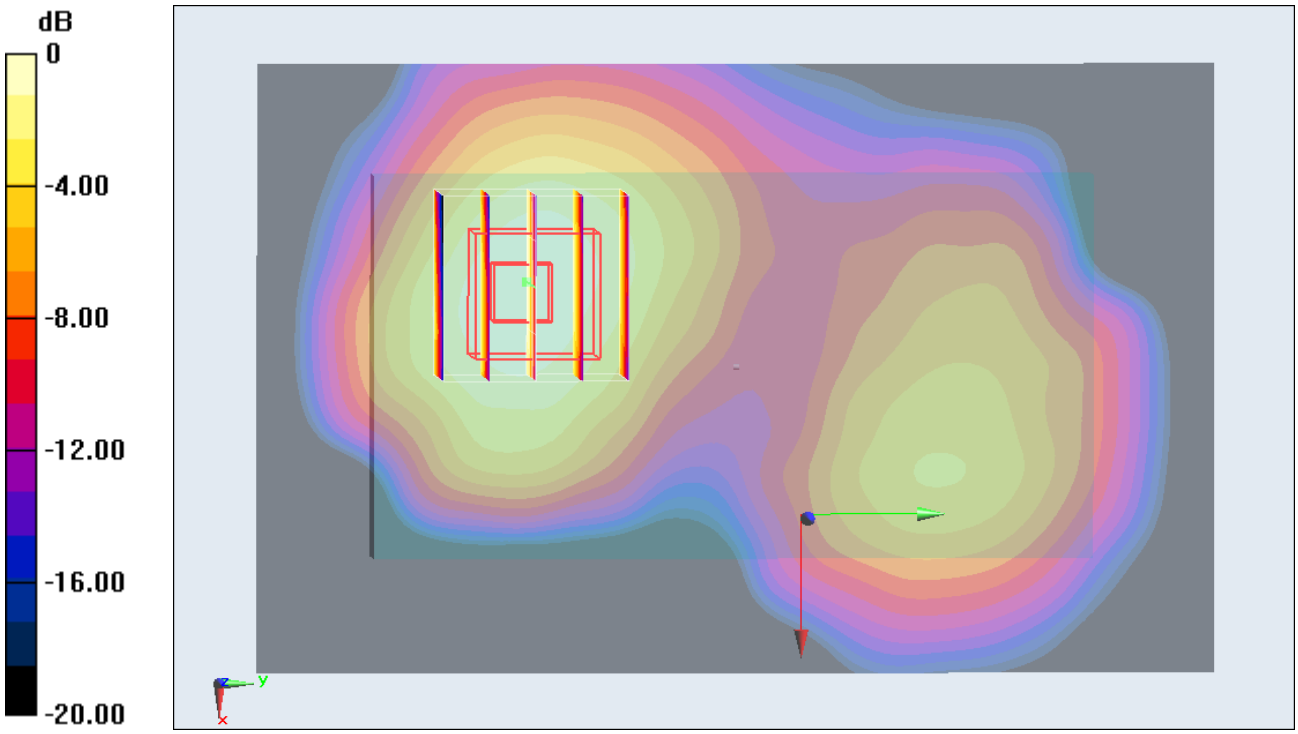
DUT: 271302

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120812 Medium parameters used: f = 1732.5 MHz; σ = 1.497 mho/m; ε_r = 54.273; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.214 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.466 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.294 W/kg
SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.118 mW/g
Maximum value of SAR (measured) = 0.211 mW/g



0 dB = 0.210mW/g

#153 LTE Band 4_QPSK(50 25)_20M_Right Side_1cm_Ch20175

DUT: 271302

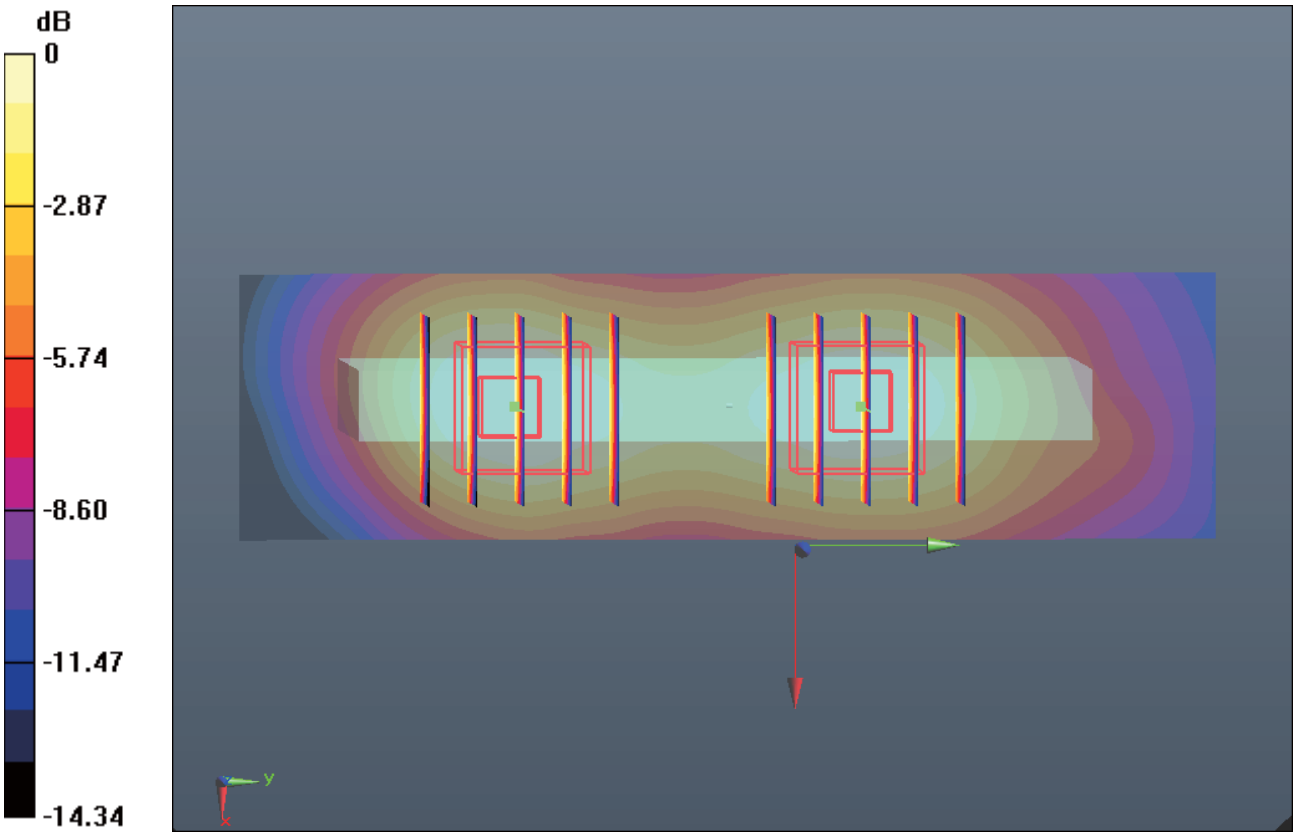
Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1732.5 MHz; σ = 1.486 mho/m; ε_r = 52.34; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.412 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.362 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.563 W/kg
SAR(1 g) = 0.359 mW/g; SAR(10 g) = 0.213 mW/g
Maximum value of SAR (measured) = 0.393 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.362 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.509 W/kg
SAR(1 g) = 0.333 mW/g; SAR(10 g) = 0.206 mW/g
Maximum value of SAR (measured) = 0.362 mW/g



0 dB = 0.360mW/g

#158 LTE Band 4_QPSK(1 0)_20M_Right Side_1cm_Ch20175

DUT: 271302

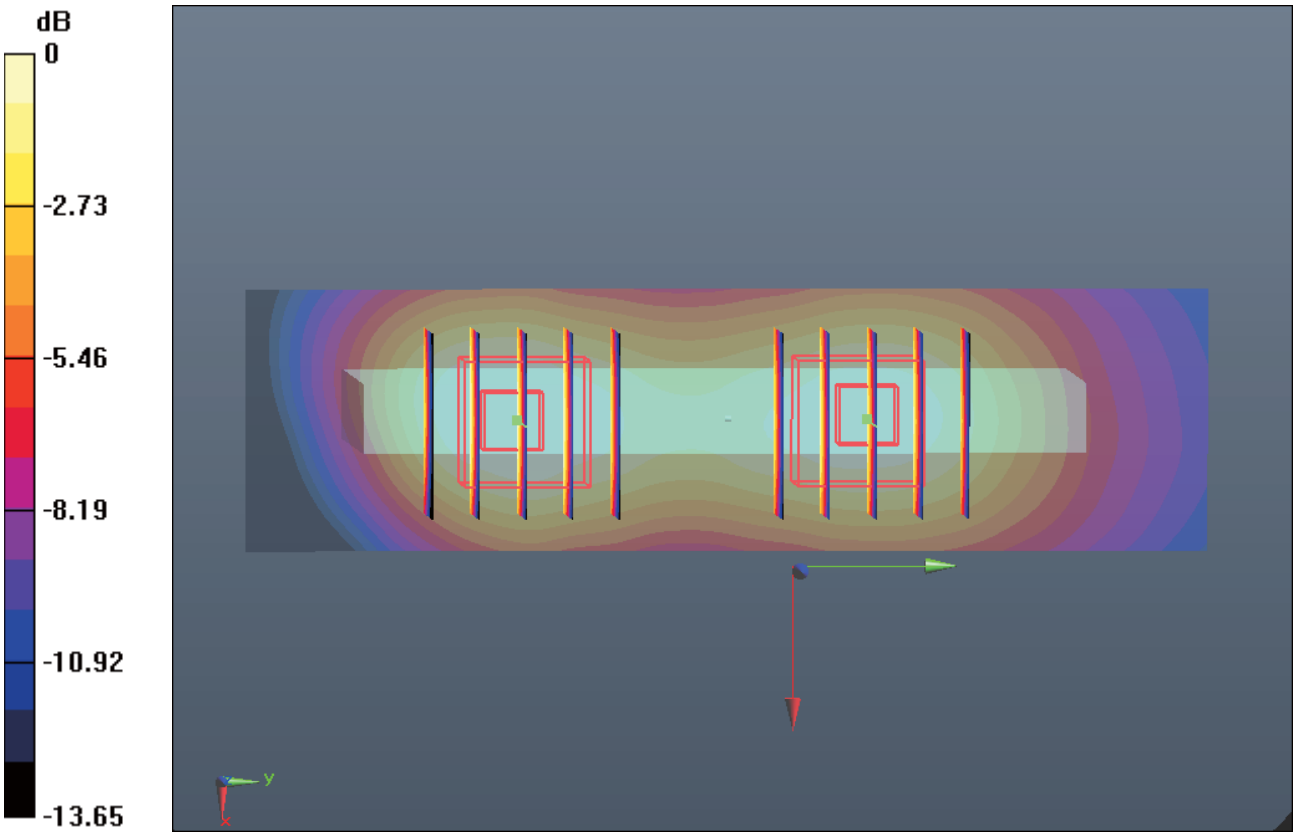
Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1732.5 MHz; σ = 1.486 mho/m; ε_r = 52.34; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.534 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.274 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.767 W/kg
SAR(1 g) = 0.486 mW/g; SAR(10 g) = 0.287 mW/g
Maximum value of SAR (measured) = 0.532 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.274 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.644 W/kg
SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.263 mW/g
Maximum value of SAR (measured) = 0.455 mW/g



0 dB = 0.460mW/g

#163 LTE Band 4_QPSK(1 99)_20M_Right Side_1cm_Ch20175

DUT: 271302

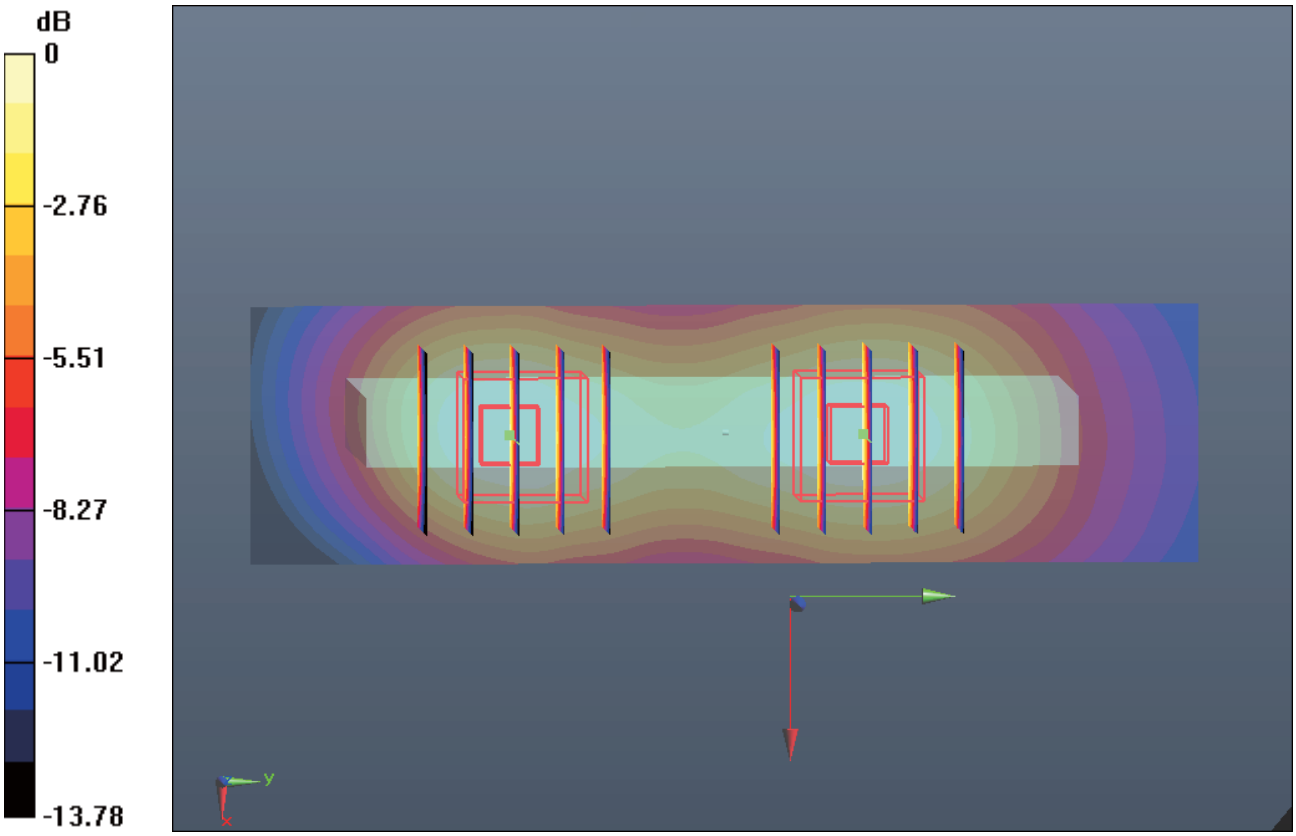
Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1732.5 MHz; σ = 1.486 mho/m; ε_r = 52.34; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.581 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.977 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.856 W/kg
SAR(1 g) = 0.527 mW/g; SAR(10 g) = 0.309 mW/g
Maximum value of SAR (measured) = 0.573 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.977 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.761 W/kg
SAR(1 g) = 0.487 mW/g; SAR(10 g) = 0.302 mW/g
Maximum value of SAR (measured) = 0.528 mW/g



0 dB = 0.530mW/g

#168 LTE Band 4_16QAM(50 25)_20M_Right Side_1cm_Ch20175

DUT: 271302

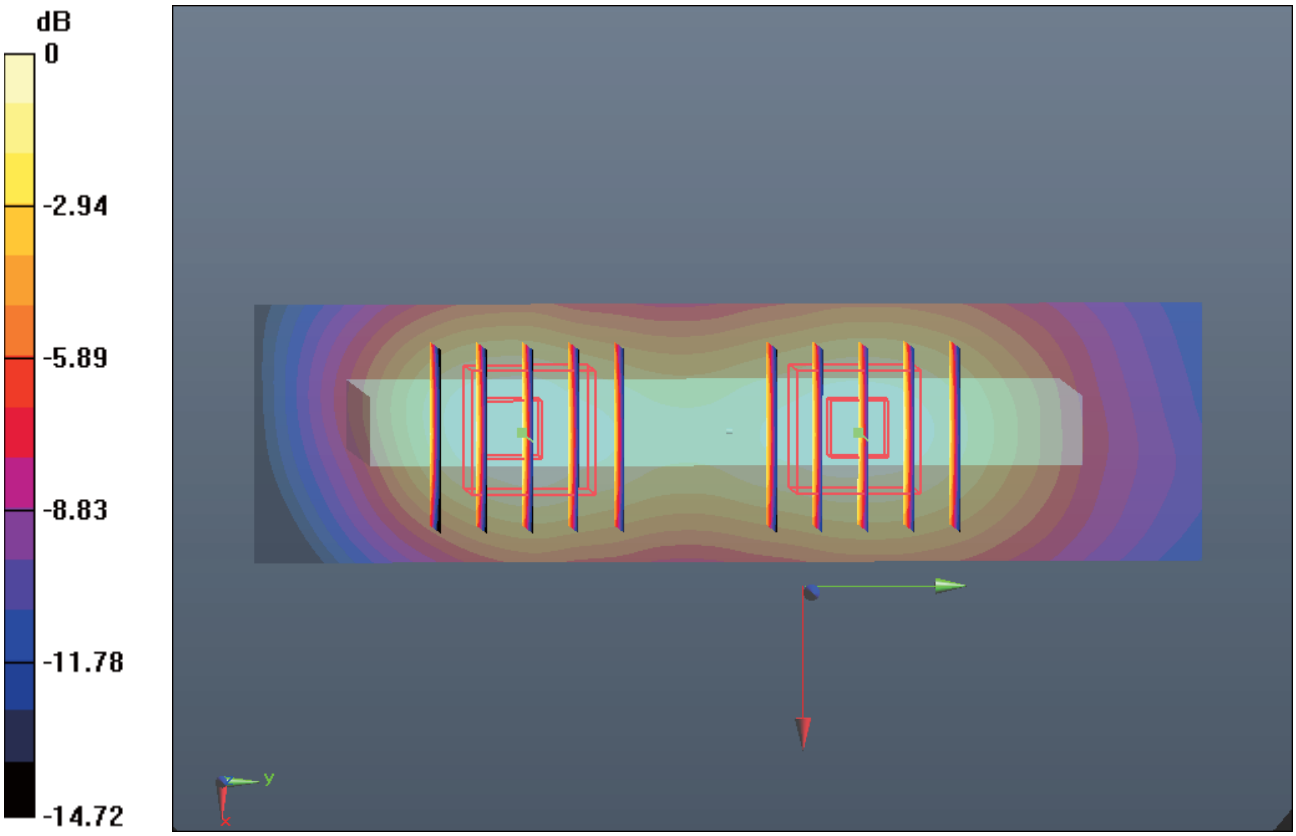
Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1732.5 MHz; σ = 1.486 mho/m; ε_r = 52.34; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.315 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.088 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.451 W/kg
SAR(1 g) = 0.283 mW/g; SAR(10 g) = 0.166 mW/g
Maximum value of SAR (measured) = 0.311 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.088 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.404 W/kg
SAR(1 g) = 0.265 mW/g; SAR(10 g) = 0.163 mW/g
Maximum value of SAR (measured) = 0.288 mW/g



0 dB = 0.290mW/g

#173 LTE Band 4_16QAM(1 0)_20M_Right Side_1cm_Ch20050

DUT: 271302

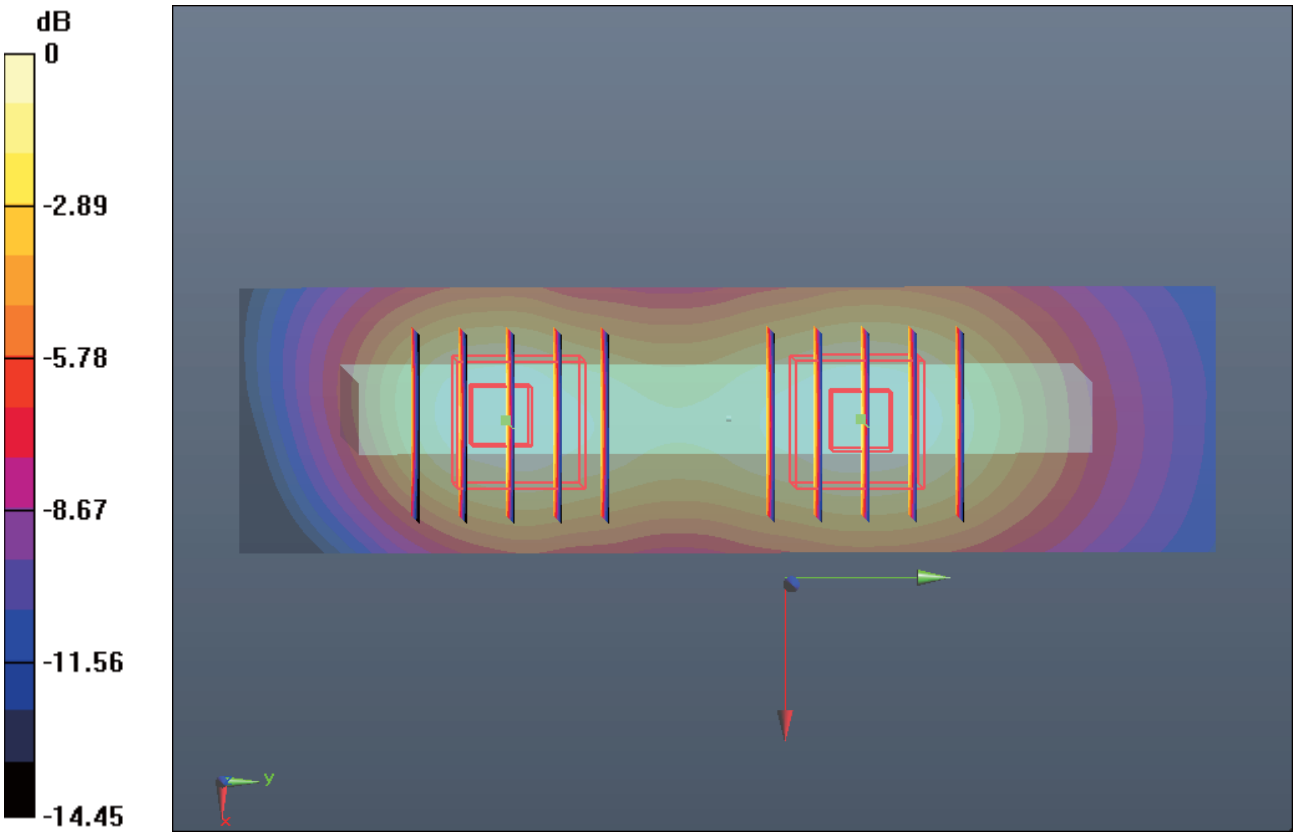
Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1720 MHz; σ = 1.471 mho/m; ε_r = 52.341; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20050/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.428 mW/g

Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.398 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.597 W/kg
SAR(1 g) = 0.375 mW/g; SAR(10 g) = 0.222 mW/g
Maximum value of SAR (measured) = 0.410 mW/g

Ch20050/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.398 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.578 W/kg
SAR(1 g) = 0.376 mW/g; SAR(10 g) = 0.232 mW/g
Maximum value of SAR (measured) = 0.414 mW/g



0 dB = 0.410mW/g

#178 LTE Band 4_16QAM(1 99)_20M_Right Side_1cm_Ch20050

DUT: 271302

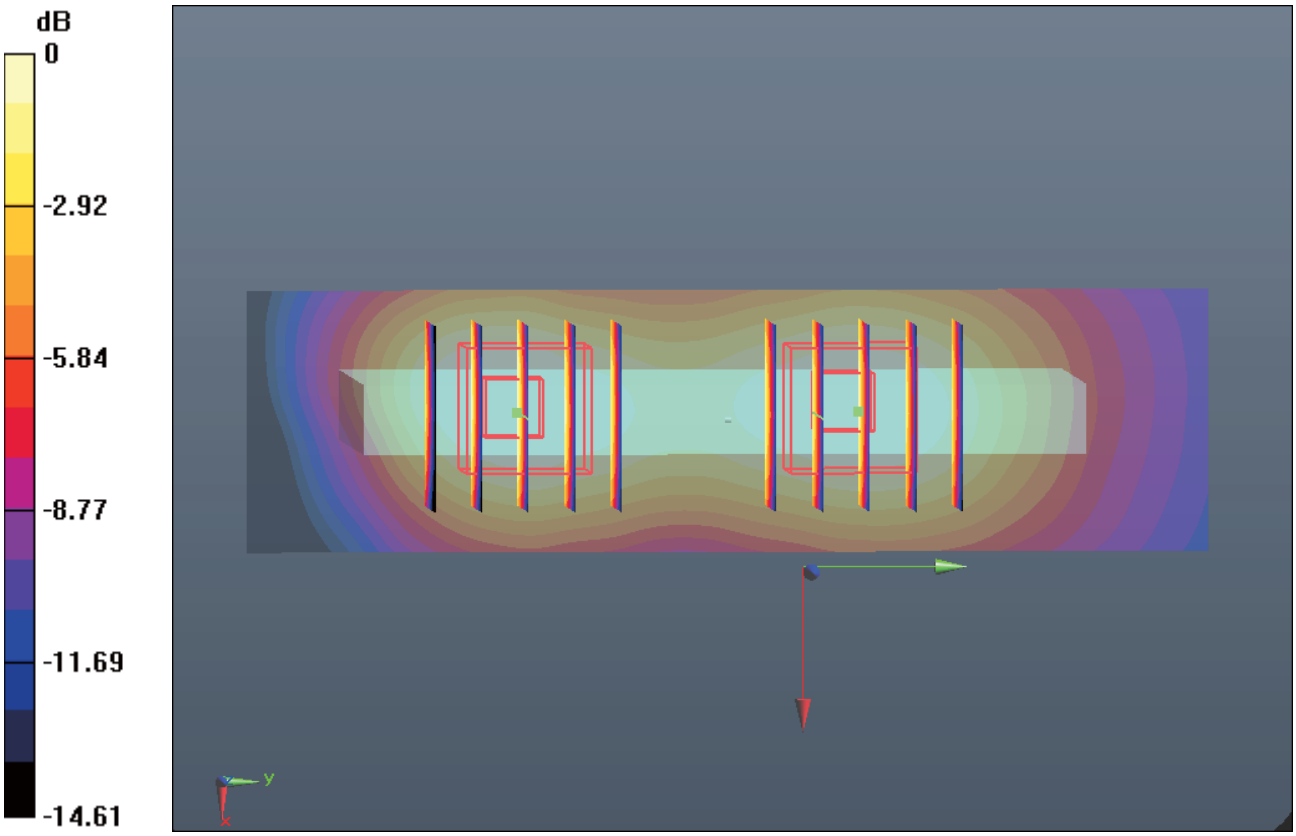
Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1720 MHz; σ = 1.471 mho/m; ε_r = 52.341; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20050/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.420 mW/g

Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.073 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.597 W/kg
SAR(1 g) = 0.376 mW/g; SAR(10 g) = 0.222 mW/g
Maximum value of SAR (measured) = 0.415 mW/g

Ch20050/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.073 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.508 W/kg
SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.208 mW/g
Maximum value of SAR (measured) = 0.357 mW/g



0 dB = 0.360mW/g

#154 LTE Band 4_QPSK(50 25)_20M_Bottom Side_1cm_Ch20175

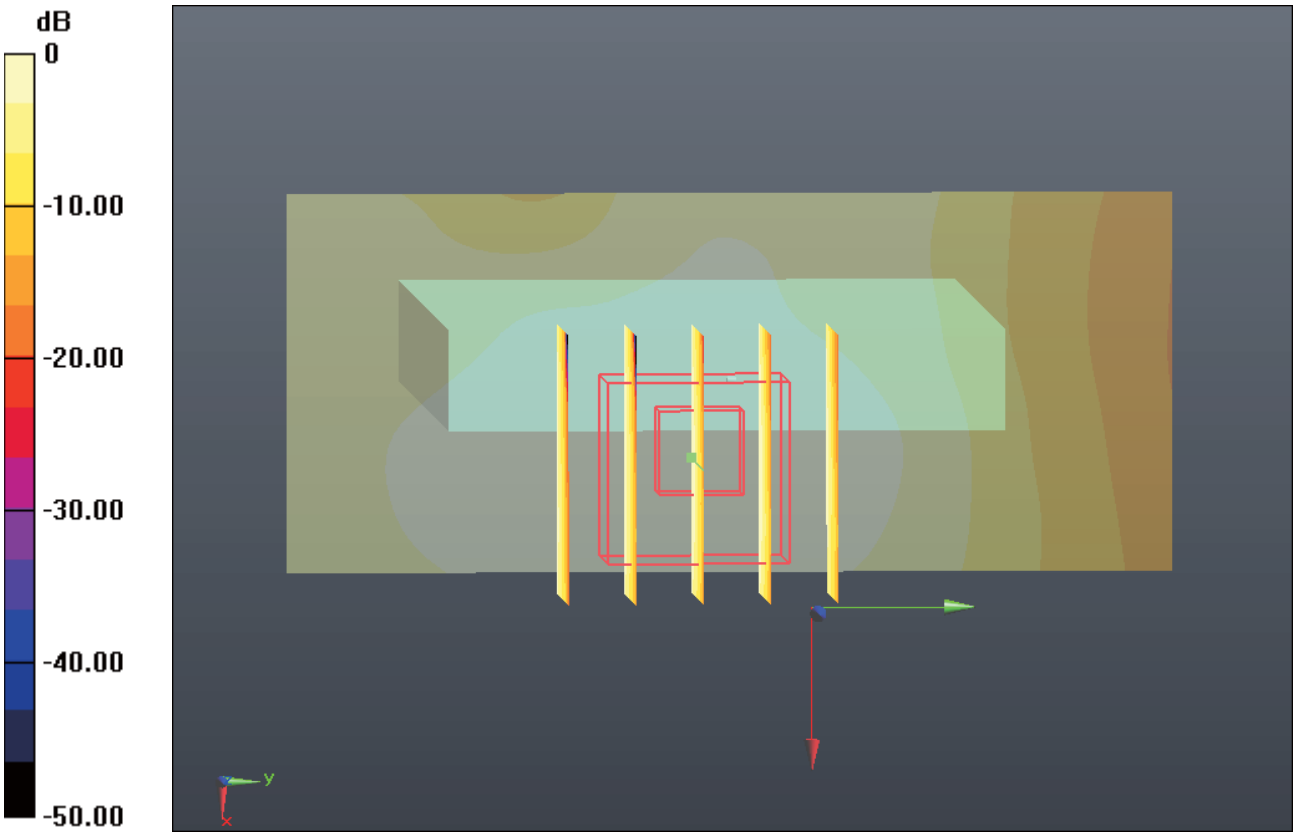
DUT: 271302

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1732.5 MHz; σ = 1.486 mho/m; ε_r = 52.34; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.076 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.463 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.106 W/kg
SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.040 mW/g
Maximum value of SAR (measured) = 0.075 mW/g



0 dB = 0.070mW/g

#159 LTE Band 4_QPSK(1 0)_20M_Bottom Side_1cm_Ch20175

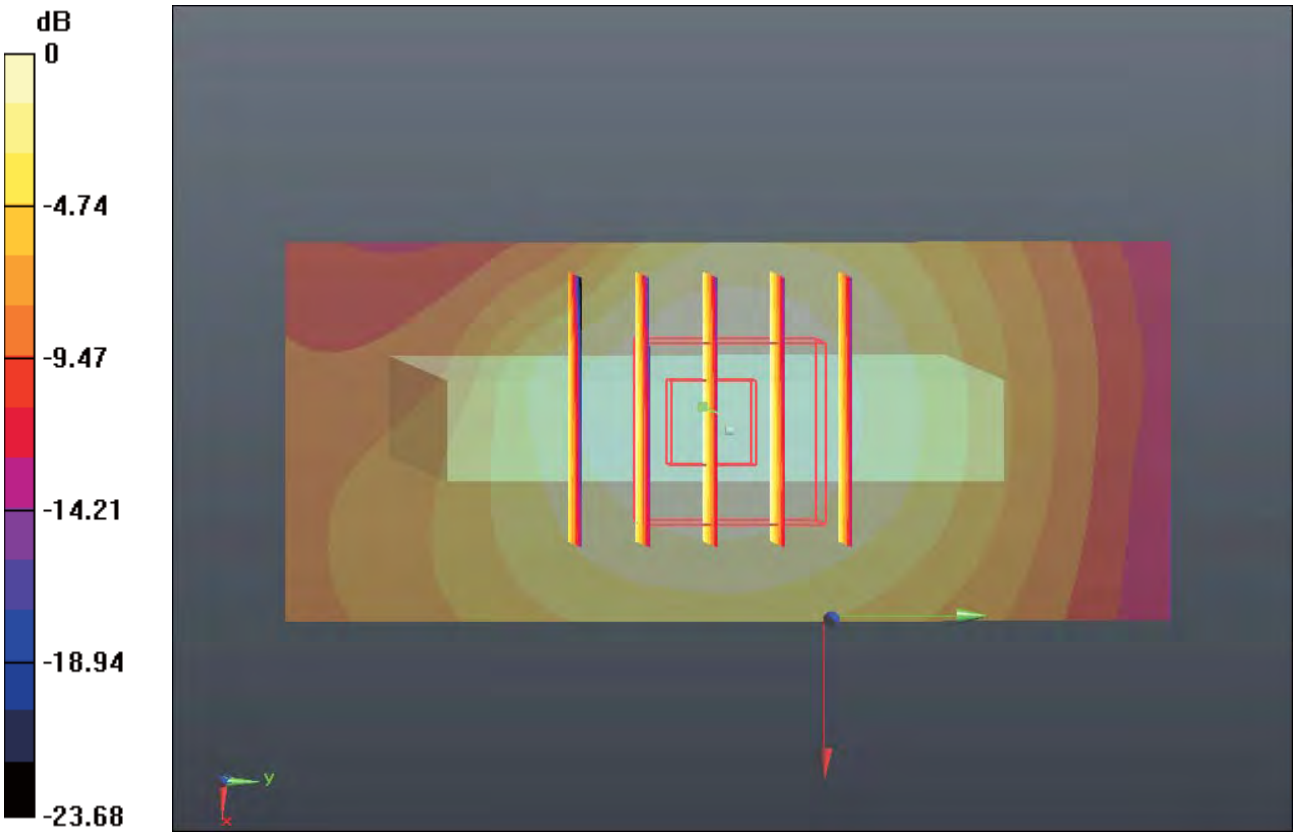
DUT: 271302

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1732.5 MHz; σ = 1.486 mho/m; ε_r = 52.34; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.193 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.873 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.251 W/kg
SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.096 mW/g
Maximum value of SAR (measured) = 0.170 mW/g



0 dB = 0.170mW/g

#164 LTE Band 4_QPSK(1 99)_20M_Bottom Side_1cm_Ch20175

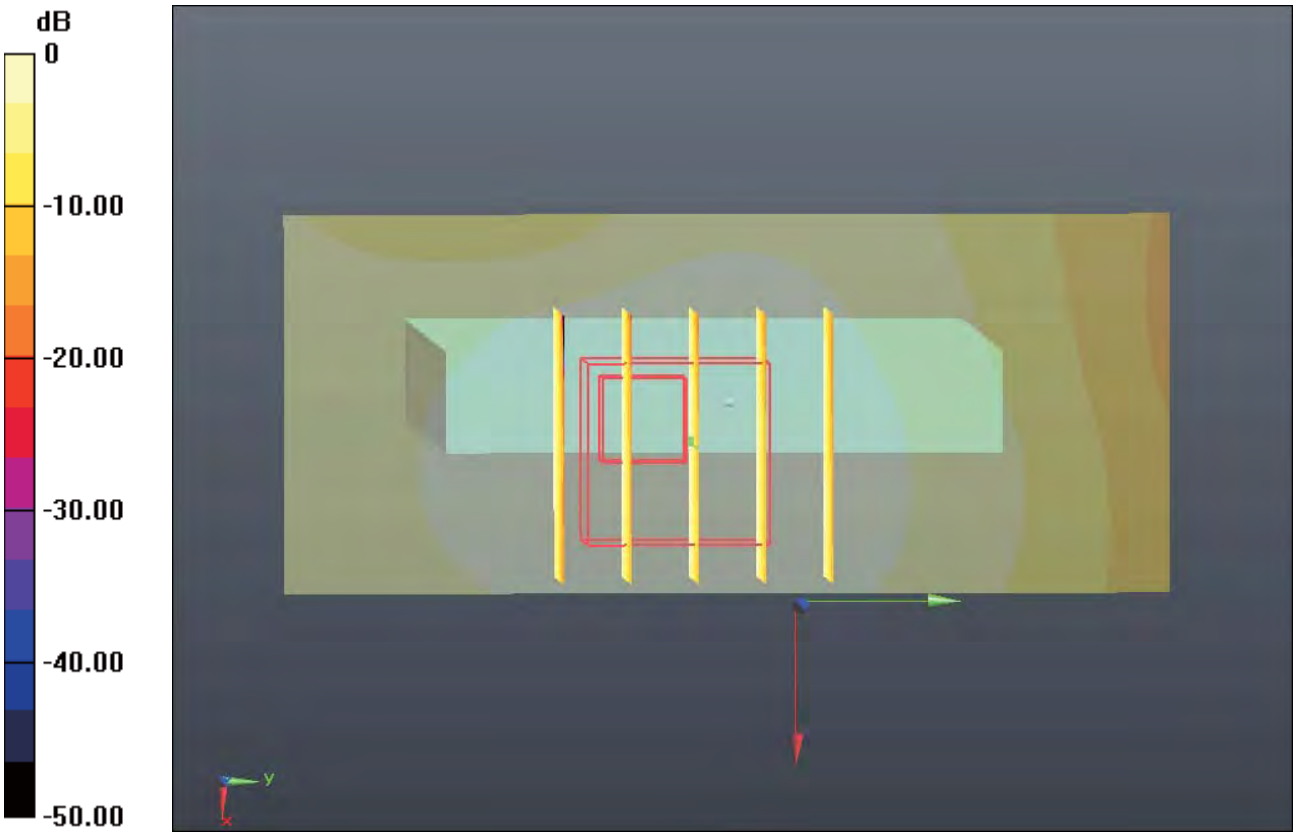
DUT: 271302

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1732.5 MHz; σ = 1.486 mho/m; ε_r = 52.34; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.095 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.624 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.142 W/kg
SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.055 mW/g
Maximum value of SAR (measured) = 0.095 mW/g



0 dB = 0.100mW/g

#169 LTE Band 4_16QAM(50 25)_20M_Bottom Side_1cm_Ch20175

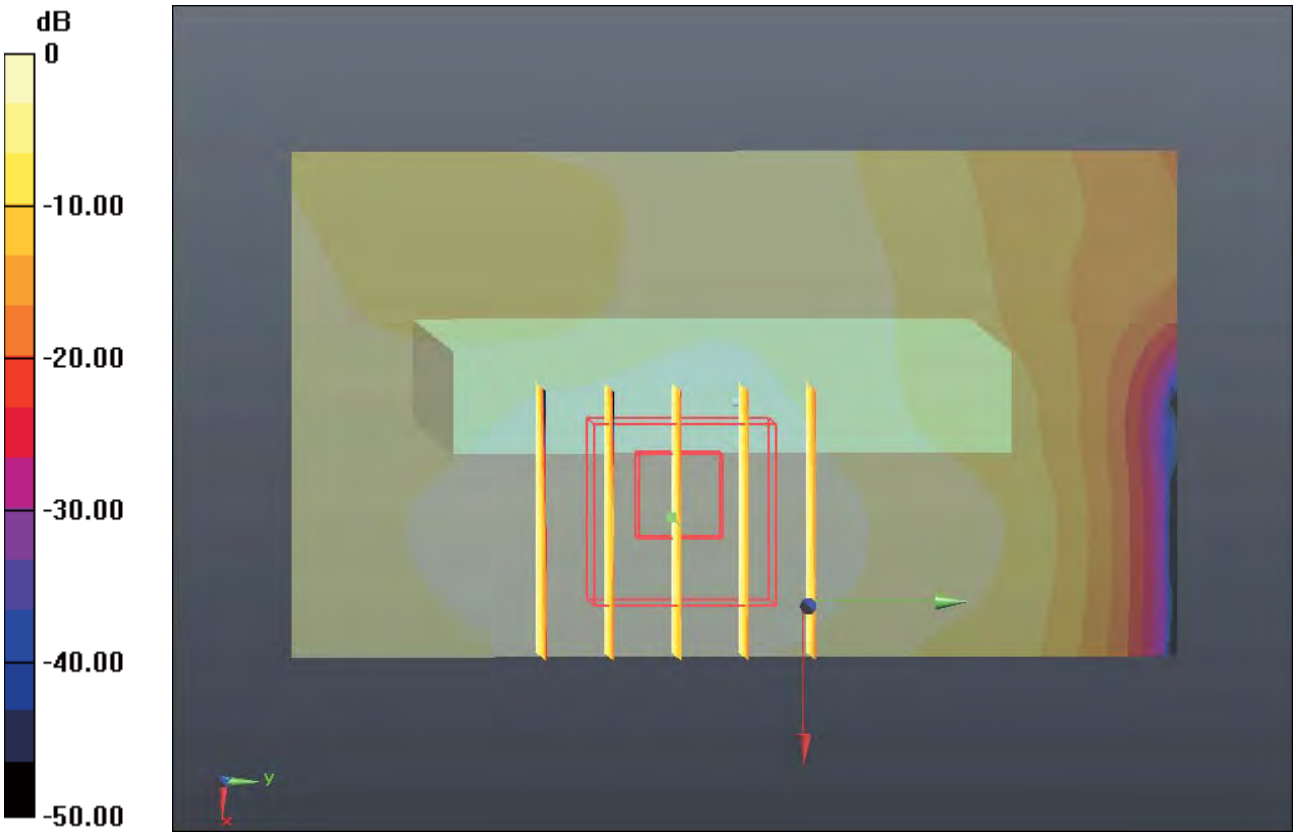
DUT: 271302

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1732.5 MHz; σ = 1.486 mho/m; ε_r = 52.34; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.044 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.422 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.064 W/kg
SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.025 mW/g
Maximum value of SAR (measured) = 0.046 mW/g



0 dB = 0.050mW/g

#174 LTE Band 4_16QAM(1 0)_20M_Bottom Side_1cm_Ch20050

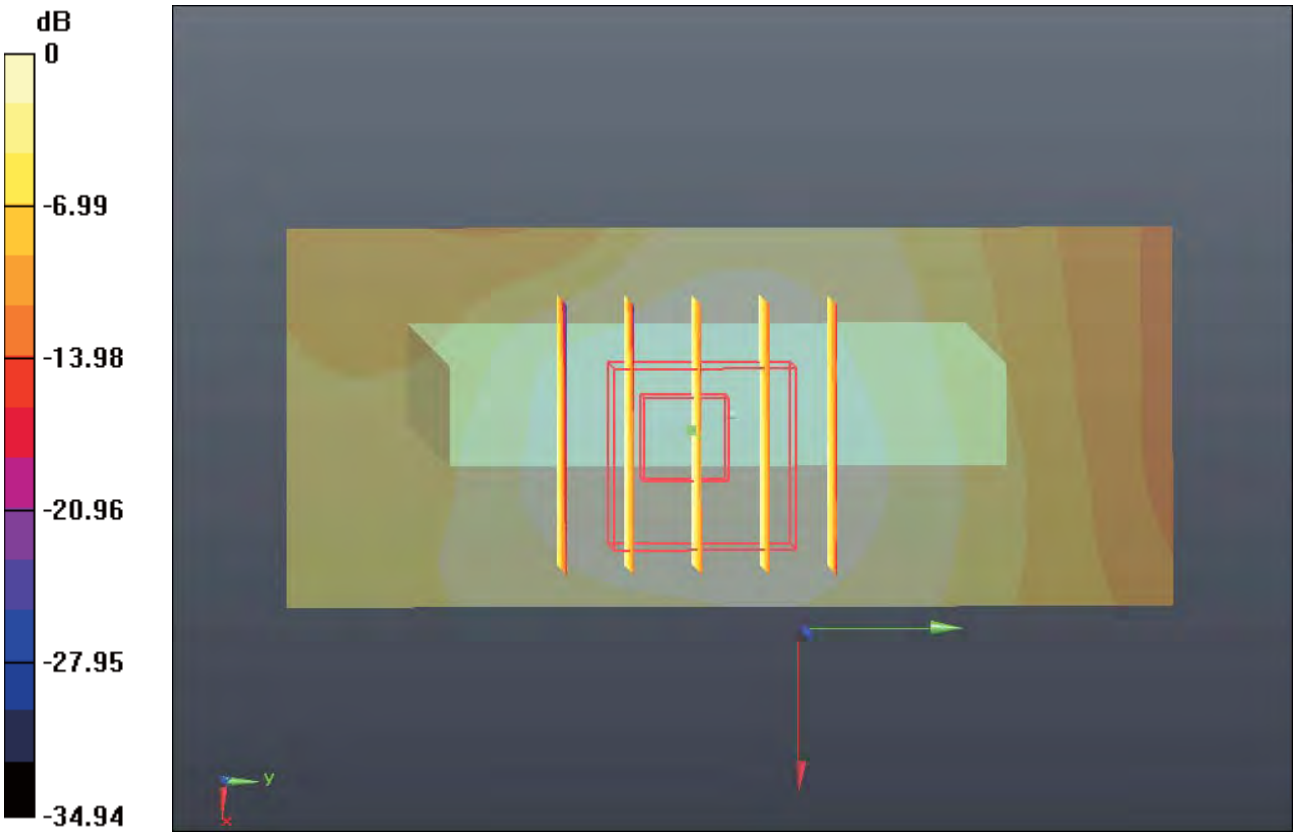
DUT: 271302

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1720 MHz; σ = 1.471 mho/m; ε_r = 52.341; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20050/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.088 mW/g

Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.413 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.114 W/kg
SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.047 mW/g
Maximum value of SAR (measured) = 0.080 mW/g



0 dB = 0.080mW/g

#179 LTE Band 4_16QAM(1 99)_20M_Bottom Side_1cm_Ch20050

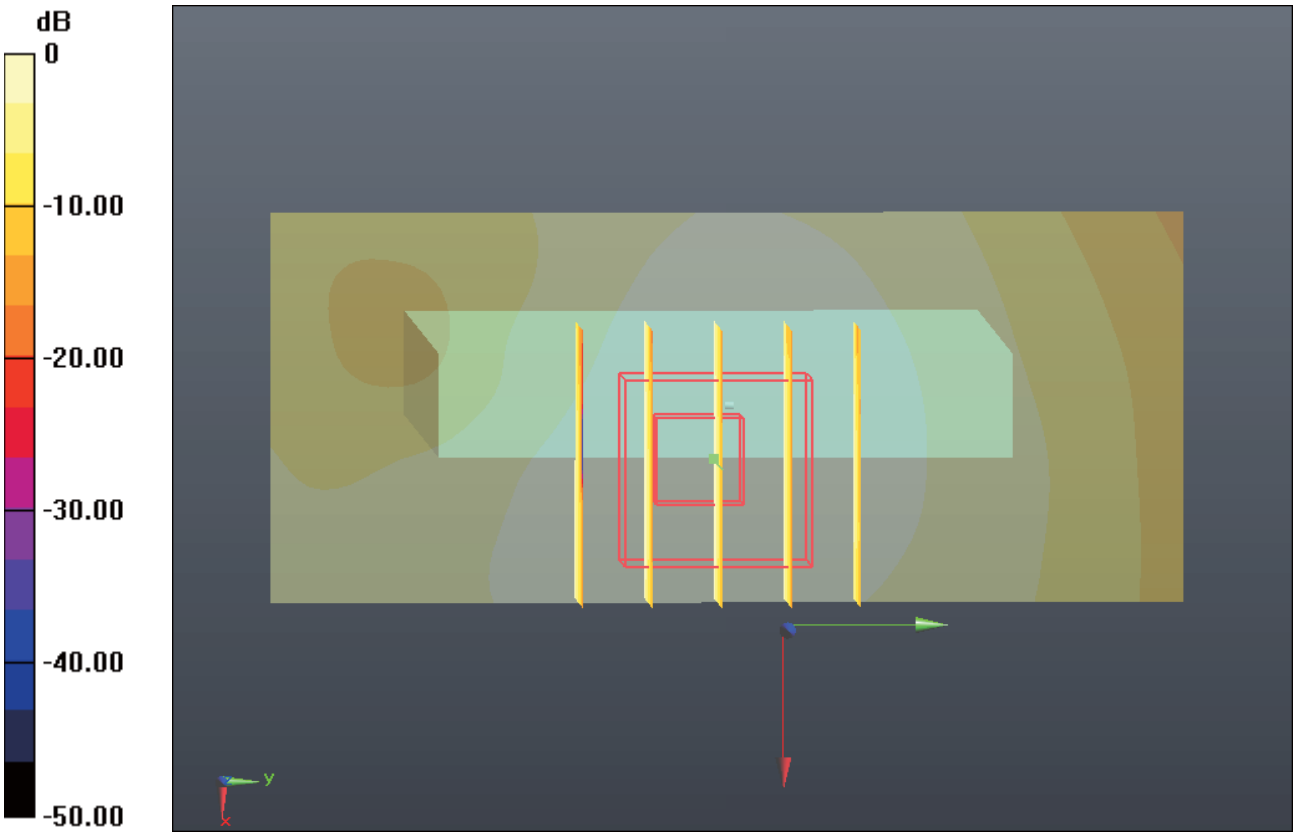
DUT: 271302

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1720 MHz; σ = 1.471 mho/m; ε_r = 52.341; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20050/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.081 mW/g

Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.065 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.107 W/kg
SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.043 mW/g
Maximum value of SAR (measured) = 0.075 mW/g



0 dB = 0.080mW/g

#198 802.11b_Front_1cm_1M_Ch1

DUT: 271302

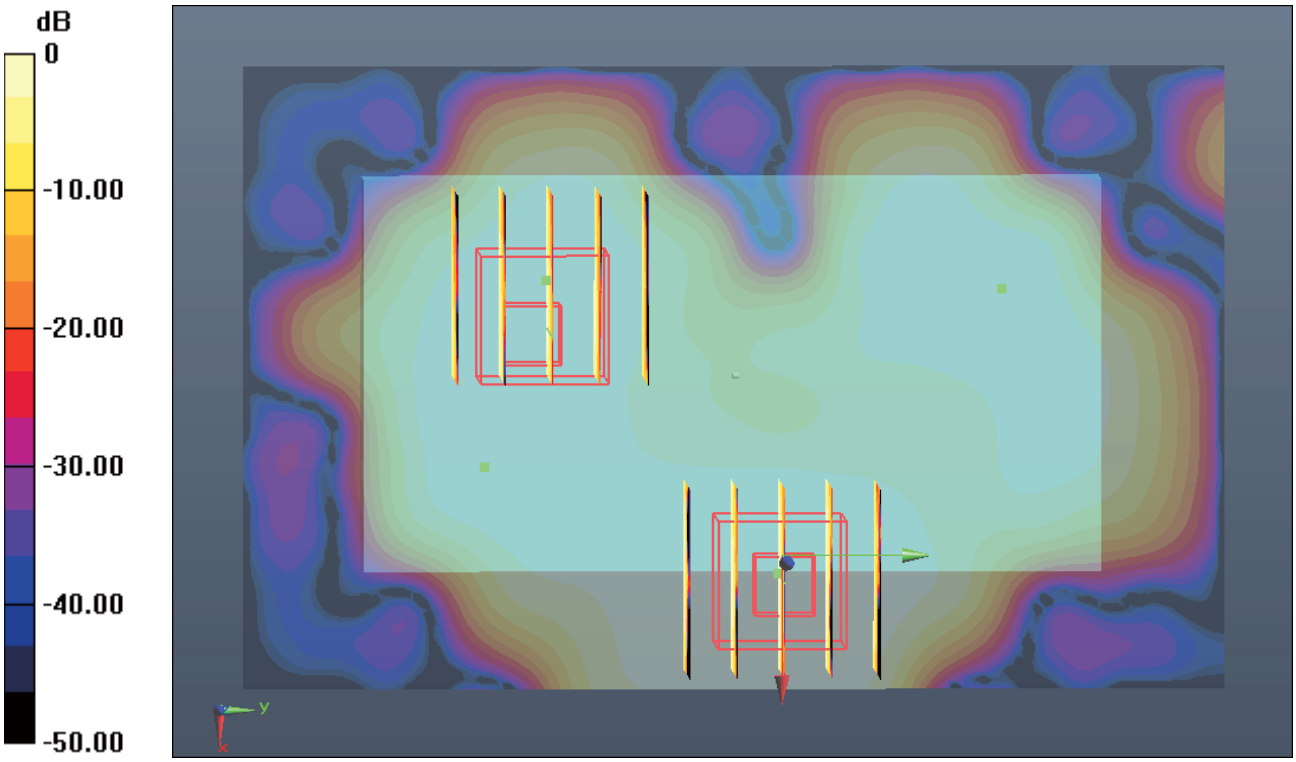
Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120810 Medium parameters used: f = 2412 MHz; σ = 1.912 mho/m; ε_r = 52.16; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.072 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.711 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.111 W/kg
SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.030 mW/g
Maximum value of SAR (measured) = 0.071 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.711 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.063 W/kg
SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.021 mW/g
Maximum value of SAR (measured) = 0.043 mW/g



0 dB = 0.040mW/g

#199 802.11b_Back_1cm_1M_Ch1

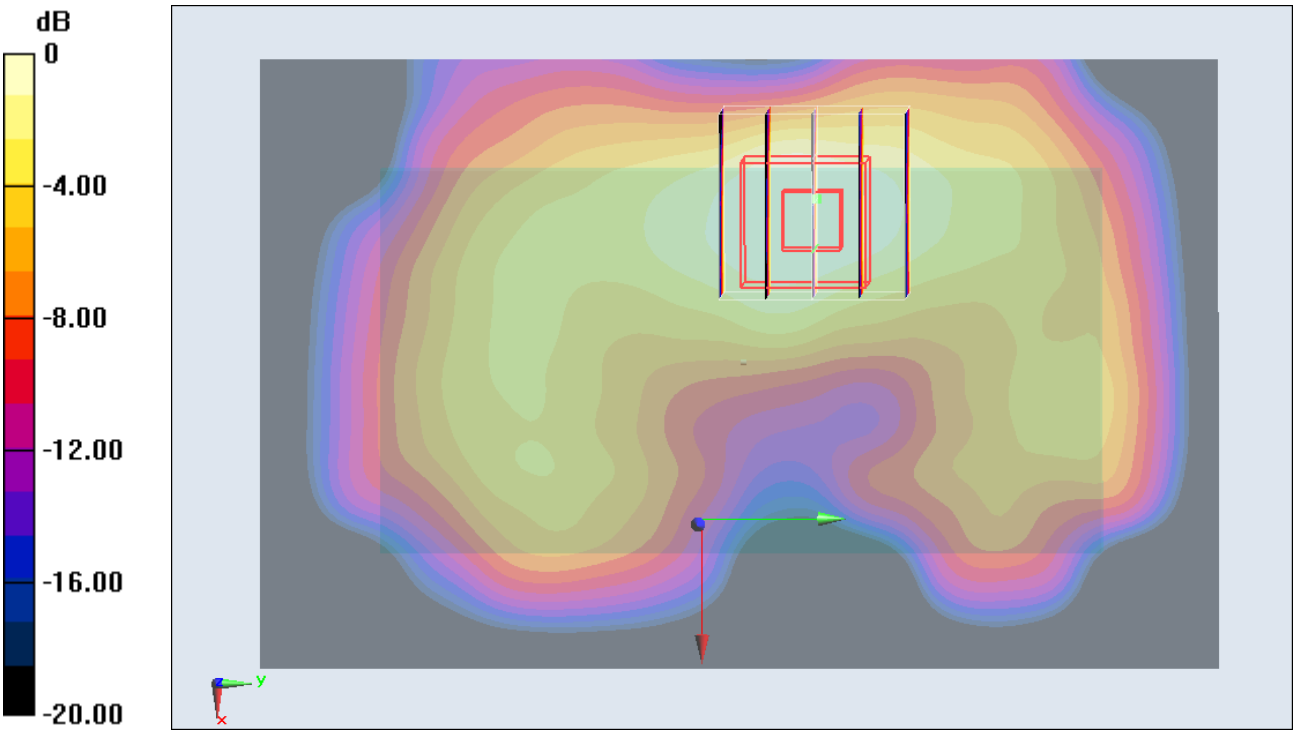
DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120810 Medium parameters used: f = 2412 MHz; σ = 1.912 mho/m; ε_r = 52.16; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.136 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.792 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.235 W/kg
SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.065 mW/g
Maximum value of SAR (measured) = 0.130 mW/g



0 dB = 0.130mW/g

#200 802.11b_Right Side_1cm_1M_Ch1

DUT: 271302

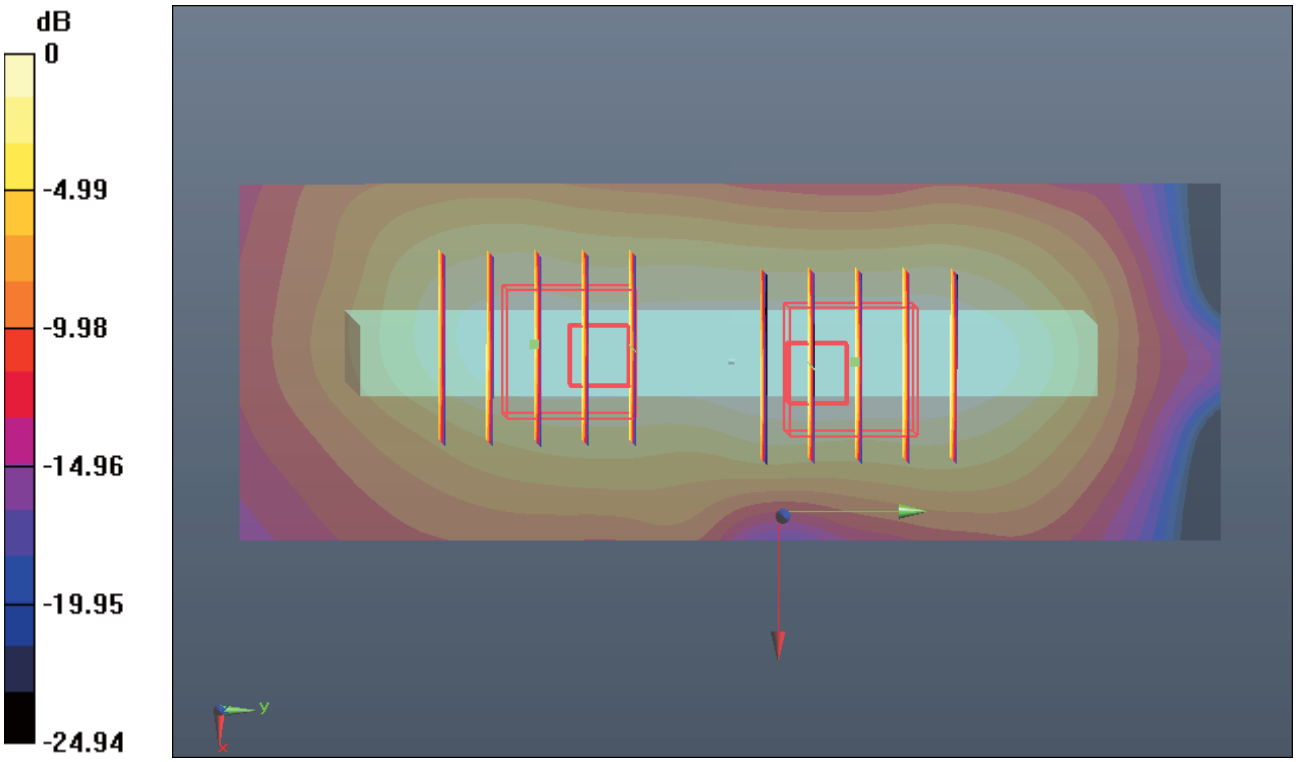
Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120810 Medium parameters used: f = 2412 MHz; σ = 1.912 mho/m; ε_r = 52.16; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (41x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.239 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.612 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.481 W/kg
SAR(1 g) = 0.229 mW/g; SAR(10 g) = 0.110 mW/g
Maximum value of SAR (measured) = 0.252 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.612 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.349 W/kg
SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.091 mW/g
Maximum value of SAR (measured) = 0.194 mW/g



0 dB = 0.190mW/g

#200 802.11b_Right Side_1cm_1M_Ch1_2D

DUT: 271302

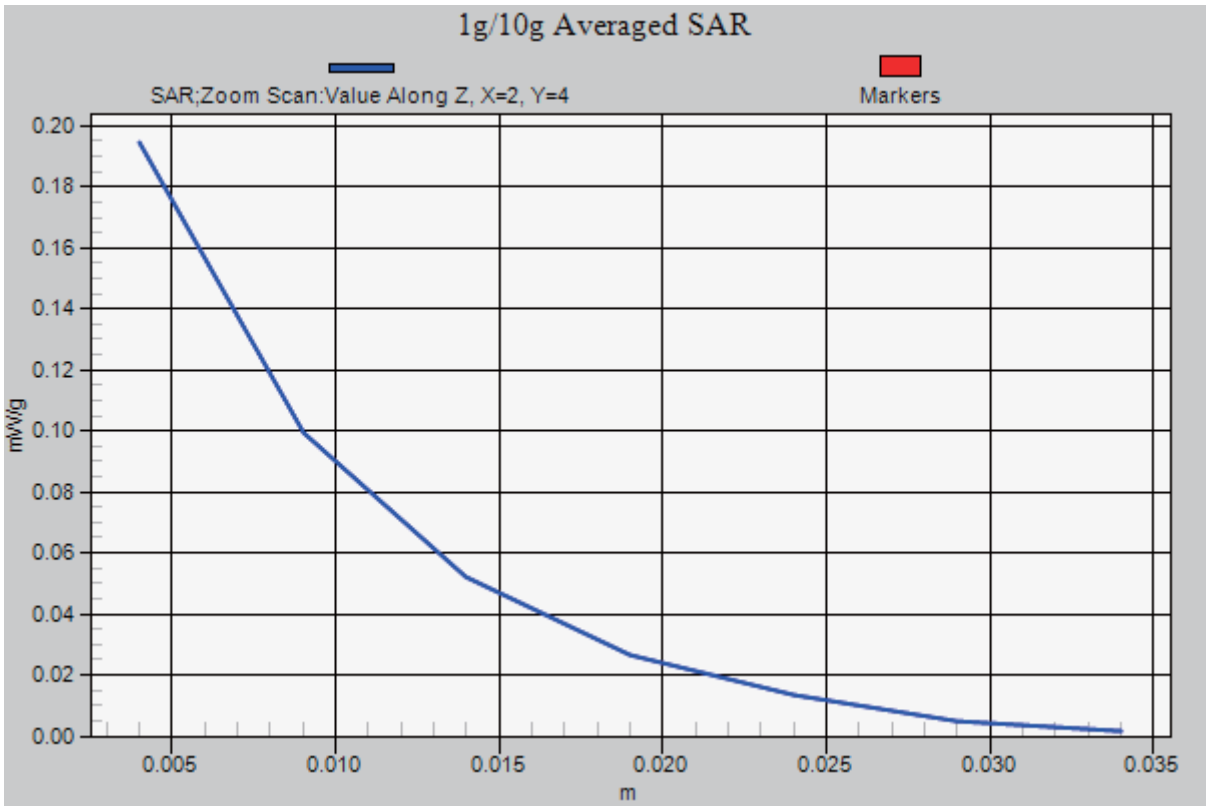
Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120810 Medium parameters used: f = 2412 MHz; σ = 1.912 mho/m; ε_r = 52.16; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (41x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.239 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.612 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.481 W/kg
SAR(1 g) = 0.229 mW/g; SAR(10 g) = 0.110 mW/g
Maximum value of SAR (measured) = 0.252 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.612 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.349 W/kg
SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.091 mW/g
Maximum value of SAR (measured) = 0.194 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=4
Markers
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#102 CDMA2000 BC0_RC3 SO32_Front_1cm_Ch1013

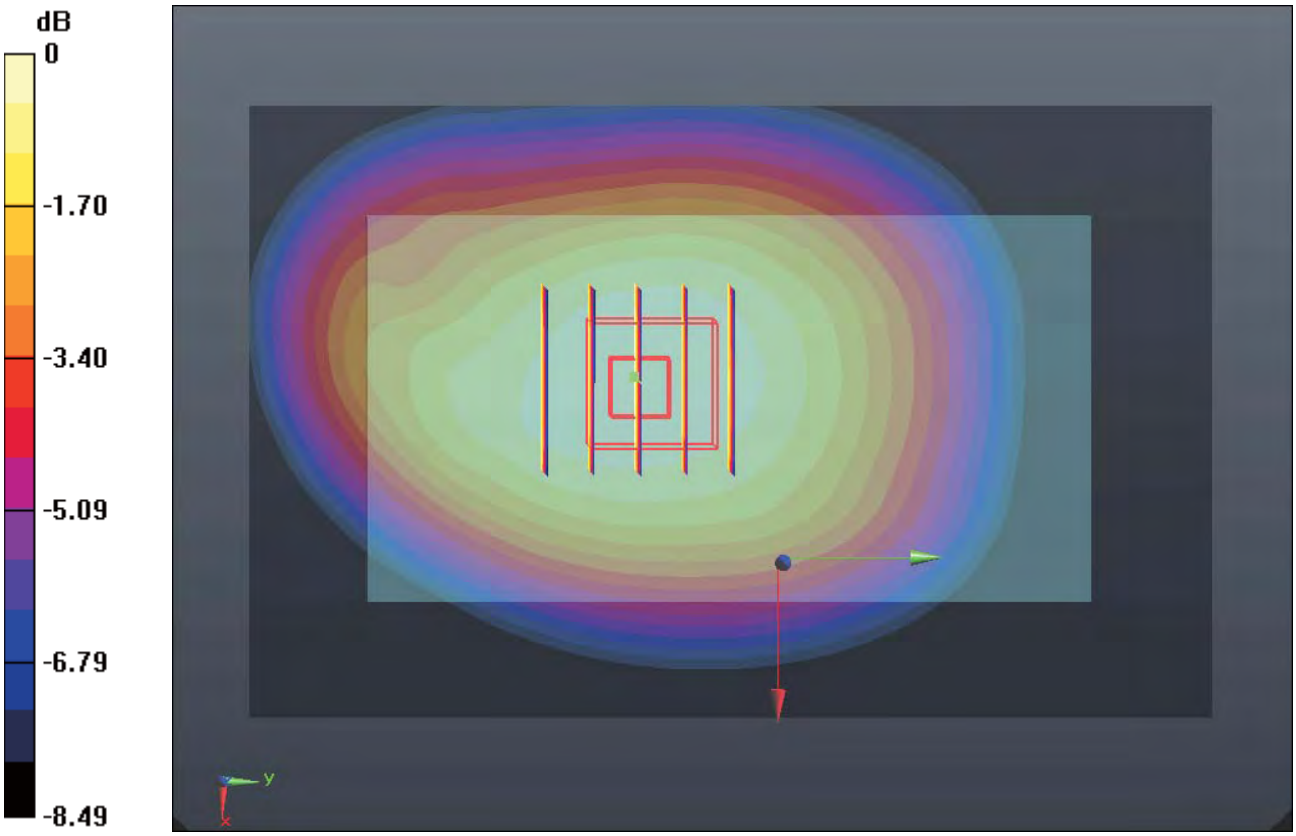
DUT: 271302

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_120730 Medium parameters used: f = 825 MHz; σ = 0.965 mho/m; ε_r = 54.324; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1013/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.793 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.760 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.906 W/kg
SAR(1 g) = 0.750 mW/g; SAR(10 g) = 0.575 mW/g
Maximum value of SAR (measured) = 0.785 mW/g



0 dB = 0.790mW/g

#214 CDMA2000 BC0_RC3 SO32_Front_1cm_Ch1013

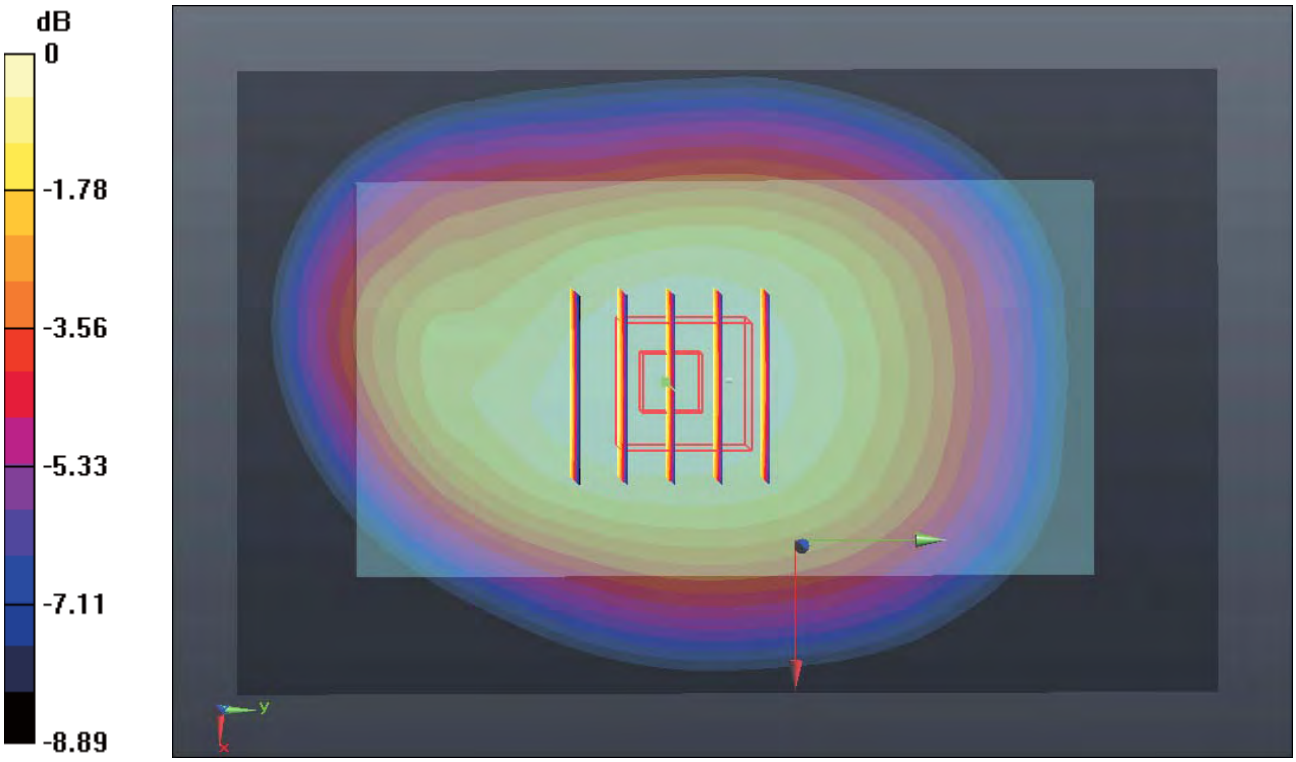
DUT: 271302

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_120812 Medium parameters used: f = 825 MHz; σ = 0.967 mho/m; ε_r = 54.459; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1013/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.185 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.950 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.212 W/kg
SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.134 mW/g
Maximum value of SAR (measured) = 0.184 mW/g



0 dB = 0.180mW/g

#103 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch1013

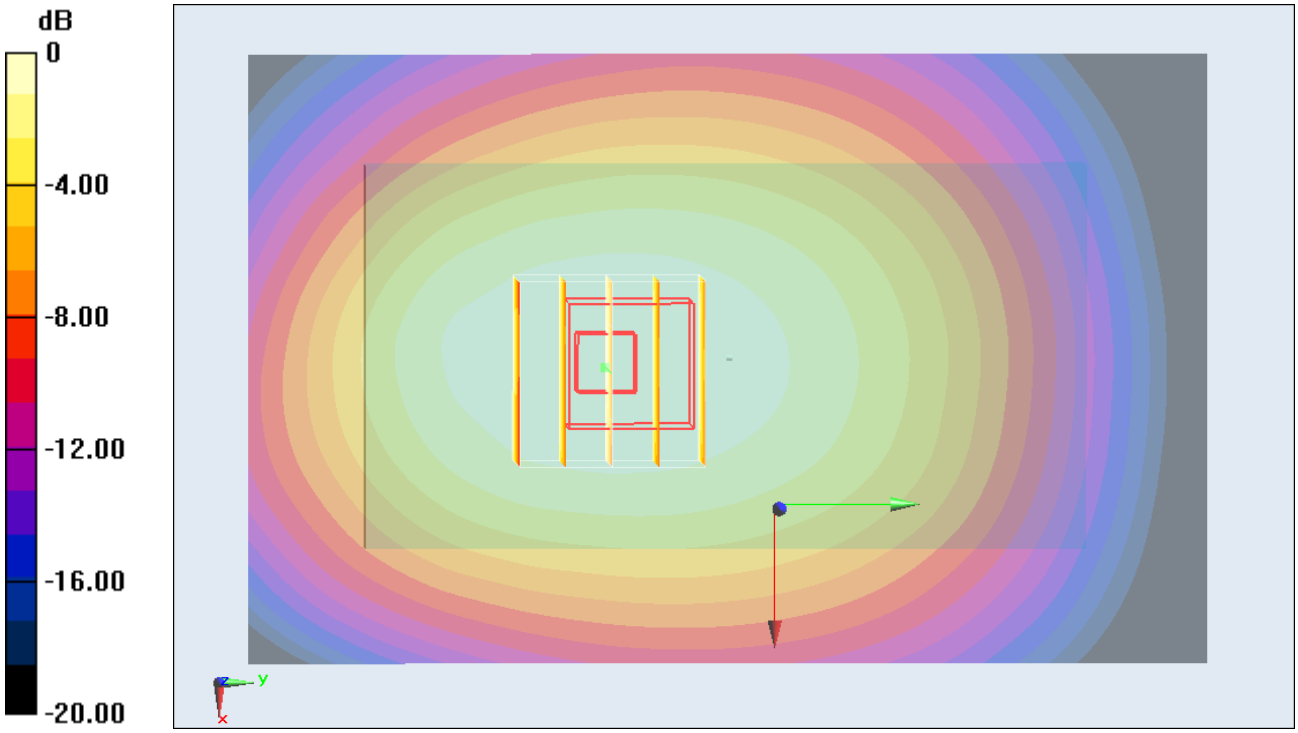
DUT: 271302

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_120730 Medium parameters used: f = 825 MHz; σ = 0.965 mho/m; ε_r = 54.324; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1013/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.079 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.397 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.299 W/kg
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.779 mW/g
Maximum value of SAR (measured) = 1.096 mW/g



0 dB = 1.100mW/g

#103 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch1013_2D

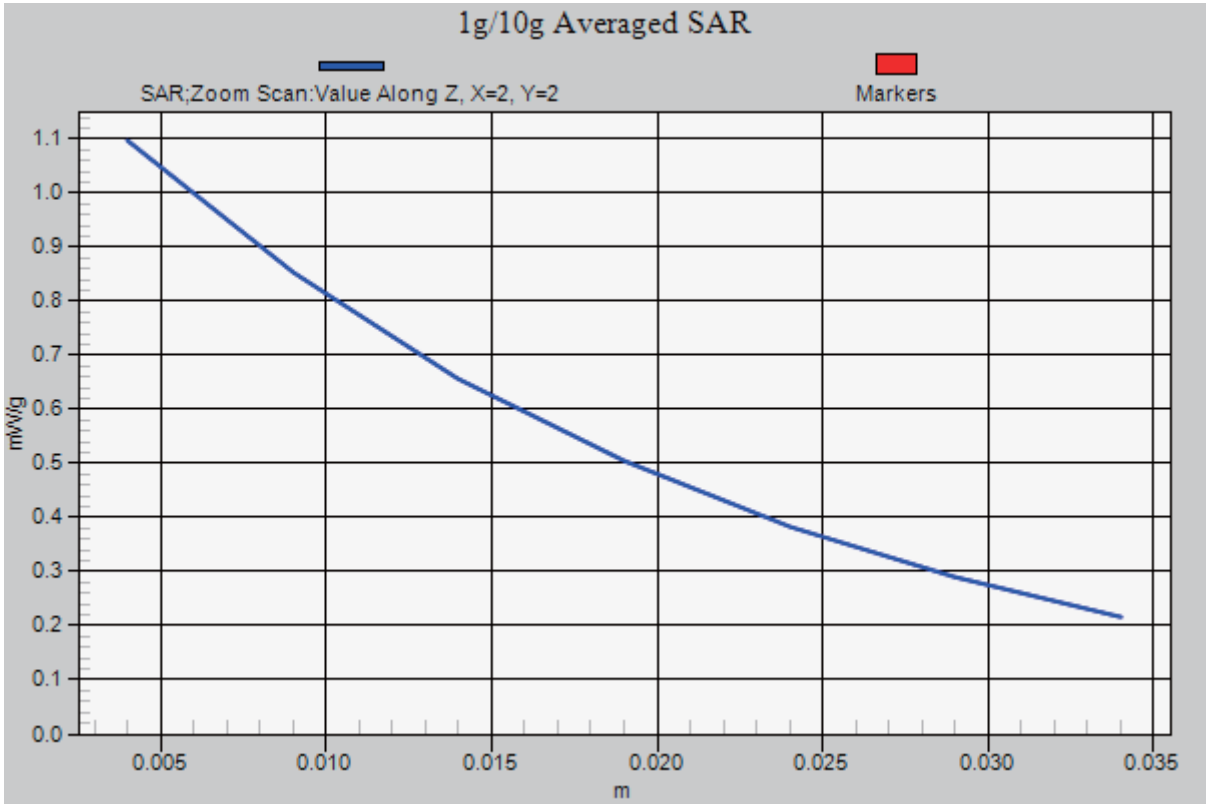
DUT: 271302

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_120730 Medium parameters used: f = 825 MHz; σ = 0.965 mho/m; ε_r = 54.324; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1013/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.079 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.397 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.299 W/kg
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.779 mW/g
Maximum value of SAR (measured) = 1.096 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#109 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch384

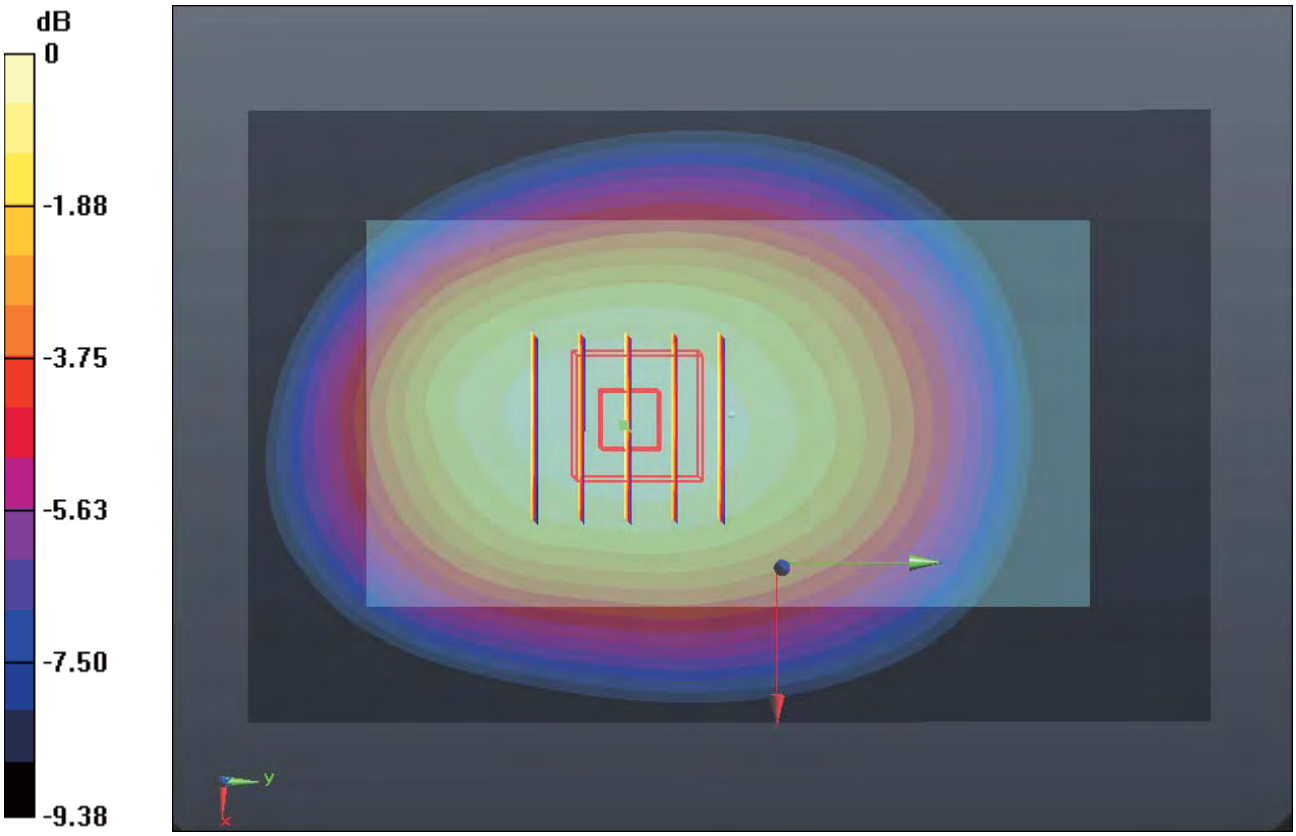
DUT: 271302

Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: MSL_835_120730 Medium parameters used: f = 837 MHz; σ = 0.976 mho/m; ε_r = 54.233; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch384/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.936 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.915 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.090 W/kg
SAR(1 g) = 0.886 mW/g; SAR(10 g) = 0.672 mW/g
Maximum value of SAR (measured) = 0.929 mW/g



0 dB = 0.930mW/g

#110 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch777

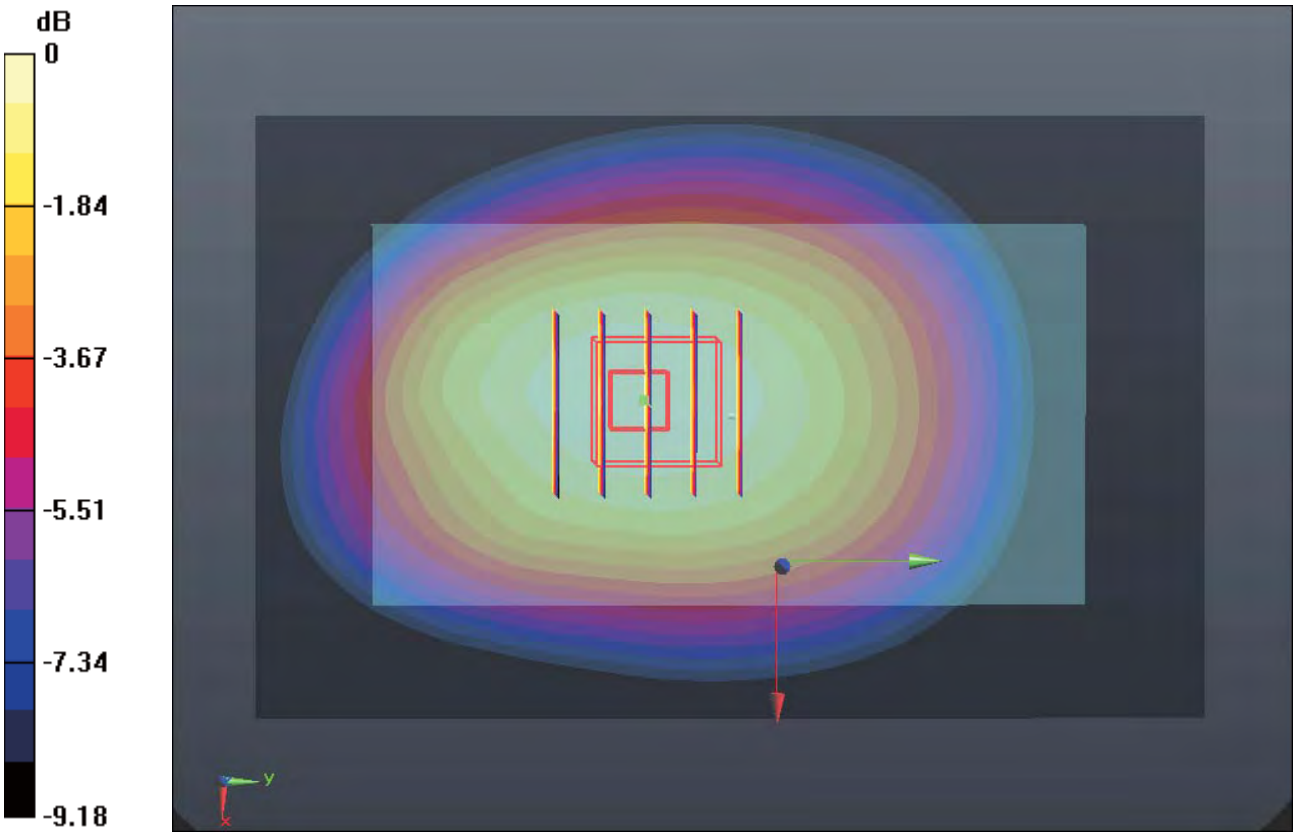
DUT: 271302

Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: MSL_835_120730 Medium parameters used: f = 848.31 MHz; σ = 0.987 mho/m; ε_r = 54.133; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch777/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.846 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.318 V/m; Power Drift = -0.009 dB
Peak SAR (extrapolated) = 0.997 W/kg
SAR(1 g) = 0.806 mW/g; SAR(10 g) = 0.607 mW/g
Maximum value of SAR (measured) = 0.852 mW/g



0 dB = 0.850mW/g

#221 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch1013

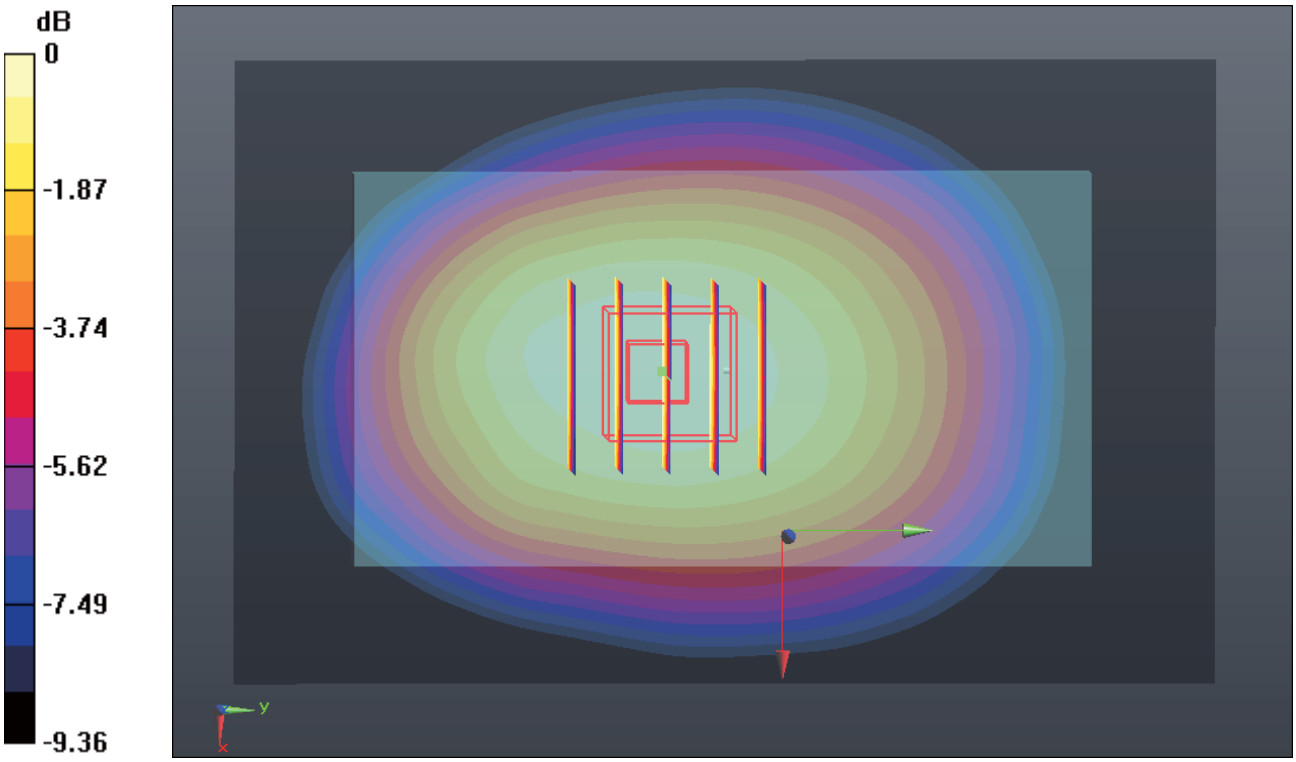
DUT: 271302

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_120812 Medium parameters used: f = 825 MHz; σ = 0.967 mho/m; ε_r = 54.459; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1013/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.251 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.827 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.295 W/kg
SAR(1 g) = 0.241 mW/g; SAR(10 g) = 0.181 mW/g
Maximum value of SAR (measured) = 0.253 mW/g



0 dB = 0.250mW/g

#78 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch1013_Headset

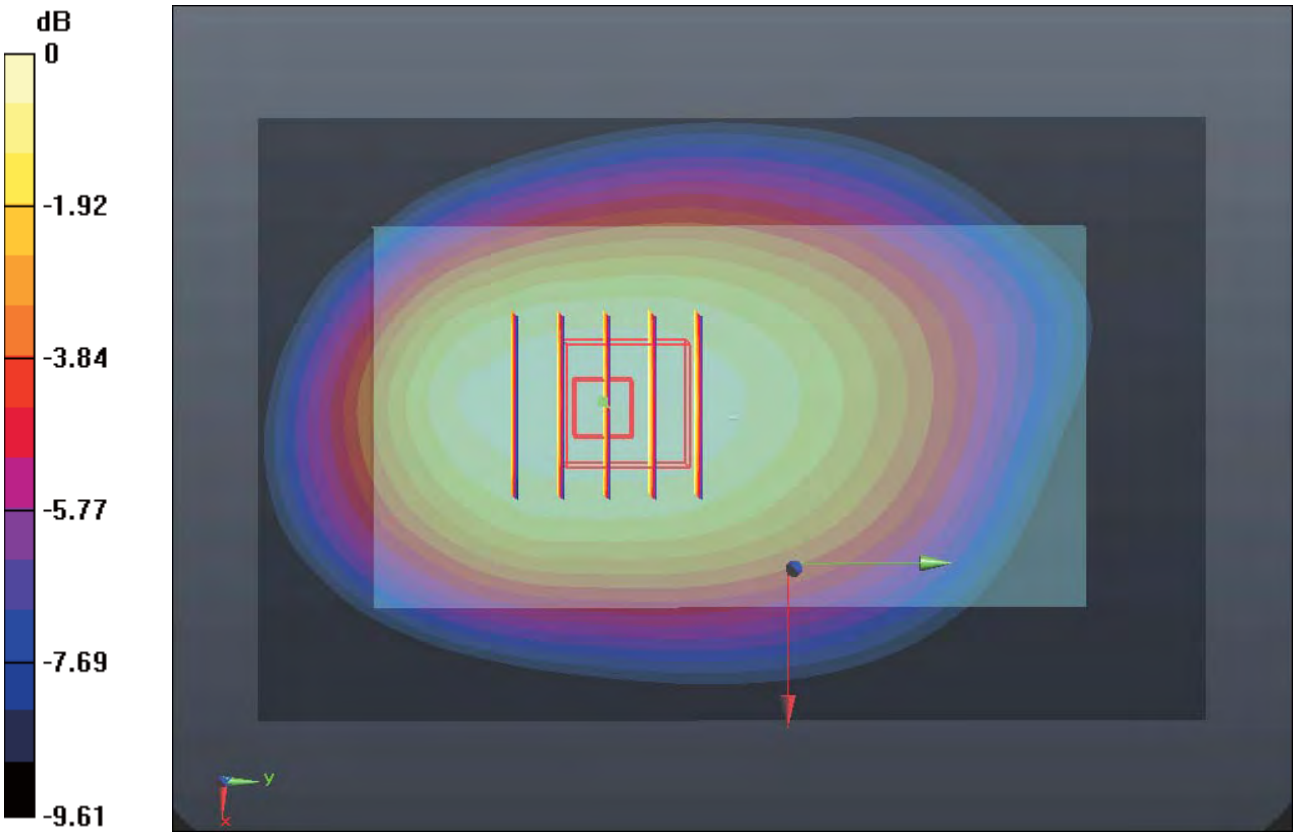
DUT: 271302

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_120730 Medium parameters used: f = 825 MHz; σ = 0.965 mho/m; ε_r = 54.324; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1013/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.818 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.962 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.978 W/kg
SAR(1 g) = 0.779 mW/g; SAR(10 g) = 0.584 mW/g
Maximum value of SAR (measured) = 0.822 mW/g



0 dB = 0.820mW/g

#228 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch1013_Headset

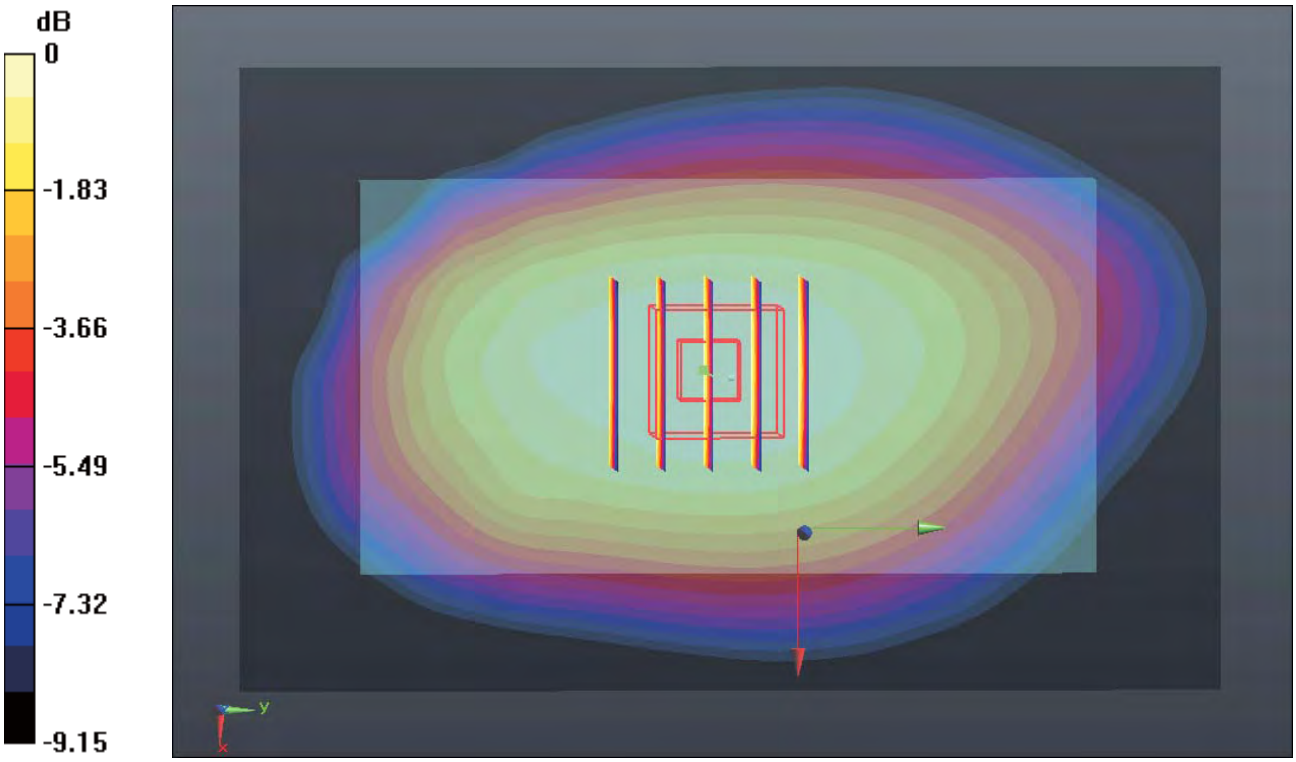
DUT: 271302

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_120812 Medium parameters used: f = 825 MHz; σ = 0.967 mho/m; ε_r = 54.459; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1013/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.155 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.771 V/m; Power Drift = 0.00063 dB
Peak SAR (extrapolated) = 0.181 W/kg
SAR(1 g) = 0.147 mW/g; SAR(10 g) = 0.112 mW/g
Maximum value of SAR (measured) = 0.155 mW/g



0 dB = 0.150mW/g

#79 CDMA2000 BC1_RC3 SO32_Front_1cm_Ch25

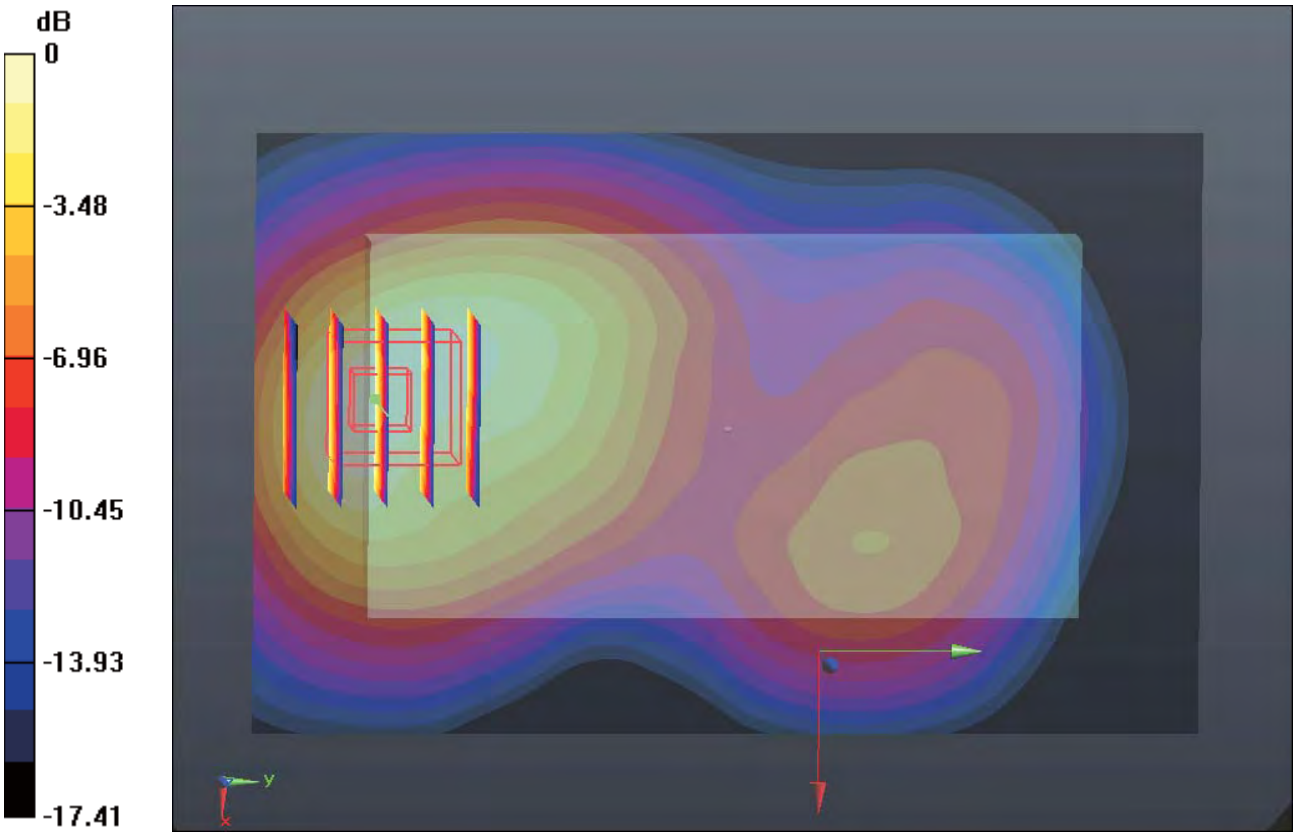
DUT: 271302

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120729 Medium parameters used: f = 1851.25 MHz; σ = 1.49 mho/m; ε_r = 53.878; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.183 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.835 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.793 W/kg
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.635 mW/g
Maximum value of SAR (measured) = 1.220 mW/g



0 dB = 1.220mW/g

#84 CDMA2000 BC1_RC3 SO32_Front_1cm_Ch600

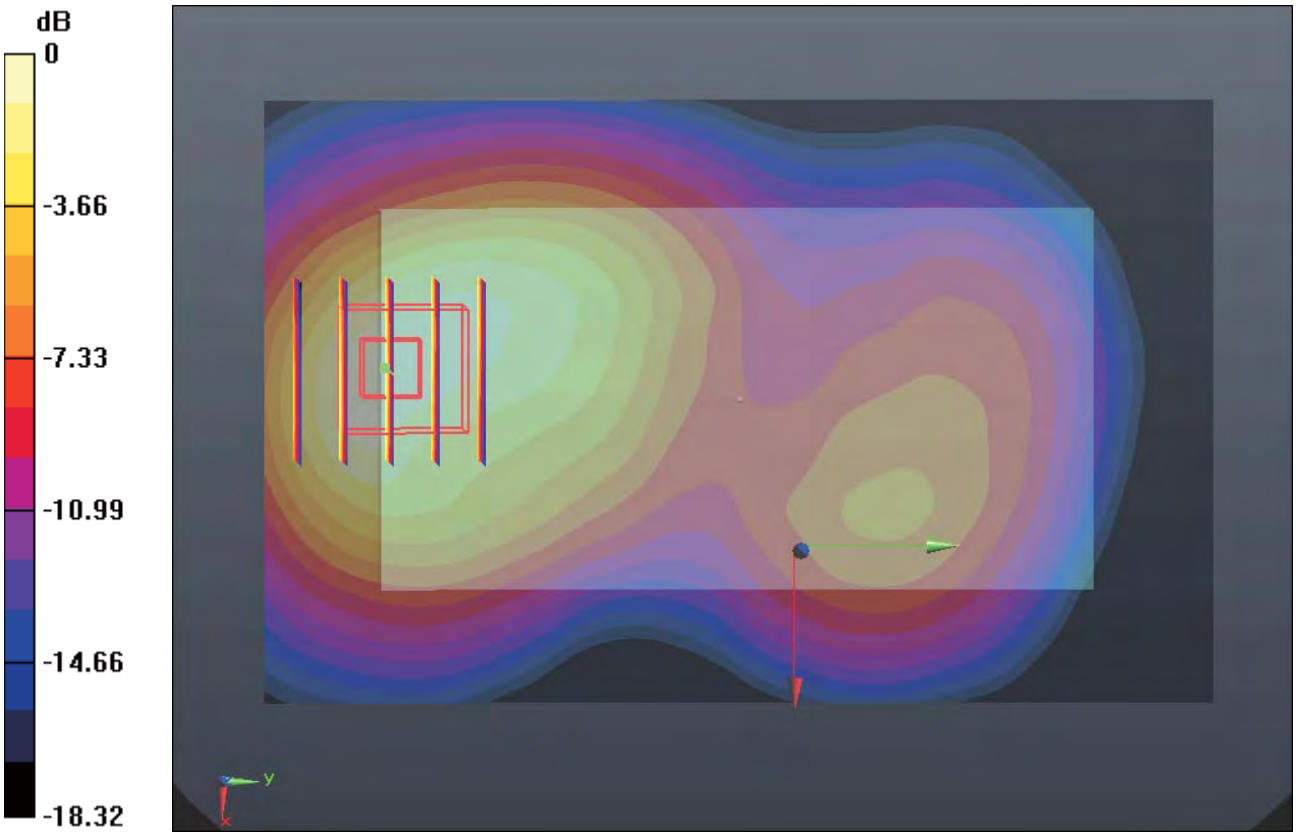
DUT: 271302

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120729 Medium parameters used: f = 1880 MHz; σ = 1.525 mho/m; ε_r = 53.834; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.029 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.150 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.602 W/kg
SAR(1 g) = 0.963 mW/g; SAR(10 g) = 0.553 mW/g
Maximum value of SAR (measured) = 1.076 mW/g



0 dB = 1.080mW/g

#85 CDMA2000 BC1_RC3 SO32_Front_1cm_Ch1175

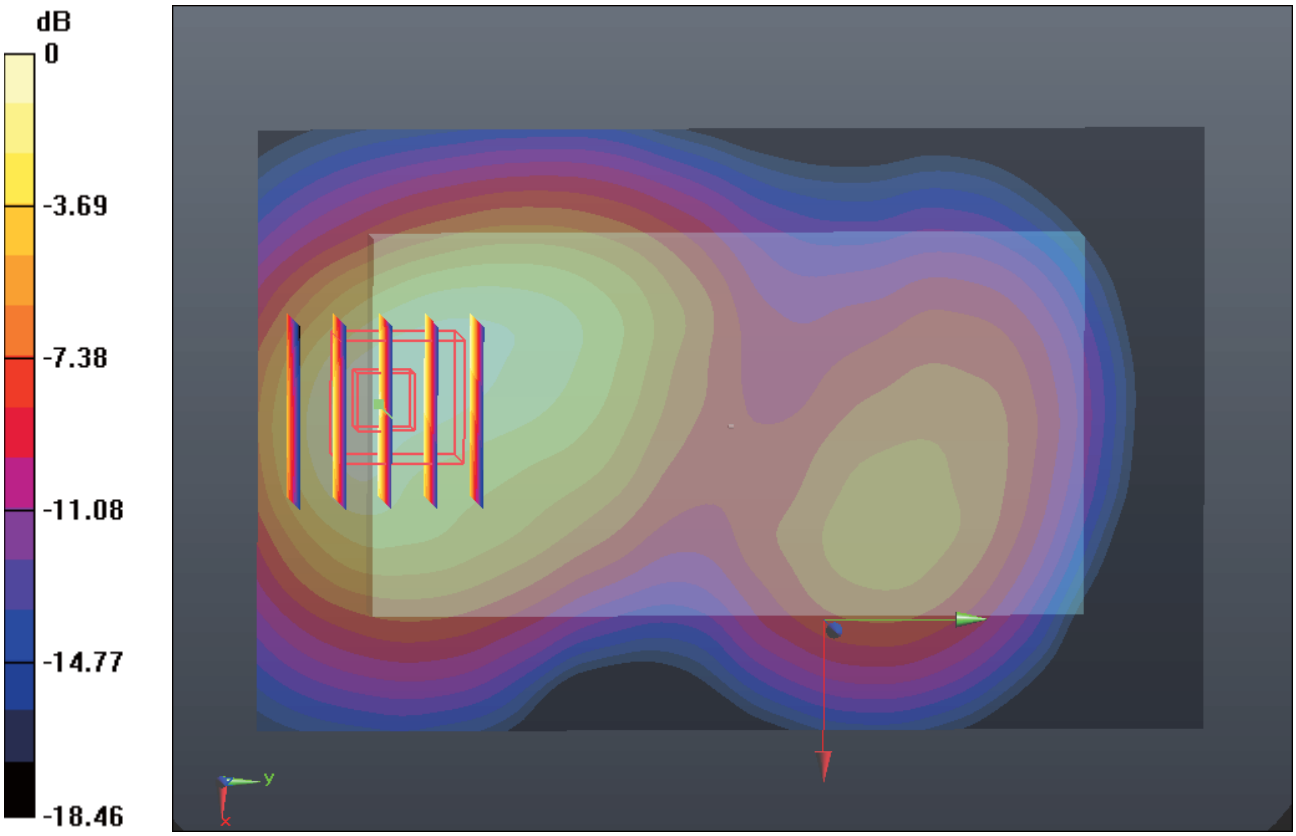
DUT: 271302

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120729 Medium parameters used: f = 1909 MHz; σ = 1.556 mho/m; ε_r = 53.786; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.897 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.379 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.394 W/kg
SAR(1 g) = 0.832 mW/g; SAR(10 g) = 0.473 mW/g
Maximum value of SAR (measured) = 0.933 mW/g



0 dB = 0.930mW/g

#215 CDMA2000_BC1_RC3 SO32_Front_1cm_Ch25

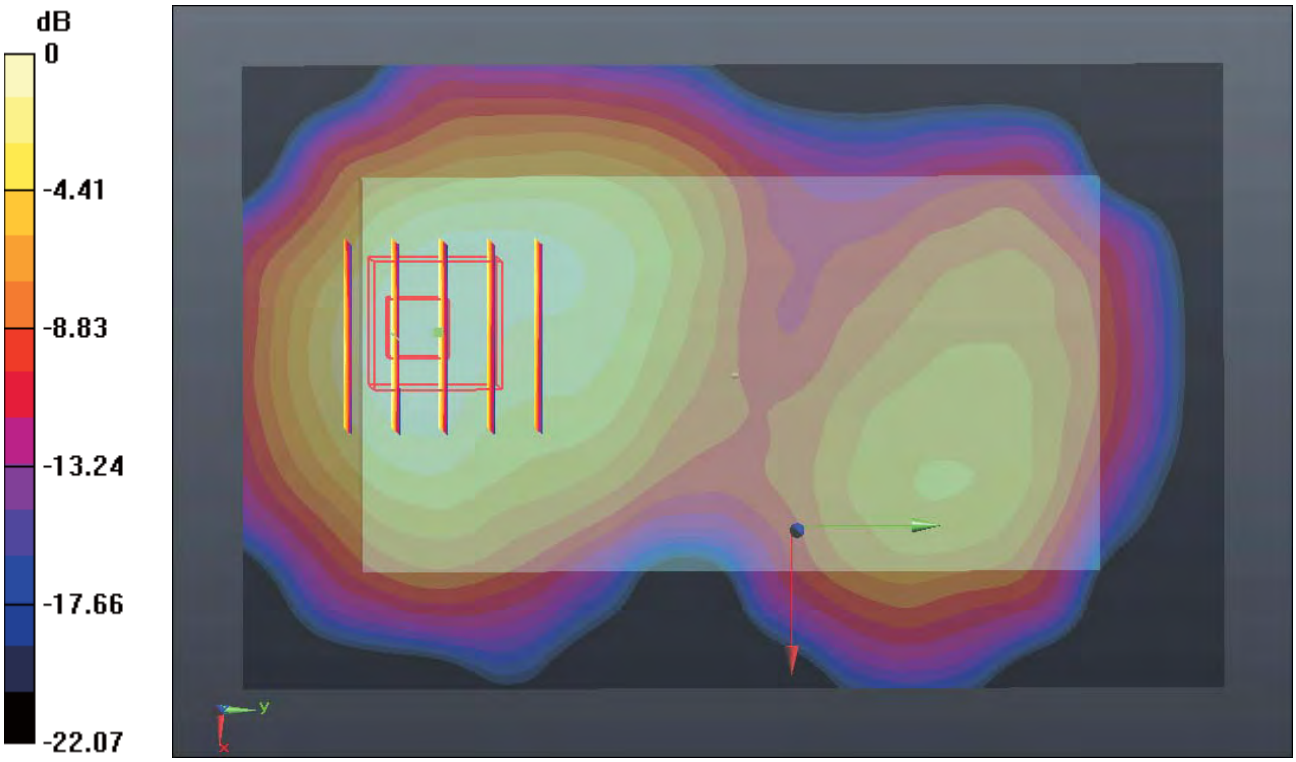
DUT: 271302

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120812 Medium parameters used: f = 1851.25 MHz; σ = 1.471 mho/m; ε_r = 54.769; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.134 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.642 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.206 W/kg
SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.071 mW/g
Maximum value of SAR (measured) = 0.131 mW/g



0 dB = 0.130mW/g

#80 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25

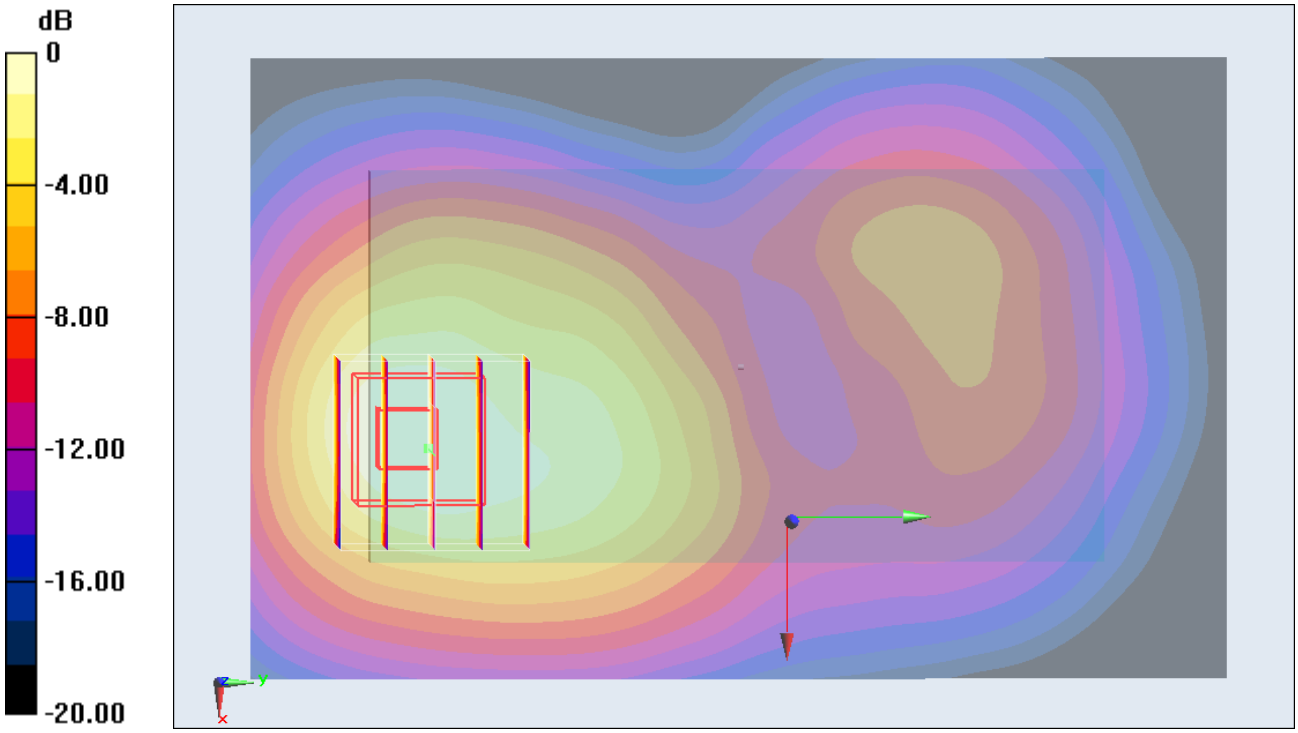
DUT: 271302

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120729 Medium parameters used: f = 1851.25 MHz; σ = 1.49 mho/m; ε_r = 53.878; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.534 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.845 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 2.289 W/kg
SAR(1 g) = 1.4 mW/g; SAR(10 g) = 0.787 mW/g
Maximum value of SAR (measured) = 1.481 mW/g



0 dB = 1.480mW/g

#86 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch600

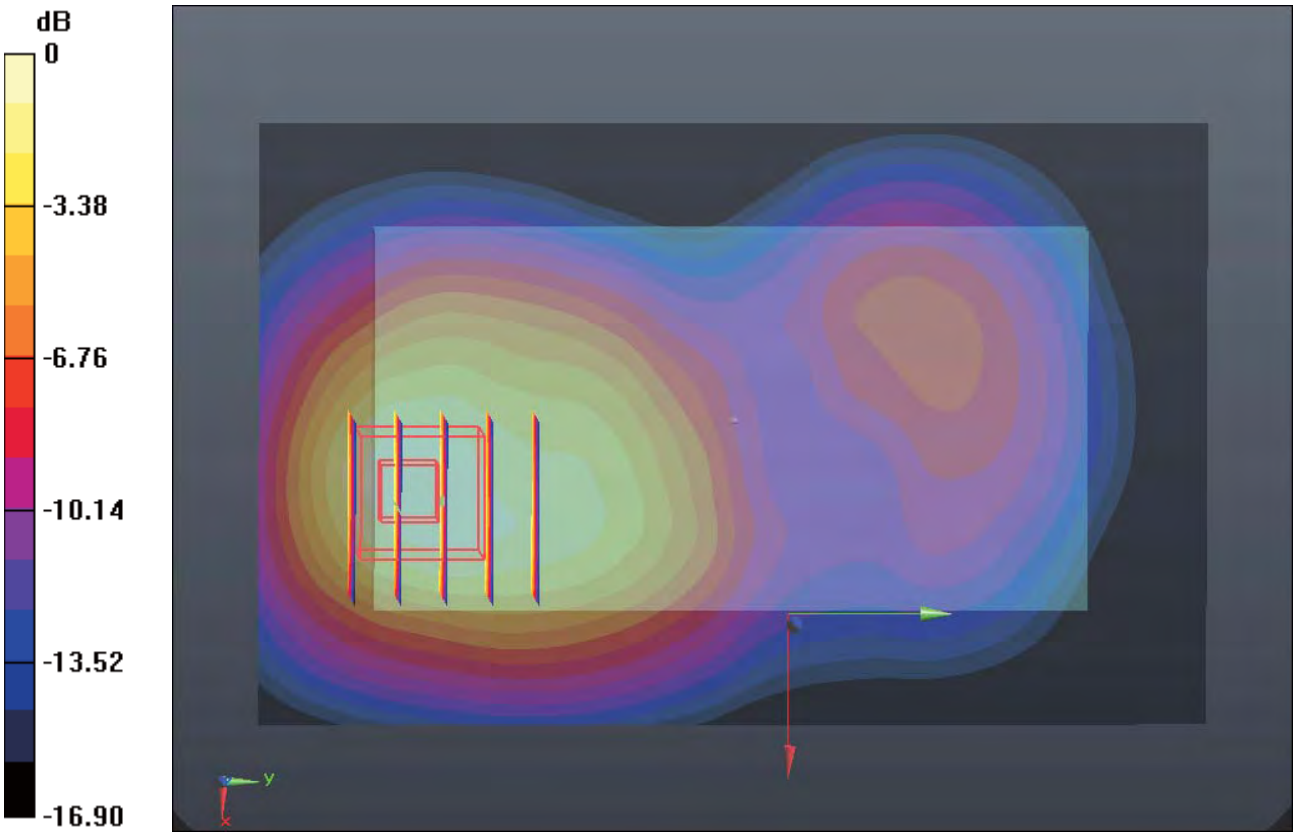
DUT: 271302

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120729 Medium parameters used: f = 1880 MHz; σ = 1.525 mho/m; ε_r = 53.834; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.399 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.824 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.227 W/kg
SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.759 mW/g
Maximum value of SAR (measured) = 1.450 mW/g



0 dB = 1.450mW/g

#87 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch1175

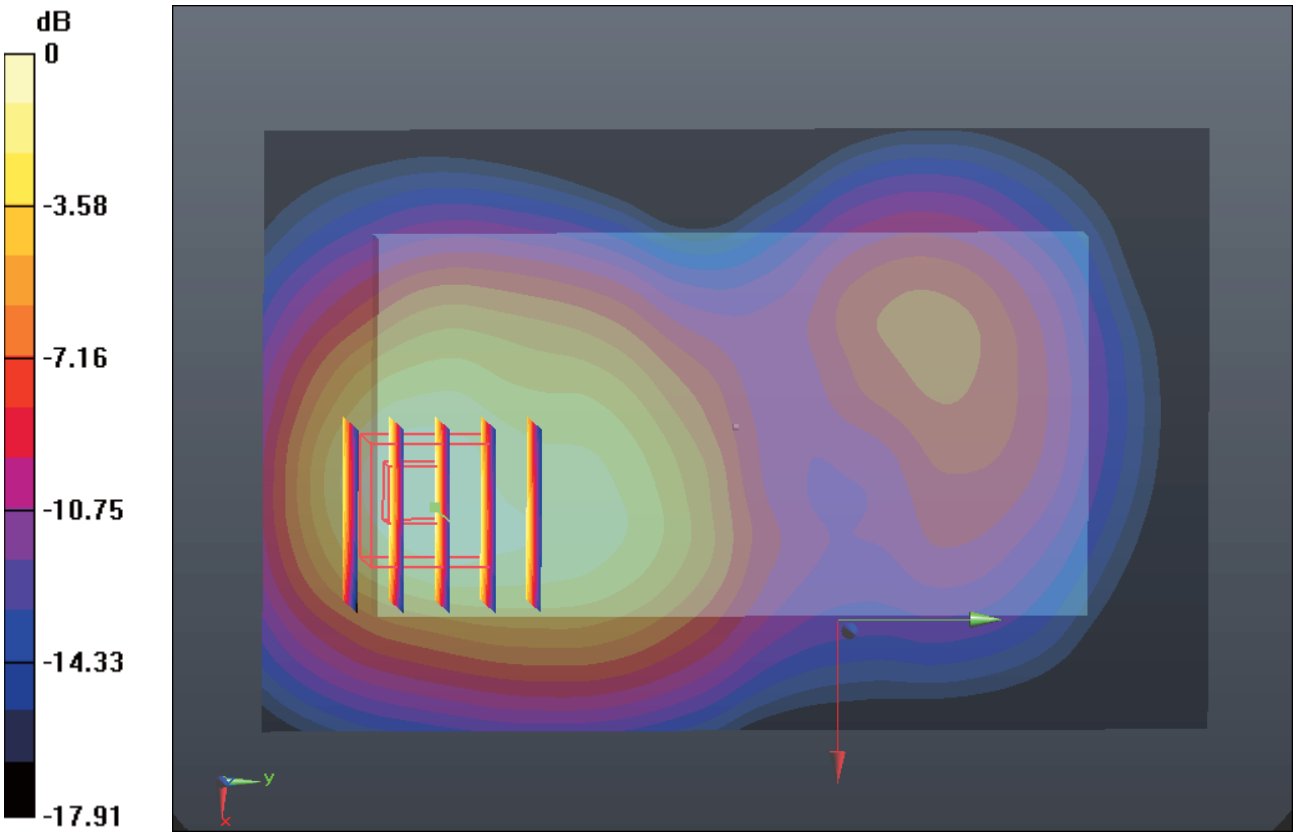
DUT: 271302

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120729 Medium parameters used: f = 1909 MHz; σ = 1.556 mho/m; ε_r = 53.786; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.228 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.944 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.957 W/kg
SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.655 mW/g
Maximum value of SAR (measured) = 1.234 mW/g



0 dB = 1.230mW/g

#222 CDMA2000_BC1_RC3 SO32_Back_1cm_Ch1175

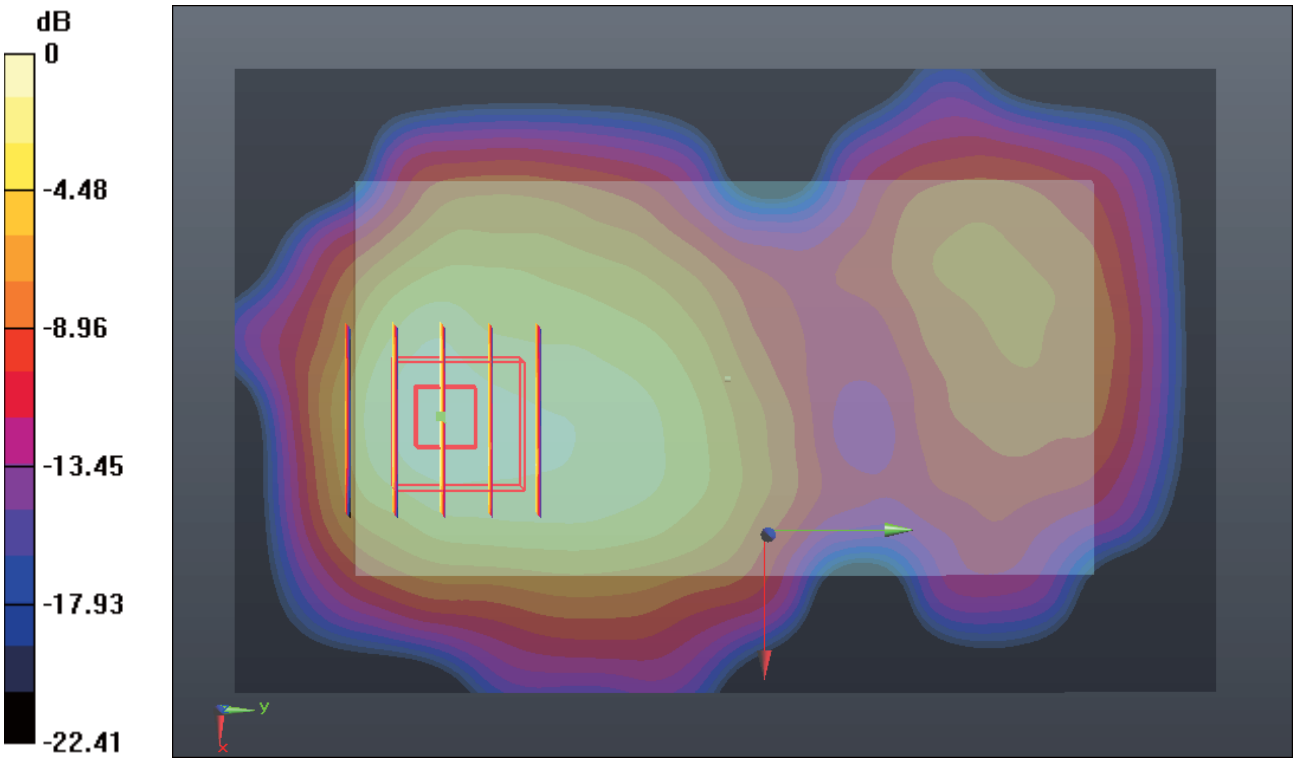
DUT: 271302

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120812 Medium parameters used: f = 1909 MHz; σ = 1.539 mho/m; ε_r = 54.655; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.182 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.594 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.282 W/kg
SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.089 mW/g
Maximum value of SAR (measured) = 0.184 mW/g



0 dB = 0.180mW/g

#88 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25_Headset

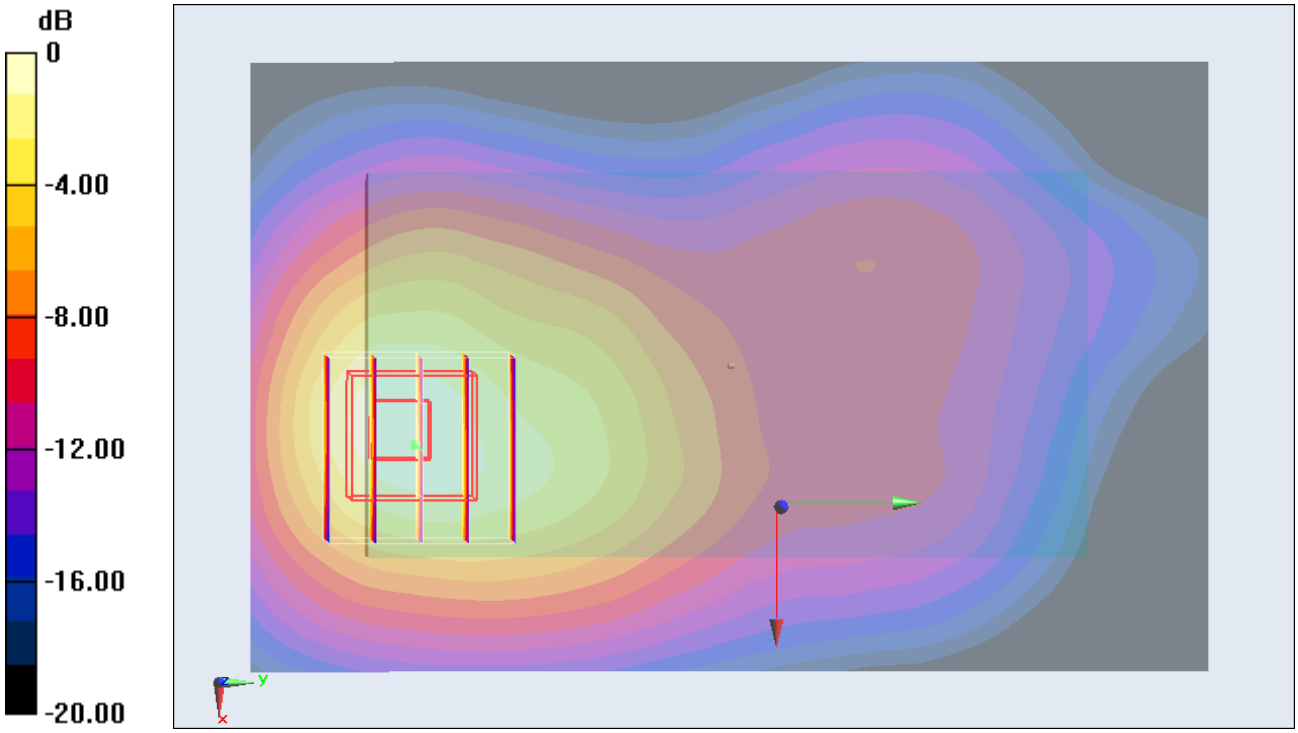
DUT: 271302

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120729 Medium parameters used: f = 1851.25 MHz; σ = 1.49 mho/m; ε_r = 53.878; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.476 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.673 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 2.372 W/kg
SAR(1 g) = 1.45 mW/g; SAR(10 g) = 0.799 mW/g
Maximum value of SAR (measured) = 1.564 mW/g



0 dB = 1.560mW/g

#88 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25_Headset_2D

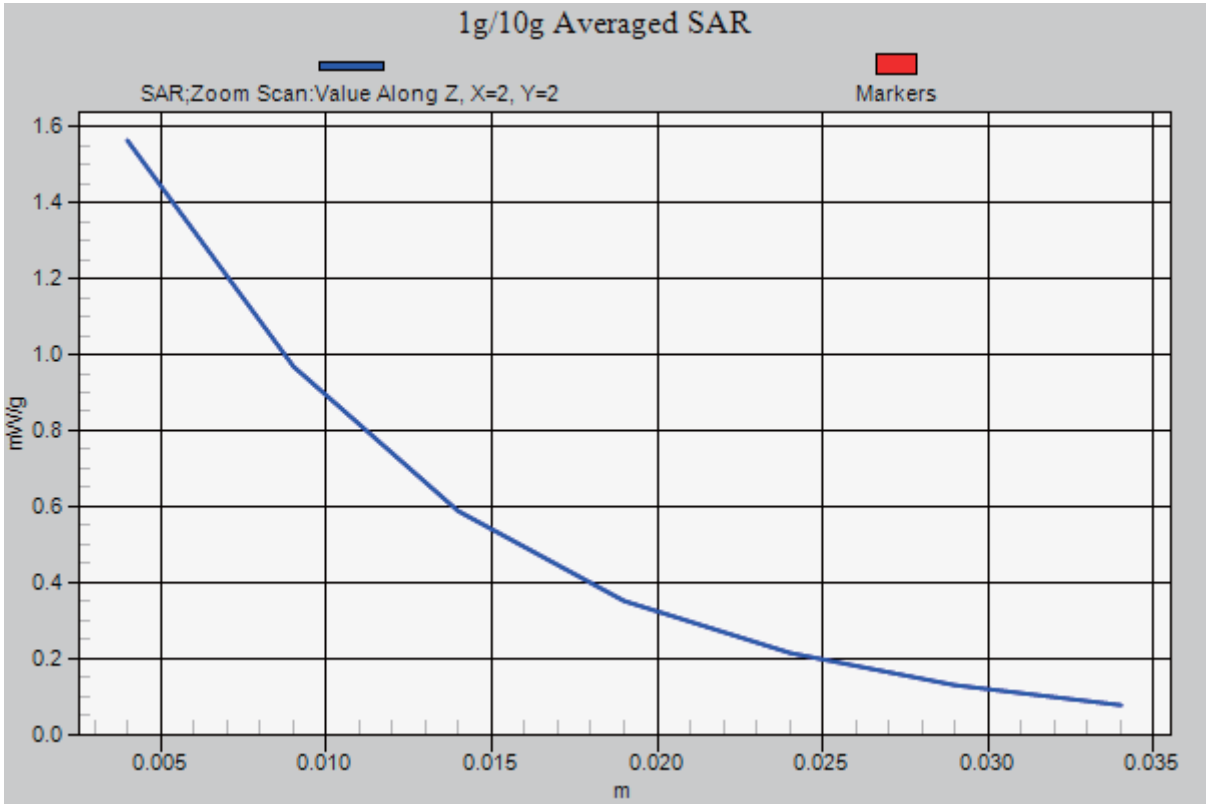
DUT: 271302

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120729 Medium parameters used: f = 1851.25 MHz; σ = 1.49 mho/m; ε_r = 53.878; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.476 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.673 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 2.372 W/kg
SAR(1 g) = 1.45 mW/g; SAR(10 g) = 0.799 mW/g
Maximum value of SAR (measured) = 1.564 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#89 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch600_Headset

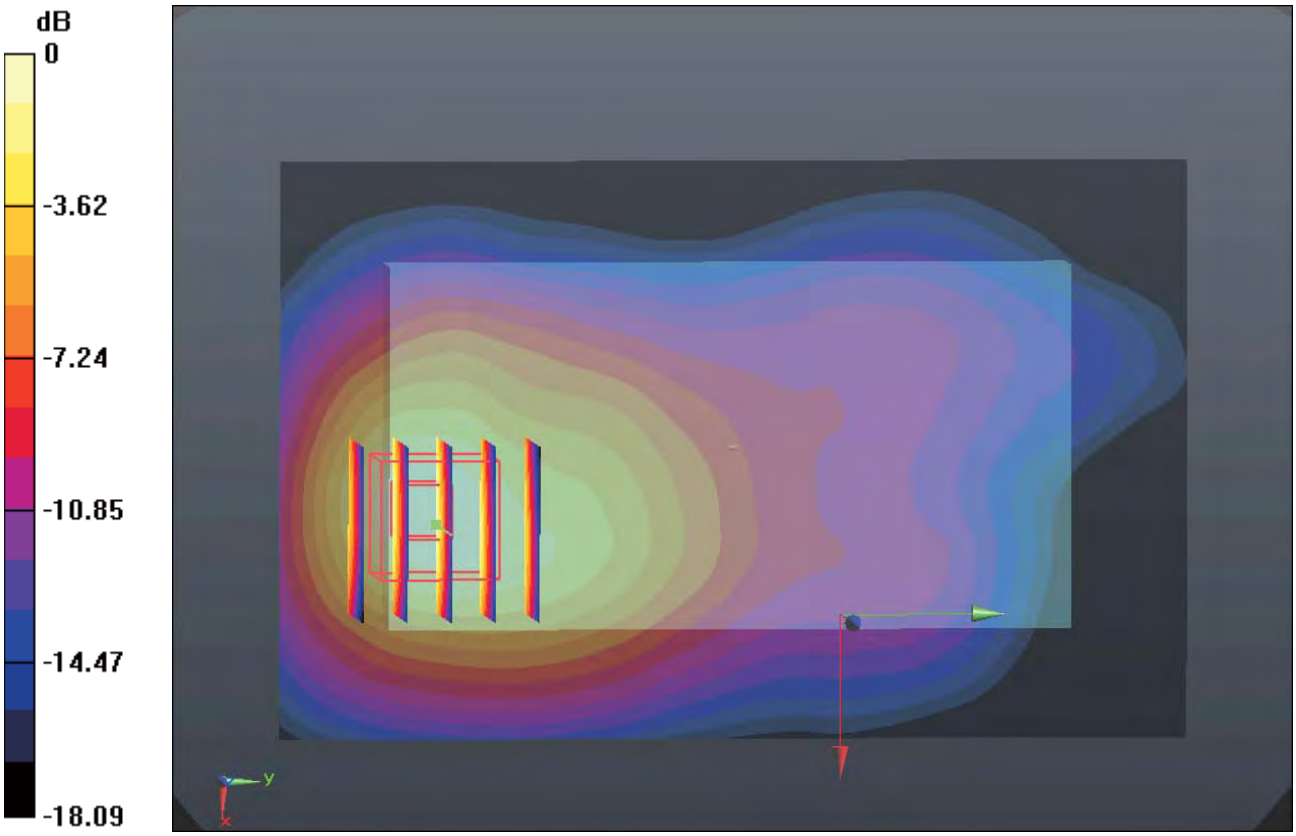
DUT: 271302

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120729 Medium parameters used: f = 1880 MHz; σ = 1.525 mho/m; ε_r = 53.834; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.388 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.244 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 2.240 W/kg
SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.737 mW/g
Maximum value of SAR (measured) = 1.453 mW/g



0 dB = 1.450mW/g

#90 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch1175_Headset

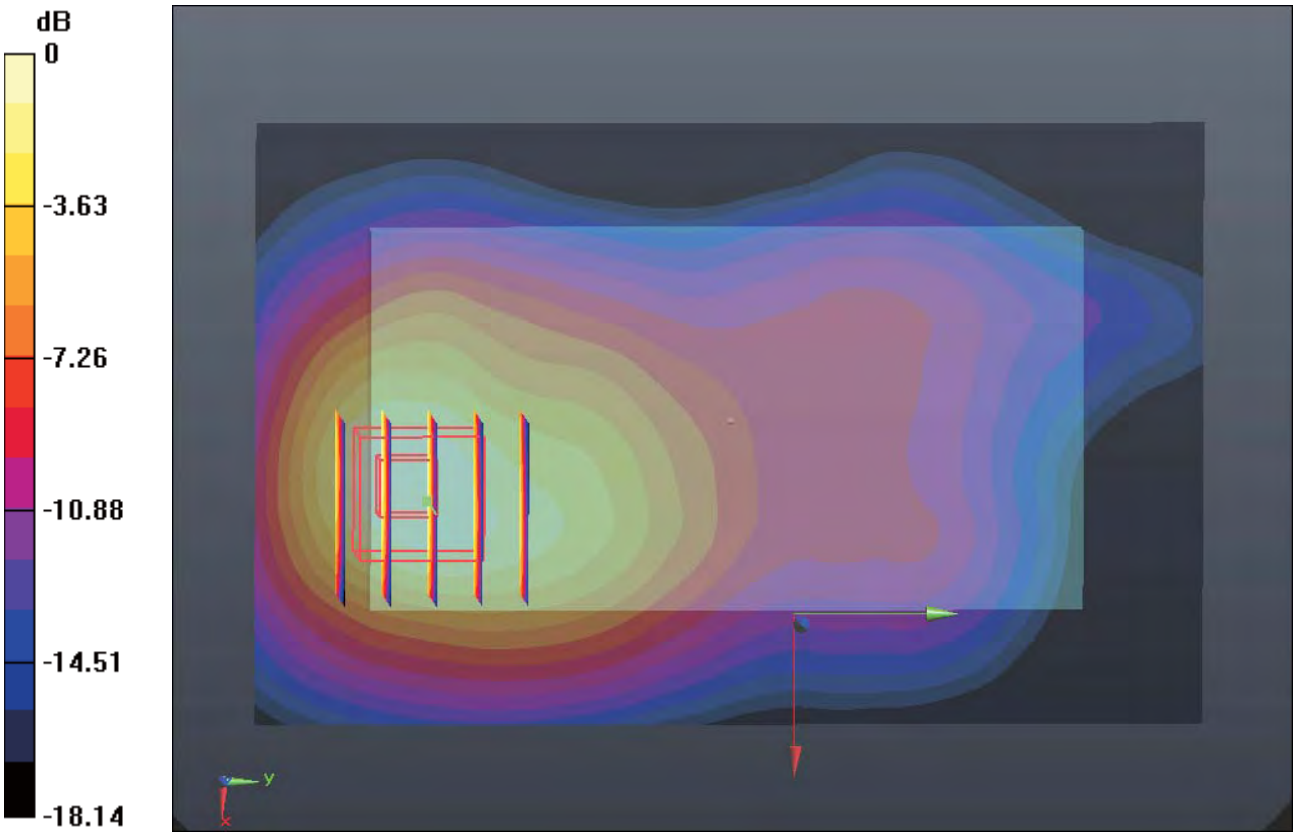
DUT: 271302

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120729 Medium parameters used: f = 1909 MHz; σ = 1.556 mho/m; ε_r = 53.786; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.213 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.313 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.965 W/kg
SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.639 mW/g
Maximum value of SAR (measured) = 1.222 mW/g



0 dB = 1.220mW/g

#229 CDMA2000_BC1_RC3 SO32_Back_1cm_Ch1175_Headset

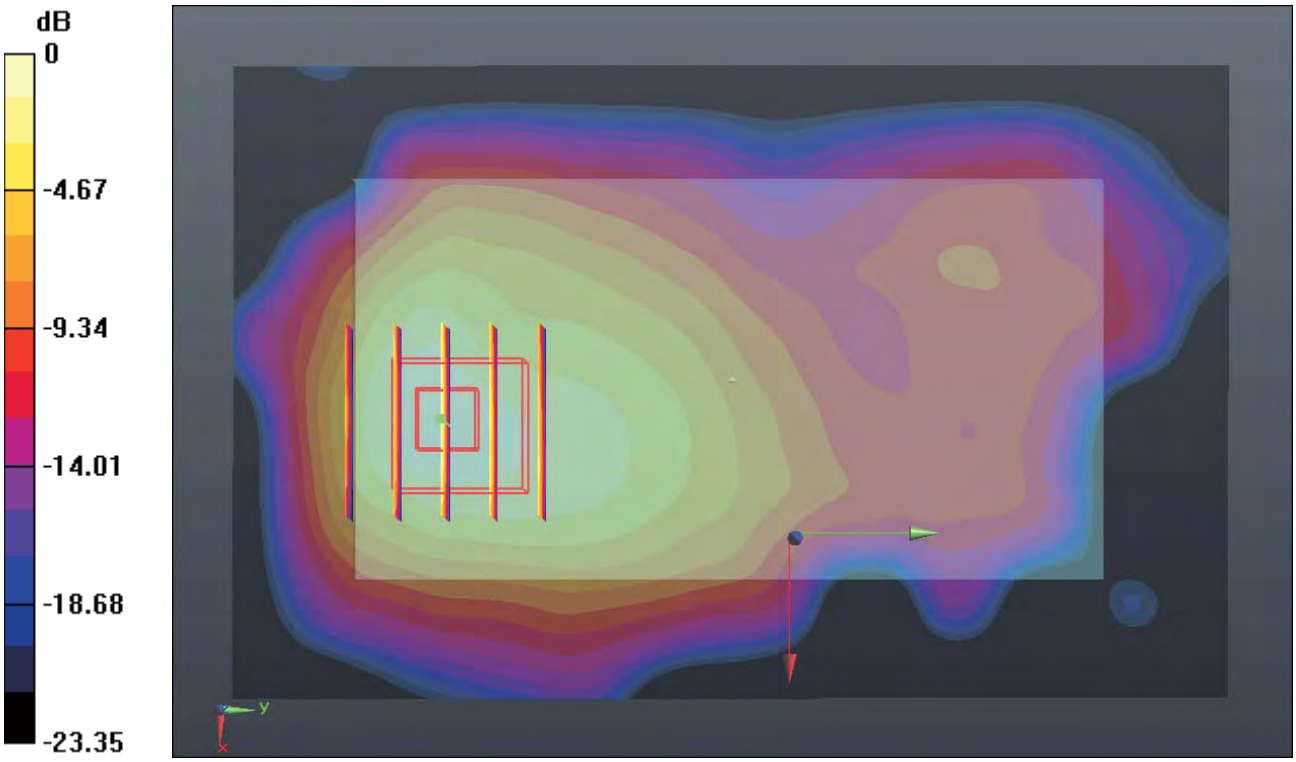
DUT: 271302

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120812 Medium parameters used: f = 1909 MHz; σ = 1.539 mho/m; ε_r = 54.655; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.189 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.318 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.283 W/kg
SAR(1 g) = 0.166 mW/g; SAR(10 g) = 0.090 mW/g
Maximum value of SAR (measured) = 0.188 mW/g



0 dB = 0.190mW/g

#99 CDMA2000 BC1_RTAP 153.6_Back_1cm_Ch25_Headset

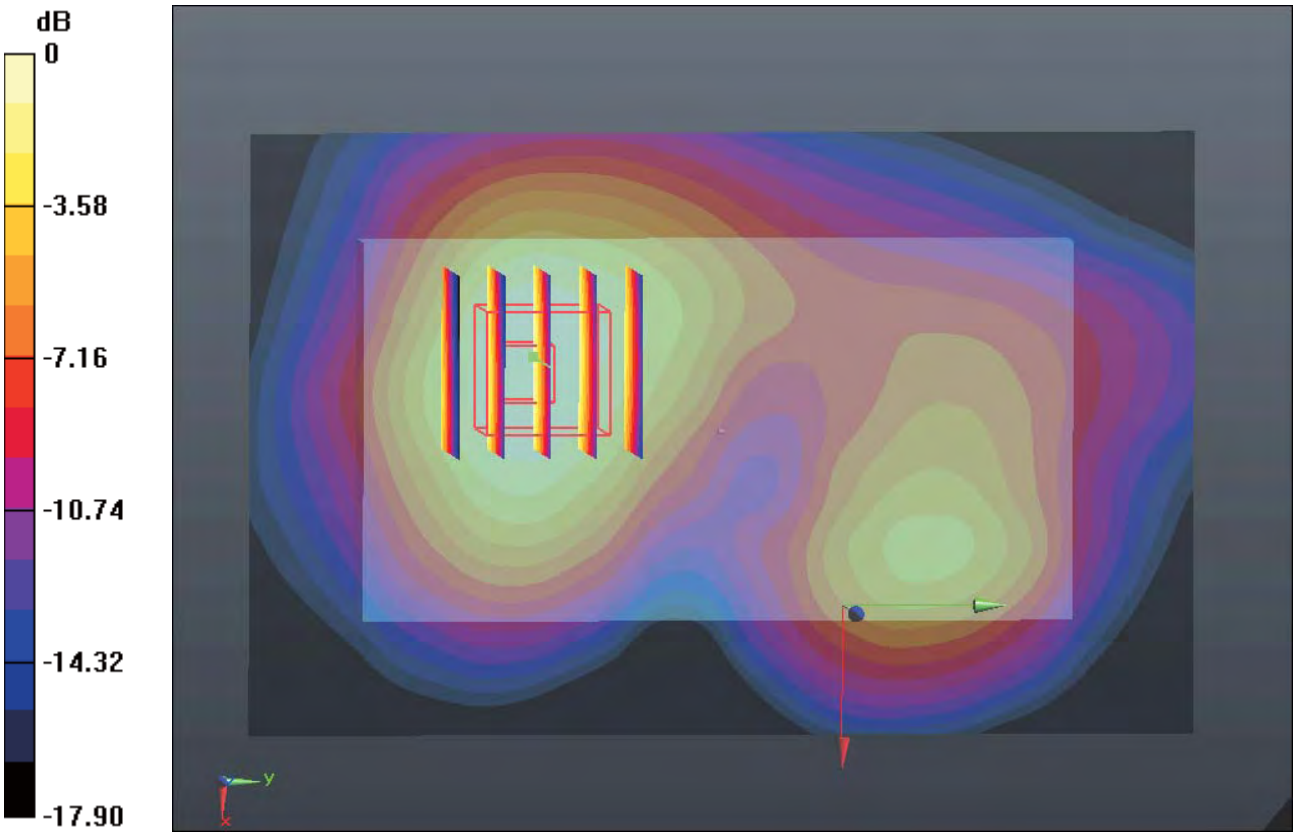
DUT: 271302

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120729 Medium parameters used: f = 1851.25 MHz; σ = 1.49 mho/m; ε_r = 53.878; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.136 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.803 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.511 W/kg
SAR(1 g) = 0.997 mW/g; SAR(10 g) = 0.610 mW/g
Maximum value of SAR (measured) = 1.067 mW/g



0 dB = 1.070mW/g

#100 CDMA2000 BC1_RTAP 153.6_Back_1cm_Ch600_Headset

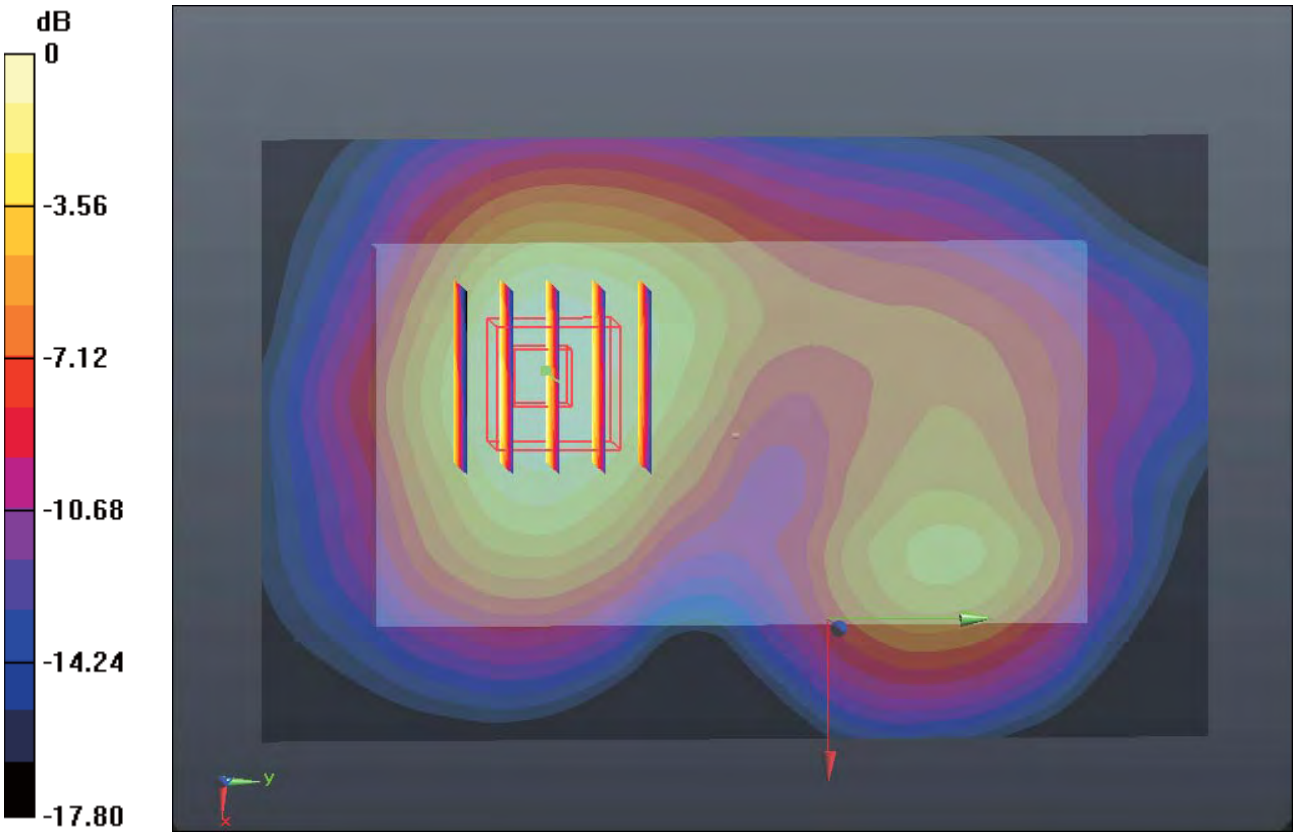
DUT: 271302

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120729 Medium parameters used: f = 1880 MHz; σ = 1.525 mho/m; ε_r = 53.834; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.097 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.730 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.469 W/kg
SAR(1 g) = 0.970 mW/g; SAR(10 g) = 0.594 mW/g
Maximum value of SAR (measured) = 1.058 mW/g



0 dB = 1.060mW/g

#101 CDMA2000 BC1_RTAP 153.6_Back_1cm_Ch1175_Headset

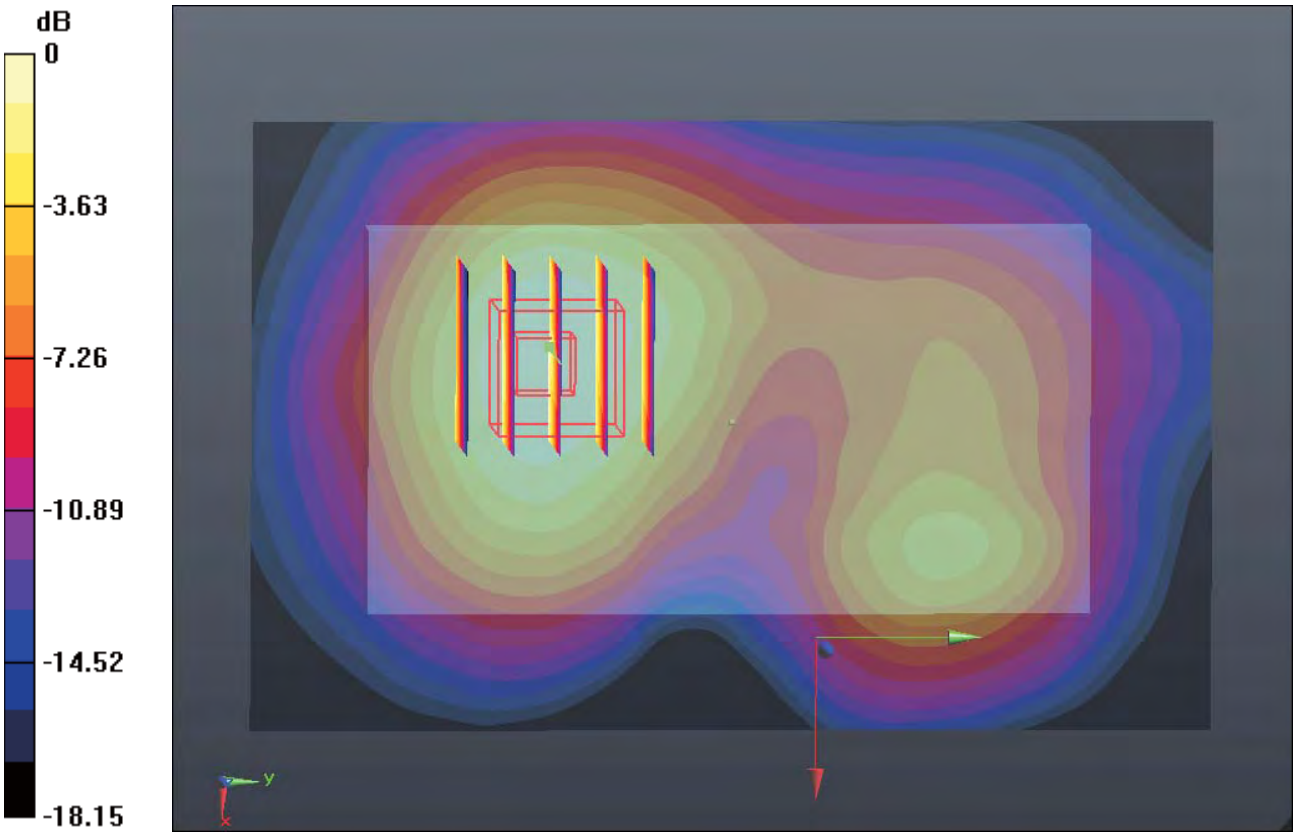
DUT: 271302

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120729 Medium parameters used: f = 1909 MHz; σ = 1.556 mho/m; ε_r = 53.786; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.087 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.661 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.466 W/kg
SAR(1 g) = 0.964 mW/g; SAR(10 g) = 0.592 mW/g
Maximum value of SAR (measured) = 1.041 mW/g



0 dB = 1.040mW/g

#231 CDMA2000_BC1_RTAP153.6_Back_1cm_Ch25_Headset

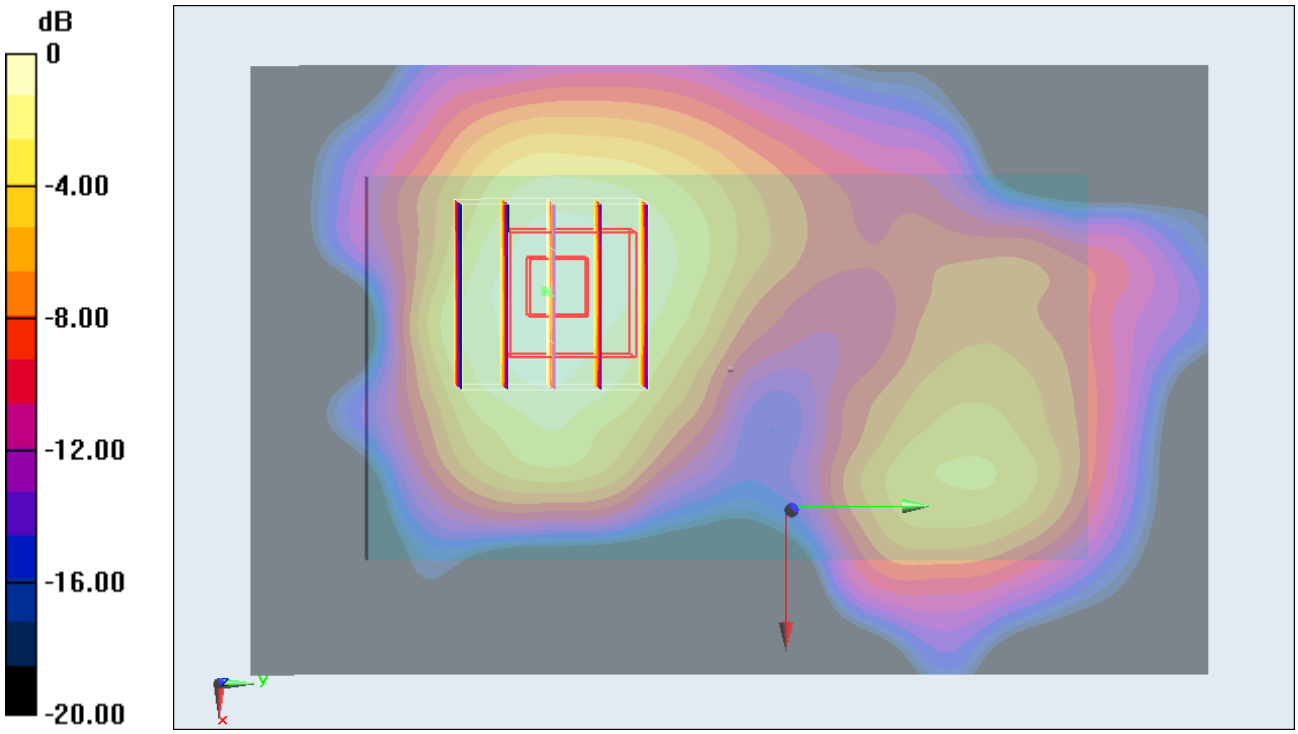
DUT: 271302

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120812 Medium parameters used: f = 1851.25 MHz; σ = 1.471 mho/m; ε_r = 54.769; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.136 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.823 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.192 W/kg
SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.076 mW/g
Maximum value of SAR (measured) = 0.138 mW/g



0 dB = 0.140mW/g

#111 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch425

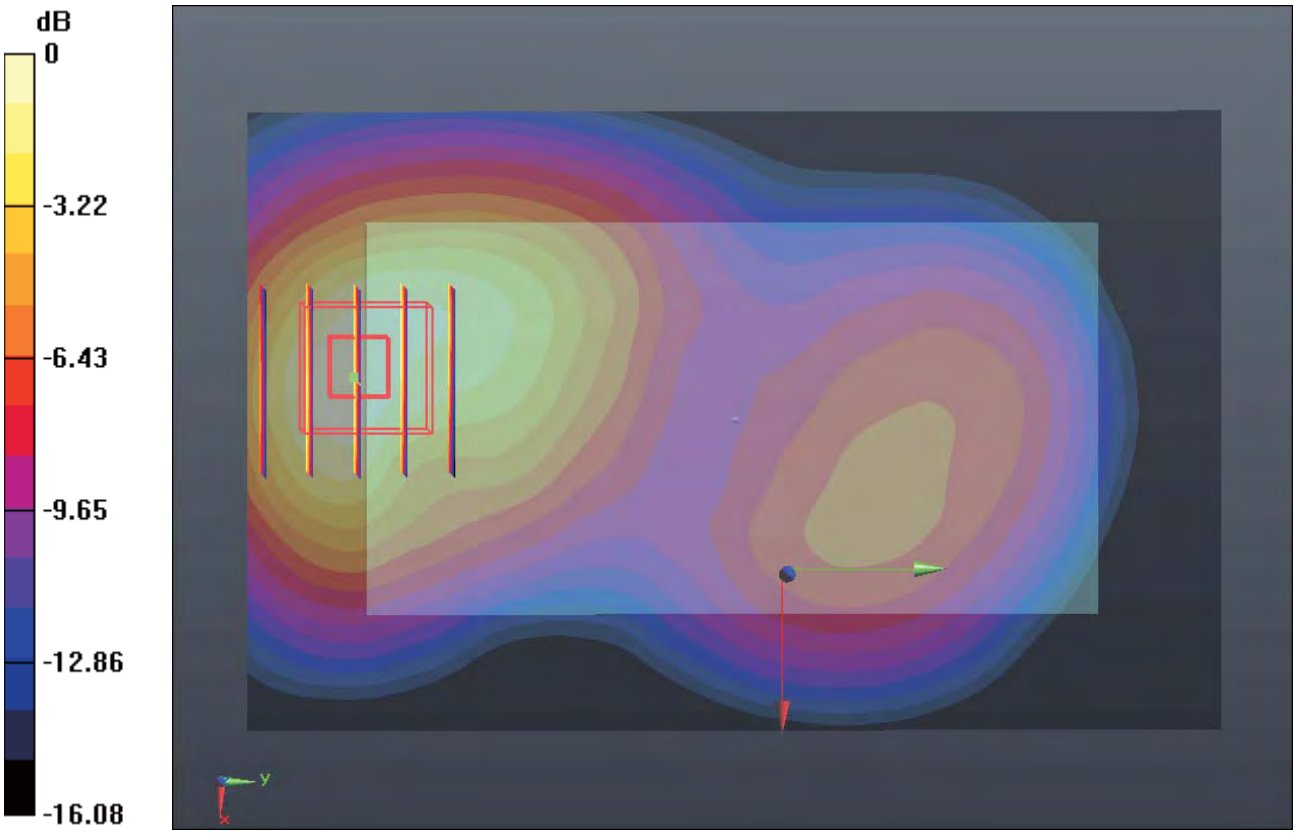
DUT: 271302

Communication System: CDMA2000; Frequency: 1731.25 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120802 Medium parameters used: f = 1731.25 MHz; σ = 1.484 mho/m; ε_r = 52.344; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch425/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.983 mW/g

Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.493 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.403 W/kg
SAR(1 g) = 0.878 mW/g; SAR(10 g) = 0.522 mW/g
Maximum value of SAR (measured) = 0.974 mW/g



0 dB = 0.970mW/g

#186 CDMA2000 BC15_RC3 SO32_Front_1cm_Ch25

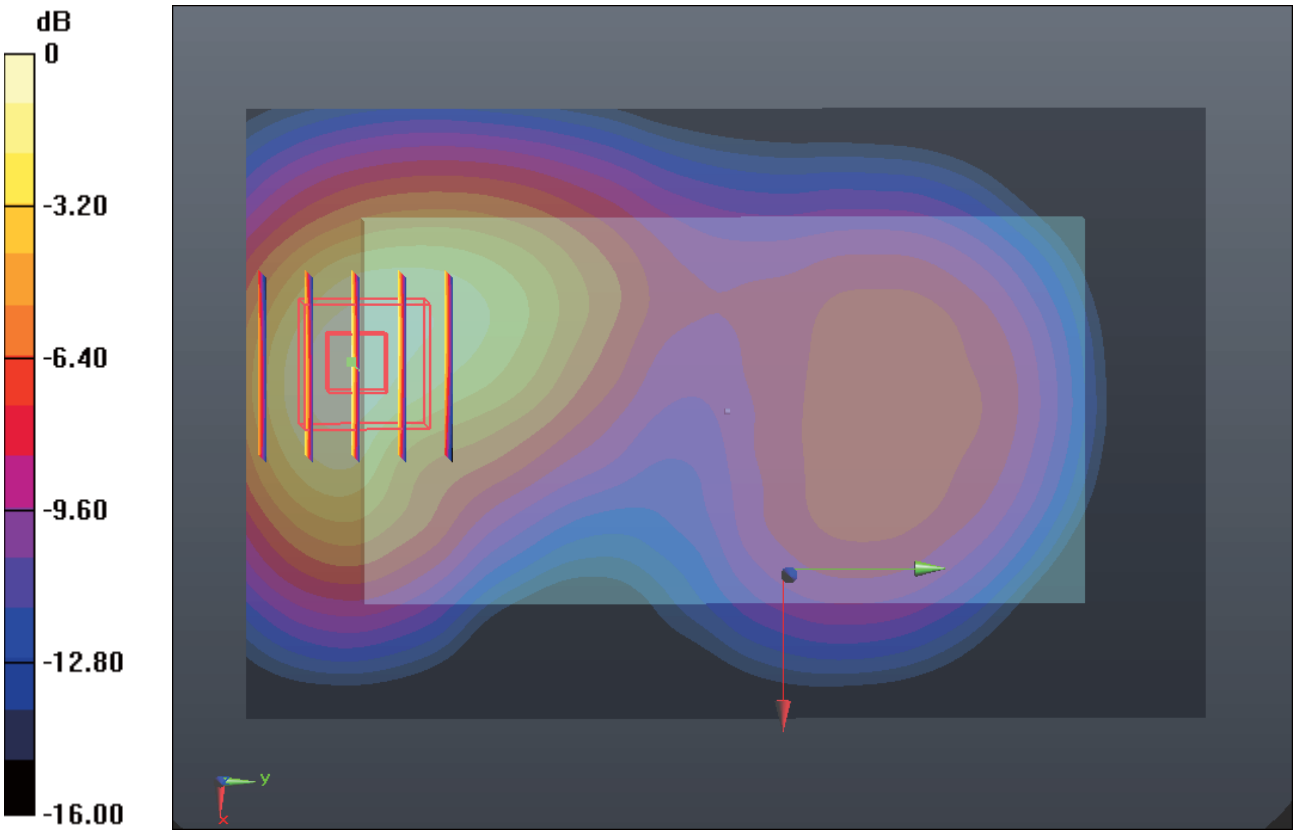
DUT: 271302

Communication System: CDMA2000; Frequency: 1711.25 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120802 Medium parameters used: f = 1711.25 MHz; σ = 1.462 mho/m; ε_r = 52.342; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.984 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.055 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.380 W/kg
SAR(1 g) = 0.882 mW/g; SAR(10 g) = 0.528 mW/g
Maximum value of SAR (measured) = 0.978 mW/g



0 dB = 0.980mW/g

#187 CDMA2000 BC15_RC3 SO32_Front_1cm_Ch875

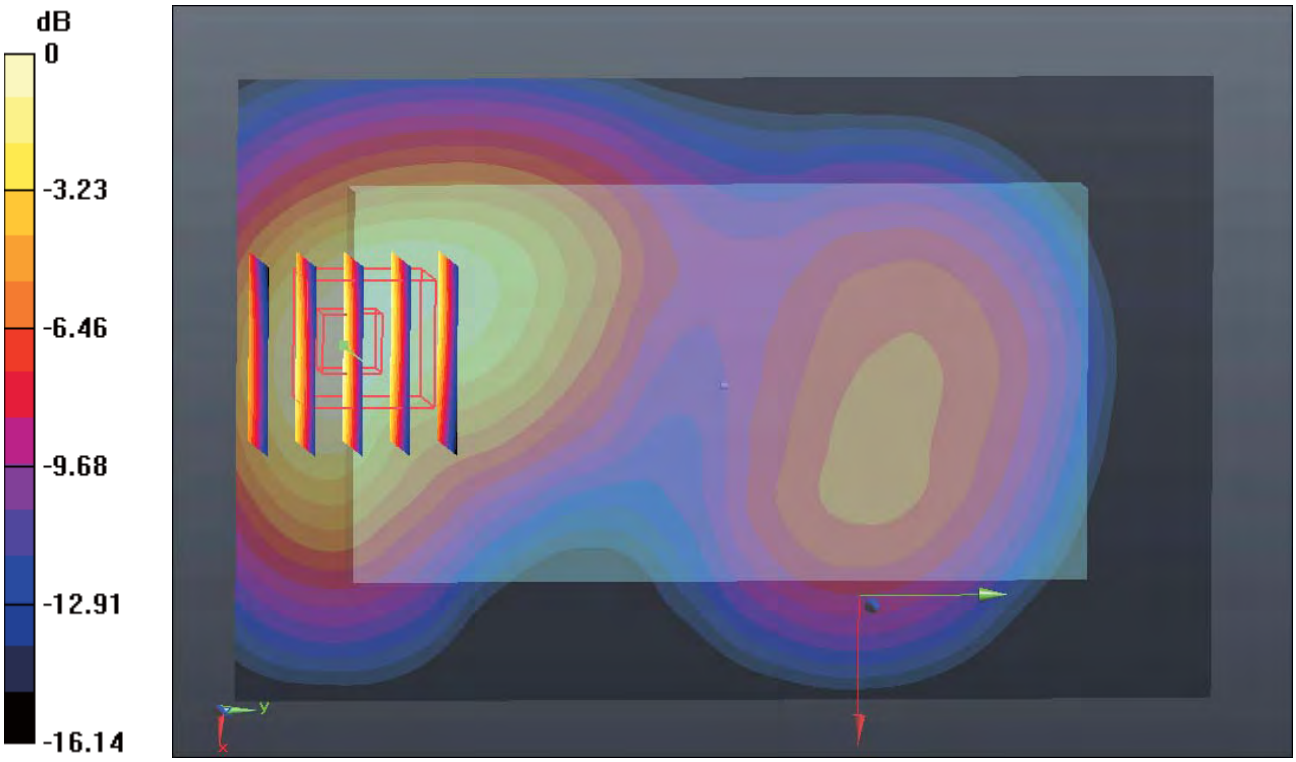
DUT: 271302

Communication System: CDMA2000; Frequency: 1753.75 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120802 Medium parameters used: f = 1754 MHz; σ = 1.511 mho/m; ε_r = 52.35; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch875/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.013 mW/g

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.493 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.444 W/kg
SAR(1 g) = 0.901 mW/g; SAR(10 g) = 0.534 mW/g
Maximum value of SAR (measured) = 0.998 mW/g



0 dB = 1.000mW/g

#216 CDMA2000 BC15_RC3 SO32_Front_1cm_Ch875

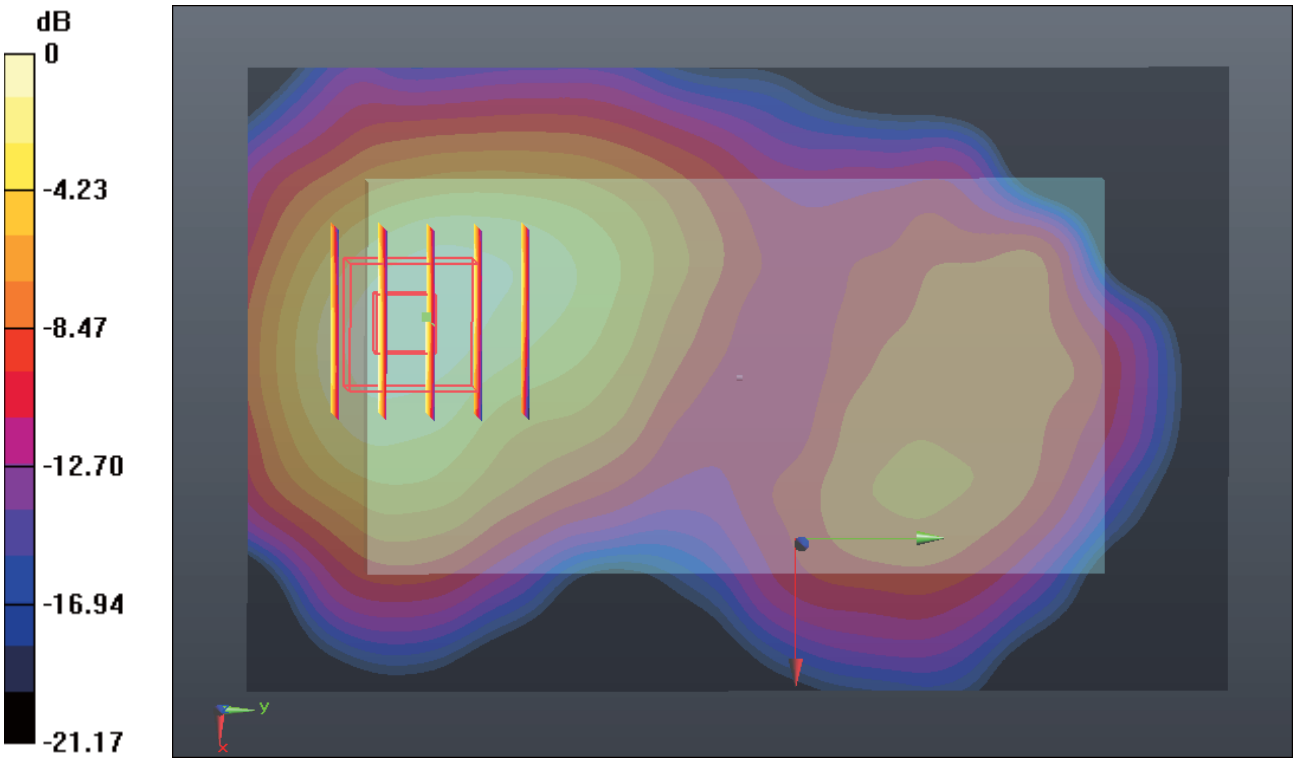
DUT: 271302

Communication System: CDMA2000; Frequency: 1753.75 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120812 Medium parameters used: f = 1754 MHz; σ = 1.519 mho/m; ε_r = 54.206; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch875/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.213 mW/g

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.754 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.350 W/kg
SAR(1 g) = 0.217 mW/g; SAR(10 g) = 0.126 mW/g
Maximum value of SAR (measured) = 0.230 mW/g



0 dB = 0.230mW/g

#112 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch425

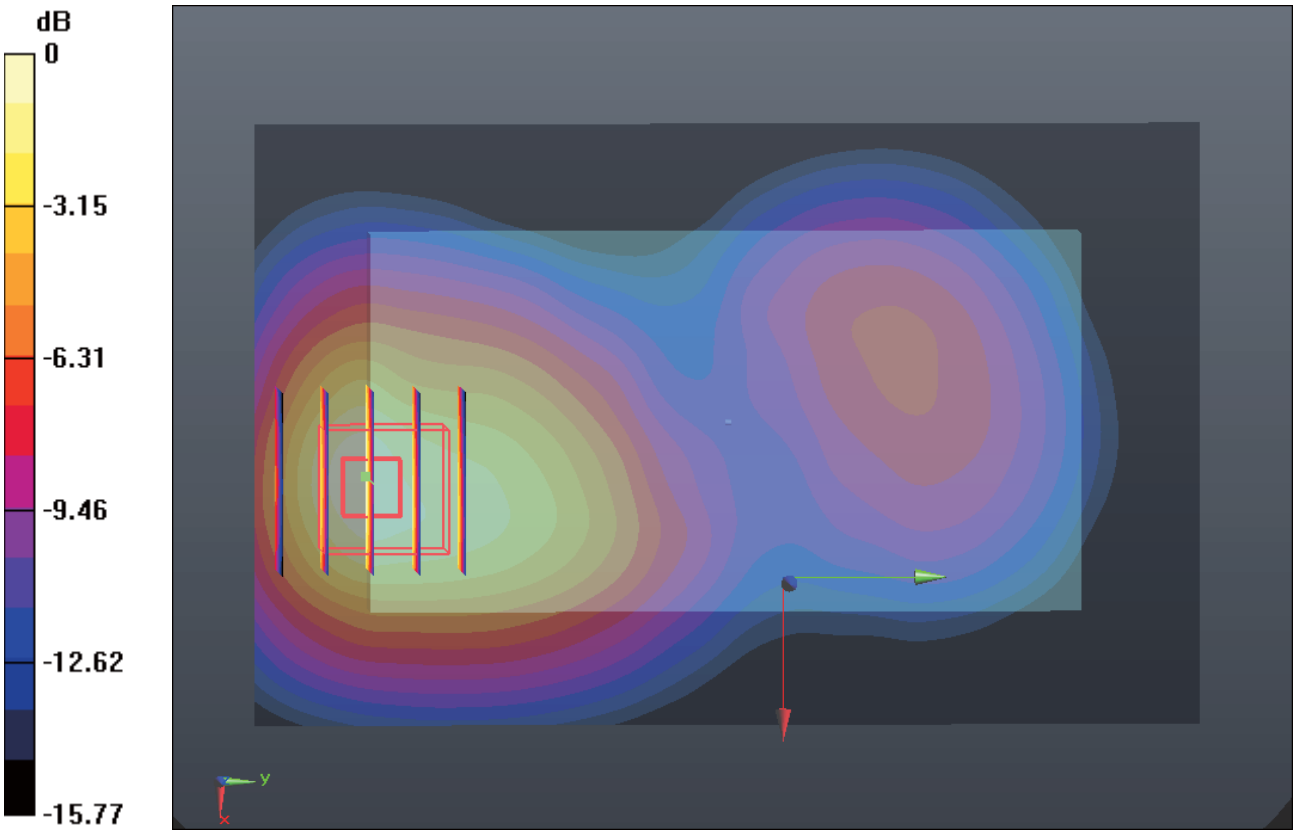
DUT: 271302

Communication System: CDMA2000; Frequency: 1731.25 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120802 Medium parameters used: f = 1731.25 MHz; σ = 1.484 mho/m; ε_r = 52.344; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch425/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.422 mW/g

Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.518 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 2.029 W/kg
SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.731 mW/g
Maximum value of SAR (measured) = 1.423 mW/g



0 dB = 1.420mW/g

#181 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch25

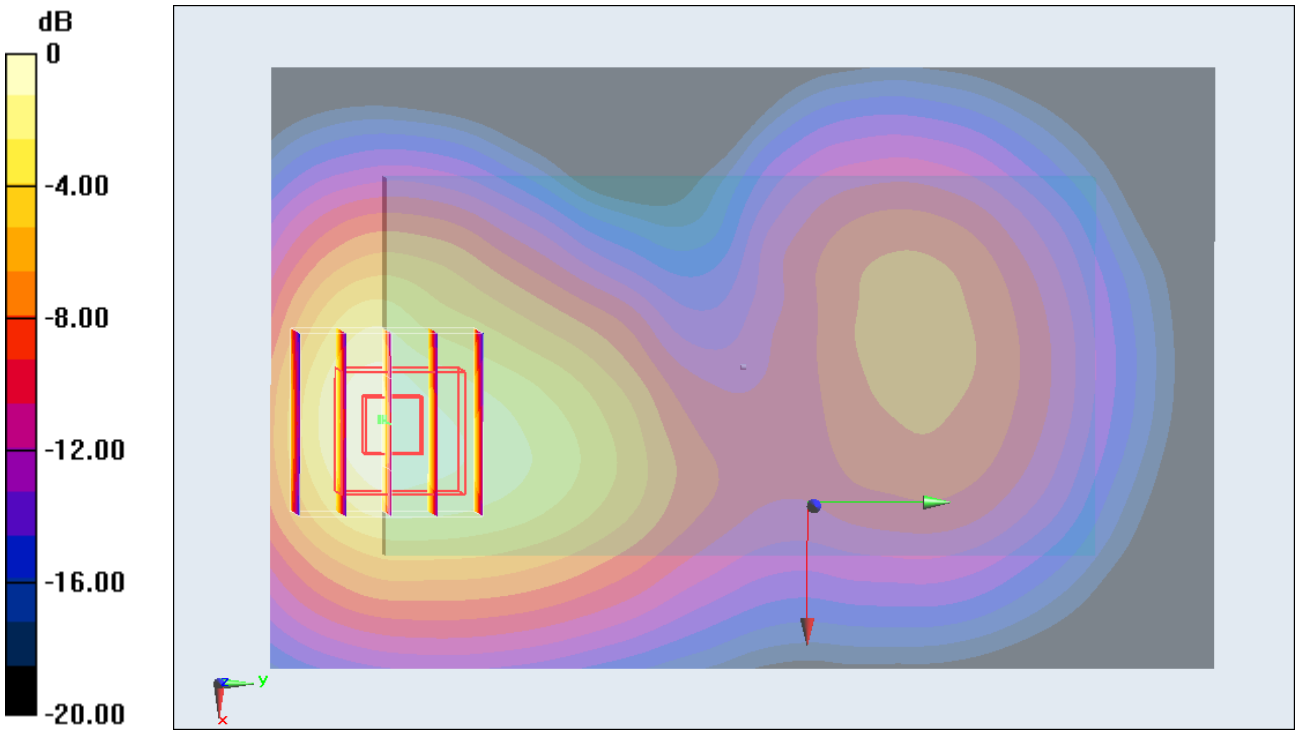
DUT: 271302

Communication System: CDMA2000; Frequency: 1711.25 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120802 Medium parameters used: f = 1711.25 MHz; σ = 1.462 mho/m; ε_r = 52.342; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.460 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.477 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 2.038 W/kg
SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.754 mW/g
Maximum value of SAR (measured) = 1.439 mW/g



0 dB = 1.440mW/g

#181 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch25_2D

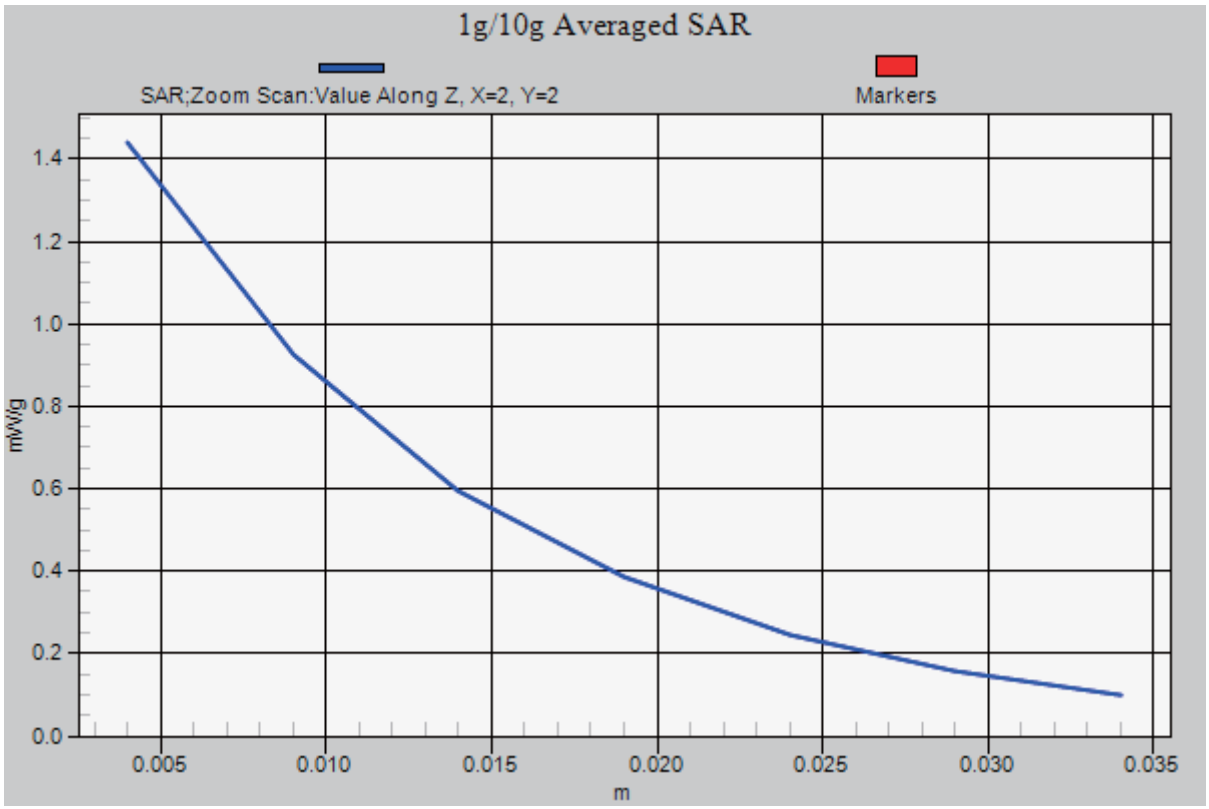
DUT: 271302

Communication System: CDMA2000; Frequency: 1711.25 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120802 Medium parameters used: f = 1711.25 MHz; σ = 1.462 mho/m; ε_r = 52.342; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.460 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.477 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 2.038 W/kg
SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.754 mW/g
Maximum value of SAR (measured) = 1.439 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#182 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch875

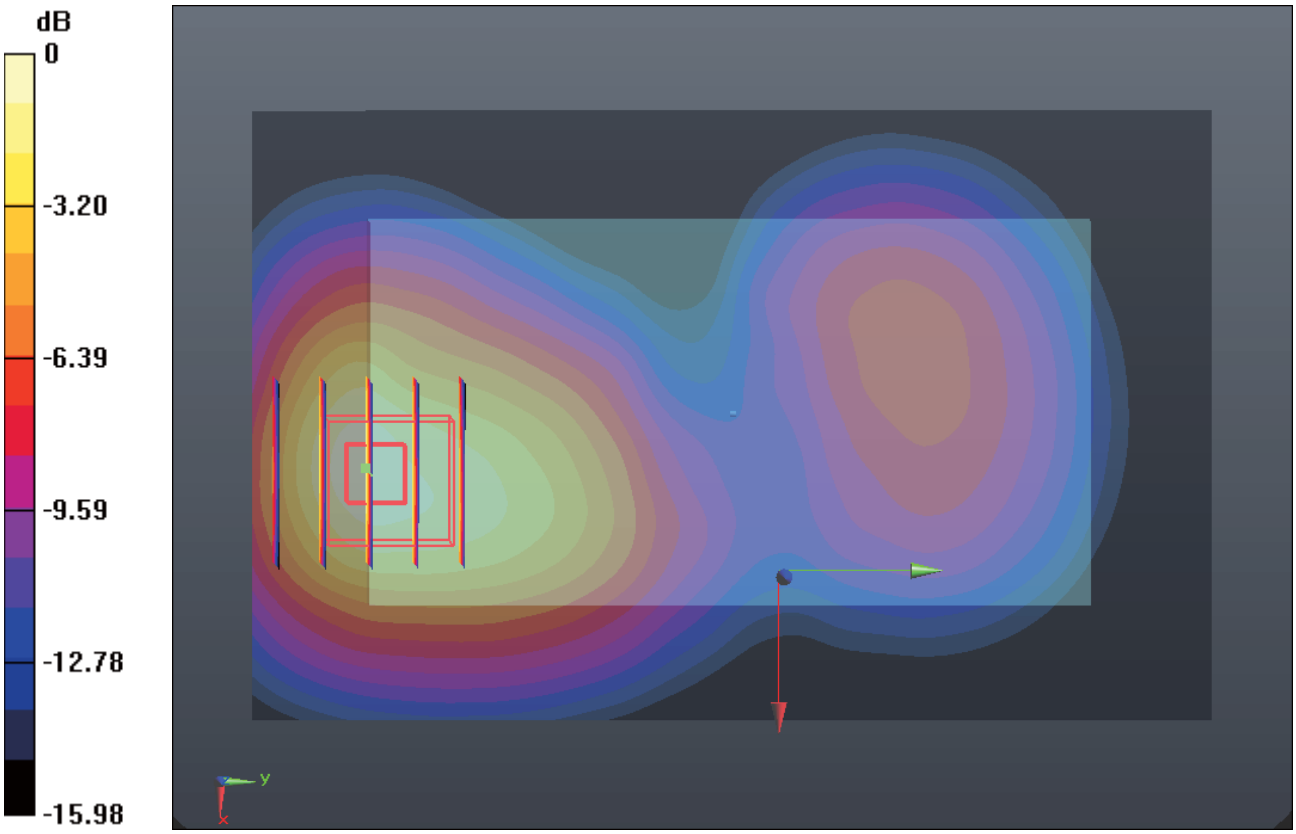
DUT: 271302

Communication System: CDMA2000; Frequency: 1753.75 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120802 Medium parameters used: f = 1754 MHz; σ = 1.511 mho/m; ε_r = 52.35; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch875/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.360 mW/g

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.335 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.999 W/kg
SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.716 mW/g
Maximum value of SAR (measured) = 1.386 mW/g



0 dB = 1.390mW/g

#223 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch25

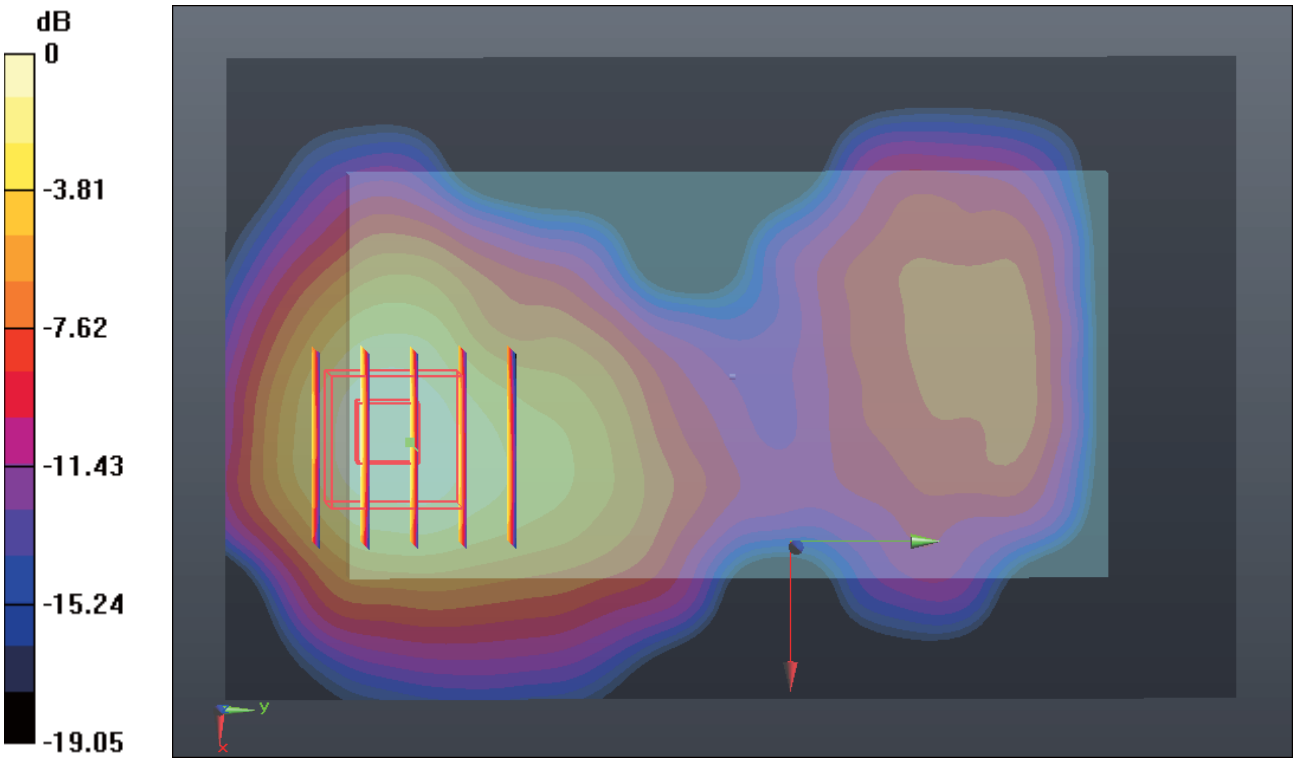
DUT: 271302

Communication System: CDMA2000; Frequency: 1711.25 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120812 Medium parameters used: f = 1711.25 MHz; σ = 1.473 mho/m; ε_r = 54.31; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.240 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.197 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.363 W/kg
SAR(1 g) = 0.228 mW/g; SAR(10 g) = 0.129 mW/g
Maximum value of SAR (measured) = 0.241 mW/g



0 dB = 0.240mW/g

#183 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch25_Headset

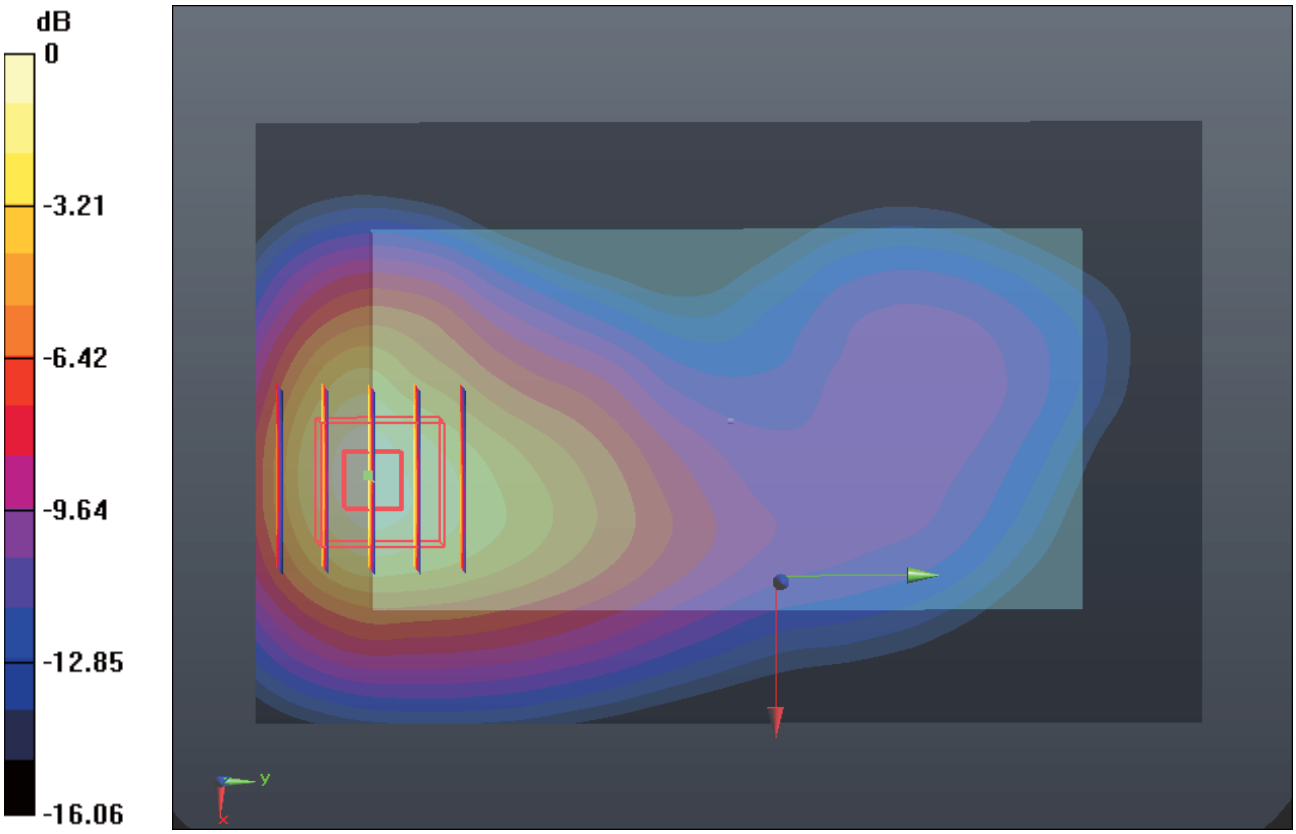
DUT: 271302

Communication System: CDMA2000; Frequency: 1711.25 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120802 Medium parameters used: f = 1711.25 MHz; σ = 1.462 mho/m; ε_r = 52.342; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.328 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.998 V/m; Power Drift = -0.0036 dB
Peak SAR (extrapolated) = 1.924 W/kg
SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.703 mW/g
Maximum value of SAR (measured) = 1.371 mW/g



0 dB = 1.370mW/g

#184 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch425_Headset

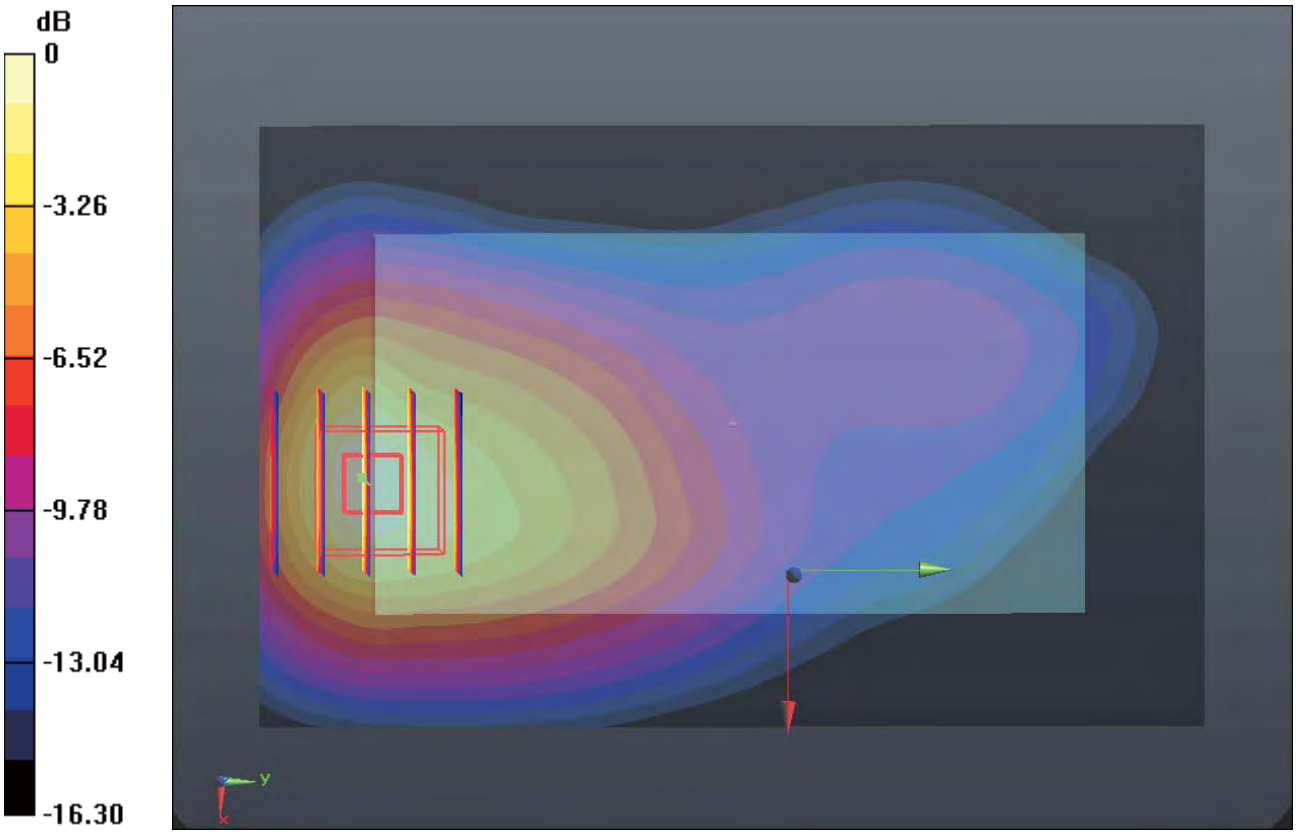
DUT: 271302

Communication System: CDMA2000; Frequency: 1731.25 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120802 Medium parameters used: f = 1731.25 MHz; σ = 1.484 mho/m; ε_r = 52.344; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch425/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.282 mW/g

Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.892 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.918 W/kg
SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.673 mW/g
Maximum value of SAR (measured) = 1.317 mW/g



0 dB = 1.320mW/g

#185 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch875_Headset

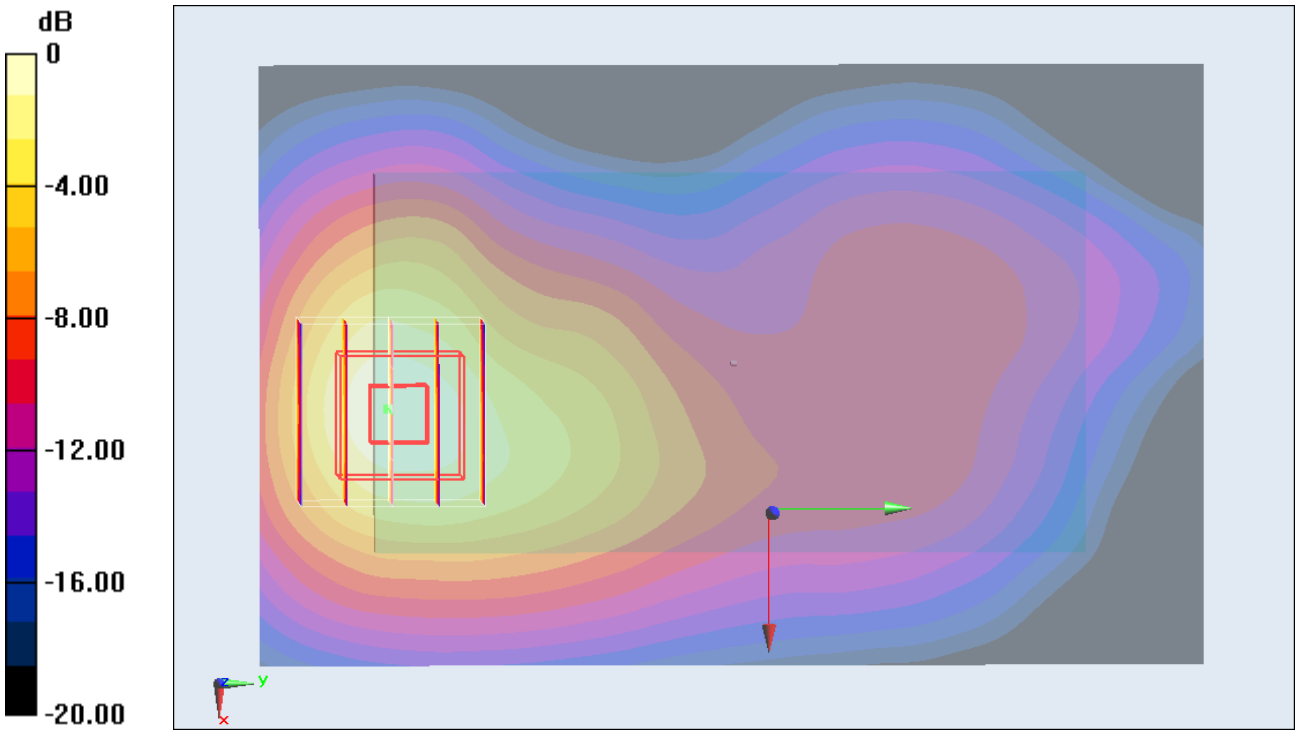
DUT: 271302

Communication System: CDMA2000; Frequency: 1753.75 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120802 Medium parameters used: f = 1754 MHz; σ = 1.511 mho/m; ε_r = 52.35; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch875/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.328 mW/g

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.699 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.023 W/kg
SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.715 mW/g
Maximum value of SAR (measured) = 1.393 mW/g



0 dB = 1.390mW/g

#230 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch875_Headset

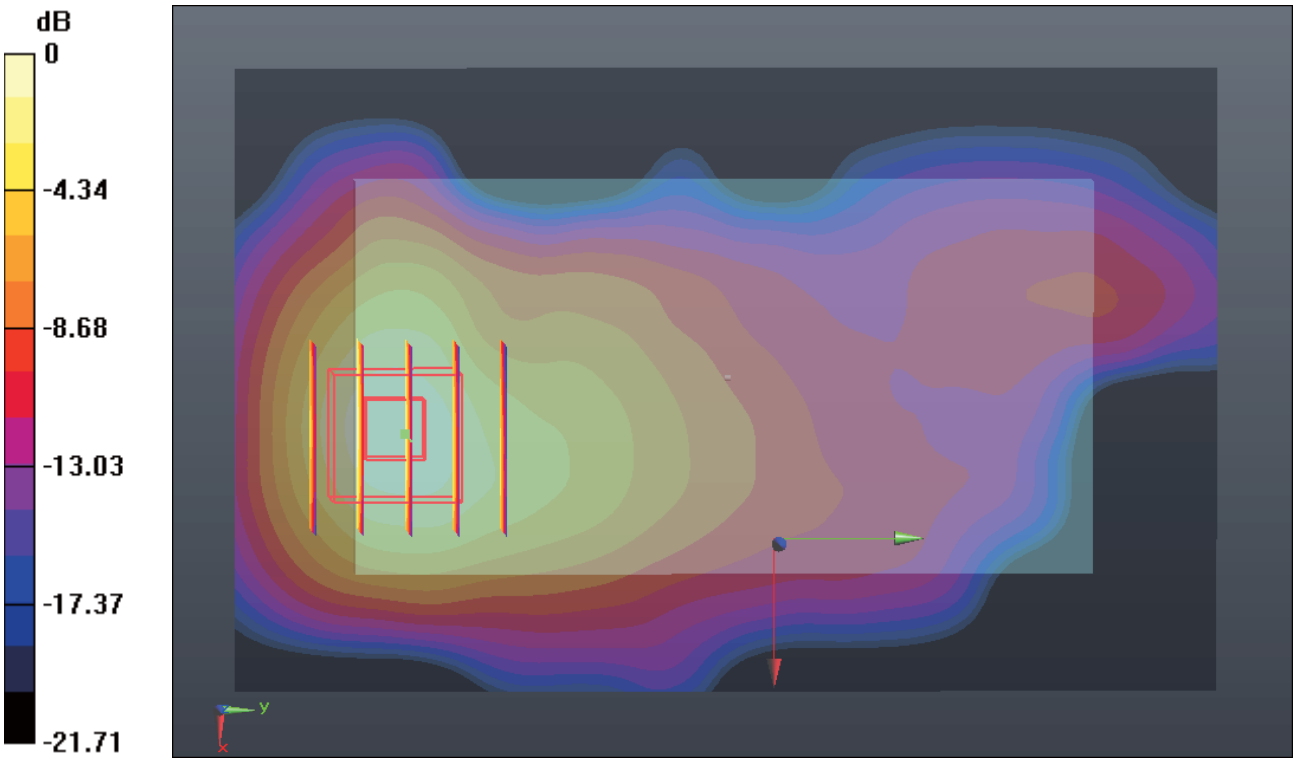
DUT: 271302

Communication System: CDMA2000; Frequency: 1753.75 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120812 Medium parameters used: f = 1754 MHz; σ = 1.519 mho/m; ε_r = 54.206; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch875/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.264 mW/g

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.923 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.413 W/kg
SAR(1 g) = 0.252 mW/g; SAR(10 g) = 0.140 mW/g
Maximum value of SAR (measured) = 0.280 mW/g



0 dB = 0.280mW/g

#191 CDMA2000 BC15_RTAP 153.6_Back_1cm_Ch875_Headset

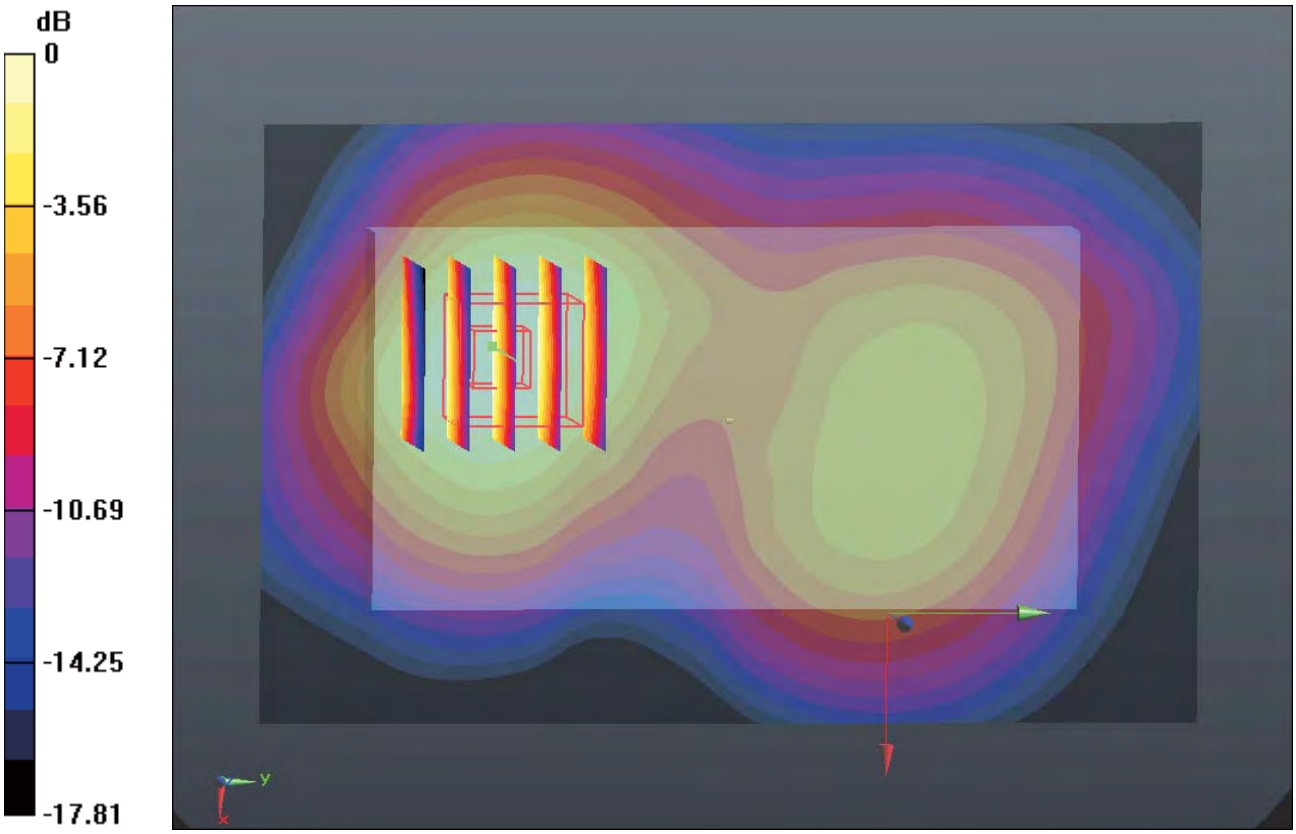
DUT: 271302

Communication System: CDMA2000; Frequency: 1753.75 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120802 Medium parameters used: f = 1754 MHz; σ = 1.511 mho/m; ε_r = 52.35; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch875/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.999 mW/g

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.993 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.323 W/kg
SAR(1 g) = 0.876 mW/g; SAR(10 g) = 0.540 mW/g
Maximum value of SAR (measured) = 0.951 mW/g



0 dB = 0.950mW/g

#192 CDMA2000 BC15_RTAP 153.6_Back_1cm_Ch25_Headset

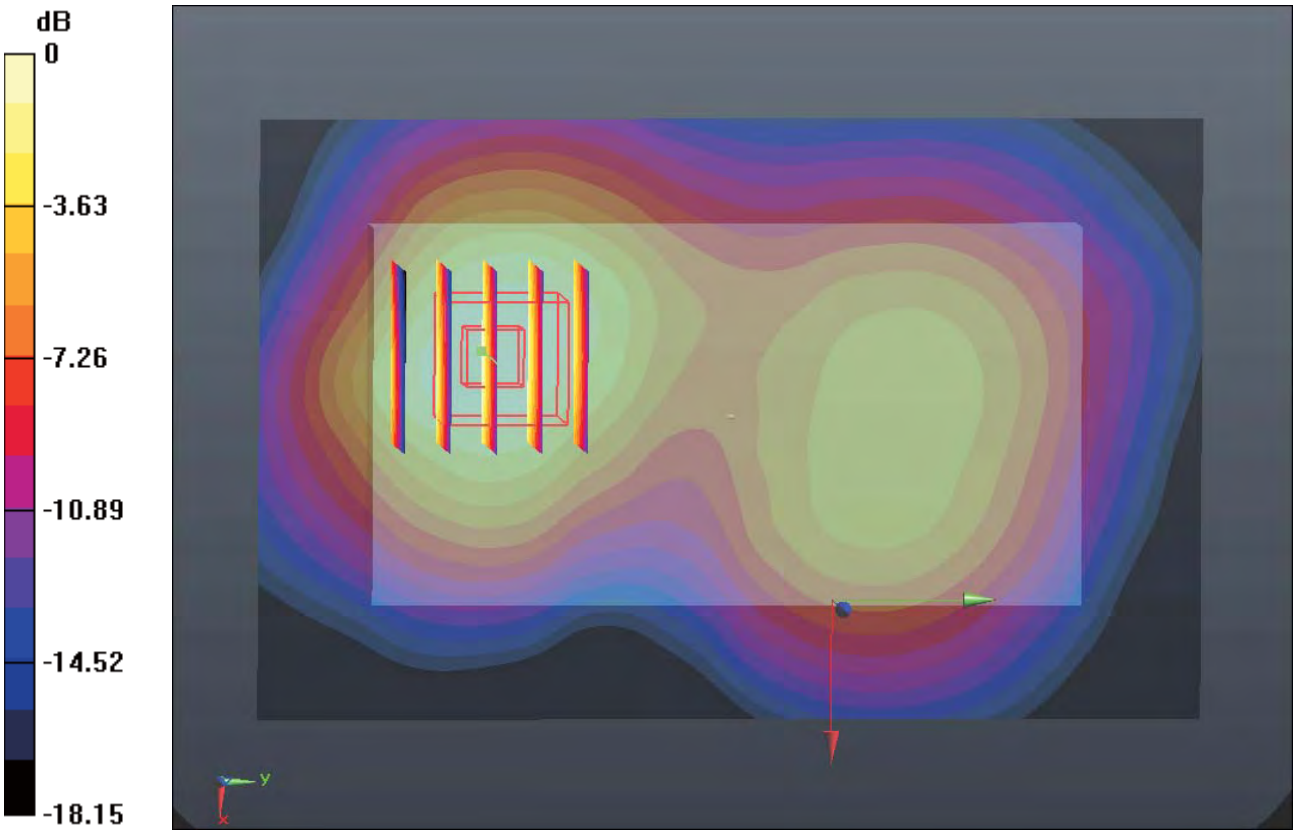
DUT: 271302

Communication System: CDMA2000; Frequency: 1711.25 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120802 Medium parameters used: f = 1711.25 MHz; σ = 1.462 mho/m; ε_r = 52.342; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.892 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.029 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.190 W/kg
SAR(1 g) = 0.787 mW/g; SAR(10 g) = 0.484 mW/g
Maximum value of SAR (measured) = 0.848 mW/g



0 dB = 0.850mW/g

#193 CDMA2000 BC15_RTAP 153.6_Back_1cm_Ch425_Headset

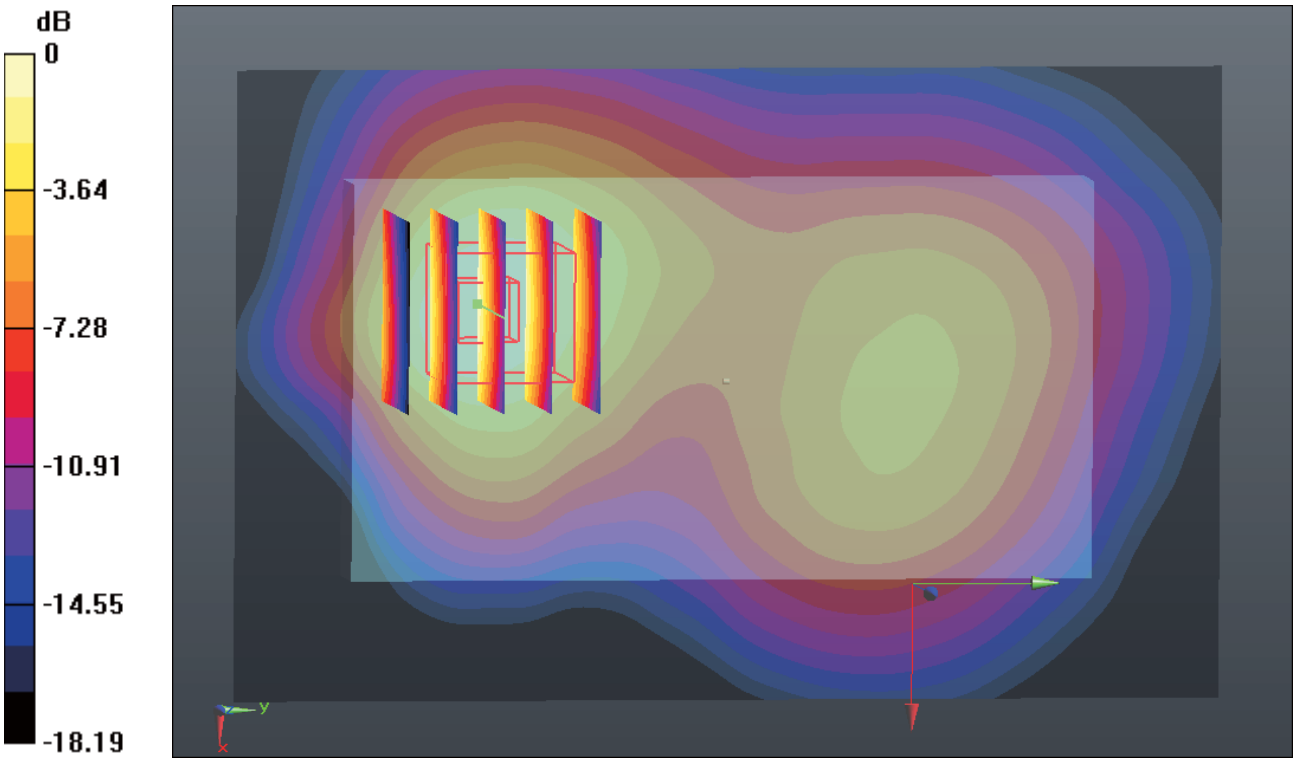
DUT: 271302

Communication System: CDMA2000; Frequency: 1731.25 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120802 Medium parameters used: f = 1731.25 MHz; σ = 1.484 mho/m; ε_r = 52.344; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch425/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.977 mW/g

Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.122 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.360 W/kg
SAR(1 g) = 0.868 mW/g; SAR(10 g) = 0.518 mW/g
Maximum value of SAR (measured) = 0.951 mW/g



0 dB = 0.950mW/g

#232 CDMA2000 BC15_RTAP 153.6_Back_1cm_Ch875_Headset

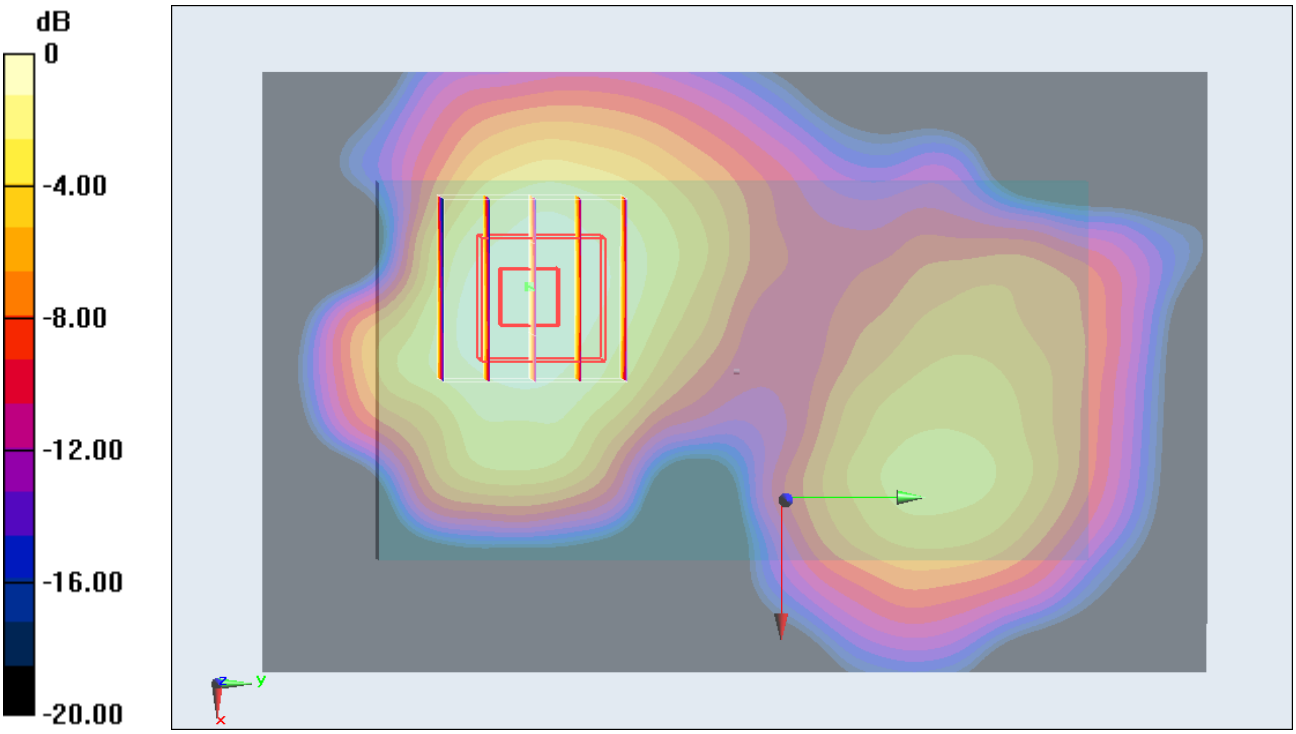
DUT: 271302

Communication System: CDMA2000; Frequency: 1753.75 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120812 Medium parameters used: f = 1754 MHz; σ = 1.519 mho/m; ε_r = 54.206; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch875/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.182 mW/g

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.269 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.238 W/kg
SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.097 mW/g
Maximum value of SAR (measured) = 0.172 mW/g



0 dB = 0.170mW/g

#125 LTE Band 2_QPSK(50 25)_20M_Back_1cm_Ch18900_Headset

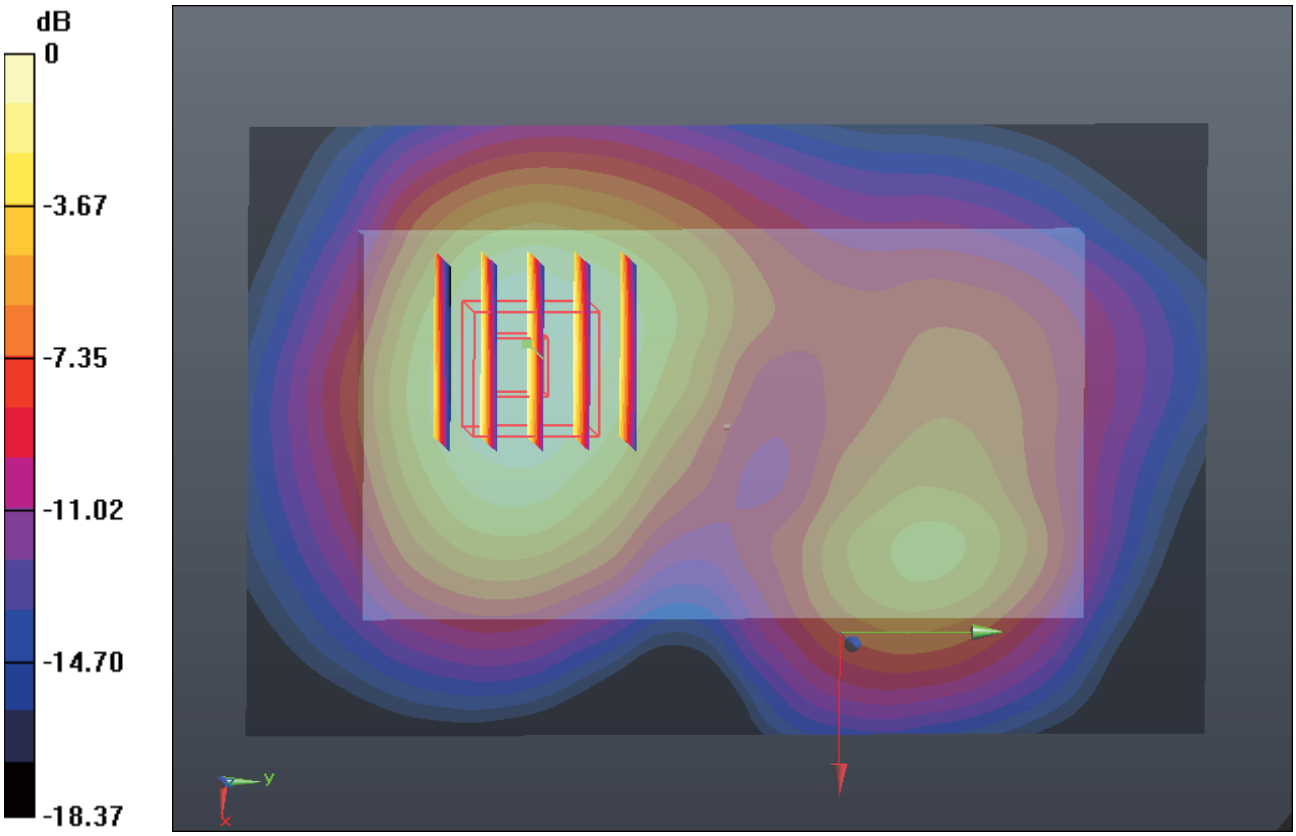
DUT: 271302

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120731 Medium parameters used: f = 1880 MHz; σ = 1.513 mho/m; ε_r = 54.609; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.842 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.546 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.114 W/kg
SAR(1 g) = 0.726 mW/g; SAR(10 g) = 0.443 mW/g
Maximum value of SAR (measured) = 0.765 mW/g



0 dB = 0.770mW/g

#130 LTE Band 2_QPSK(1 0)_20M_Back_1cm_Ch18900_Headset

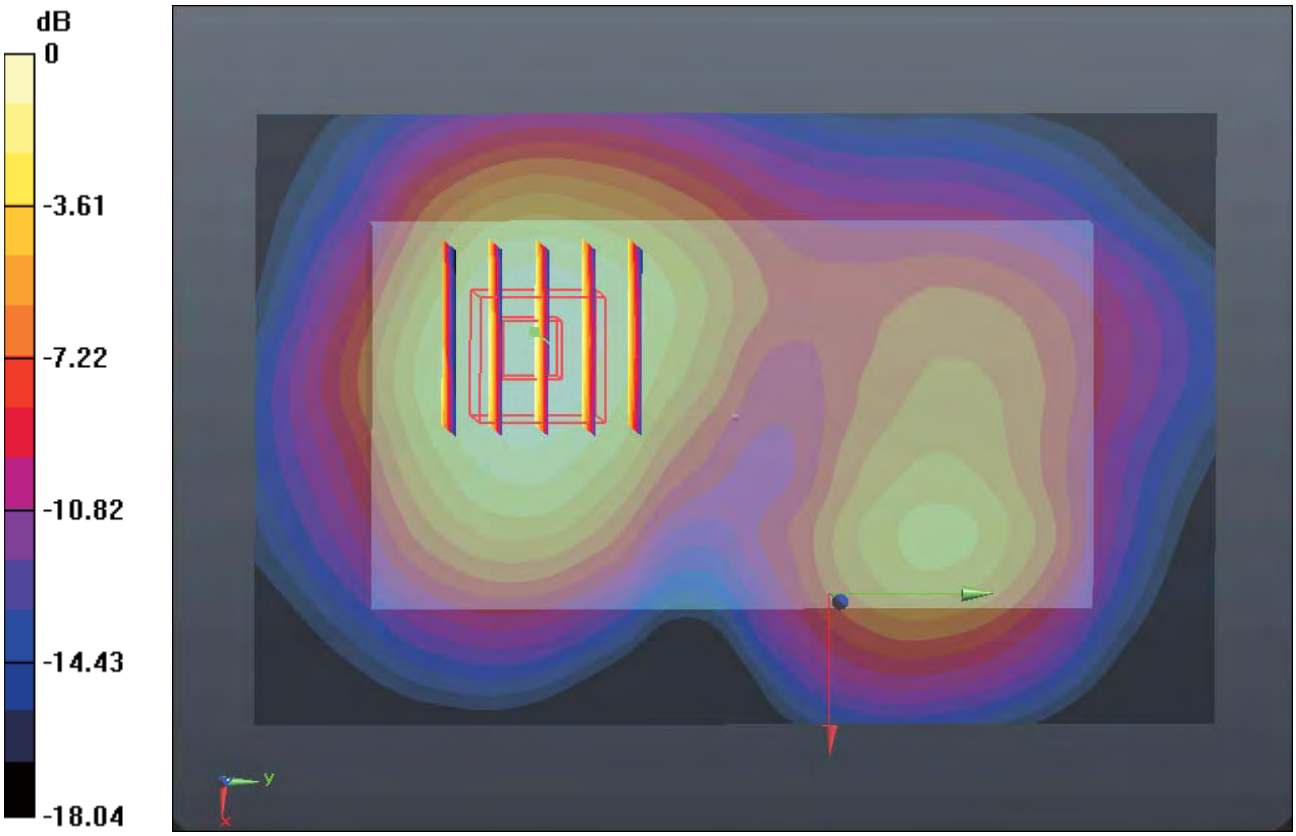
DUT: 271302

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120731 Medium parameters used: f = 1880 MHz; σ = 1.513 mho/m; ε_r = 54.609; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.108 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.285 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.459 W/kg
SAR(1 g) = 0.975 mW/g; SAR(10 g) = 0.599 mW/g
Maximum value of SAR (measured) = 1.055 mW/g



0 dB = 1.050mW/g

#135 LTE Band 2_QPSK(1 99)_20M_Back_1cm_Ch18900_Headset

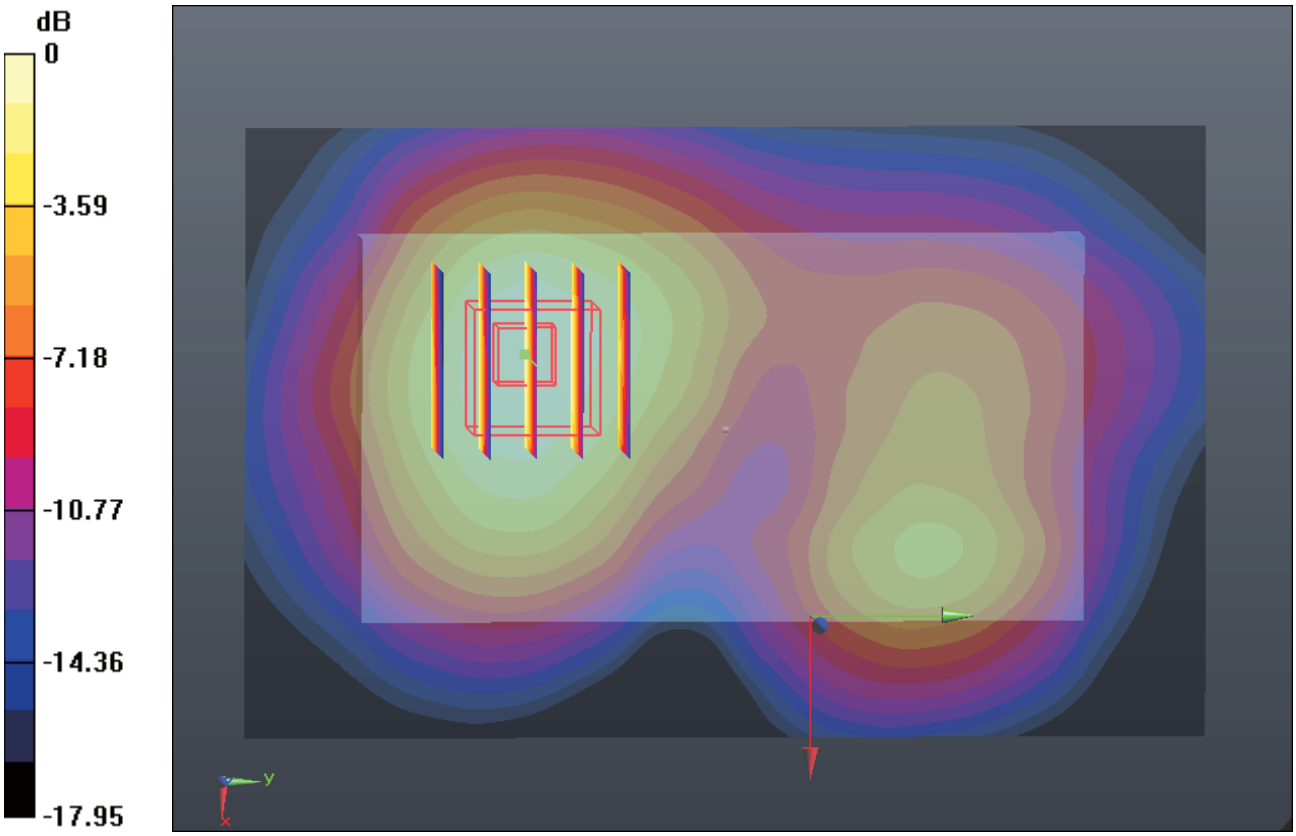
DUT: 271302

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120731 Medium parameters used: f = 1880 MHz; σ = 1.513 mho/m; ε_r = 54.609; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.022 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.971 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.363 W/kg
SAR(1 g) = 0.905 mW/g; SAR(10 g) = 0.555 mW/g
Maximum value of SAR (measured) = 0.987 mW/g



0 dB = 0.990mW/g

#140 LTE Band 2_16QAM(50 25)_20M_Back_1cm_Ch18900_Headset

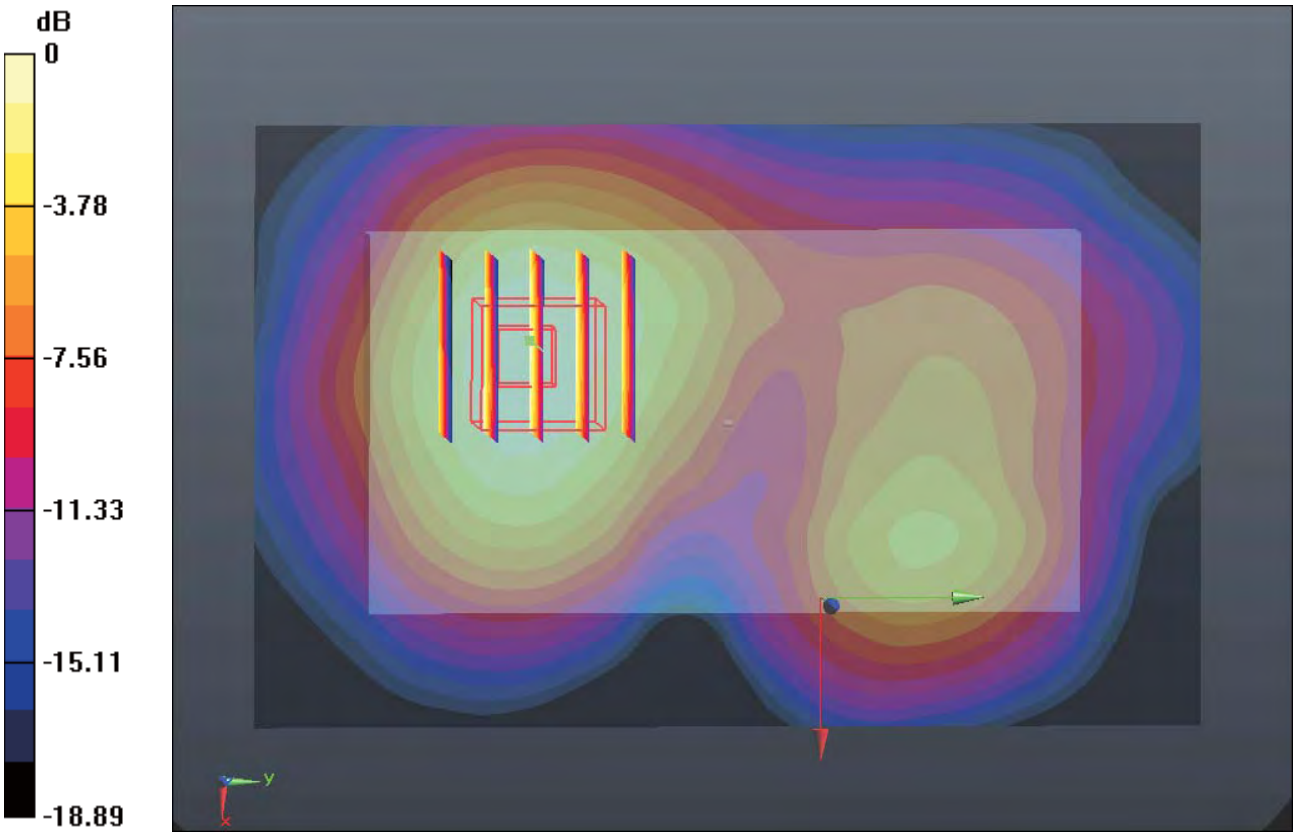
DUT: 271302

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120731 Medium parameters used: f = 1880 MHz; σ = 1.513 mho/m; ε_r = 54.609; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.642 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.574 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.869 W/kg
SAR(1 g) = 0.573 mW/g; SAR(10 g) = 0.350 mW/g
Maximum value of SAR (measured) = 0.617 mW/g



0 dB = 0.620mW/g

#145 LTE Band 2_16QAM(1 0)_20M_Back_1cm_Ch18700_Headset

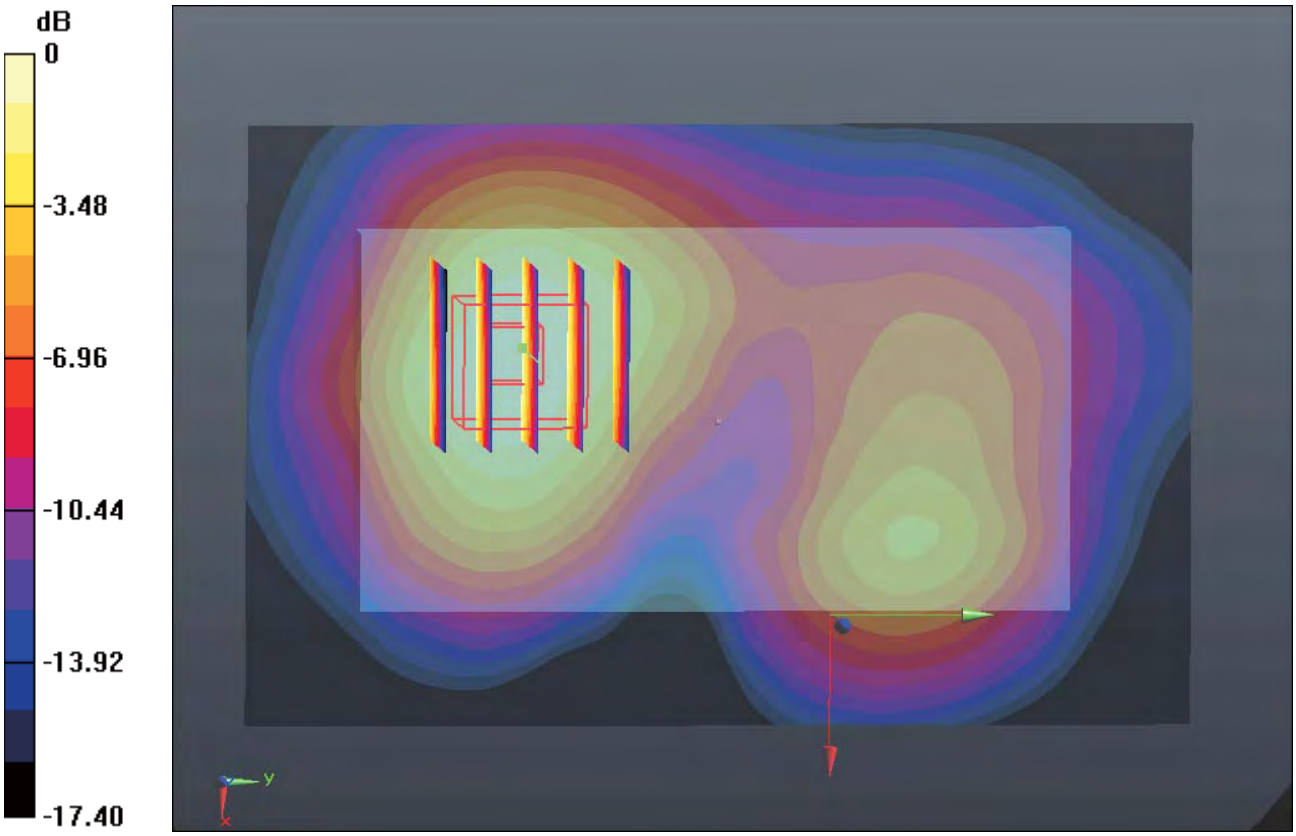
DUT: 271302

Communication System: LTE; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120731 Medium parameters used: f = 1860 MHz; σ = 1.486 mho/m; ε_r = 54.647; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18700/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.879 mW/g

Ch18700/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.912 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.162 W/kg
SAR(1 g) = 0.775 mW/g; SAR(10 g) = 0.473 mW/g
Maximum value of SAR (measured) = 0.842 mW/g



0 dB = 0.840mW/g

#150 LTE Band 2_16QAM(1 99)_20M_Back_1cm_Ch18700_Headset

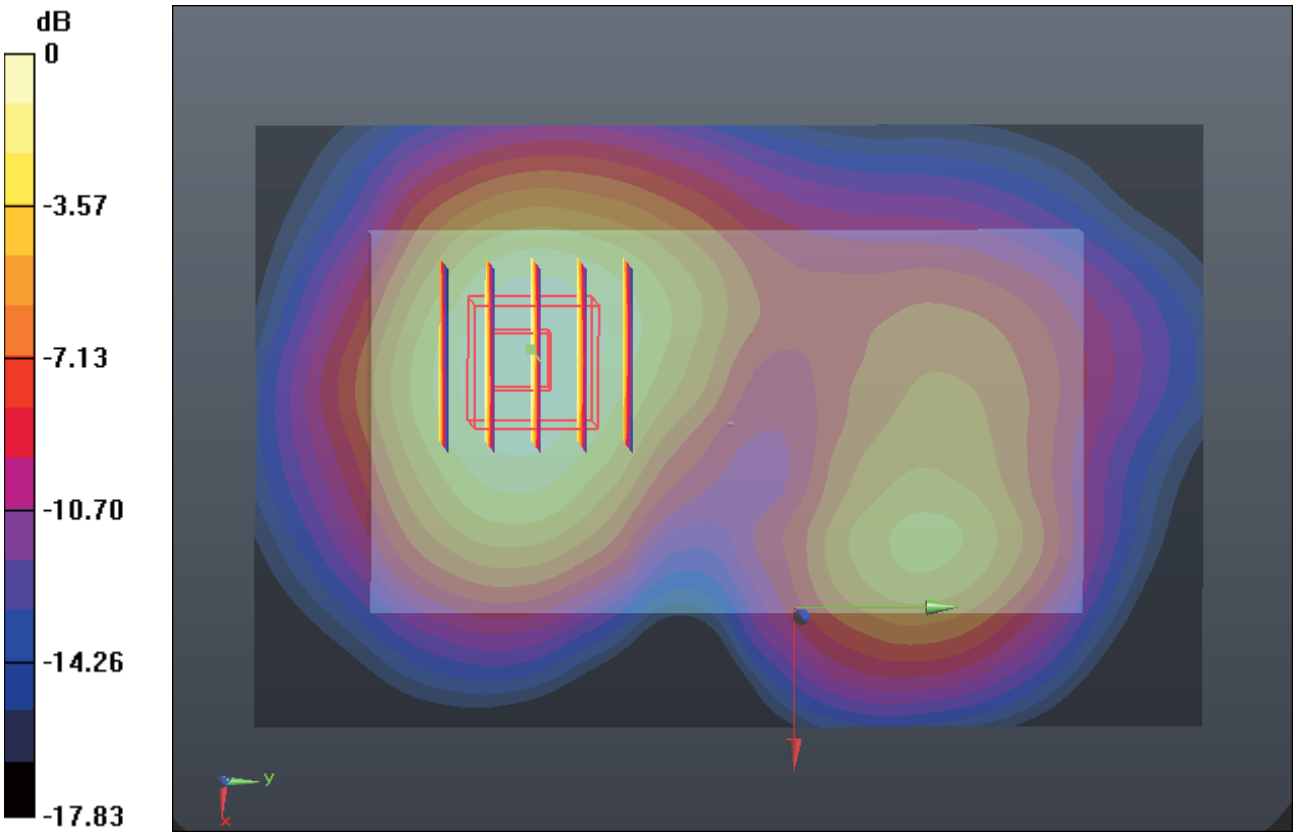
DUT: 271302

Communication System: LTE; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120731 Medium parameters used: f = 1860 MHz; σ = 1.486 mho/m; ε_r = 54.647; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18700/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.887 mW/g

Ch18700/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.575 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.201 W/kg
SAR(1 g) = 0.776 mW/g; SAR(10 g) = 0.477 mW/g
Maximum value of SAR (measured) = 0.828 mW/g



0 dB = 0.830mW/g

#233 LTE Band 2_QPSK(1 0)_20M_Back_1cm_Ch18900_Headset

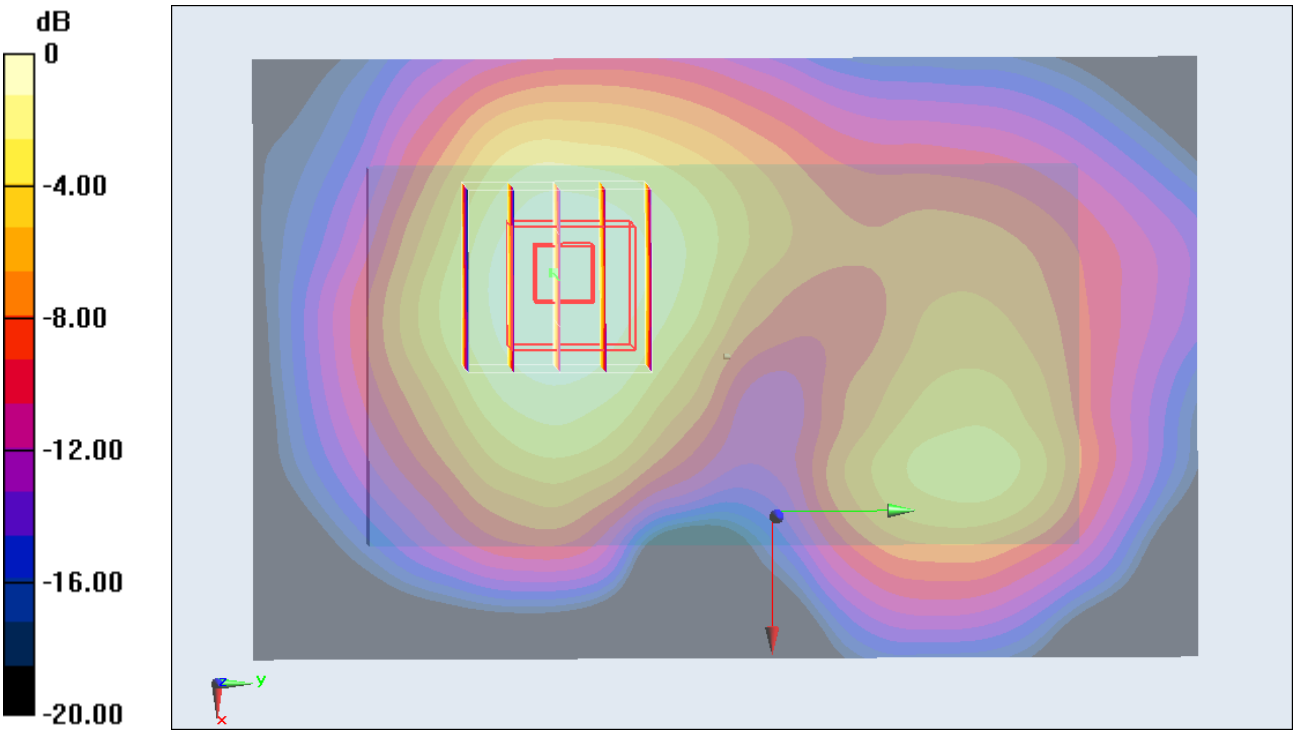
DUT: 271302

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120812 Medium parameters used: f = 1880 MHz; σ = 1.509 mho/m; ε_r = 54.703; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.372 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.838 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.475 W/kg
SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.200 mW/g
Maximum value of SAR (measured) = 0.348 mW/g



0 dB = 0.350mW/g

#155 LTE Band 4_QPSK(50 25)_20M_Back_1cm_Ch20175_Headset

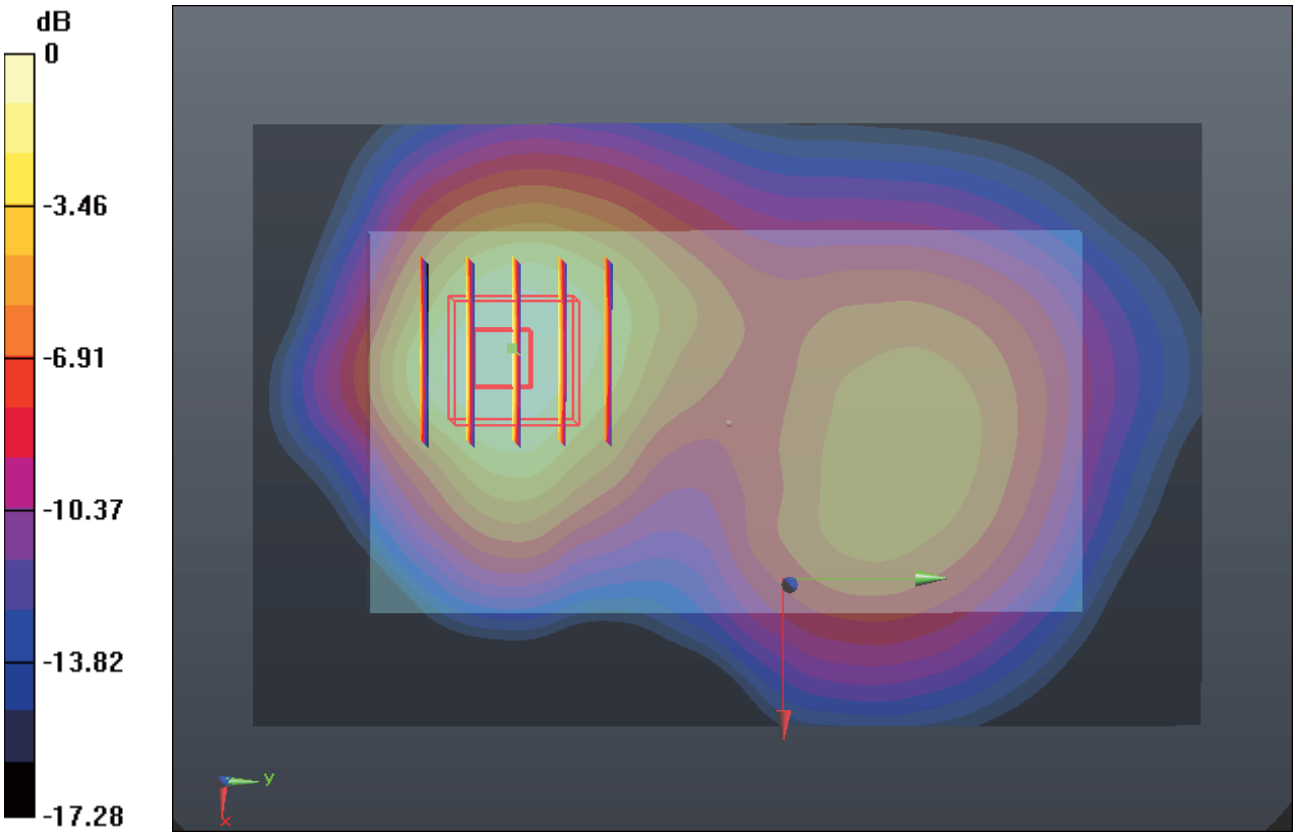
DUT: 271302

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1732.5 MHz; σ = 1.486 mho/m; ε_r = 52.34; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.784 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.984 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.057 W/kg
SAR(1 g) = 0.687 mW/g; SAR(10 g) = 0.409 mW/g
Maximum value of SAR (measured) = 0.746 mW/g



0 dB = 0.750mW/g

#155 LTE Band 4_QPSK(50 25)_20M_Back_1cm_Ch20175_Headset_2D

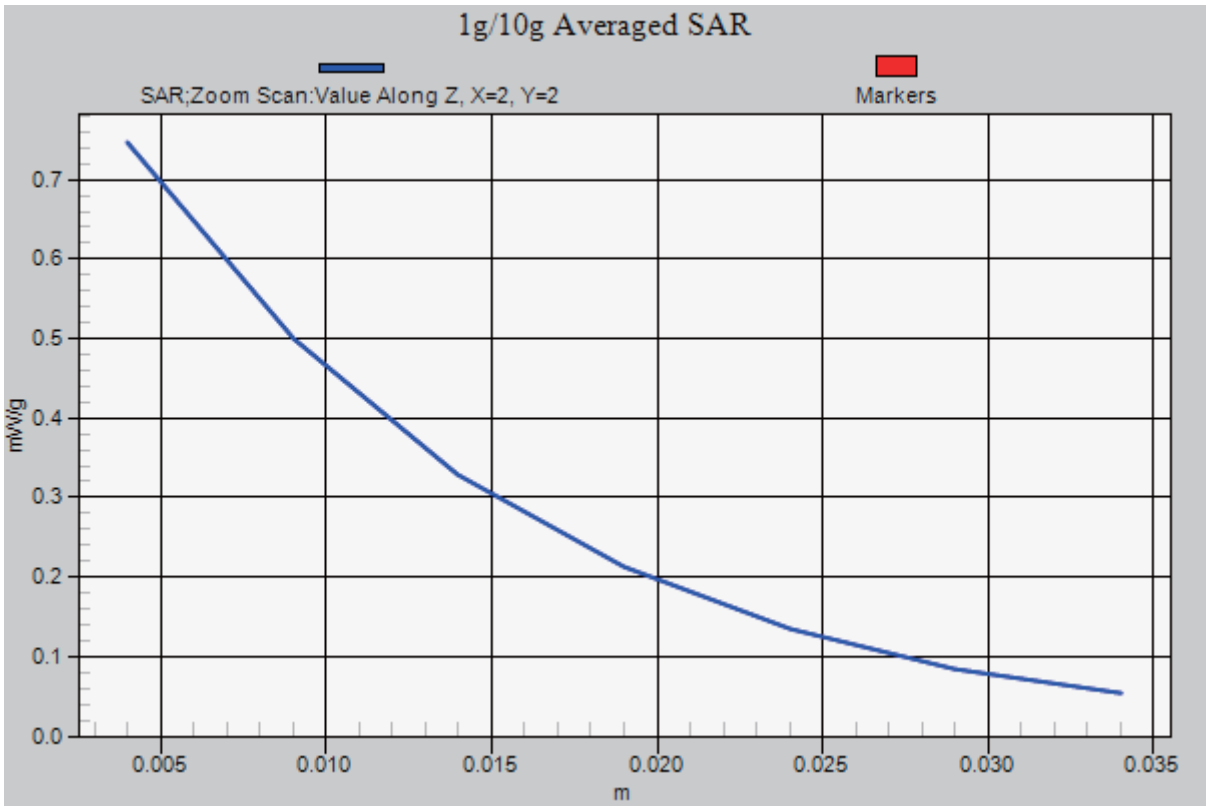
DUT: 271302

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1732.5 MHz; σ = 1.486 mho/m; ε_r = 52.34; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.784 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.984 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.057 W/kg
SAR(1 g) = 0.687 mW/g; SAR(10 g) = 0.409 mW/g
Maximum value of SAR (measured) = 0.746 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#160 LTE Band 4_QPSK(1 0)_20M_Back_1cm_Ch20175_Headset

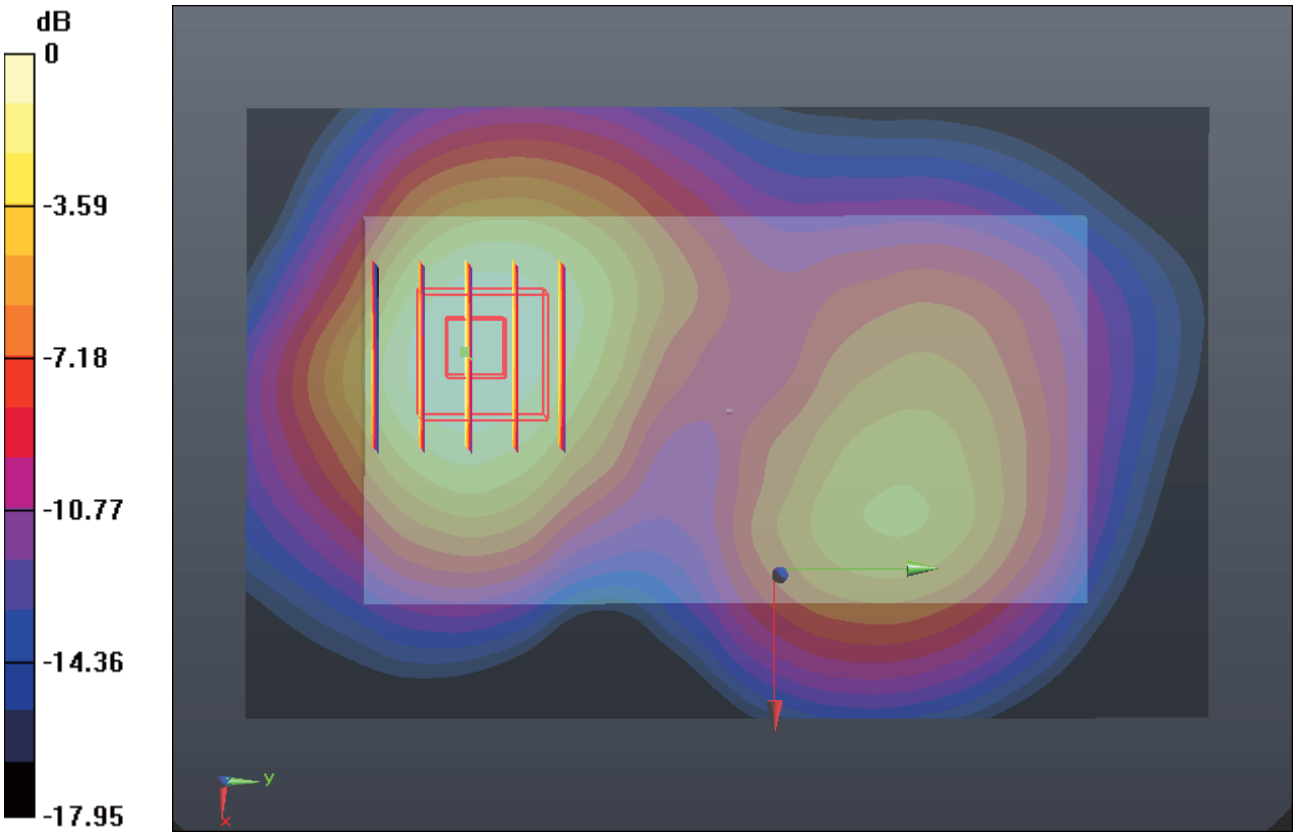
DUT: 271302

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1732.5 MHz; σ = 1.486 mho/m; ε_r = 52.34; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.081 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.625 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.447 W/kg
SAR(1 g) = 0.946 mW/g; SAR(10 g) = 0.586 mW/g
Maximum value of SAR (measured) = 1.018 mW/g



0 dB = 1.020mW/g

#160 LTE Band 4_QPSK(1 0)_20M_Back_1cm_Ch20175_Headset_2D

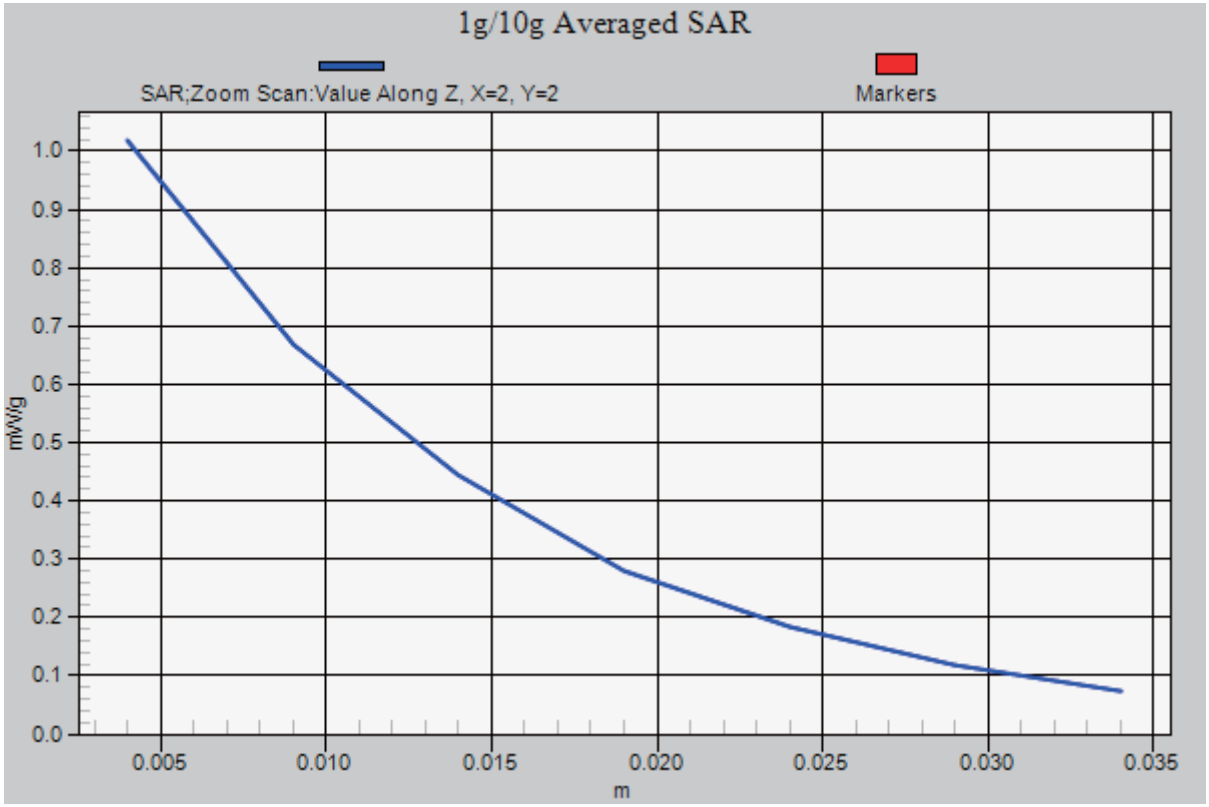
DUT: 271302

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1732.5 MHz; σ = 1.486 mho/m; ε_r = 52.34; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.081 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.625 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.447 W/kg
SAR(1 g) = 0.946 mW/g; SAR(10 g) = 0.586 mW/g
Maximum value of SAR (measured) = 1.018 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#165 LTE Band 4_QPSK(1 99)_20M_Back_1cm_Ch20175_Headset

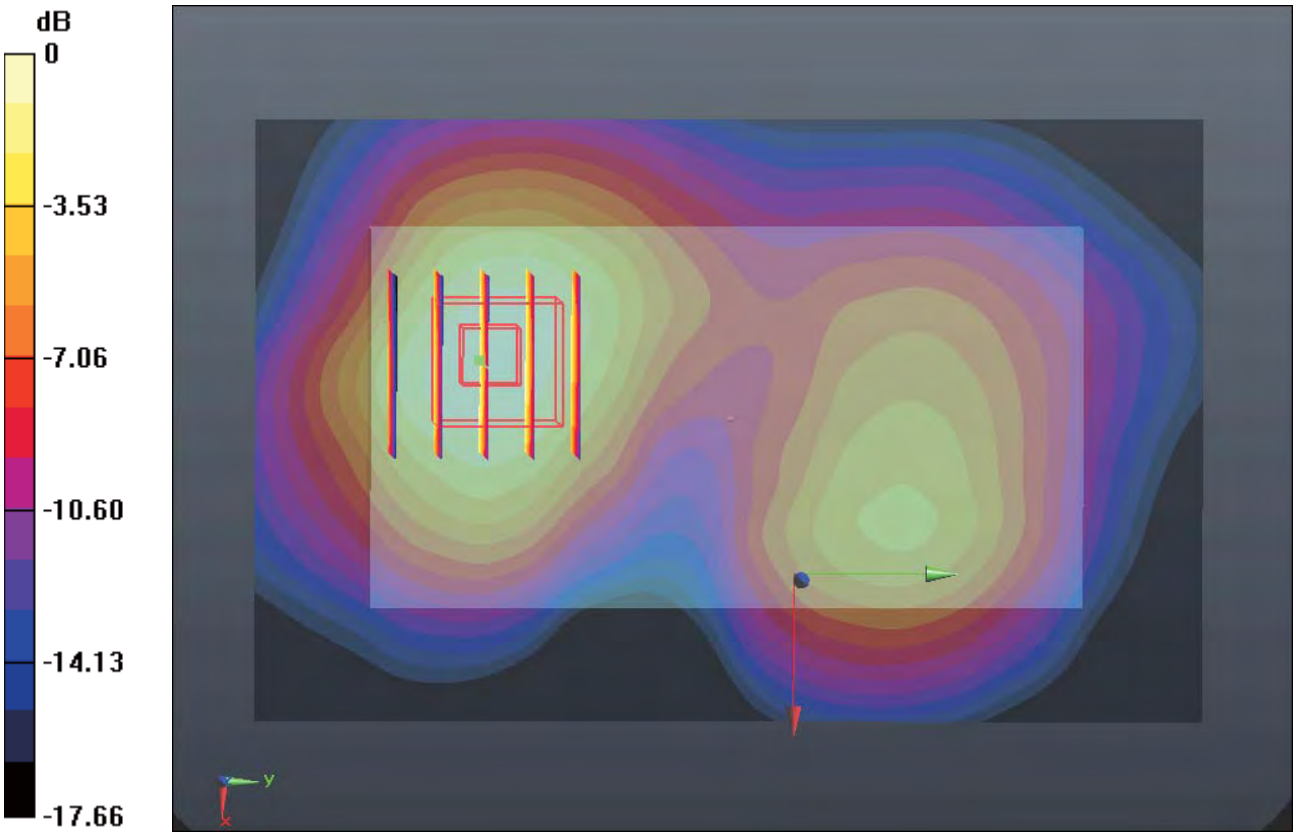
DUT: 271302

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1732.5 MHz; σ = 1.486 mho/m; ε_r = 52.34; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.981 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.471 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.347 W/kg
SAR(1 g) = 0.909 mW/g; SAR(10 g) = 0.562 mW/g
Maximum value of SAR (measured) = 0.985 mW/g



0 dB = 0.990mW/g

#165 LTE Band 4_QPSK(1 99)_20M_Back_1cm_Ch20175_Headset_2D

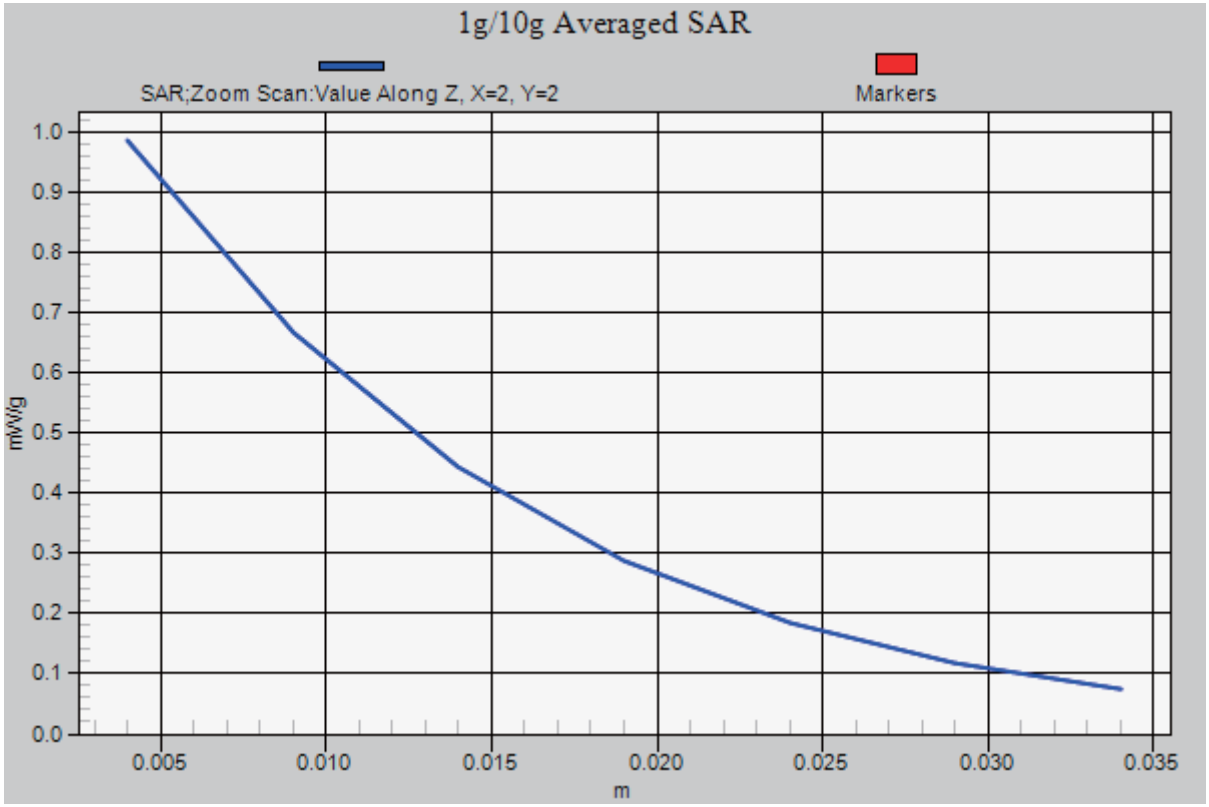
DUT: 271302

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1732.5 MHz; σ = 1.486 mho/m; ε_r = 52.34; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.981 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.471 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.347 W/kg
SAR(1 g) = 0.909 mW/g; SAR(10 g) = 0.562 mW/g
Maximum value of SAR (measured) = 0.985 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#170 LTE Band 4_16QAM(50 25)_20M_Back_1cm_Ch20175_Headset

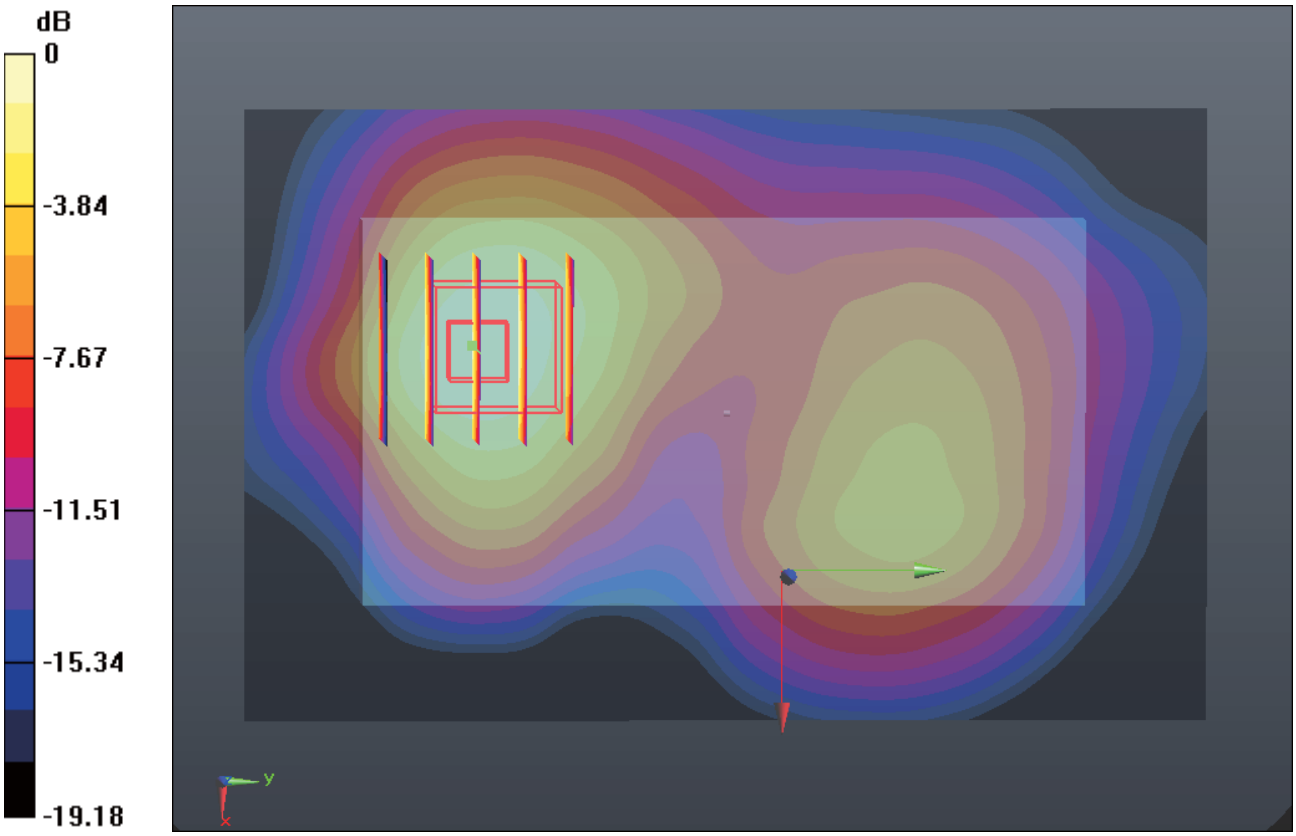
DUT: 271302

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1732.5 MHz; σ = 1.486 mho/m; ε_r = 52.34; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.601 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.338 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.815 W/kg
SAR(1 g) = 0.539 mW/g; SAR(10 g) = 0.327 mW/g
Maximum value of SAR (measured) = 0.585 mW/g



0 dB = 0.590mW/g

#175 LTE Band 4_16QAM(1 0)_20M_Back_1cm_Ch20050_Headset

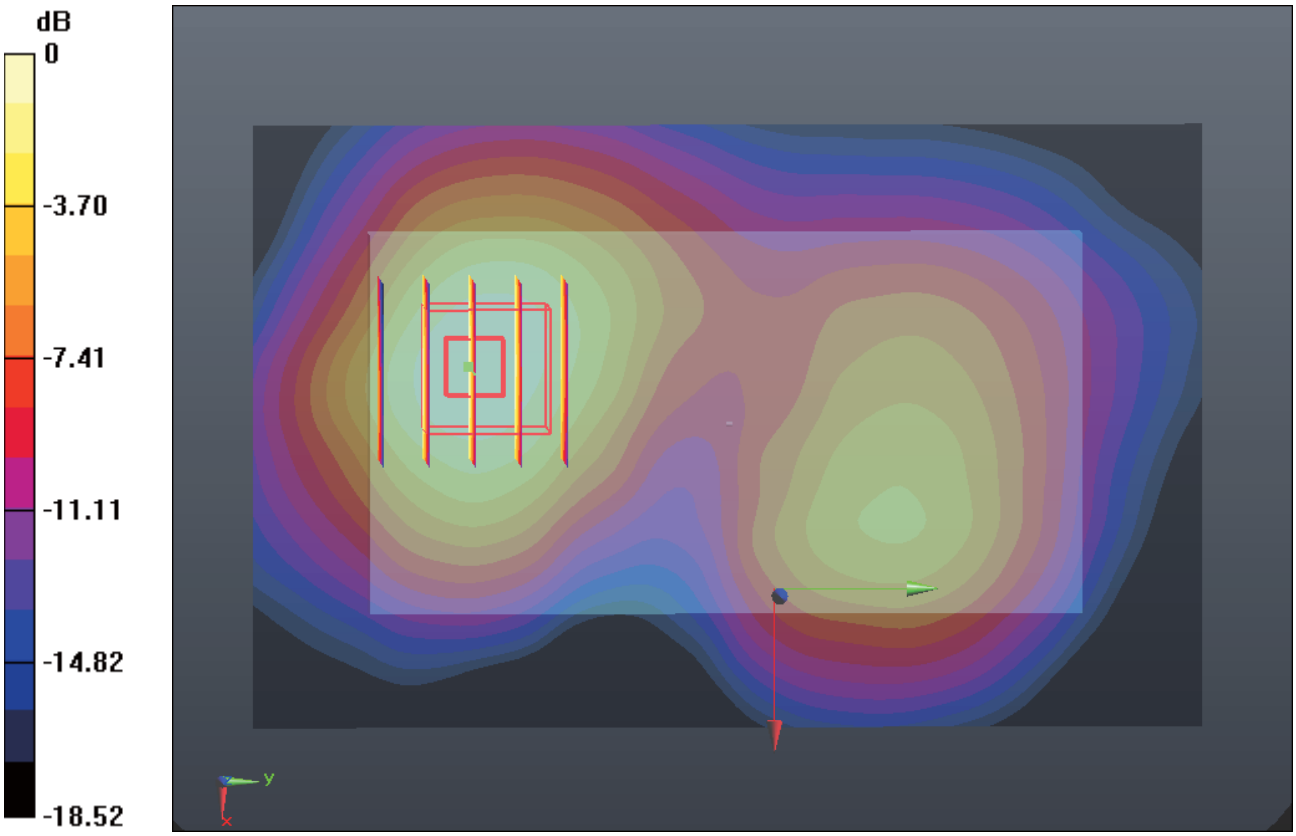
DUT: 271302

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1720 MHz; σ = 1.471 mho/m; ε_r = 52.341; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20050/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.805 mW/g

Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.901 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.099 W/kg
SAR(1 g) = 0.737 mW/g; SAR(10 g) = 0.456 mW/g
Maximum value of SAR (measured) = 0.804 mW/g



0 dB = 0.800mW/g

#175 LTE Band 4_16QAM(1 0)_20M_Back_1cm_Ch20050_Headset_2D

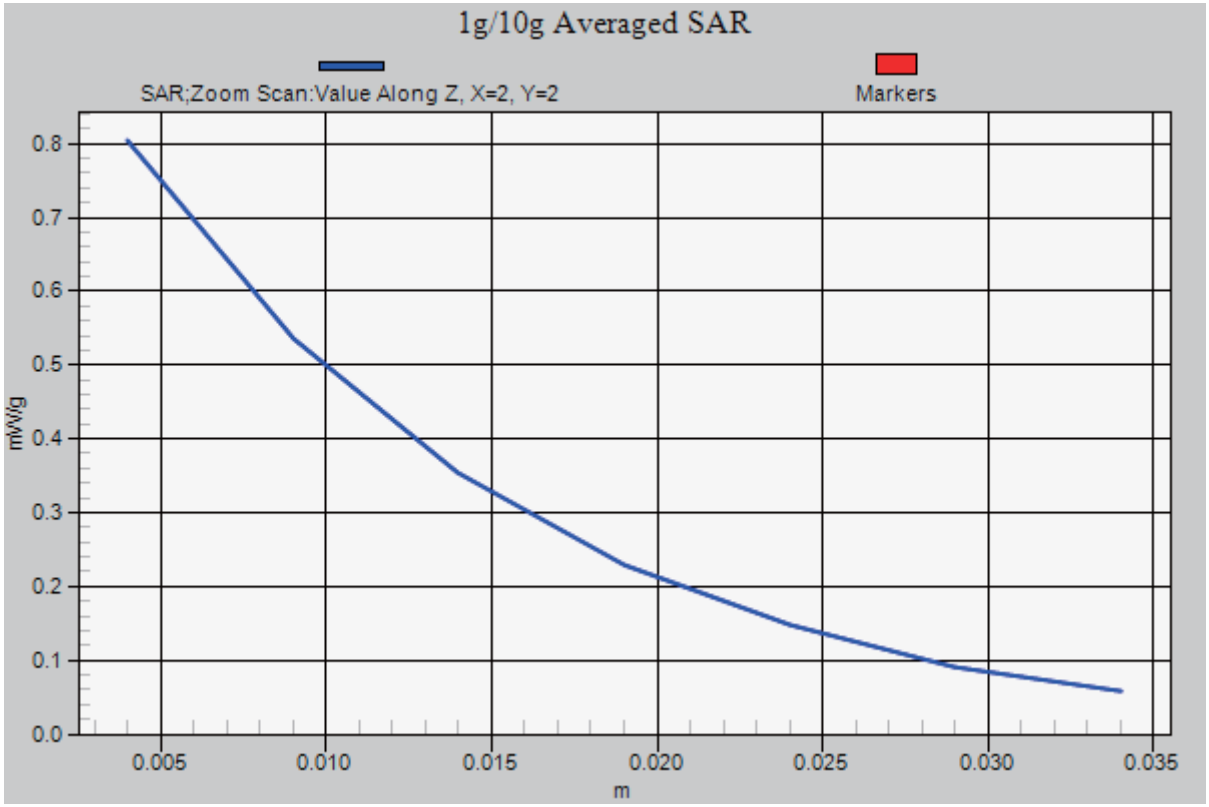
DUT: 271302

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1720 MHz; σ = 1.471 mho/m; ε_r = 52.341; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20050/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.805 mW/g

Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.901 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.099 W/kg
SAR(1 g) = 0.737 mW/g; SAR(10 g) = 0.456 mW/g
Maximum value of SAR (measured) = 0.804 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#180 LTE Band 4_16QAM(1 99)_20M_Back_1cm_Ch20050_Headset

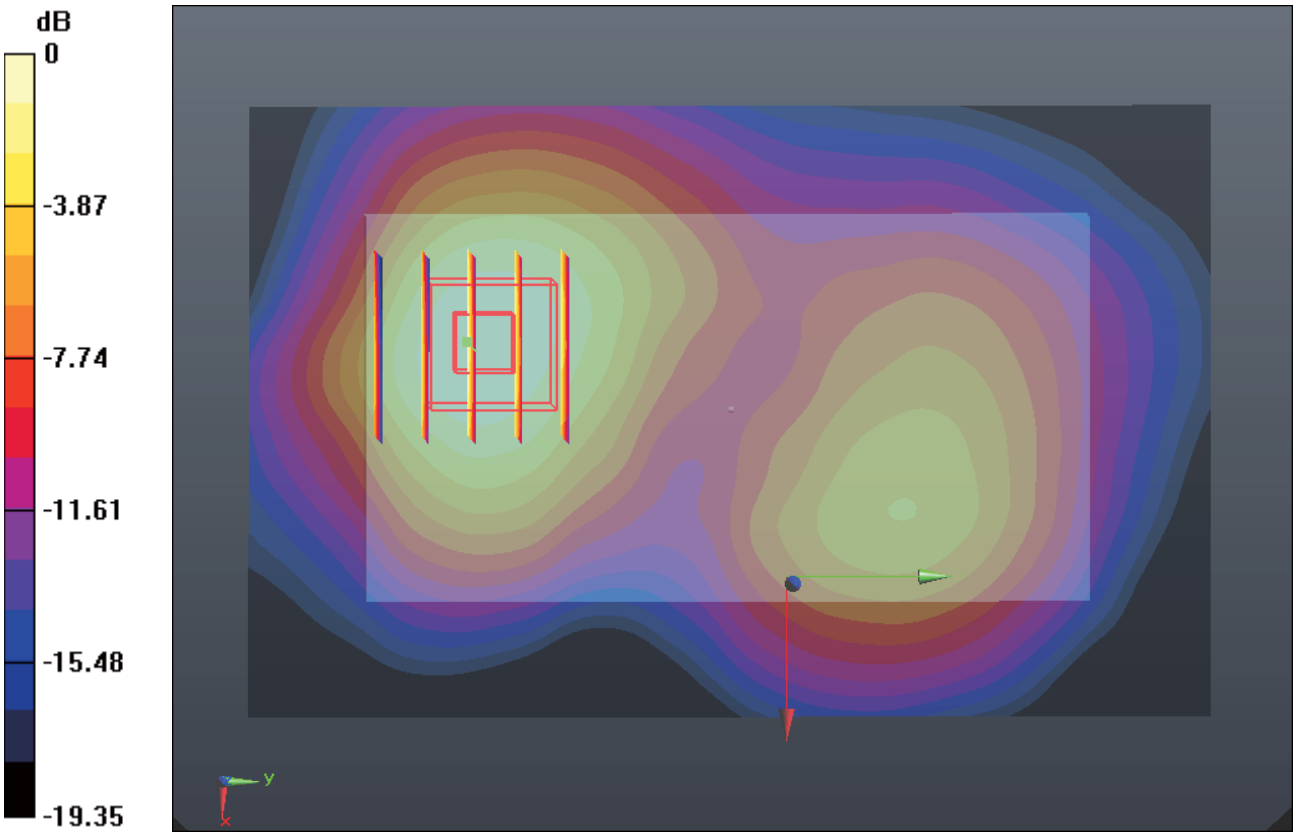
DUT: 271302

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1720 MHz; σ = 1.471 mho/m; ε_r = 52.341; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20050/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.861 mW/g

Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.563 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.159 W/kg
SAR(1 g) = 0.769 mW/g; SAR(10 g) = 0.470 mW/g
Maximum value of SAR (measured) = 0.827 mW/g



0 dB = 0.830mW/g

#180 LTE Band 4_16QAM(1 99)_20M_Back_1cm_Ch20050_Headset_2D

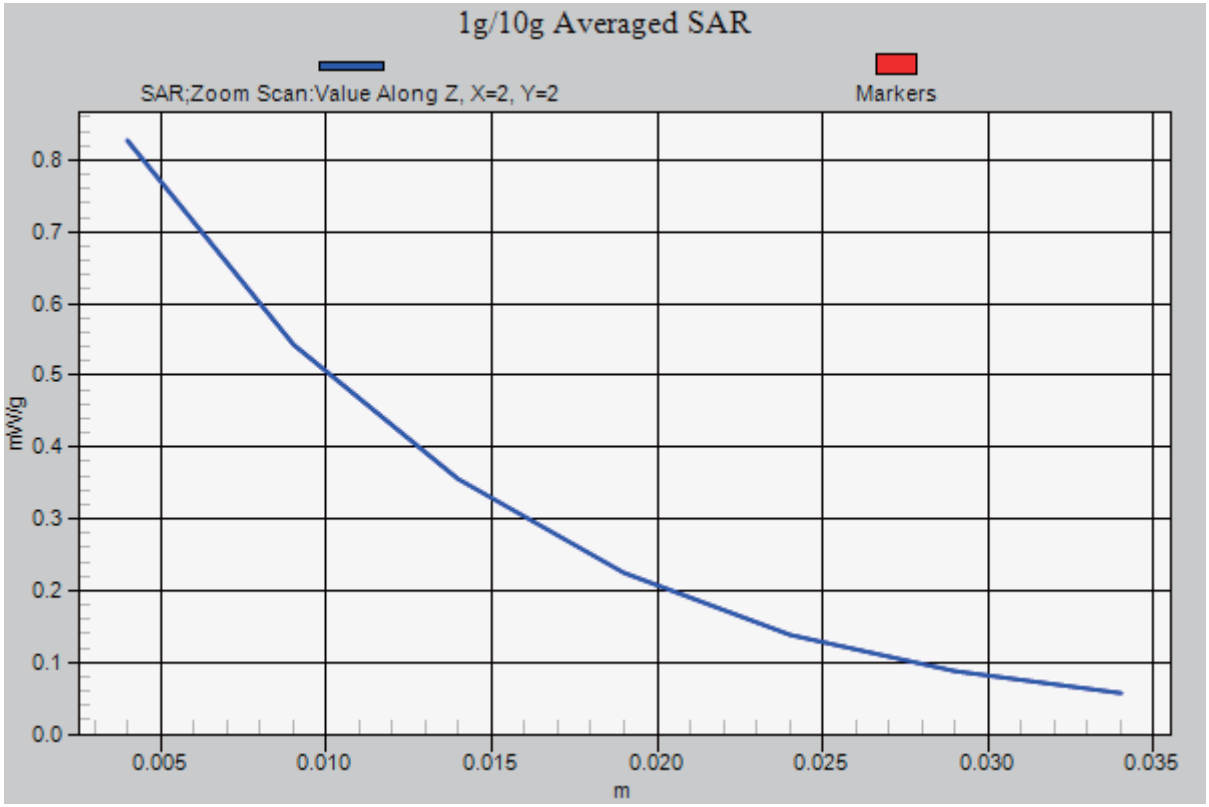
DUT: 271302

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120801 Medium parameters used: f = 1720 MHz; σ = 1.471 mho/m; ε_r = 52.341; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20050/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.861 mW/g

Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.563 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.159 W/kg
SAR(1 g) = 0.769 mW/g; SAR(10 g) = 0.470 mW/g
Maximum value of SAR (measured) = 0.827 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#234 LTE Band 4_QPSK(1 0)_20M_Back_1cm_Ch20175_Headset

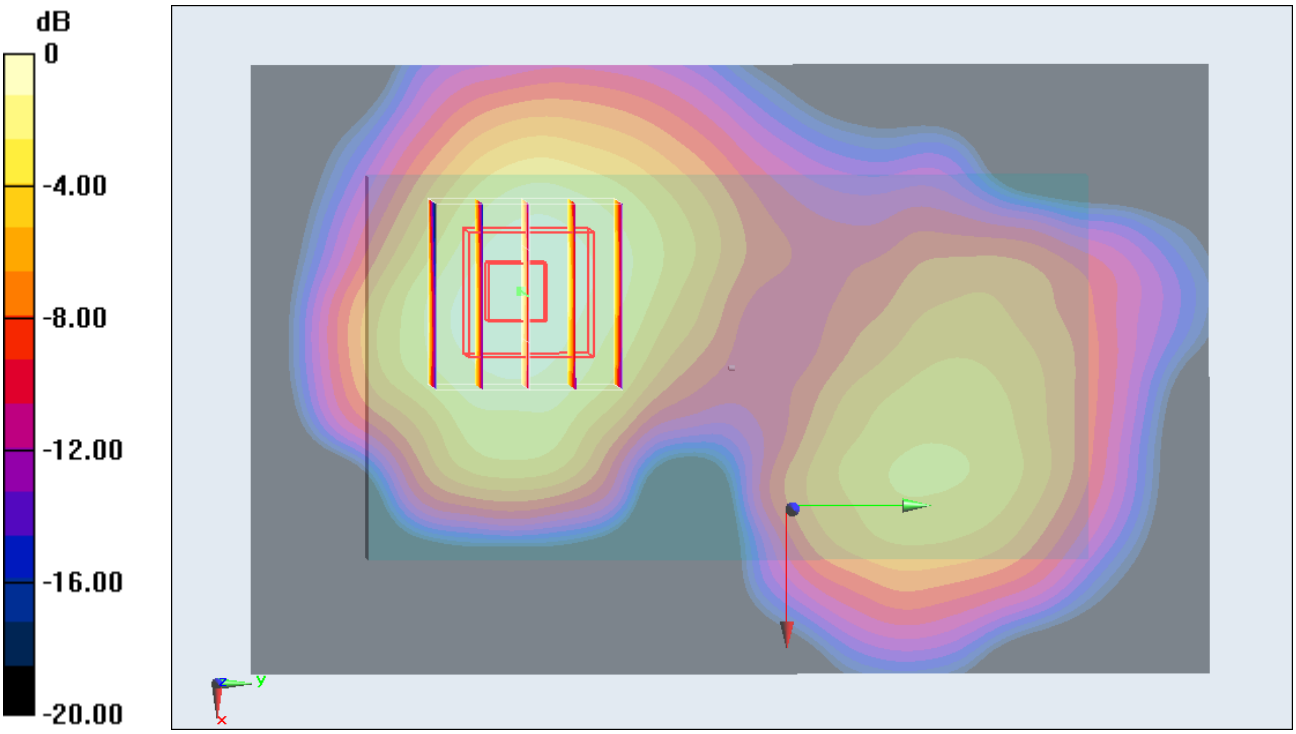
DUT: 271302

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120812 Medium parameters used: f = 1732.5 MHz; σ = 1.497 mho/m; ε_r = 54.273; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.202 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.558 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.279 W/kg
SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.112 mW/g
Maximum value of SAR (measured) = 0.201 mW/g



0 dB = 0.200mW/g

#201 802.11b_Back_1cm_1M_Ch1_Headset

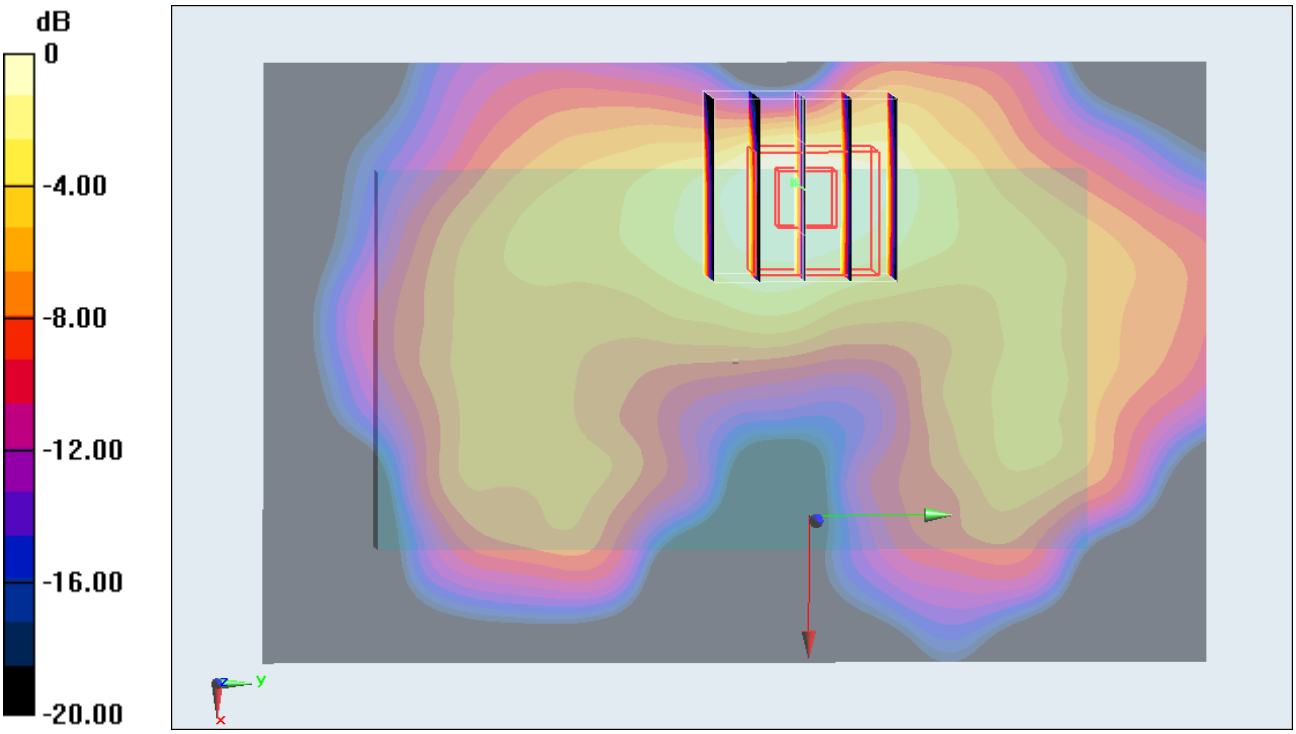
DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120810 Medium parameters used: f = 2412 MHz; σ = 1.912 mho/m; ε_r = 52.16; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.173 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.617 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.278 W/kg
SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.072 mW/g
Maximum value of SAR (measured) = 0.152 mW/g



0 dB = 0.150mW/g

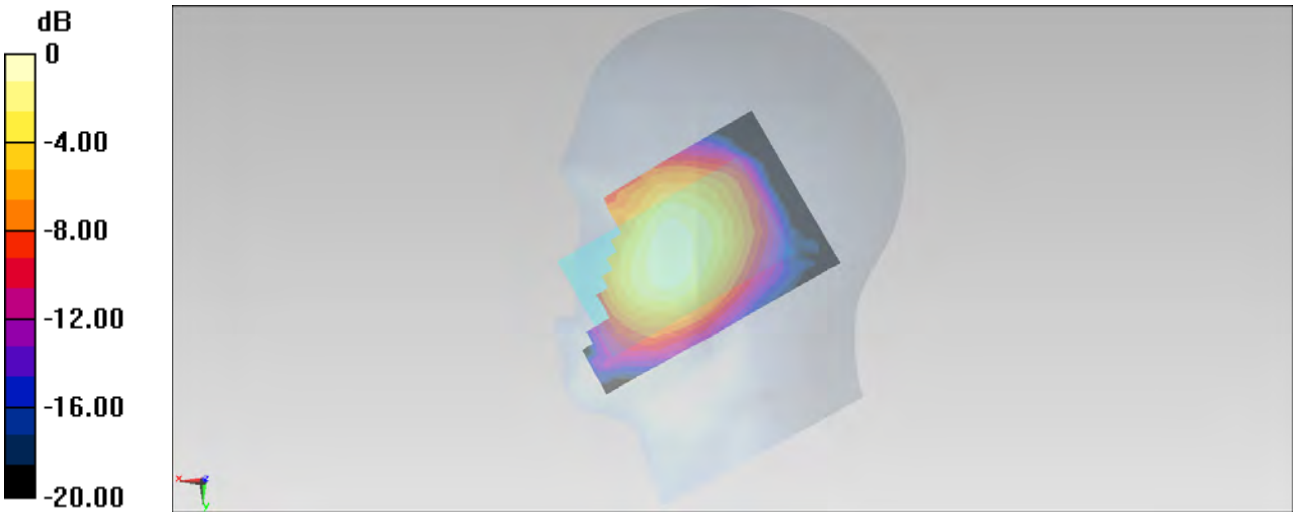
#202 CDMA2000 BC0_RC3 SO55_Right Cheek_Ch1013_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: HSL_835_120818 Medium parameters used: f = 825 MHz; σ = 0.884 mho/m; ε_r = 41.63; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1013/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.363 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.137 W/kg
SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.085 mW/g
Total Absorbed Power = 0.00998776 W
Maximum value of SAR (measured) = 0.120 mW/g



0 dB = 1.120mW/g

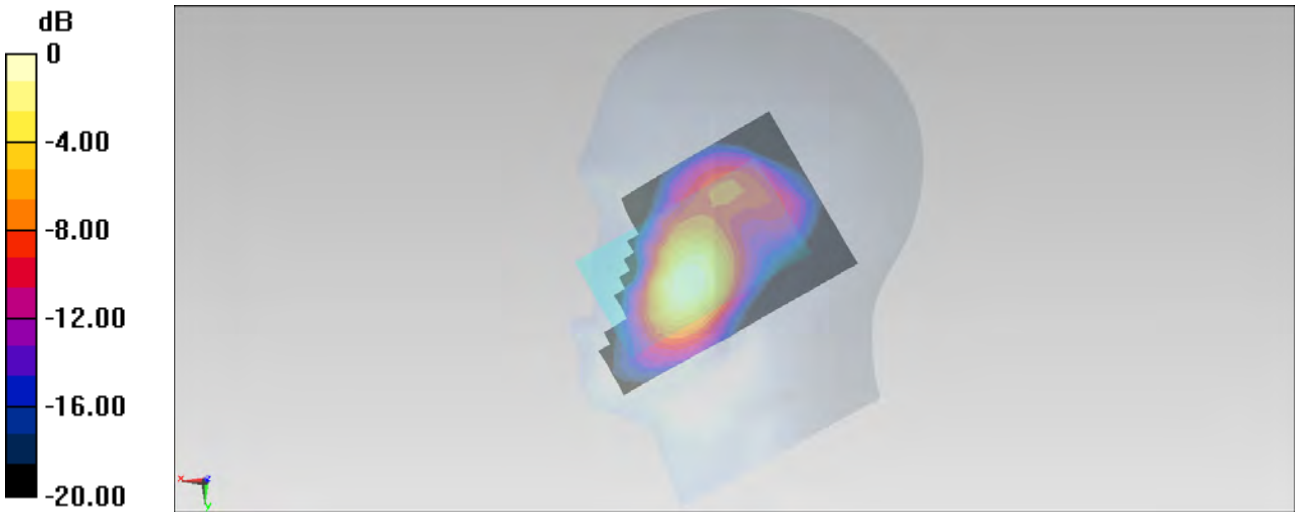
#26 CDMA2000 BC15_RTAP 153.6_Right Cheek_Ch425_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1731.25 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120819 Medium parameters used: f = 1731.25 MHz; σ = 1.376 mho/m; ε_r = 41.172; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.14, 8.14, 8.14); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch425/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.950 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.758 W/kg
SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.668 mW/g
Total Absorbed Power = 0.0354305 W
Maximum value of SAR (measured) = 1.219 mW/g



0 dB = 1.220mW/g

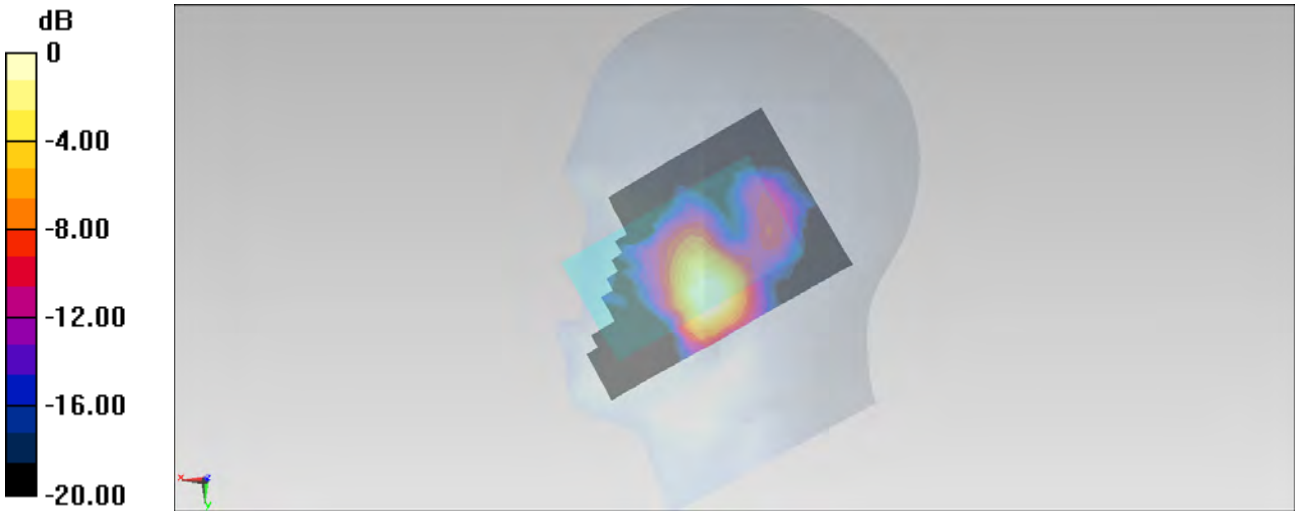
#194 802.11b_Right Cheek_1M_Ch1_volume scan

DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.769 mho/m; ε_r = 38.063; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.733 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.581 W/kg
SAR(1 g) = 0.299 mW/g; SAR(10 g) = 0.146 mW/g
Total Absorbed Power = 0.00456221 W
Maximum value of SAR (measured) = 0.330 mW/g



0 dB = 0.330mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/18

#202 CDMA2000 BC0_RC3 SO55_Right Cheek_Ch1013_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_835_120818 Medium parameters used: f = 825 MHz; σ = 0.884 mho/m; ε_r = 41.63; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/19

#26 CDMA2000 BC15_RTAP 153.6_Right Cheek_Ch425_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_1750_120819 Medium parameters used : f = 1731.25 MHz; σ = 1.376 mho/m; ε_r = 41.172; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(8.14, 8.14, 8.14); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

#194 802.11b_Right Cheek_1M_Ch1_volume scan

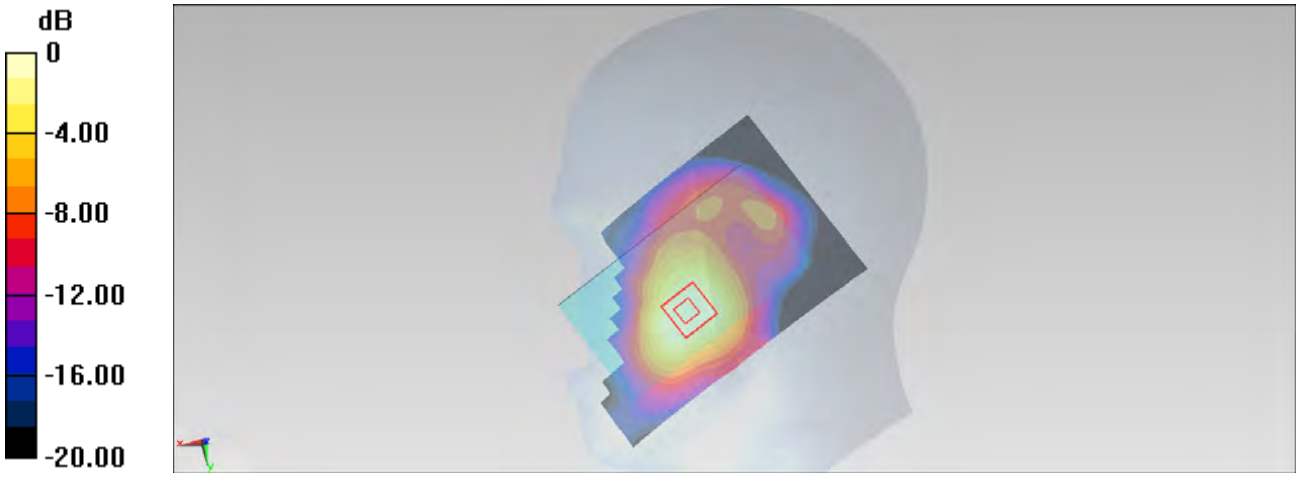
DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.769 mho/m; ε_r = 38.063; ρ = 1000 kg/m^3

Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0)

Multi Band Result:
SAR(1 g) = 1.49 mW/g; SAR(10 g) = 0.908 mW/g
Maximum value of SAR (interpolated) = 2.23 mW/g



0 dB = 2.23 mW/g = 6.97 dB mW/g

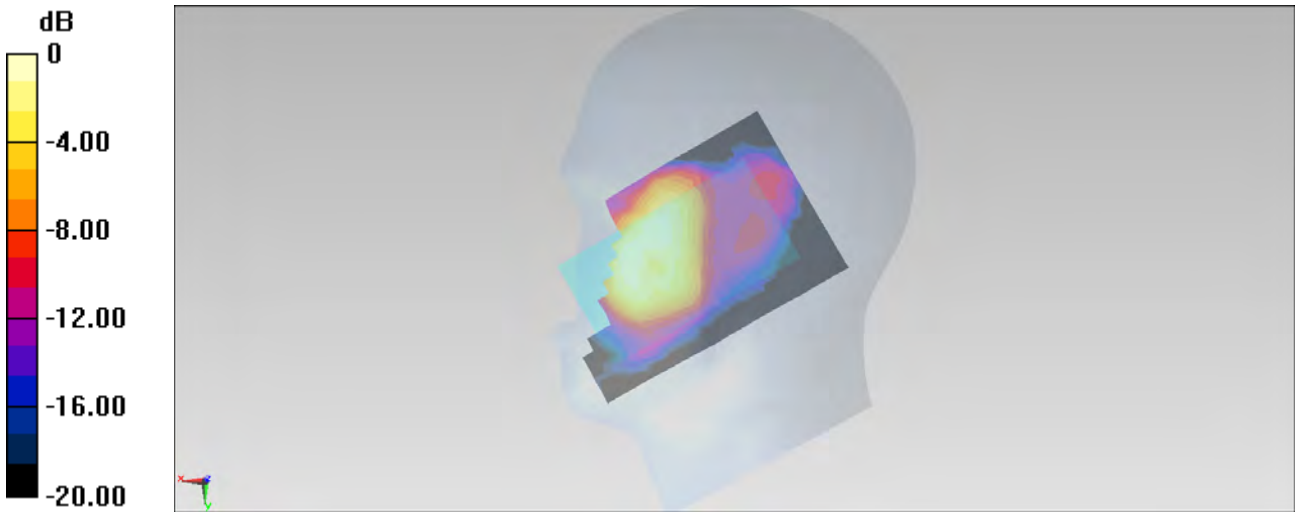
#204 CDMA2000 BC15_RC3 SO55_Right Cheek_Ch425_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1731.25 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120819 Medium parameters used: f = 1731.25 MHz; σ = 1.376 mho/m; ε_r = 41.172; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.14, 8.14, 8.14); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch425/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.070 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.216 W/kg
SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.083 mW/g
Total Absorbed Power = 0.00705297 W
Maximum value of SAR (measured) = 0.152 mW/g



0 dB = 0.150mW/g

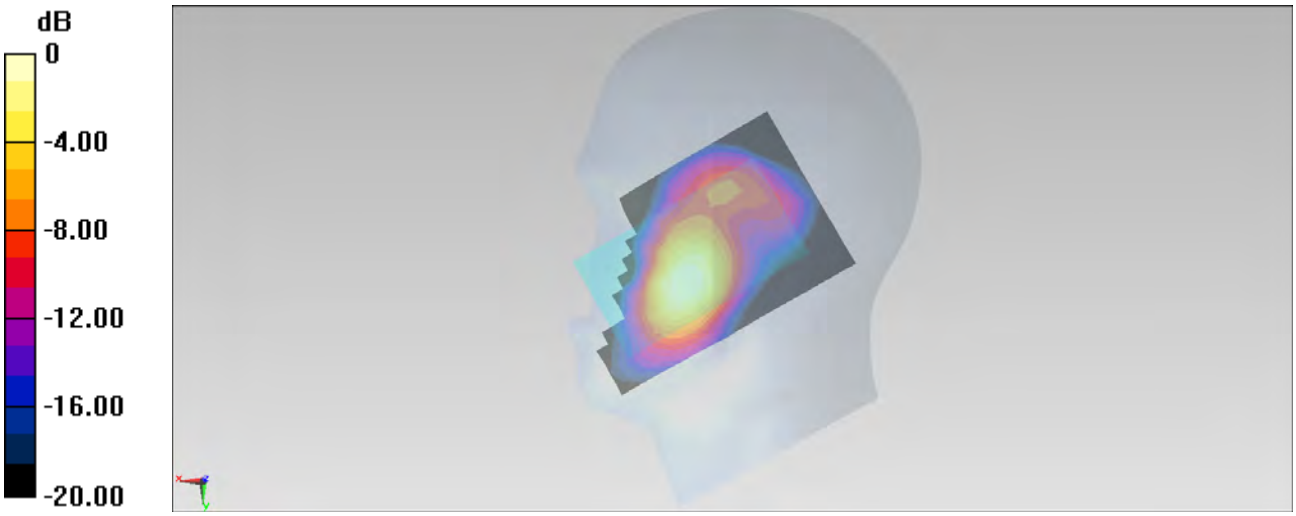
#26 CDMA2000 BC15_RTAP 153.6_Right Cheek_Ch425_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1731.25 MHz;Duty Cycle: 1:1
Medium: HSL_1750_120819 Medium parameters used: f = 1731.25 MHz; σ = 1.376 mho/m; ε_r = 41.172; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.14, 8.14, 8.14); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch425/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.950 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.758 W/kg
SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.668 mW/g
Total Absorbed Power = 0.0354305 W
Maximum value of SAR (measured) = 1.219 mW/g



0 dB = 1.220mW/g

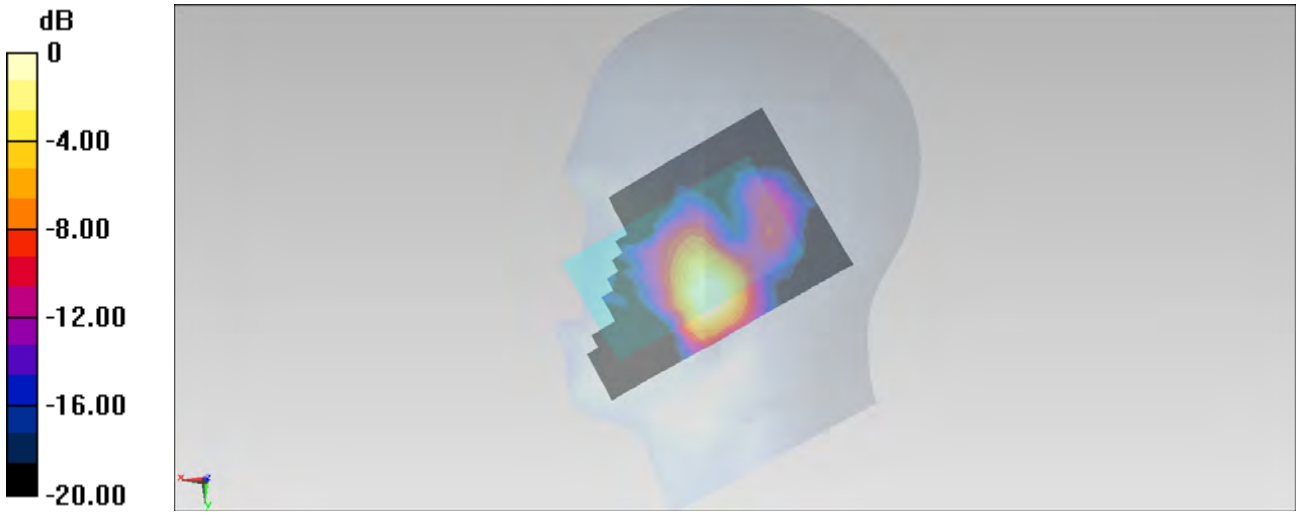
#194 802.11b_Right Cheek_1M_Ch1_volume scan

DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.769 mho/m; ε_r = 38.063; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.733 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.581 W/kg
SAR(1 g) = 0.299 mW/g; SAR(10 g) = 0.146 mW/g
Total Absorbed Power = 0.00456221 W
Maximum value of SAR (measured) = 0.330 mW/g



0 dB = 0.330mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/19

#204 CDMA2000 BC15_RC3 SO55_Right Cheek_Ch425_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_1750_120819 Medium parameters used : f = 1731.25 MHz; σ = 1.376 mho/m; ε_r = 41.172; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(8.14, 8.14, 8.14); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/19

#26 CDMA2000 BC15_RTAP 153.6_Right Cheek_Ch425_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_1750_120819 Medium parameters used : f = 1731.25 MHz; σ = 1.376 mho/m; ε_r = 41.172; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(8.14, 8.14, 8.14); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

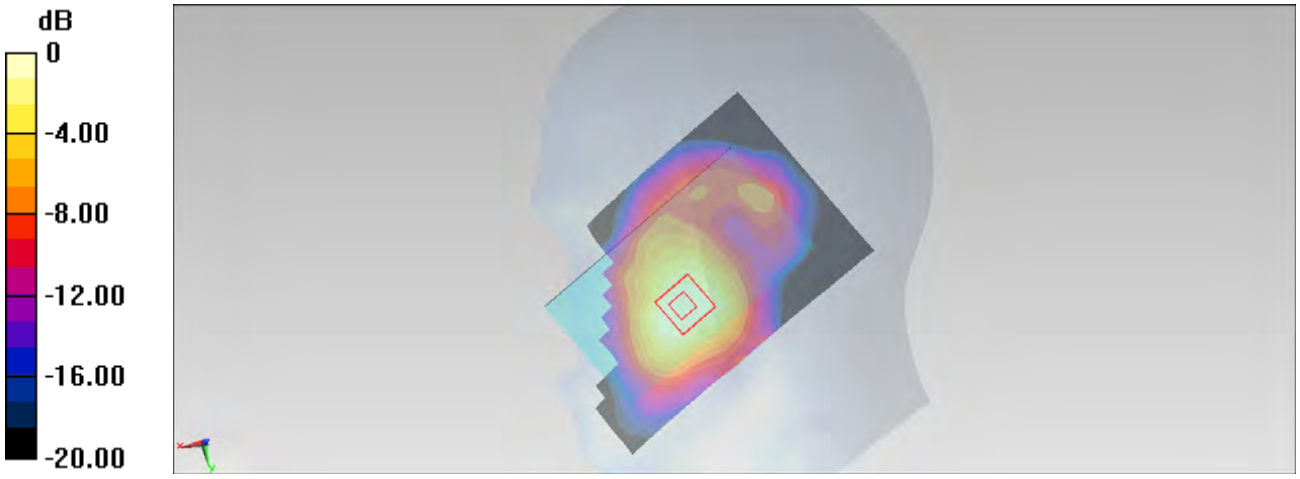
#194 802.11b_Right Cheek_1M_Ch1_volume scan

DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.769 mho/m; ε_r = 38.063; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0)

Multi Band Result:
SAR(1 g) = 1.46 mW/g; SAR(10 g) = 0.877 mW/g
Maximum value of SAR (interpolated) = 2.20 mW/g



0 dB = 2.20 mW/g = 6.85 dB mW/g

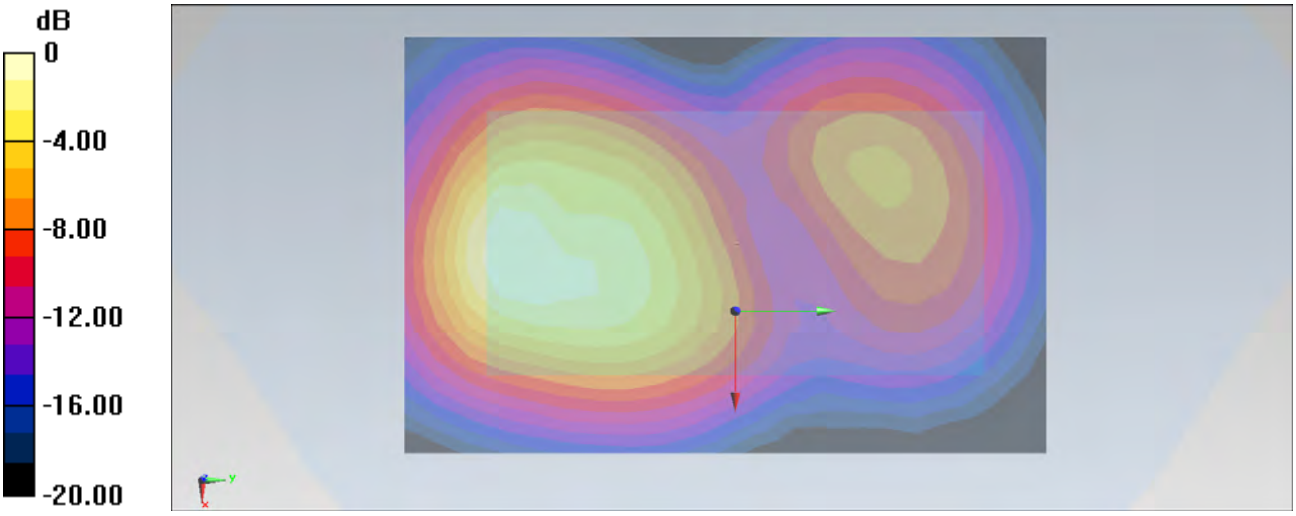
#80 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120815 Medium parameters used: f = 1851.25 MHz; σ = 1.457 mho/m; ε_r = 54.029; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.204 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 2.189 W/kg
SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.735 mW/g
Total Absorbed Power = 0.0595545 W
Maximum value of SAR (measured) = 1.376 mW/g



0 dB = 1.380mW/g

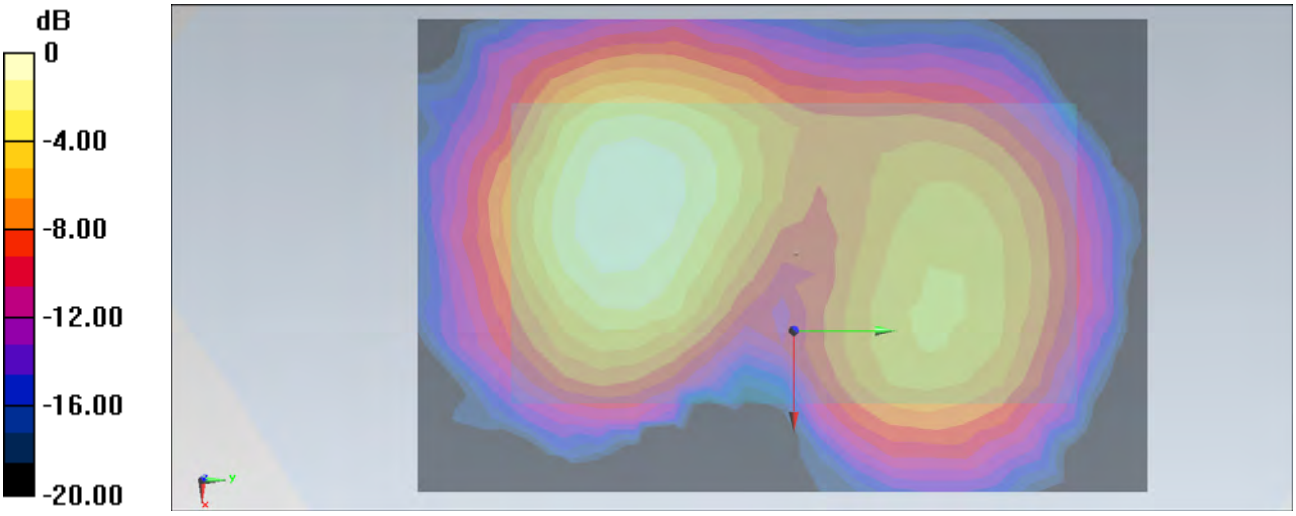
#224 CDMA2000_BC1_RTAP153.6_Back_1cm_Ch600_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120815 Medium parameters used: f = 1880 MHz; σ = 1.489 mho/m; ε_r = 53.955; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch600/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.550 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.221 W/kg
SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.085 mW/g
Total Absorbed Power = 0.00630883 W
Maximum value of SAR (measured) = 0.153 mW/g



0 dB = 0.150mW/g

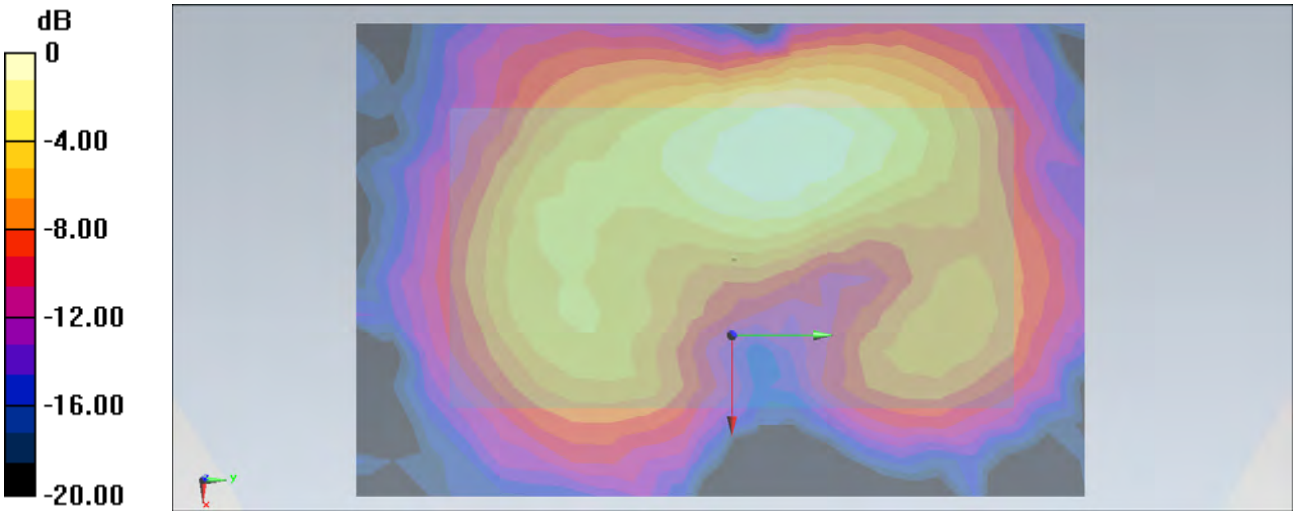
#199 802.11b_Back_1cm_1M_Ch1_volume scan

DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.569 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.281 W/kg
SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.080 mW/g
Total Absorbed Power = 0.00608541 W
Maximum value of SAR (measured) = 0.160 mW/g



0 dB = 0.160mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

#80 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1900_120815 Medium parameters used : f = 1851.25 MHz; σ = 1.457 mho/m; ε_r = 54.029; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

#224 CDMA2000_BC1_RTAP153.6_Back_1cm_Ch600_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1900_120815 Medium parameters used: f = 1880 MHz; σ = 1.489 mho/m; ε_r = 53.955; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

#199 802.11b_Back_1cm_1M_Ch1_volume scan

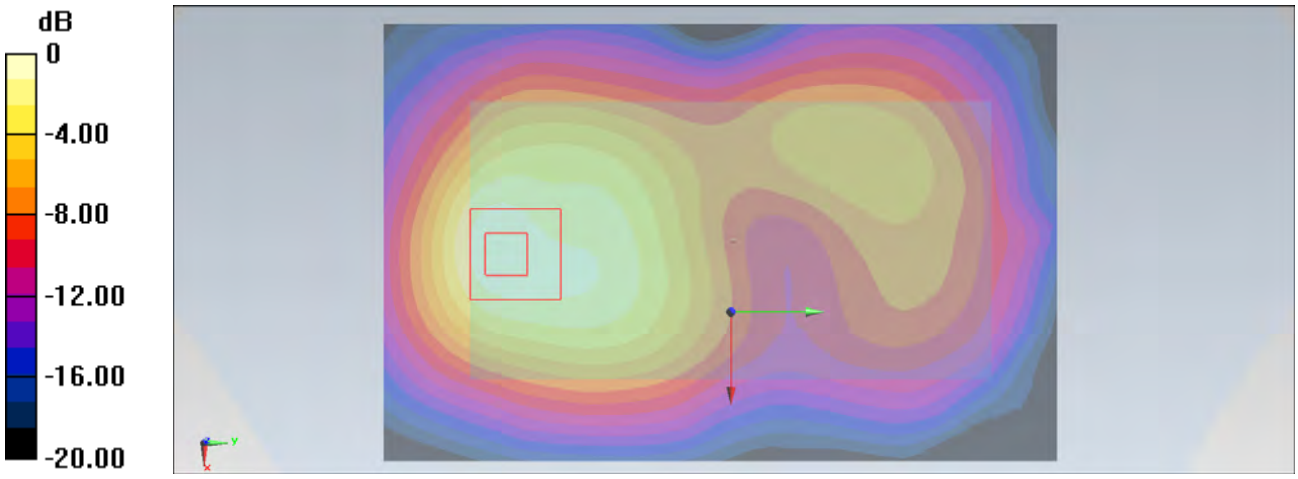
DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Multi Band Result:
SAR(1 g) = 1.42 mW/g; SAR(10 g) = 0.813 mW/g
Maximum value of SAR (interpolated) = 2.34 W/kg



0 dB = 2.34 W/kg = 7.38 dB W/kg

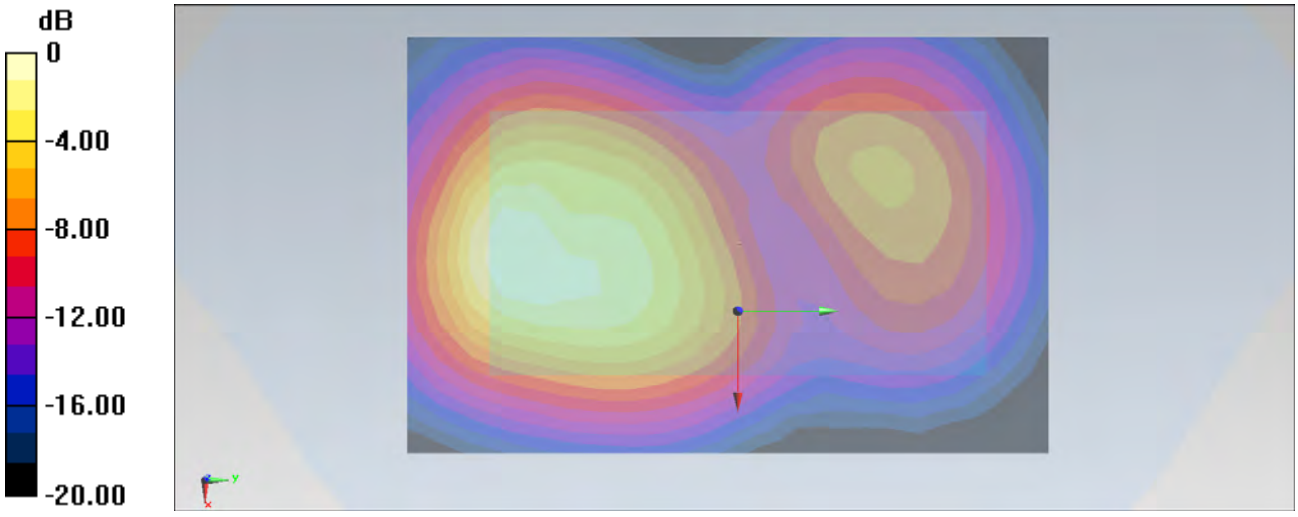
#80 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120815 Medium parameters used: f = 1851.25 MHz; σ = 1.457 mho/m; ε_r = 54.029; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.204 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 2.189 W/kg
SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.735 mW/g
Total Absorbed Power = 0.0595545 W
Maximum value of SAR (measured) = 1.376 mW/g



0 dB = 1.380mW/g

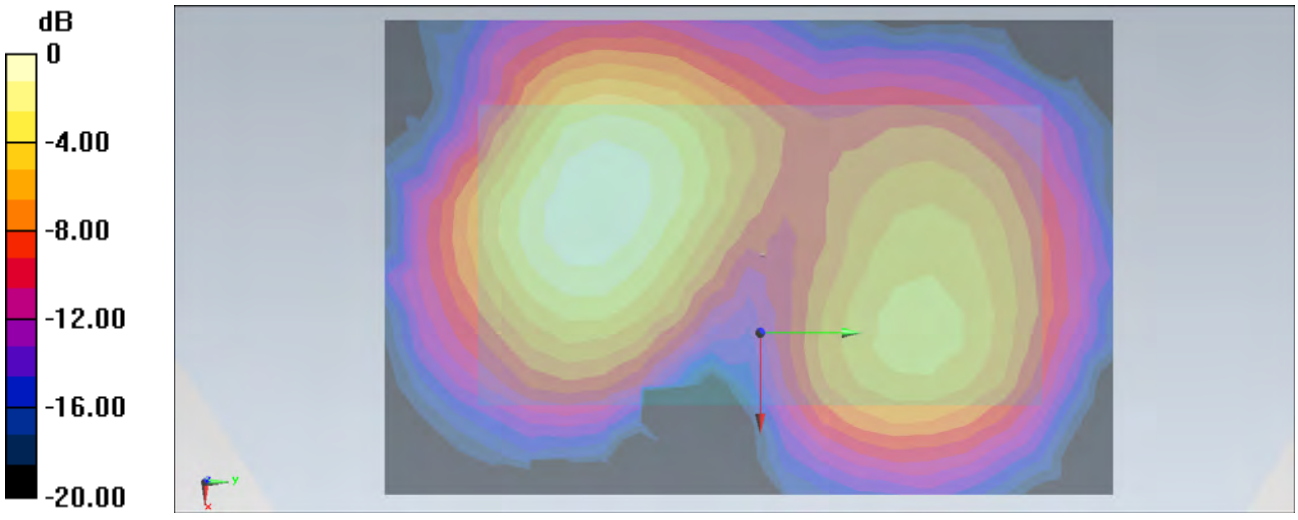
#225 CDMA2000 BC15_RTAP 153.6_Back_1cm_Ch875_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1753.75 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120816 Medium parameters used: f = 1754 MHz; σ = 1.517 mho/m; ε_r = 55.58; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch875/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.273 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.246 W/kg
SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.100 mW/g
Total Absorbed Power = 0.00786399 W
Maximum value of SAR (measured) = 0.176 mW/g



0 dB = 0.180mW/g

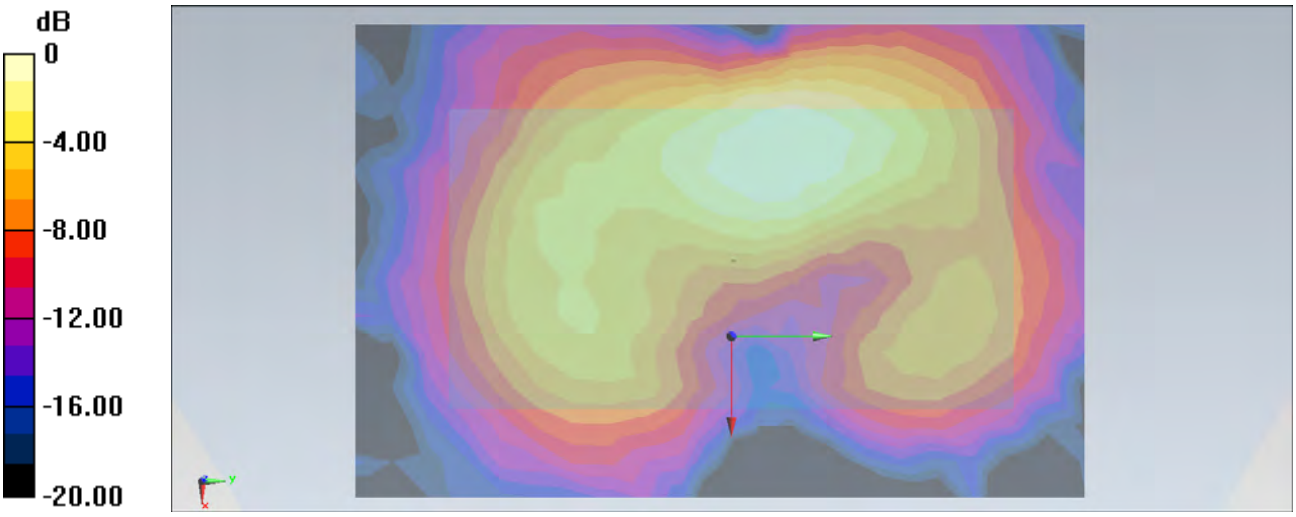
#199 802.11b_Back_1cm_1M_Ch1_volume scan

DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.569 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.281 W/kg
SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.080 mW/g
Total Absorbed Power = 0.00608541 W
Maximum value of SAR (measured) = 0.160 mW/g



0 dB = 0.160mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

#80 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1900_120815 Medium parameters used : f = 1851.25 MHz; σ = 1.457 mho/m; ε_r = 54.029; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/16

#225 CDMA2000 BC15_RTAP 153.6_Back_1cm_Ch875_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1750_120816 Medium parameters used: f = 1754 MHz; σ = 1.517 mho/m; ε_r = 55.58; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

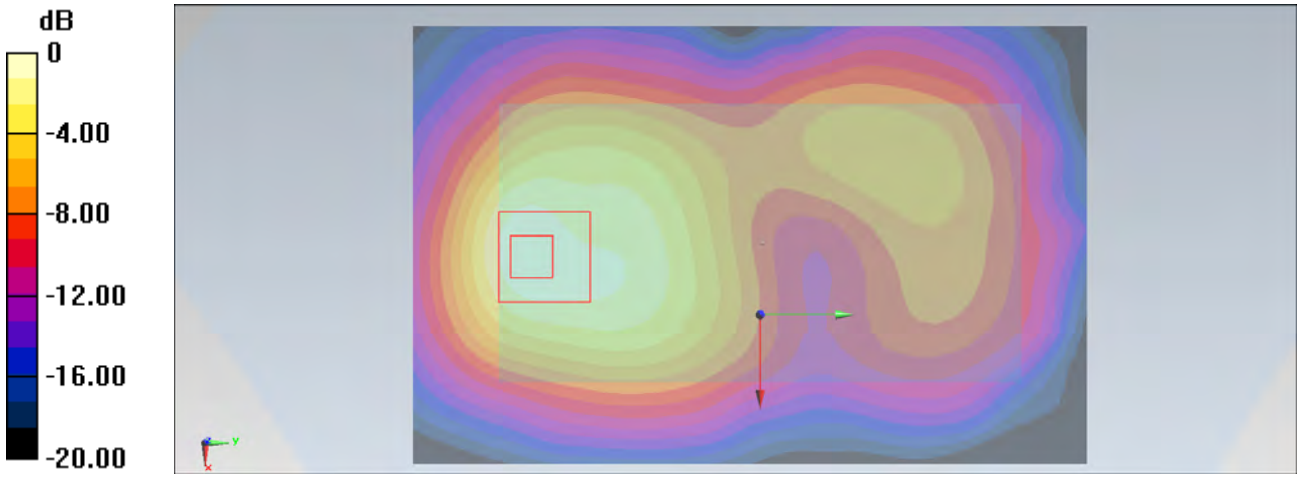
#199 802.11b_Back_1cm_1M_Ch1_volume scan

DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Multi Band Result:
SAR(1 g) = 1.42 mW/g; SAR(10 g) = 0.816 mW/g
Maximum value of SAR (interpolated) = 2.34 mW/g



0 dB = 2.34 mW/g = 7.38 dB mW/g

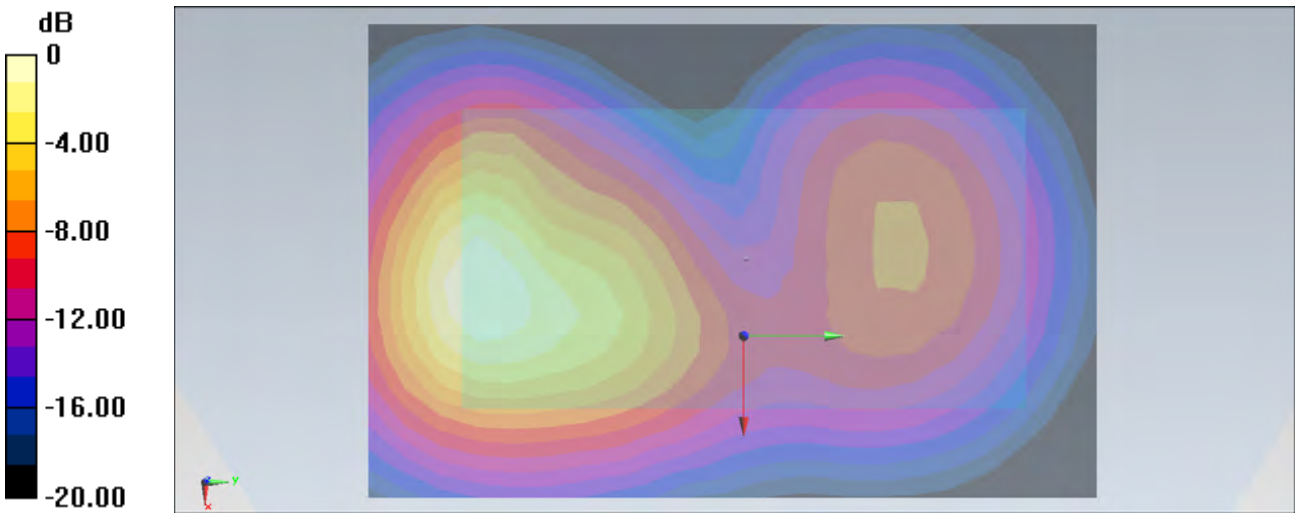
#181 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch25_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1711.25 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120816 Medium parameters used: f = 1711.25 MHz; σ = 1.47 mho/m; ε_r = 55.651; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.256 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 2.082 W/kg
SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.759 mW/g
Total Absorbed Power = 0.0522224 W
Maximum value of SAR (measured) = 1.428 mW/g



0 dB = 1.430mW/g

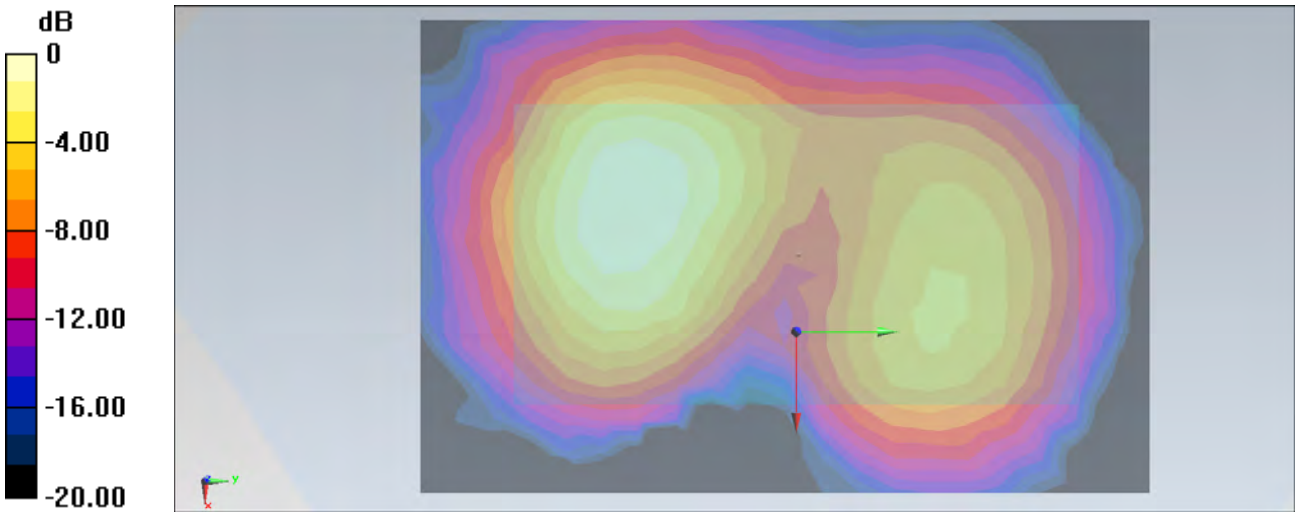
#224 CDMA2000_BC1_RTAP153.6_Back_1cm_Ch600_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120815 Medium parameters used: f = 1880 MHz; σ = 1.489 mho/m; ε_r = 53.955; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch600/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.550 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.221 W/kg
SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.085 mW/g
Total Absorbed Power = 0.00630883 W
Maximum value of SAR (measured) = 0.153 mW/g



0 dB = 0.150mW/g

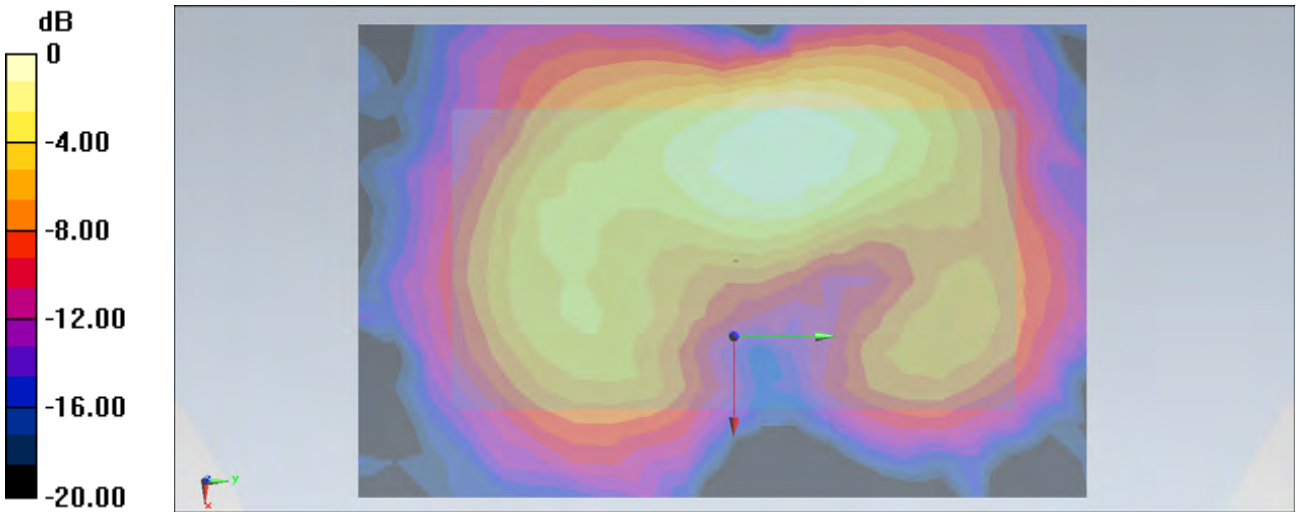
#199 802.11b_Back_1cm_1M_Ch1_volume scan

DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.569 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.281 W/kg
SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.080 mW/g
Total Absorbed Power = 0.00608541 W
Maximum value of SAR (measured) = 0.160 mW/g



0 dB = 0.160mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/16

#181 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch25_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1750_120816 Medium parameters used : f = 1711.25 MHz; σ = 1.47 mho/m; ε_r = 55.651; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

#224 CDMA2000_BC1_RTAP153.6_Back_1cm_Ch600_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1900_120815 Medium parameters used: f = 1880 MHz; σ = 1.489 mho/m; ε_r = 53.955; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

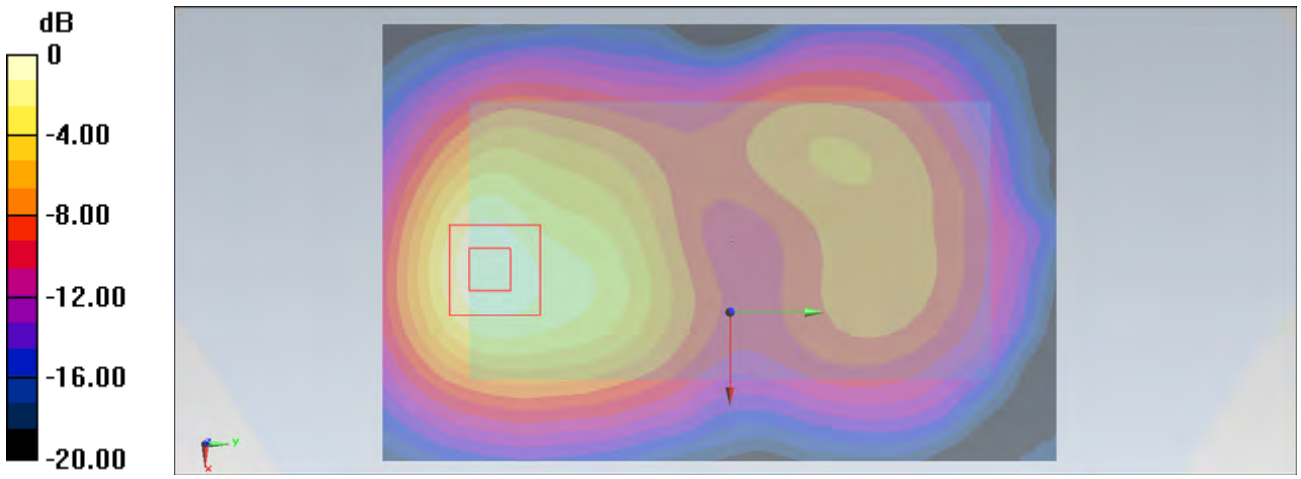
#199 802.11b_Back_1cm_1M_Ch1_volume scan

DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Multi Band Result:
SAR(1 g) = 1.56 mW/g; SAR(10 g) = 0.912 mW/g
Maximum value of SAR (interpolated) = 2.44 mW/g



0 dB = 2.44 mW/g = 7.75 dB mW/g

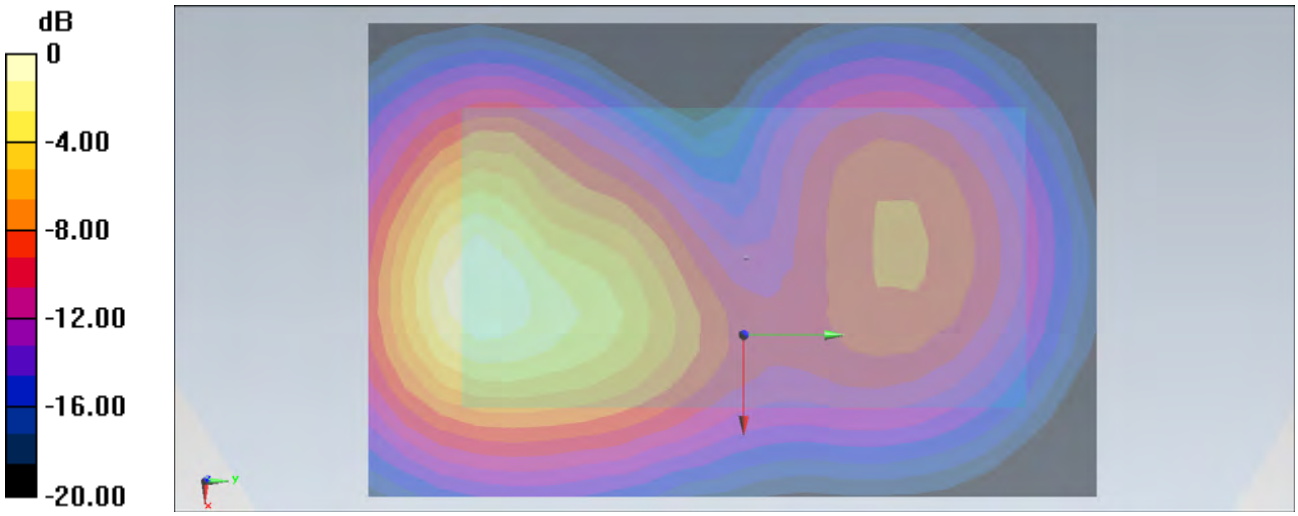
#181 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch25_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1711.25 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120816 Medium parameters used: f = 1711.25 MHz; σ = 1.47 mho/m; ε_r = 55.651; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.256 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 2.082 W/kg
SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.759 mW/g
Total Absorbed Power = 0.0522224 W
Maximum value of SAR (measured) = 1.428 mW/g



0 dB = 1.430mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012-8-16

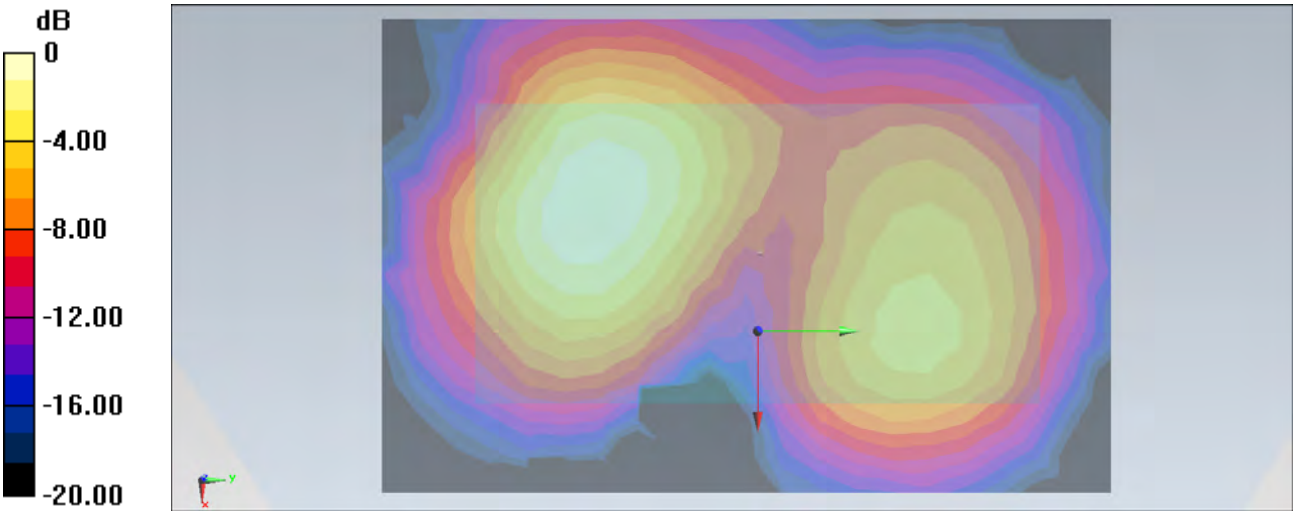
#225 CDMA2000 BC15_RTAP 153.6_Back_1cm_Ch875_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1753.75 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120816 Medium parameters used: f = 1754 MHz; σ = 1.517 mho/m; ε_r = 55.58; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch875/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.273 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.246 W/kg
SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.100 mW/g
Total Absorbed Power = 0.00786399 W
Maximum value of SAR (measured) = 0.176 mW/g



0 dB = 0.180mW/g

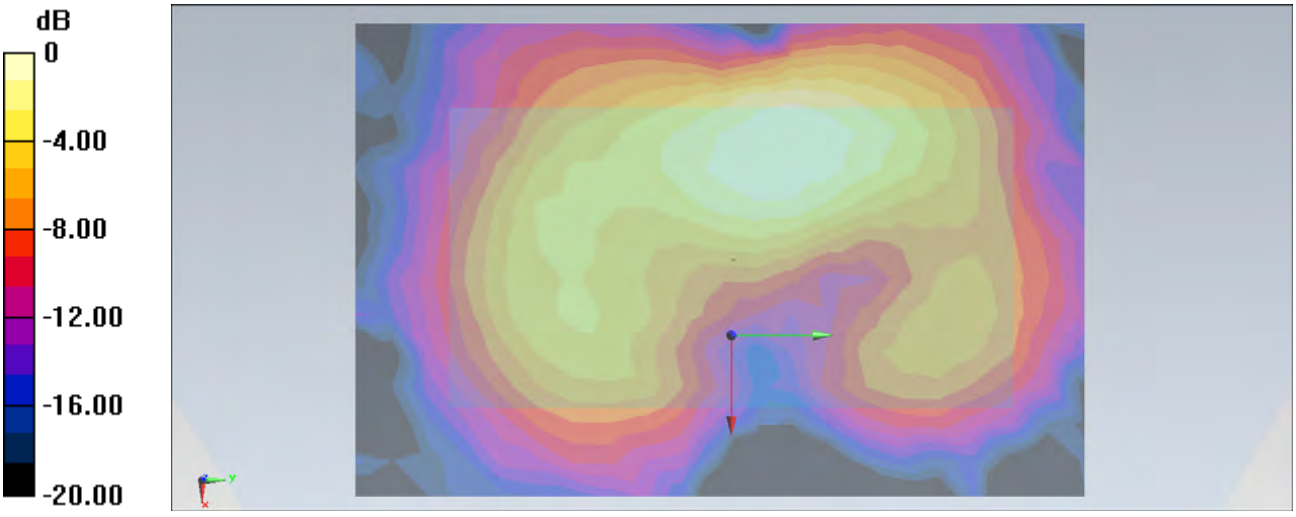
#199 802.11b_Back_1cm_1M_Ch1_volume scan

DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.569 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.281 W/kg
SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.080 mW/g
Total Absorbed Power = 0.00608541 W
Maximum value of SAR (measured) = 0.160 mW/g



0 dB = 0.160mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/16

#181 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch25_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1750_120816 Medium parameters used: f = 1711.25 MHz; σ = 1.47 mho/m; ε_r = 55.651; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/16

#225 CDMA2000 BC15_RTAP 153.6_Back_1cm_Ch875_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1750_120816 Medium parameters used: f = 1754 MHz; σ = 1.517 mho/m; ε_r = 55.58; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

#199 802.11b_Back_1cm_1M_Ch1_volume scan

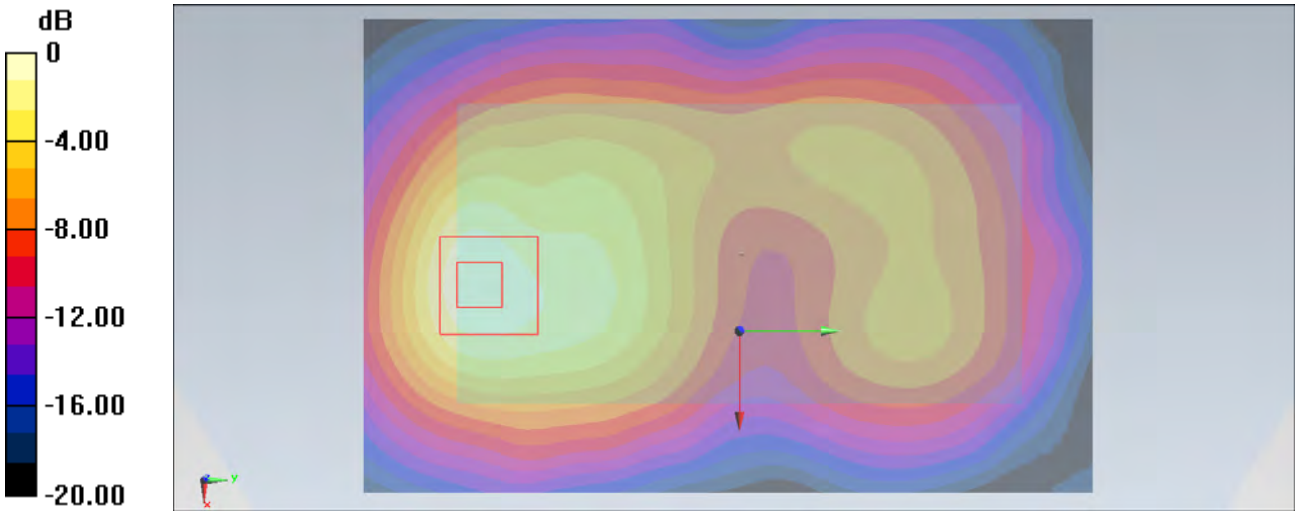
DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18

- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Multi Band Result:
SAR(1 g) = 1.56 mW/g; SAR(10 g) = 0.915 mW/g
Maximum value of SAR (interpolated) = 2.44 W/kg



0 dB = 2.44 W/kg = 7.75 dB W/kg

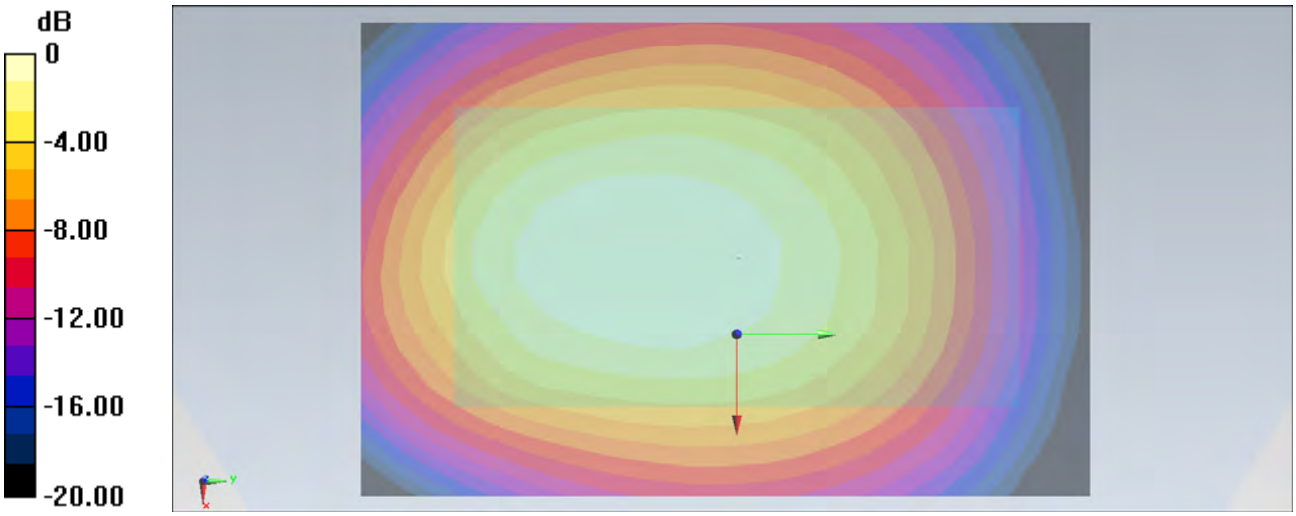
#103 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch1013_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_120820 Medium parameters used: f = 825 MHz; σ = 0.965 mho/m; ε_r = 54.317; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1013/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.436 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.332 W/kg
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.787 mW/g
Total Absorbed Power = 0.109721 W
Maximum value of SAR (measured) = 1.107 mW/g



0 dB = 1.110mW/g

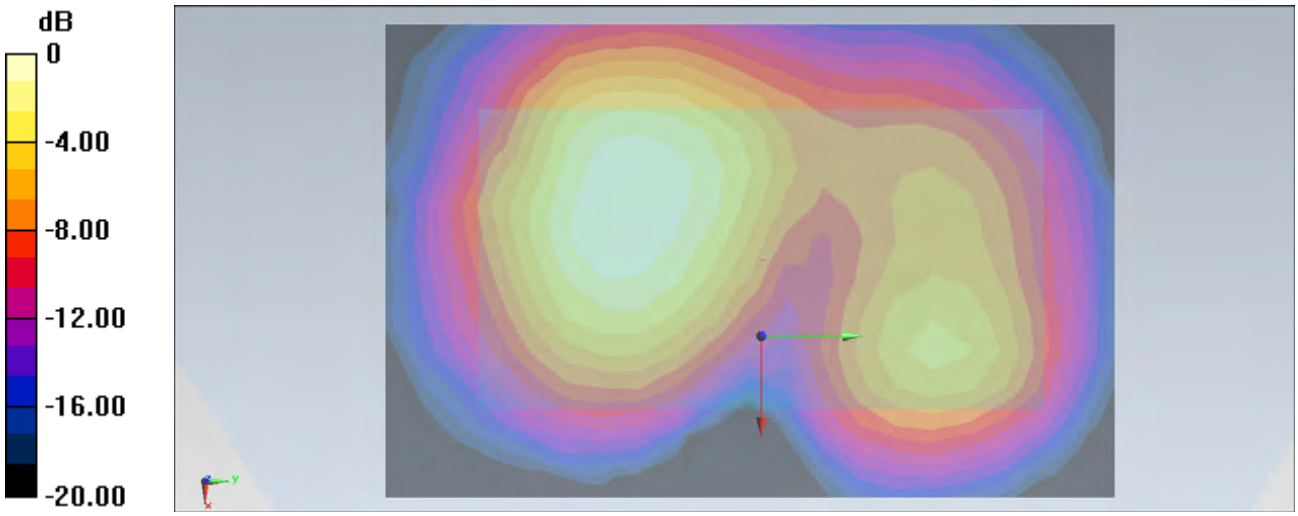
#226 LTE Band 2_QPSK(1 0)_20M_Back_1cm_Ch18900_volume scan

DUT: 271302

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120815 Medium parameters used: f = 1880 MHz; σ = 1.489 mho/m; ε_r = 53.955; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.264 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.582 W/kg
SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.227 mW/g
Total Absorbed Power = 0.0178126 W
Maximum value of SAR (measured) = 0.395 mW/g



0 dB = 0.390mW/g

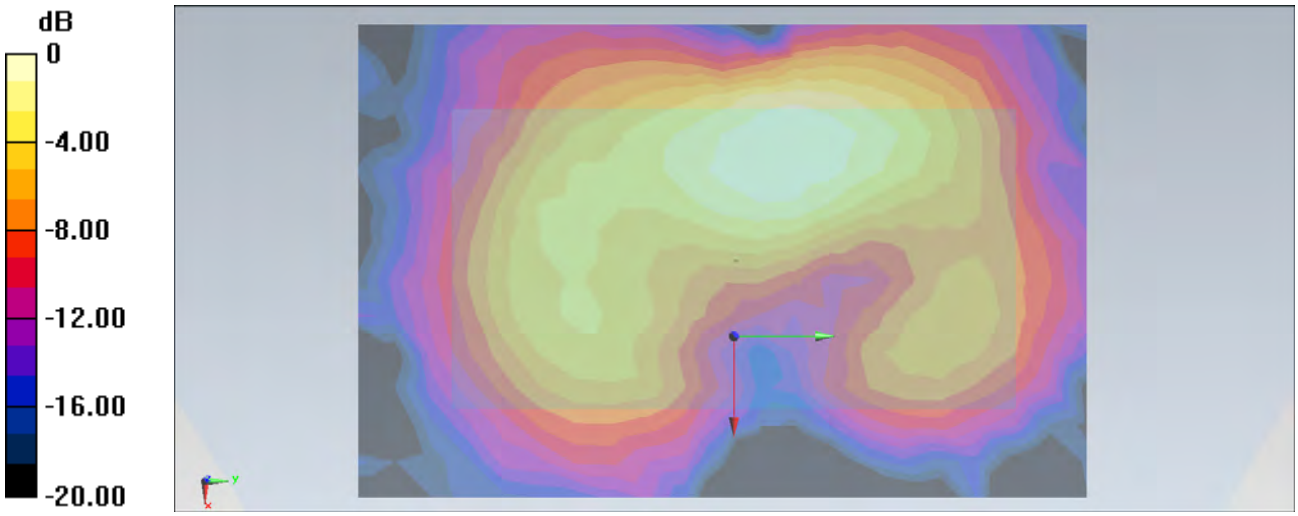
#199 802.11b_Back_1cm_1M_Ch1_volume scan

DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.569 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.281 W/kg
SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.080 mW/g
Total Absorbed Power = 0.00608541 W
Maximum value of SAR (measured) = 0.160 mW/g



0 dB = 0.160mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/20

#103 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch1013_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_835_120820 Medium parameters used: f = 825 MHz; σ = 0.965 mho/m; ε_r = 54.317; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012/6/20;
- ¿ Sensor-Surface: 4mm (Mechanical Surface Detection)
- ¿ Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- ¿ Phantom: SAM1; Type: SAM; Serial: TP-1479
- ¿ Measurement SW: DASY52, Version 52.8 (2)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

#226 LTE Band 2_QPSK(1 0)_20M_Back_1cm_Ch18900_volume scan

DUT: 271302

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1900_120815 Medium parameters used: f = 1880 MHz; σ = 1.489 mho/m; ε_r = 53.955; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012/6/20;
- ¿ Sensor-Surface: 4mm (Mechanical Surface Detection)
- ¿ Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- ¿ Phantom: SAM1; Type: SAM; Serial: TP-1479
- ¿ Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

#199 802.11b_Back_1cm_1M_Ch1_volume scan

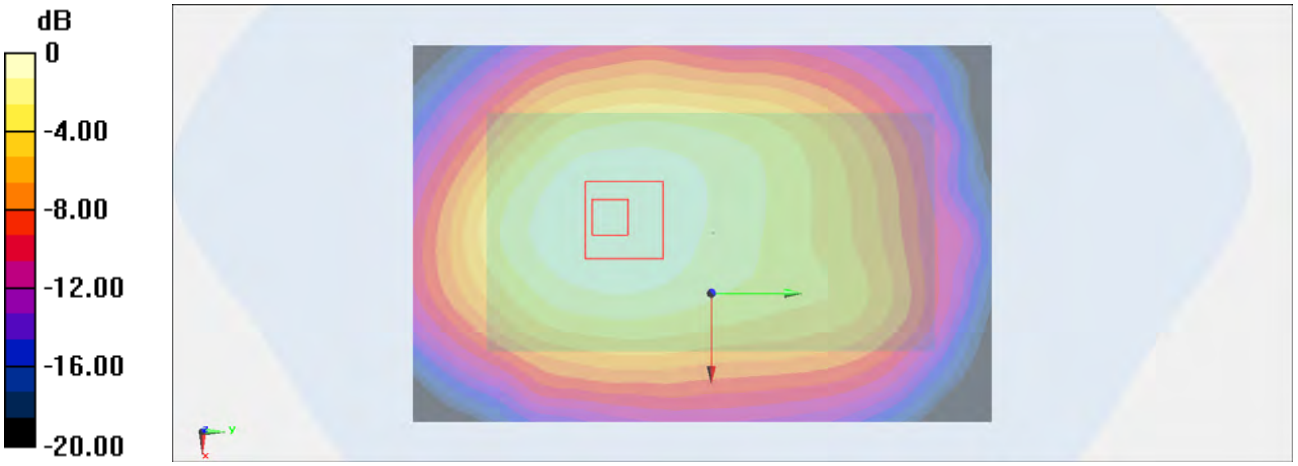
DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012/6/20;
- ¿ Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Multi Band Result:
SAR(1 g) = 1.54 mW/g; SAR(10 g) = 1.1 mW/g
Maximum value of SAR (interpolated) = 2.06 W/kg



0 dB = 2.06 W/kg = 6.28 dB W/kg

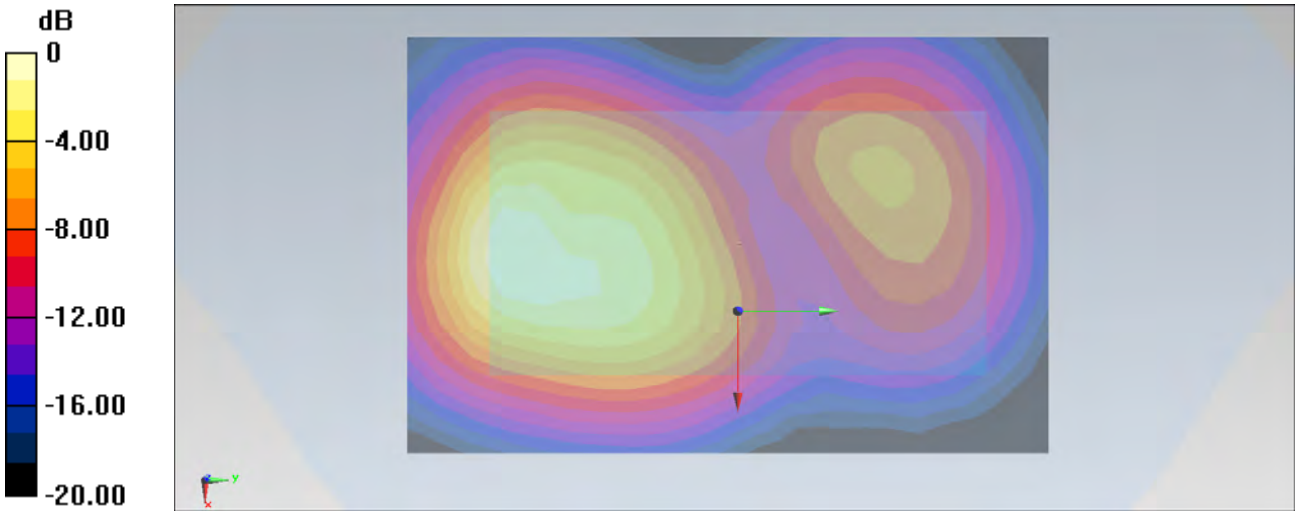
#80 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120815 Medium parameters used: f = 1851.25 MHz; σ = 1.457 mho/m; ε_r = 54.029; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.204 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 2.189 W/kg
SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.735 mW/g
Total Absorbed Power = 0.0595545 W
Maximum value of SAR (measured) = 1.376 mW/g



0 dB = 1.380mW/g

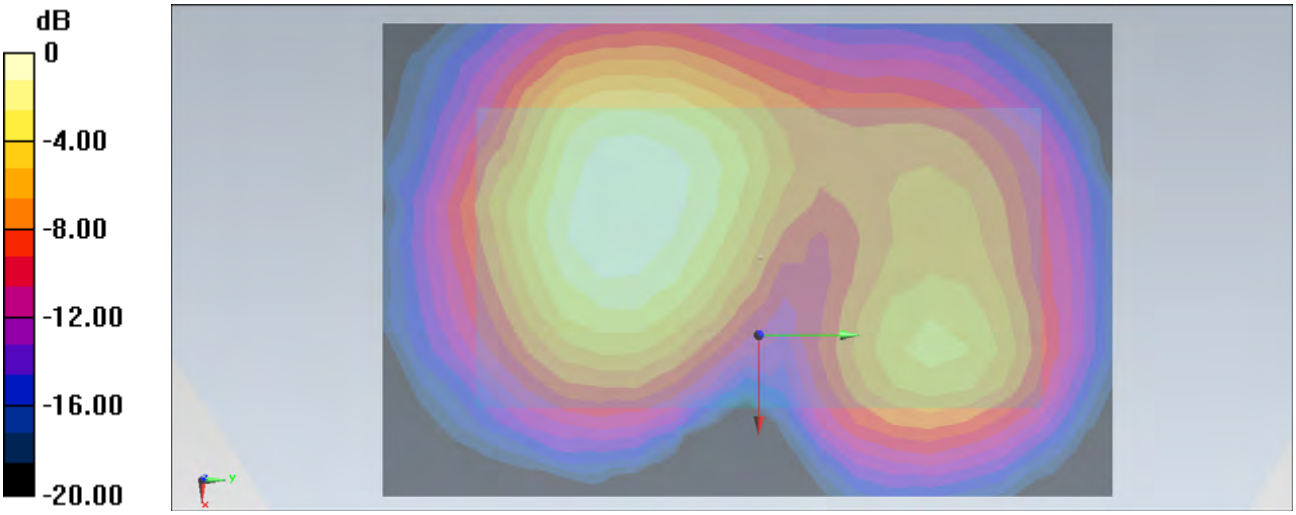
#226 LTE Band 2_QPSK(1 0)_20M_Back_1cm_Ch18900_volume scan

DUT: 271302

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120815 Medium parameters used: f = 1880 MHz; σ = 1.489 mho/m; ε_r = 53.955; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.264 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.582 W/kg
SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.227 mW/g
Total Absorbed Power = 0.0178126 W
Maximum value of SAR (measured) = 0.395 mW/g



0 dB = 0.390mW/g

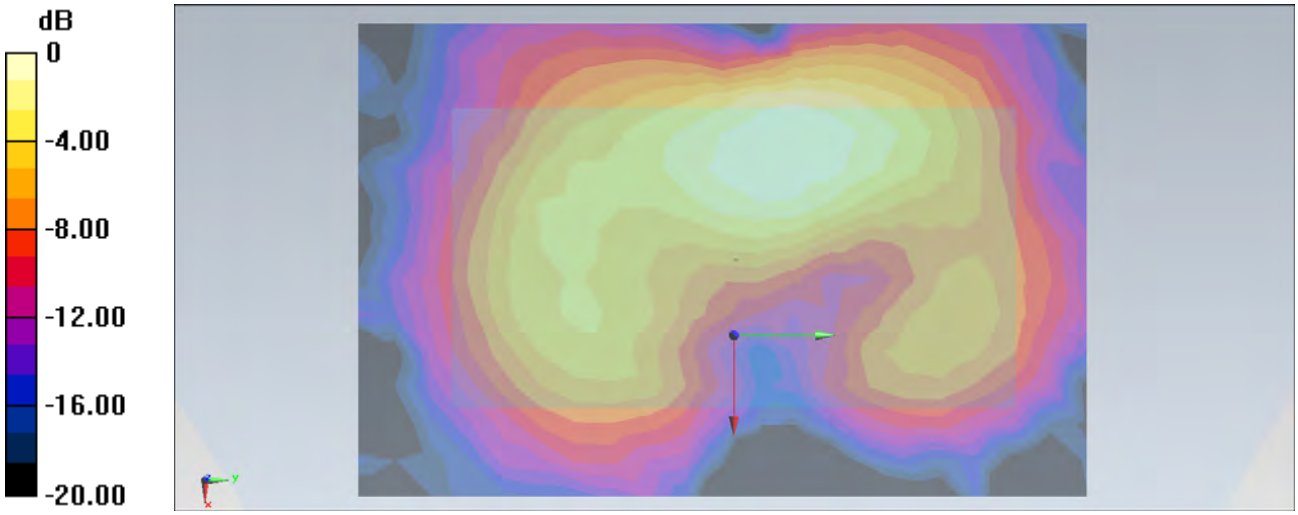
#199 802.11b_Back_1cm_1M_Ch1_volume scan

DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.569 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.281 W/kg
SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.080 mW/g
Total Absorbed Power = 0.00608541 W
Maximum value of SAR (measured) = 0.160 mW/g



0 dB = 0.160mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

#80 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1900_120815 Medium parameters used: f = 1851.25 MHz; σ = 1.457 mho/m; ε_r = 54.029; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

#226 LTE Band 2_QPSK(1 0)_20M_Back_1cm_Ch18900_volume scan

DUT: 271302

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1900_120815 Medium parameters used: f = 1880 MHz; σ = 1.489 mho/m; ε_r = 53.955; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

#199 802.11b_Back_1cm_1M_Ch1_volume scan

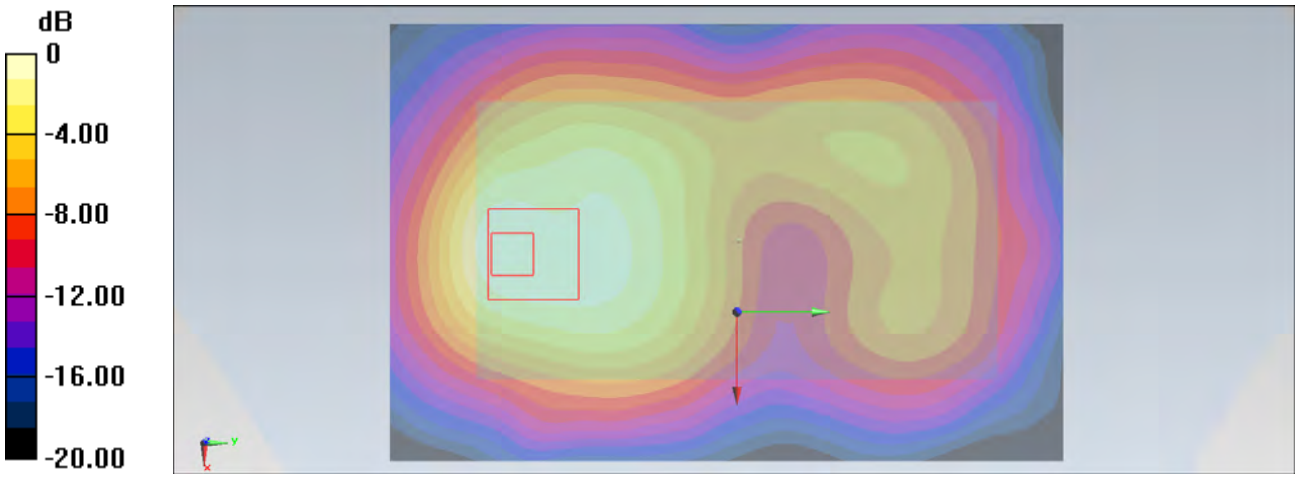
DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18

- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Multi Band Result:
SAR(1 g) = 1.45 mW/g; SAR(10 g) = 0.847 mW/g
Maximum value of SAR (interpolated) = 2.37 W/kg



0 dB = 2.37 W/kg = 7.49 dB W/kg

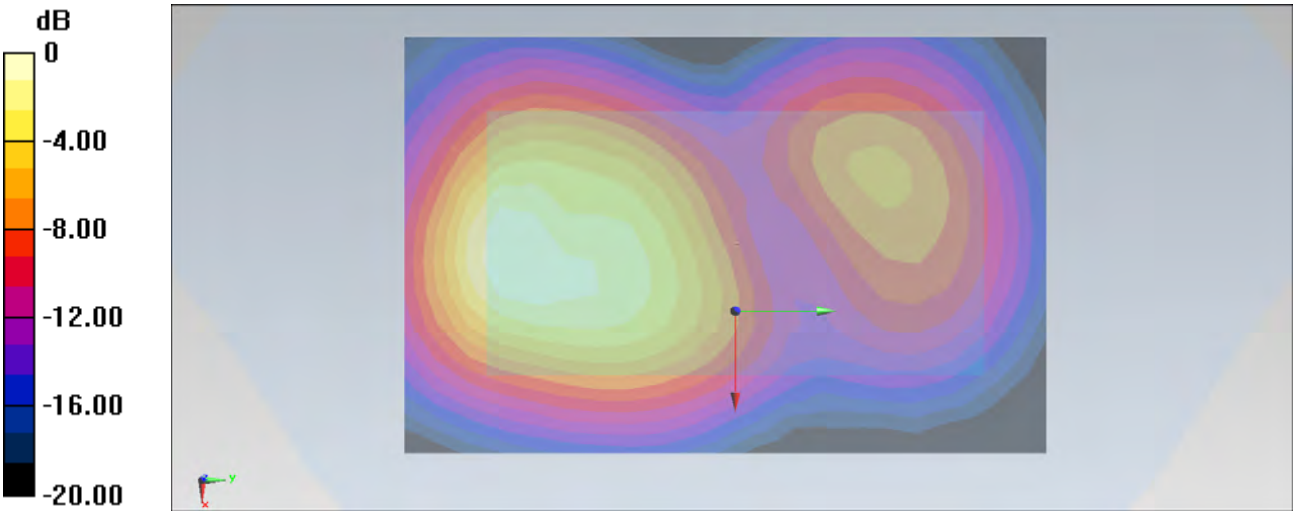
#80 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120815 Medium parameters used: f = 1851.25 MHz; σ = 1.457 mho/m; ε_r = 54.029; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.204 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 2.189 W/kg
SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.735 mW/g
Total Absorbed Power = 0.0595545 W
Maximum value of SAR (measured) = 1.376 mW/g



0 dB = 1.380mW/g

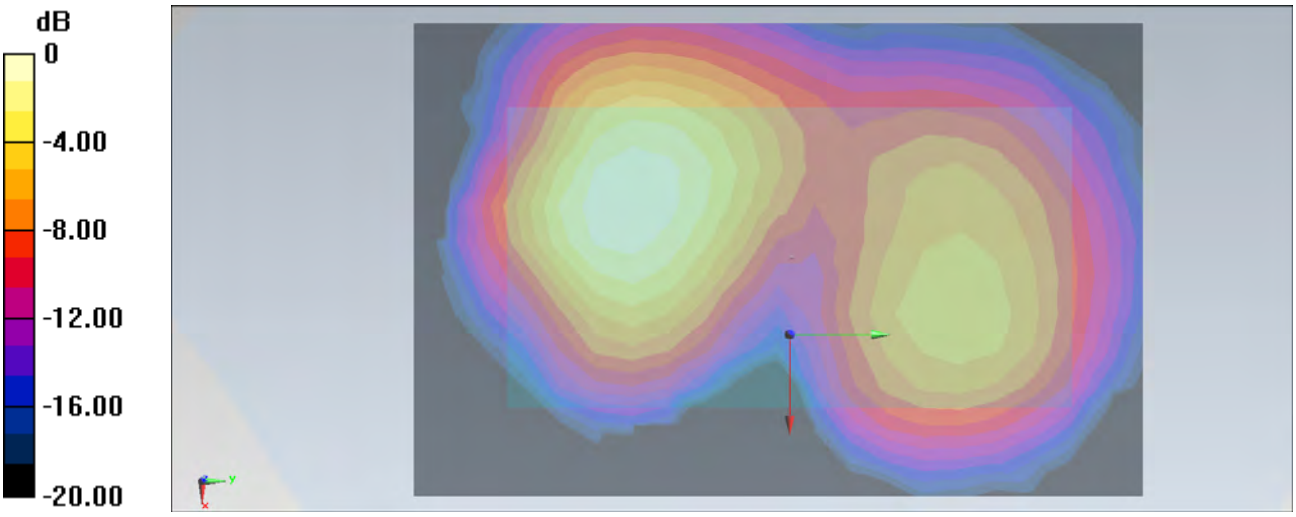
#227 LTE Band 4_QPSK(1 0)_20M_Back_1cm_Ch20175_volume scan

DUT: 271302

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120818 Medium parameters used: f = 1732.5 MHz; σ = 1.493 mho/m; ε_r = 55.614; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.494 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.272 W/kg
SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.105 mW/g
Total Absorbed Power = 0.00709965 W
Maximum value of SAR (measured) = 0.191 mW/g



0 dB = 0.190mW/g

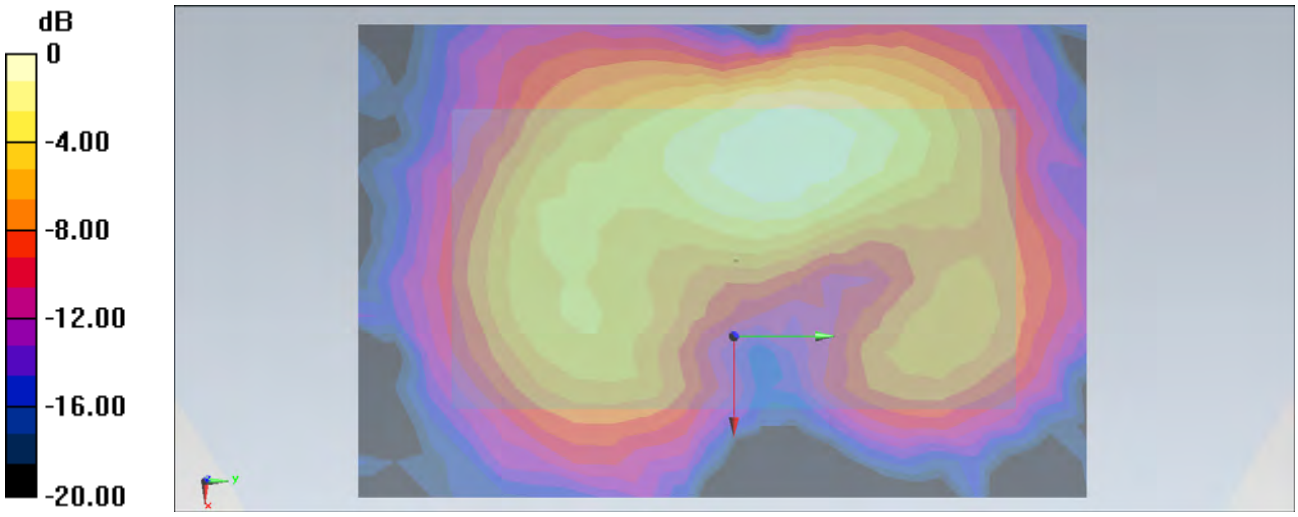
#199 802.11b_Back_1cm_1M_Ch1_volume scan

DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.569 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.281 W/kg
SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.080 mW/g
Total Absorbed Power = 0.00608541 W
Maximum value of SAR (measured) = 0.160 mW/g



0 dB = 0.160mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

#80 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1900_120815 Medium parameters used: f = 1851.25 MHz; σ = 1.457 mho/m; ε_r = 54.029; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/18

#227 LTE Band 4_QPSK(1 0)_20M_Back_1cm_Ch20175_volume scan

DUT: 271302

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1750_120818 Medium parameters used: f = 1732.5 MHz; σ = 1.493 mho/m; ε_r = 55.614; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

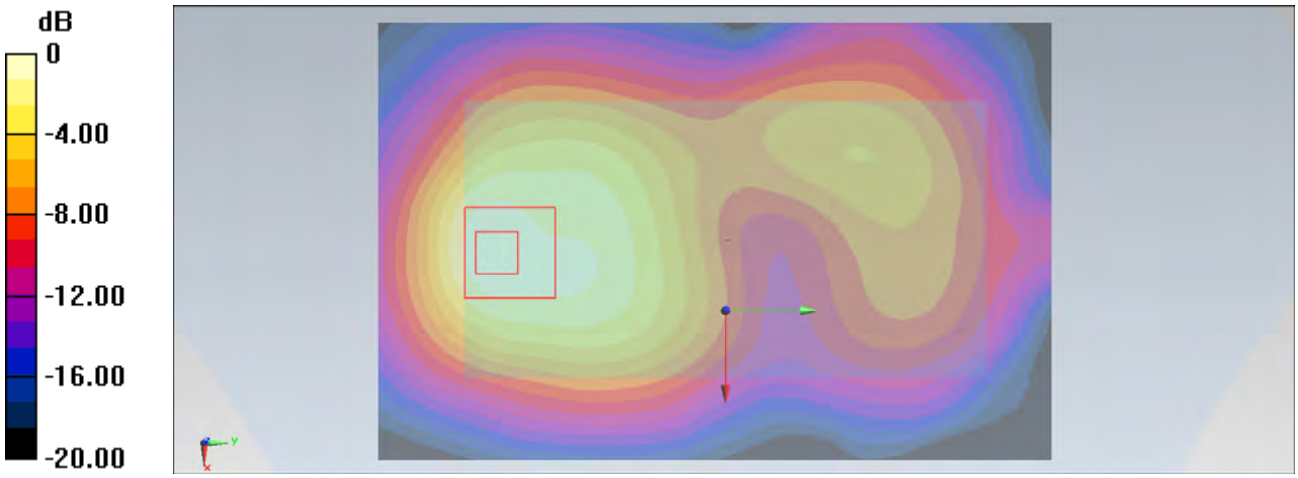
#199 802.11b_Back_1cm_1M_Ch1_volume scan

DUT: 271302
Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477

¿ Measurement SW: DASY52, Version 52.8 (0)

Multi Band Result:
SAR(1 g) = 1.4 mW/g; SAR(10 g) = 0.804 mW/g
Maximum value of SAR (interpolated) = 2.30 W/kg



0 dB = 2.30 W/kg = 7.23 dB W/kg

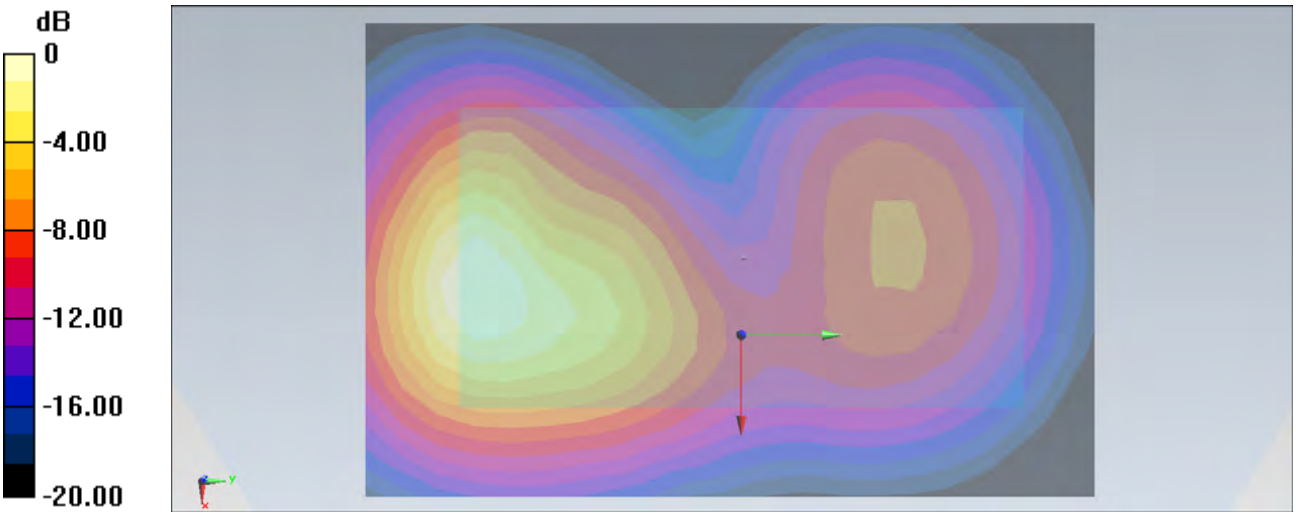
#181 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch25_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1711.25 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120816 Medium parameters used: f = 1711.25 MHz; σ = 1.47 mho/m; ε_r = 55.651; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.256 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 2.082 W/kg
SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.759 mW/g
Total Absorbed Power = 0.0522224 W
Maximum value of SAR (measured) = 1.428 mW/g



0 dB = 1.430mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012-8-15

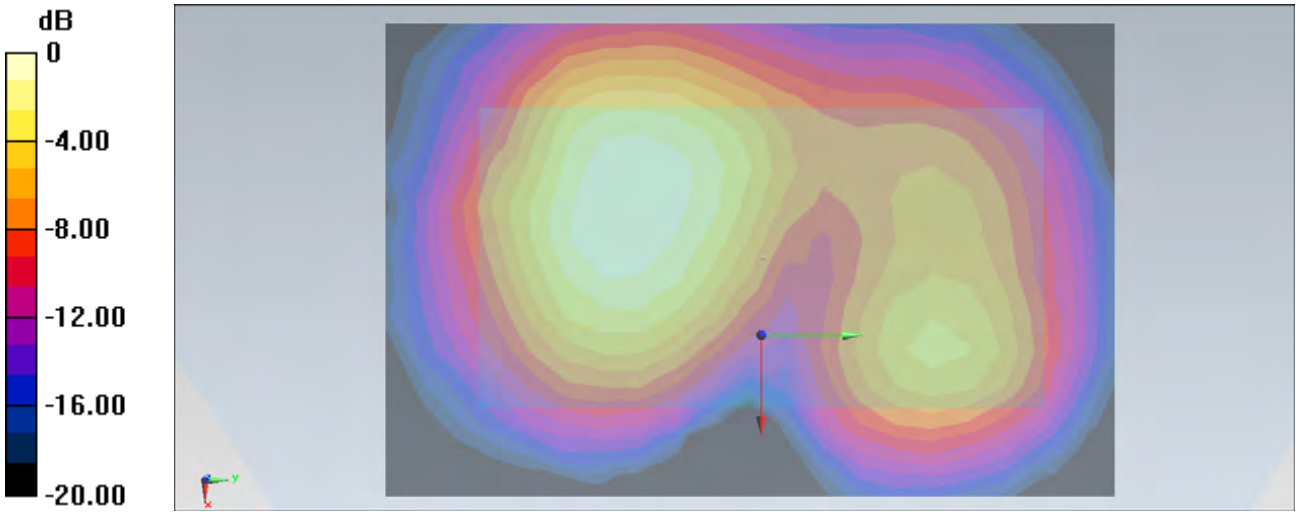
#226 LTE Band 2_QPSK(1 0)_20M_Back_1cm_Ch18900_volume scan

DUT: 271302

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120815 Medium parameters used: f = 1880 MHz; σ = 1.489 mho/m; ε_r = 53.955; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.264 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.582 W/kg
SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.227 mW/g
Total Absorbed Power = 0.0178126 W
Maximum value of SAR (measured) = 0.395 mW/g



0 dB = 0.390mW/g

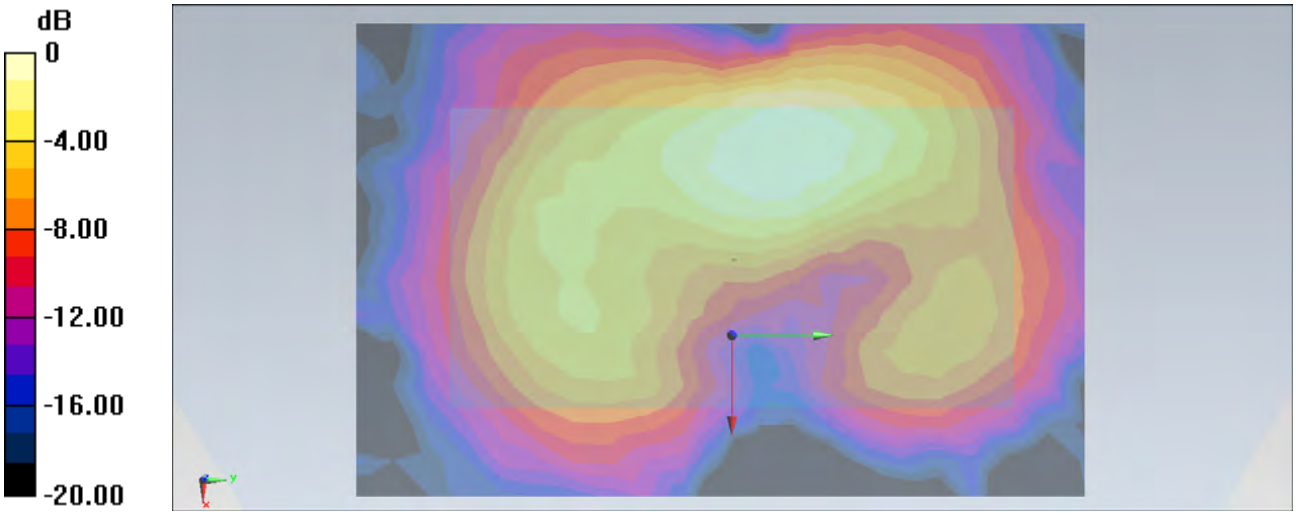
#199 802.11b_Back_1cm_1M_Ch1_volume scan

DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.569 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.281 W/kg
SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.080 mW/g
Total Absorbed Power = 0.00608541 W
Maximum value of SAR (measured) = 0.160 mW/g



0 dB = 0.160mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/16

#181 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch25_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1750_120816 Medium parameters used : f = 1711.25 MHz; σ = 1.47mho/m; εr = 55.651; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012/6/20;
- ¿ Sensor-Surface: 4mm (Mechanical Surface Detection)
- ¿ Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- ¿ Phantom: SAM2; Type: SAM; Serial: TP-1477
- ¿ Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

226 LTE Band 2_QPSK(1 0)_20M_Back_1cm_Ch18900_volume scan

DUT: 271302

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1900_120815 Medium parameters used: f = 1880 MHz; σ = 1.489 mho/m; ε_r = 53.955; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012/6/20;
- ¿ Sensor-Surface: 4mm (Mechanical Surface Detection)
- ¿ Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- ¿ Phantom: SAM1; Type: SAM; Serial: TP-1479
- ¿ Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

#199 802.11b_Back_1cm_1M_Ch1_volume scan

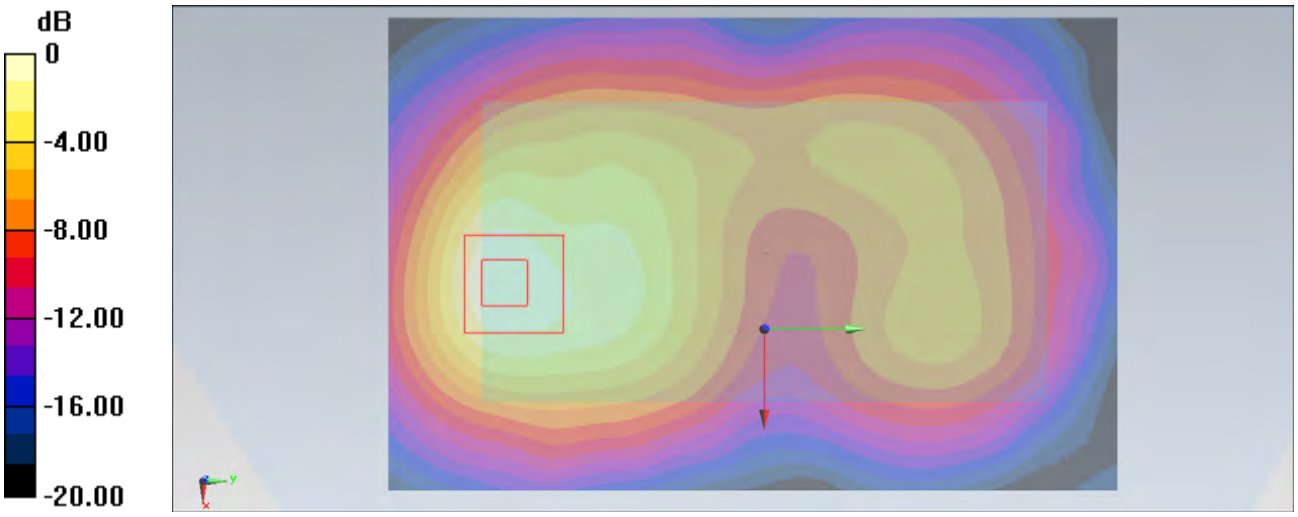
DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012/6/20;
- ¿ Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Multi Band Result:
SAR(1 g) = 1.58 mW/g; SAR(10 g) = 0.931 mW/g
Maximum value of SAR (interpolated) = 2.46 W/kg



0 dB = 2.46 W/kg = 7.82 dB W/kg

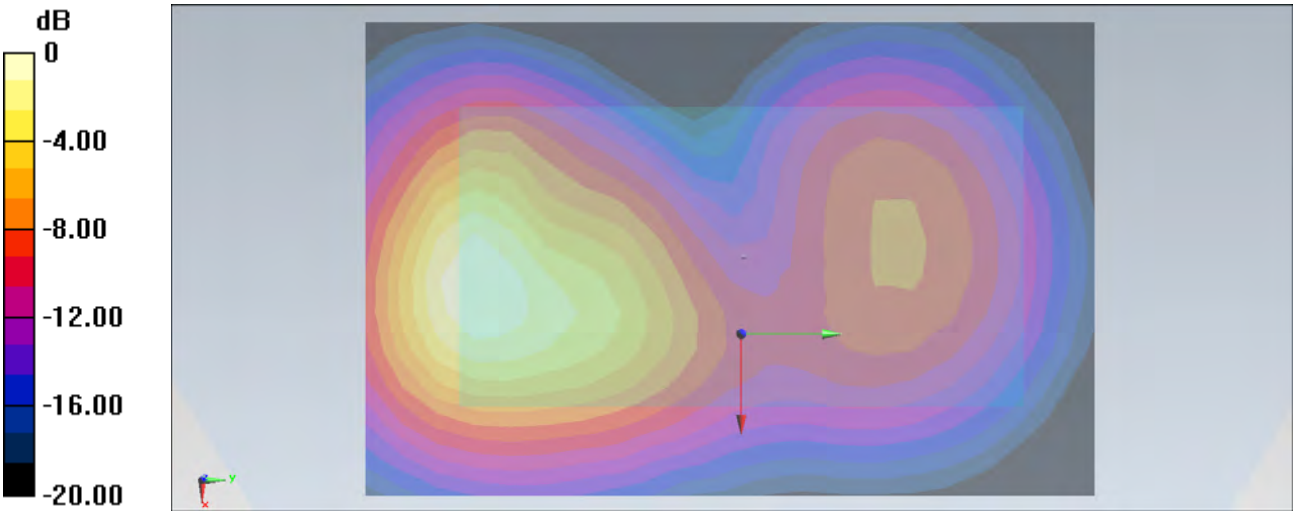
#181 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch25_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1711.25 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120816 Medium parameters used: f = 1711.25 MHz; σ = 1.47 mho/m; ε_r = 55.651; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.256 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 2.082 W/kg
SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.759 mW/g
Total Absorbed Power = 0.0522224 W
Maximum value of SAR (measured) = 1.428 mW/g



0 dB = 1.430mW/g

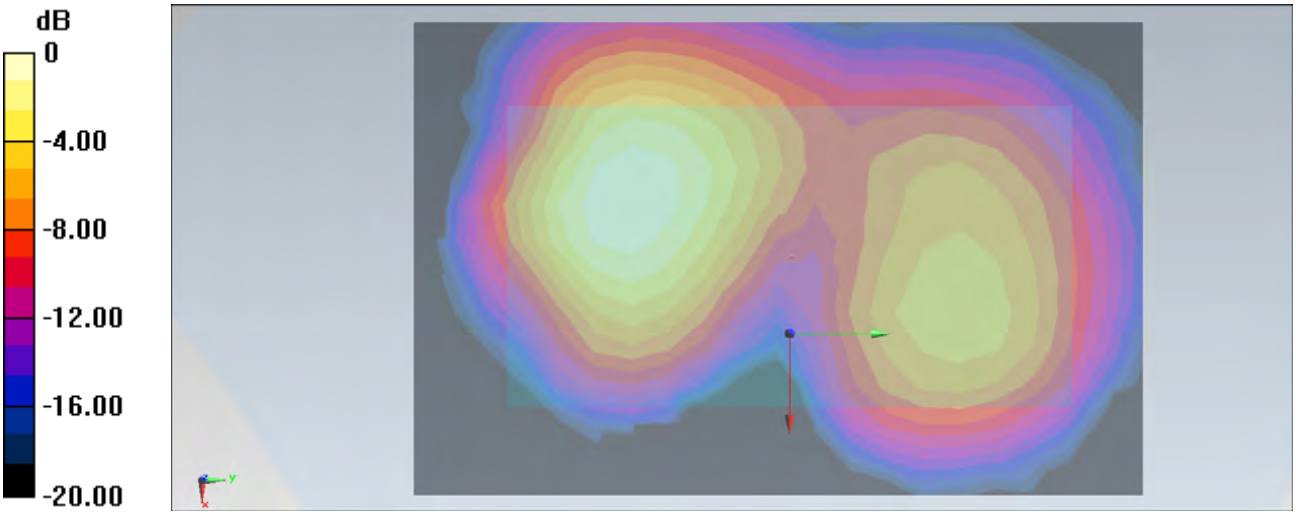
#227 LTE Band 4_QPSK(1 0)_20M_Back_1cm_Ch20175_volume scan

DUT: 271302

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120818 Medium parameters used: f = 1732.5 MHz; σ = 1.493 mho/m; ε_r = 55.614; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.494 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.272 W/kg
SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.105 mW/g
Total Absorbed Power = 0.00709965 W
Maximum value of SAR (measured) = 0.191 mW/g



0 dB = 0.190mW/g

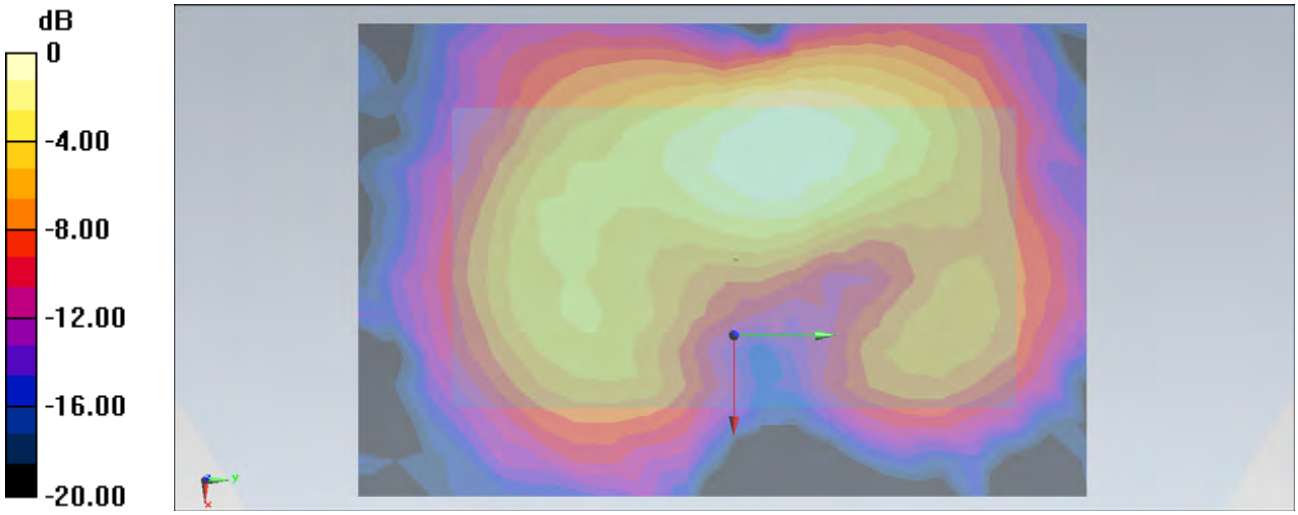
#199 802.11b_Back_1cm_1M_Ch1_volume scan

DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.569 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.281 W/kg
SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.080 mW/g
Total Absorbed Power = 0.00608541 W
Maximum value of SAR (measured) = 0.160 mW/g



0 dB = 0.160mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/16

#181 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch25_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1750_120816 Medium parameters used : f = 1711.25 MHz; σ = 1.47 mho/m; ε_r = 55.651; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/18

#227 LTE Band 4_QPSK(1 0)_20M_Back_1cm_Ch20175_volume scan

DUT: 271302

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1750_120818 Medium parameters used : f = 1732.5 MHz; σ = 1.493 mho/m; ε_r = 55.614; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

#199 802.11b_Back_1cm_1M_Ch1_volume scan

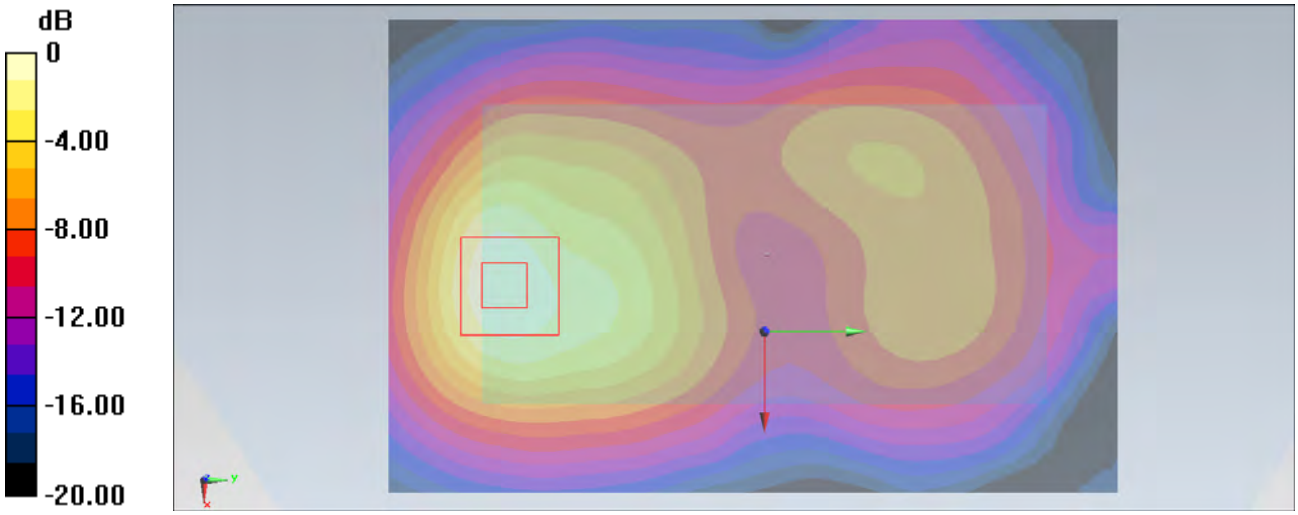
DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Multi Band Result:
SAR(1 g) = 1.54 mW/g; SAR(10 g) = 0.901 mW/g
Maximum value of SAR (interpolated) = 2.42 W/kg



0 dB = 2.42 W/kg = 7.68 dB W/kg

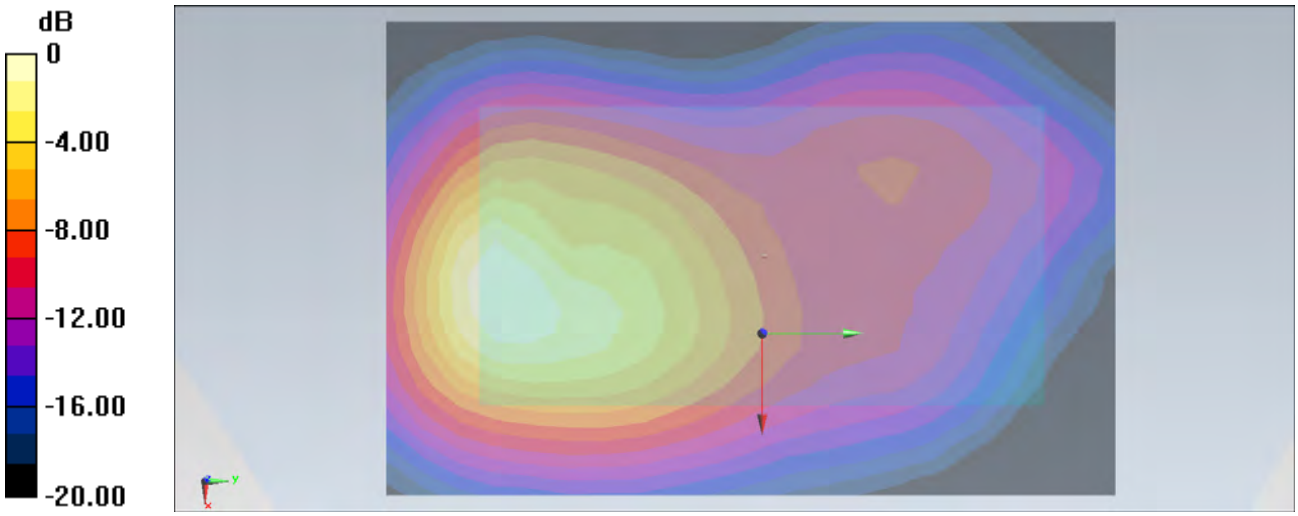
#88 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25_Headset_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120815 Medium parameters used: f = 1851.25 MHz; σ = 1.457 mho/m; ε_r = 54.029; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.899 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 2.203 W/kg
SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.721 mW/g
Total Absorbed Power = 0.0500844 W
Maximum value of SAR (measured) = 1.424 mW/g



0 dB = 1.420mW/g

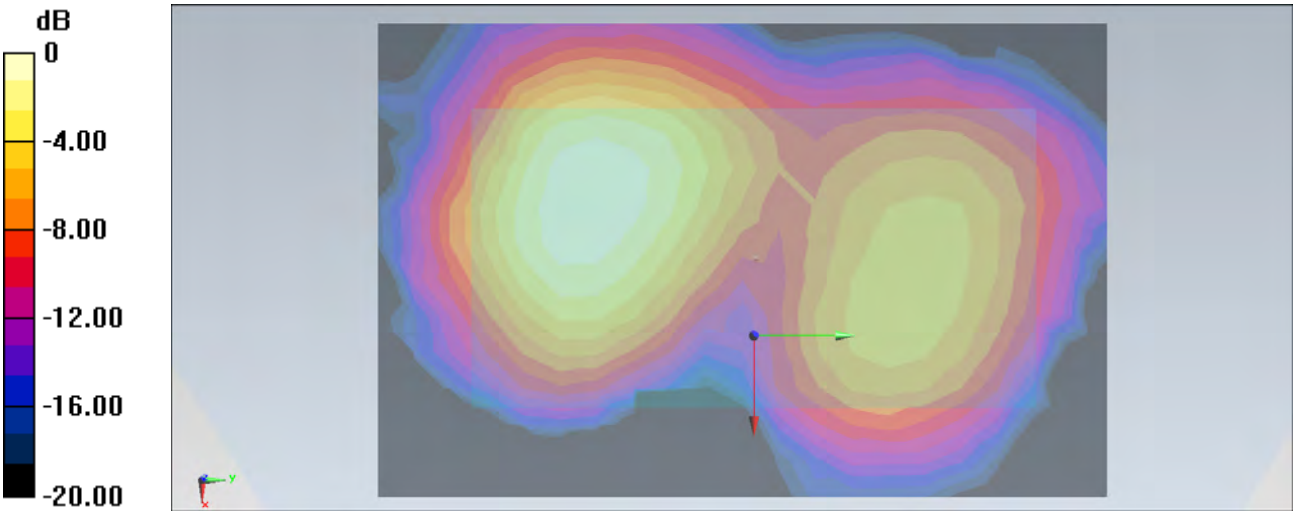
#231 CDMA2000_BC1_RTAP153.6_Back_1cm_Ch25_Headset_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120815 Medium parameters used: f = 1851.25 MHz; σ = 1.457 mho/m; ε_r = 54.029; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.252 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.208 W/kg
SAR(1 g) = 0.134 mW/g; SAR(10 g) = 0.080 mW/g
Total Absorbed Power = 0.00537852 W
Maximum value of SAR (measured) = 0.144 mW/g



0 dB = 0.140mW/g

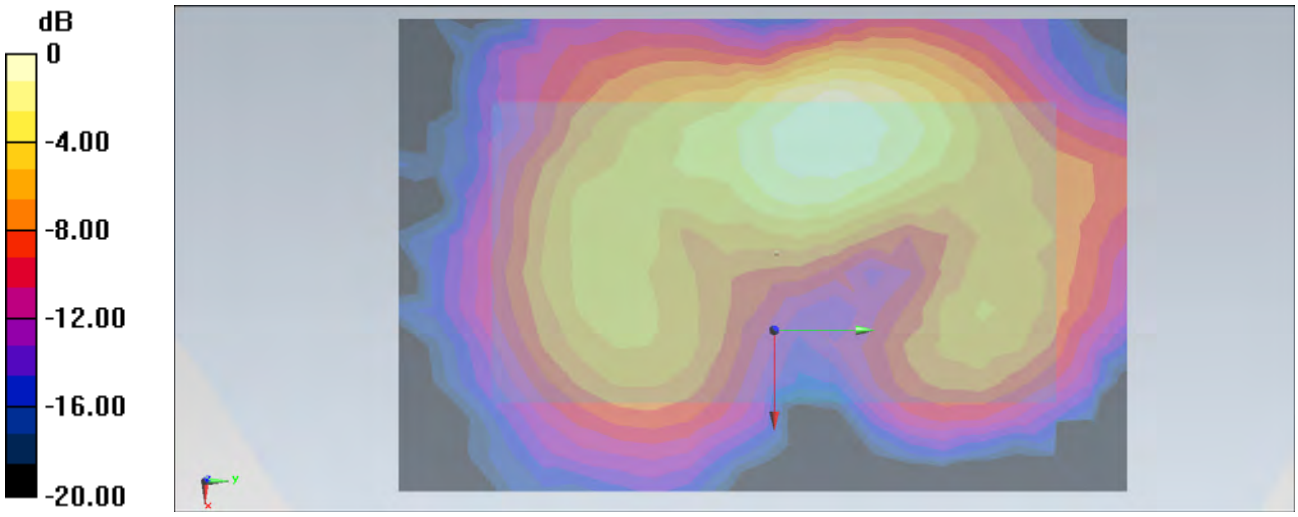
#201 802.11b_Back_1cm_1M_Ch1_Headset_volume scan

DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.581 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.303 W/kg
SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.088 mW/g
Total Absorbed Power = 0.00623449 W
Maximum value of SAR (measured) = 0.189 mW/g



0 dB = 0.190mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

#88 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25_Headset_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1900_120815 Medium parameters used: f = 1851.25 MHz; σ = 1.457 mho/m; ε_r = 54.029; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15
#231 CDMA2000_BC1_RTAP153.6_Back_1cm_Ch25_Headset_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1900_120815 Medium parameters used: f = 1851.25 MHz; σ = 1.457 mho/m; ε_r = 54.029; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

#201 802.11b_Back_1cm_1M_Ch1_Headset_volume scan

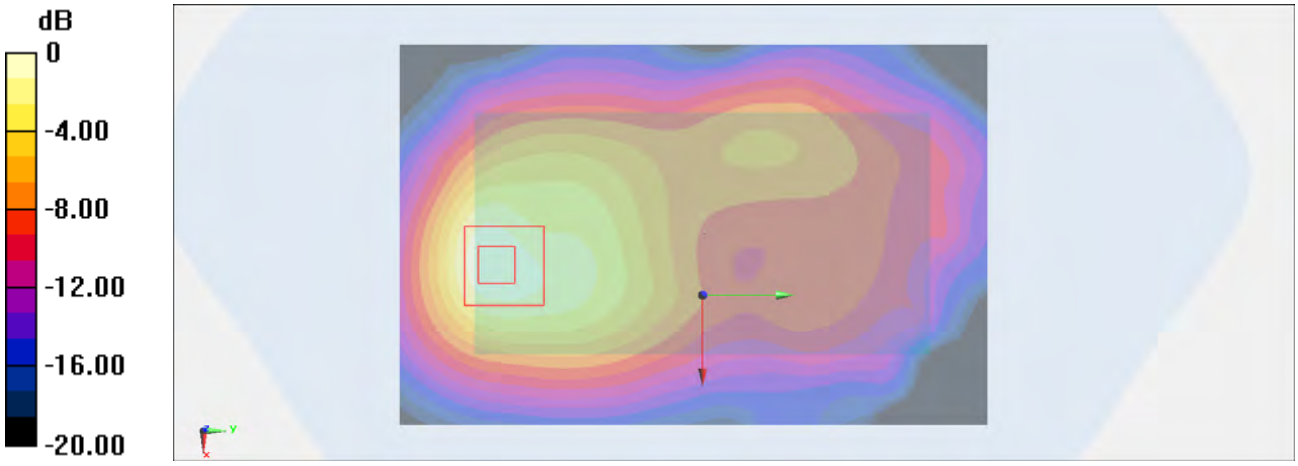
DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18

- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Multi Band Result:
SAR(1 g) = 1.39 mW/g; SAR(10 g) = 0.773 mW/g
Maximum value of SAR (interpolated) = 2.30 W/kg



0 dB = 2.30 W/kg = 7.23 dB W/kg

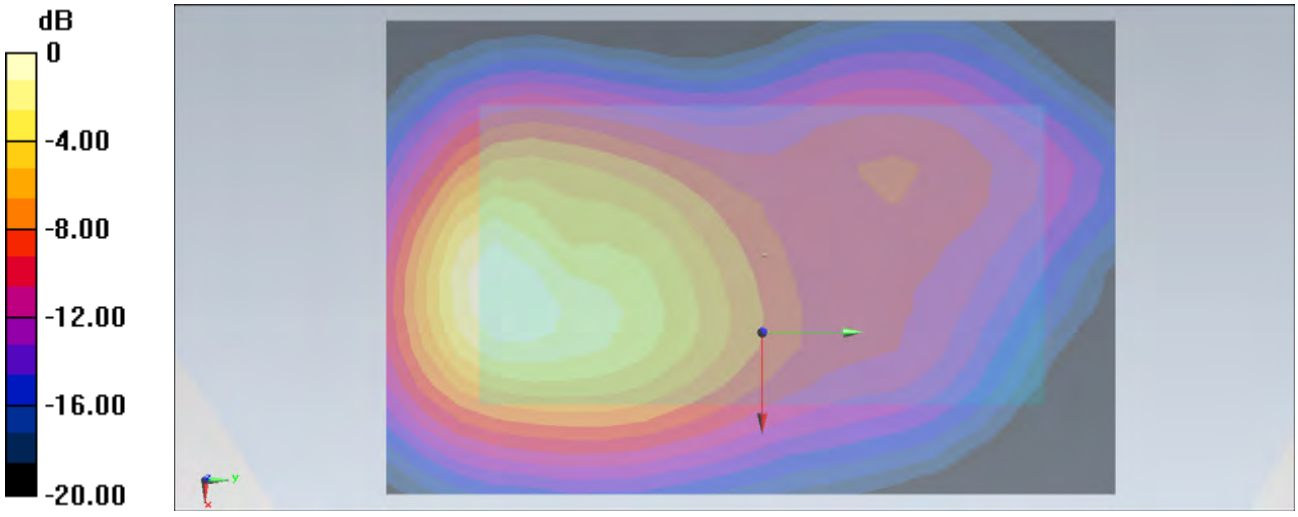
#88 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25_Headset_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120815 Medium parameters used: f = 1851.25 MHz; σ = 1.457 mho/m; ε_r = 54.029; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.899 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 2.203 W/kg
SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.721 mW/g
Total Absorbed Power = 0.0500844 W
Maximum value of SAR (measured) = 1.424 mW/g



0 dB = 1.420mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012-8-18

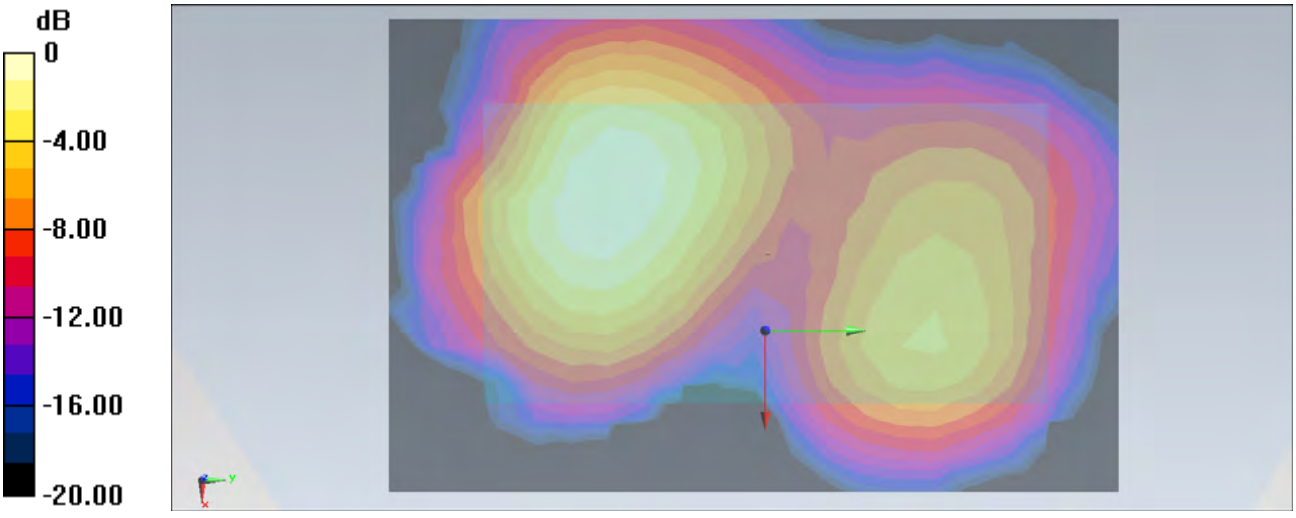
#232 CDMA2000 BC15_RTAP 153.6_Back_1cm_Ch875_Headset_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1753.75 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120818 Medium parameters used: f = 1754 MHz; σ = 1.517 mho/m; ε_r = 55.58; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch875/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.563 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.229 W/kg
SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.092 mW/g
Total Absorbed Power = 0.00672468 W
Maximum value of SAR (measured) = 0.162 mW/g



0 dB = 0.160mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012-8-15

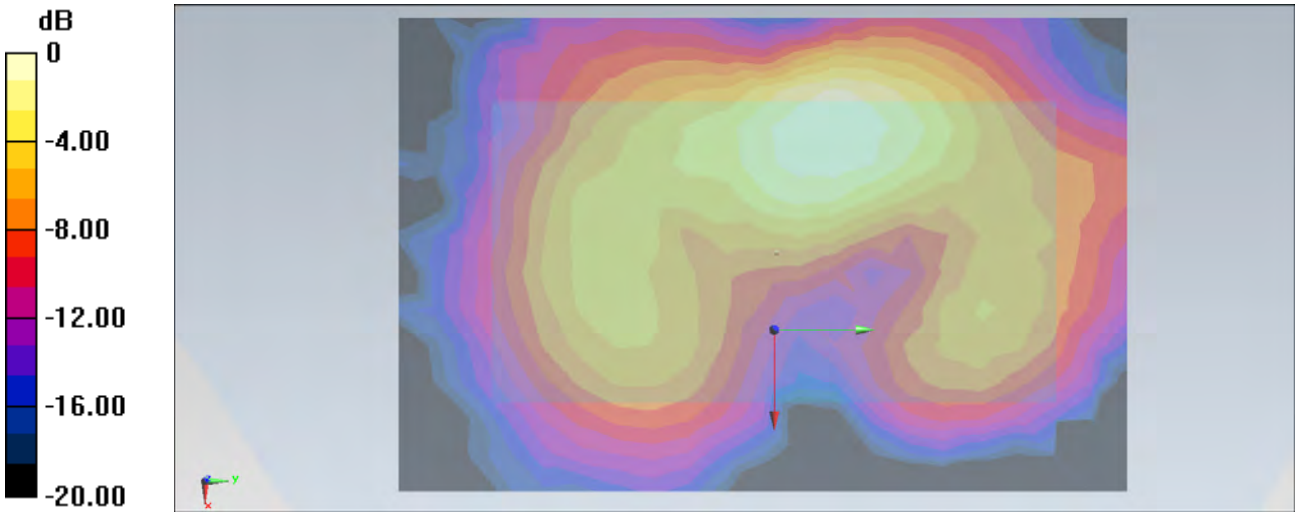
#201 802.11b_Back_1cm_1M_Ch1_Headset_volume scan

DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.581 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.303 W/kg
SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.088 mW/g
Total Absorbed Power = 0.00623449 W
Maximum value of SAR (measured) = 0.189 mW/g



0 dB = 0.190mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

#88 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25_Headset_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1900_120815 Medium parameters used : f = 1851.25 MHz; σ = 1.457 mho/m; ε_r = 54.029; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/16

#232 CDMA2000 BC15_RTAP 153.6_Back_1cm_Ch875_Headset_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1750_120816 Medium parameters used: f = 1754 MHz; σ = 1.517 mho/m; ε_r = 55.58; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

#201 802.11b_Back_1cm_1M_Ch1_Headset_volume scan

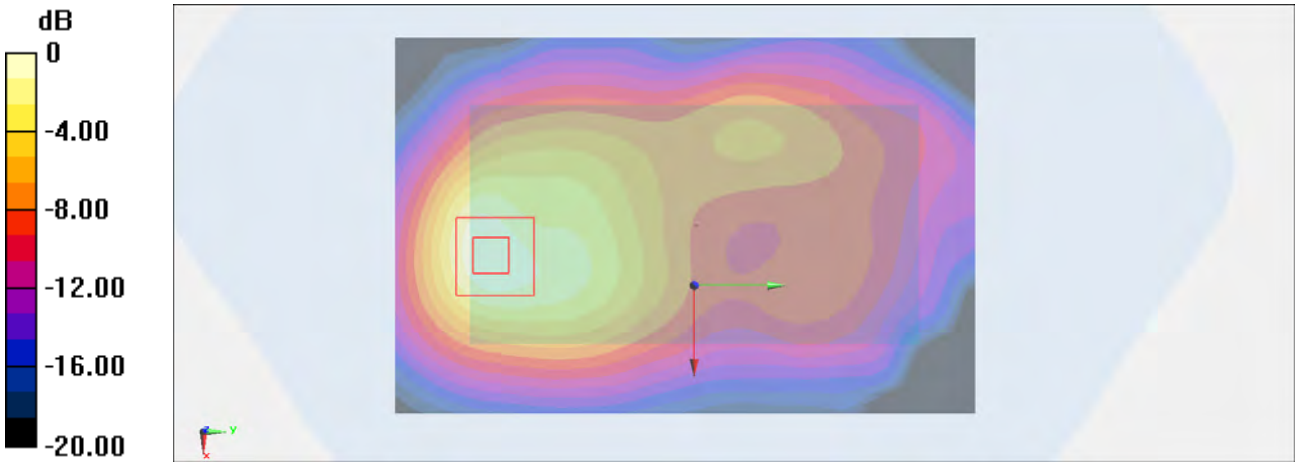
DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Multi Band Result:
SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.771 mW/g
Maximum value of SAR (interpolated) = 2.28 W/kg



0 dB = 2.28 W/kg = 7.16 dB W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012-8-16

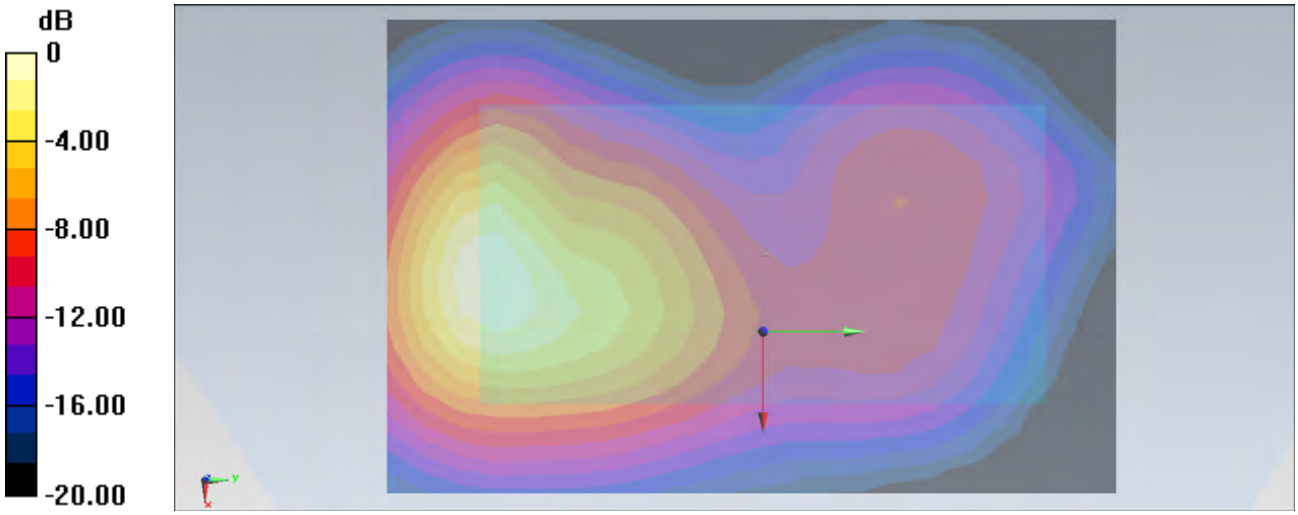
#185 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch875_Headset_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1753.75 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120816 Medium parameters used: f = 1754 MHz; σ = 1.517 mho/m; ε_r = 55.58; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch875/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.489 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 2.091 W/kg
SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.738 mW/g
Total Absorbed Power = 0.0492045 W
Maximum value of SAR (measured) = 1.426 mW/g



0 dB = 1.430mW/g

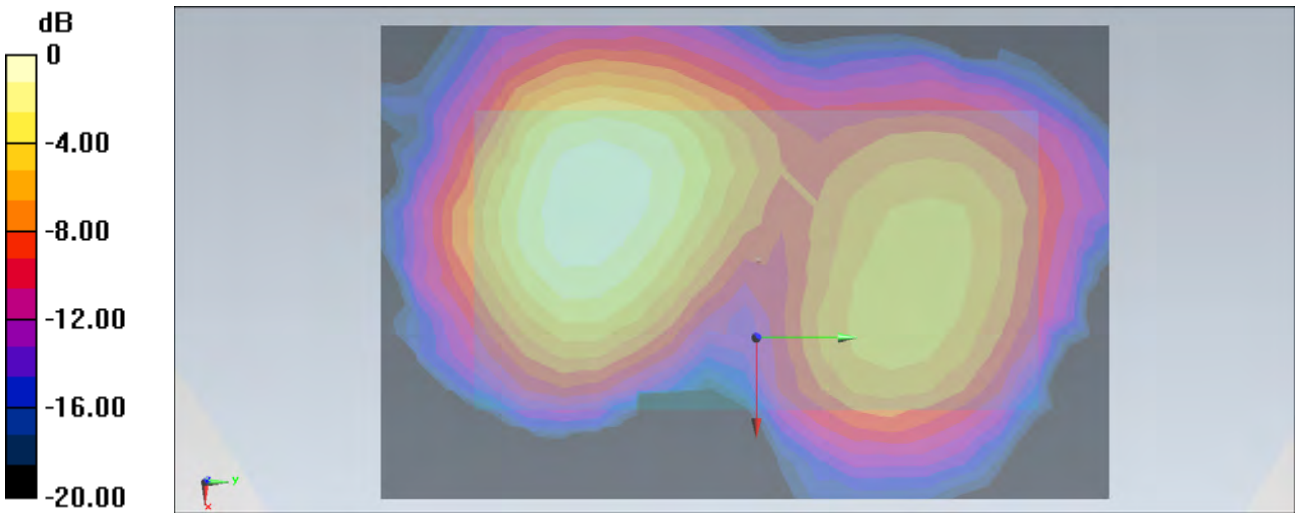
#231 CDMA2000_BC1_RTAP153.6_Back_1cm_Ch25_Headset_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120815 Medium parameters used: f = 1851.25 MHz; σ = 1.457 mho/m; ε_r = 54.029; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.252 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.208 W/kg
SAR(1 g) = 0.134 mW/g; SAR(10 g) = 0.080 mW/g
Total Absorbed Power = 0.00537852 W
Maximum value of SAR (measured) = 0.144 mW/g



0 dB = 0.140mW/g

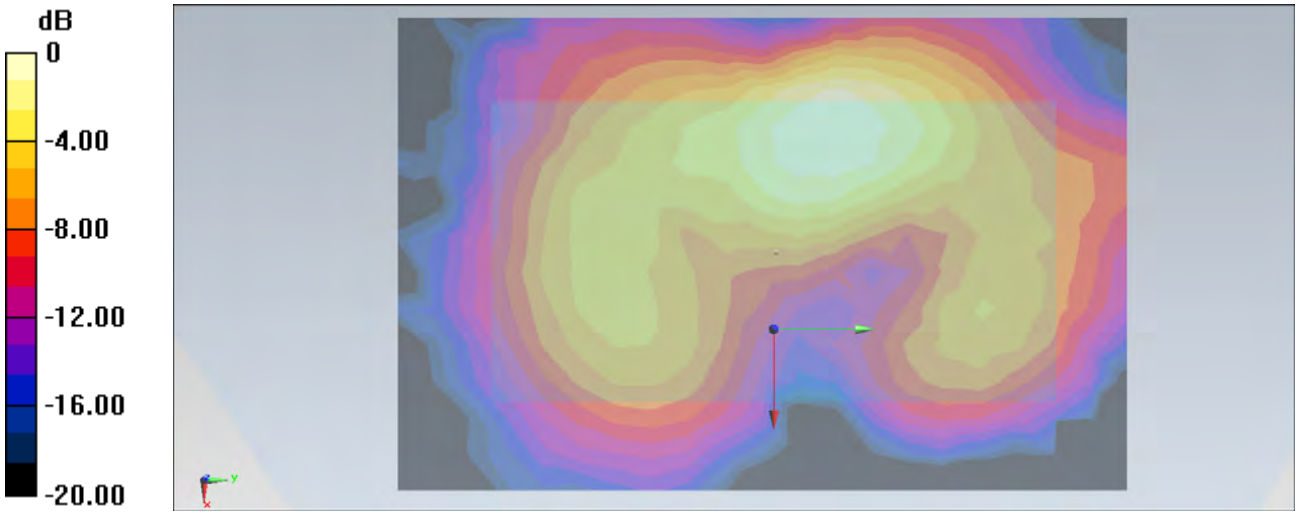
#201 802.11b_Back_1cm_1M_Ch1_Headset_volume scan

DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.581 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.303 W/kg
SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.088 mW/g
Total Absorbed Power = 0.00623449 W
Maximum value of SAR (measured) = 0.189 mW/g



0 dB = 0.190mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/16

#185 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch875_Headset_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1750_120816 Medium parameters used: f = 1754 MHz; σ = 1.517 mho/m; ε_r = 55.58; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

#231 CDMA2000_BC1_RTAP153.6_Back_1cm_Ch25_Headset_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1900_120815 Medium parameters used: f = 1851.25 MHz; σ = 1.457 mho/m; ε_r = 54.029; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

#201 802.11b_Back_1cm_1M_Ch1_Headset_volume scan

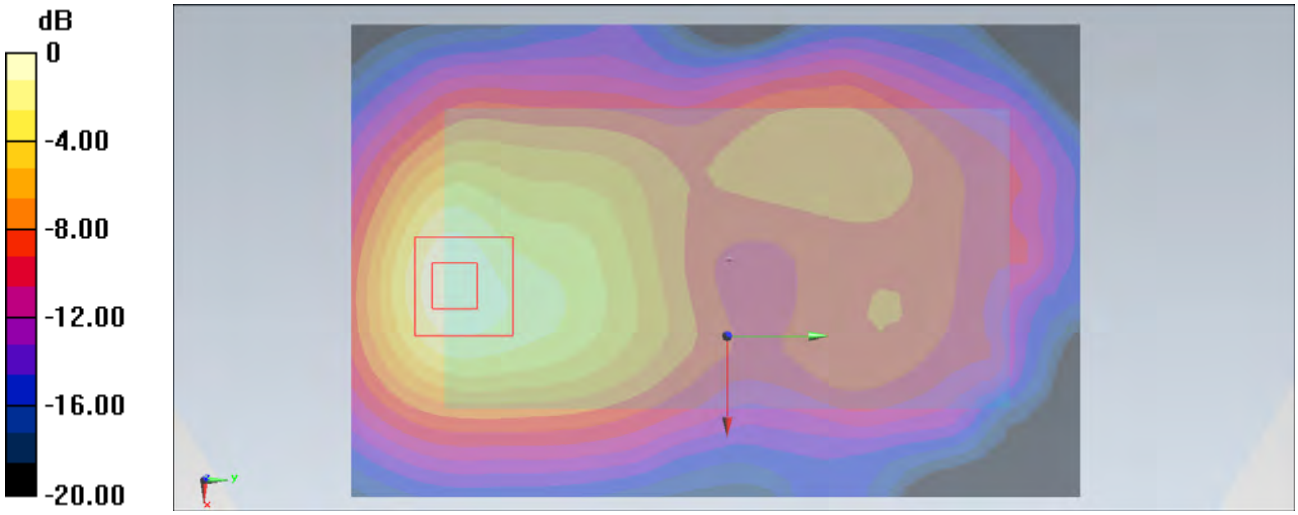
DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Multi Band Result:
SAR(1 g) = 1.49 mW/g; SAR(10 g) = 0.857 mW/g
Maximum value of SAR (interpolated) = 2.39 W/kg



0 dB = 2.39 W/kg = 7.57 dB W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012-8-16

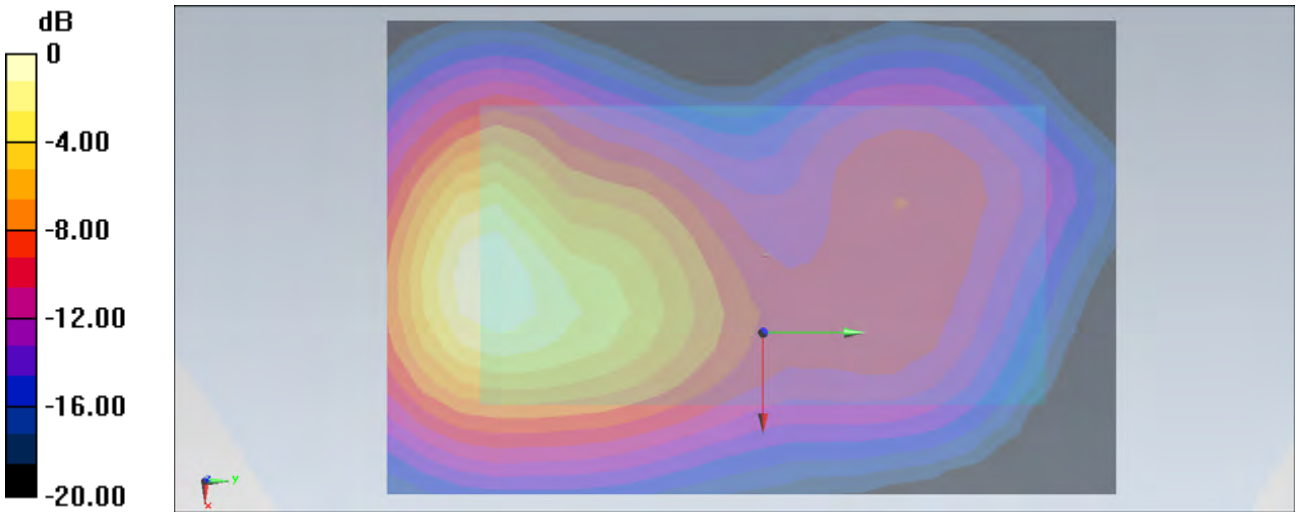
#185 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch875_Headset_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1753.75 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120816 Medium parameters used: f = 1754 MHz; σ = 1.517 mho/m; ε_r = 55.58; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch875/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.489 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 2.091 W/kg
SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.738 mW/g
Total Absorbed Power = 0.0492045 W
Maximum value of SAR (measured) = 1.426 mW/g



0 dB = 1.430mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012-8-18

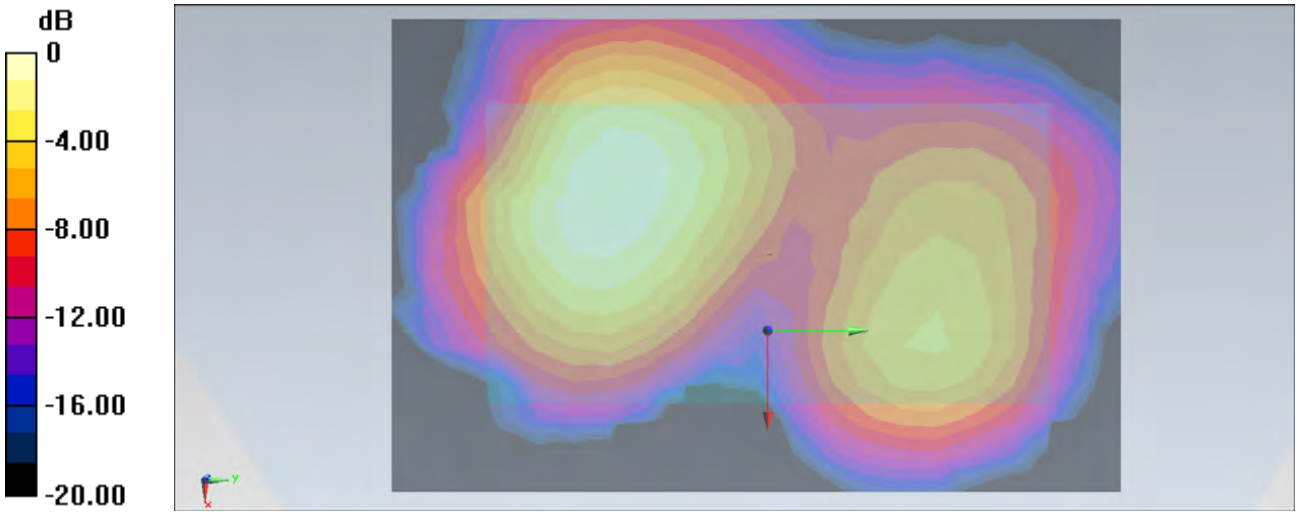
#232 CDMA2000 BC15_RTAP 153.6_Back_1cm_Ch875_Headset_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1753.75 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120818 Medium parameters used: f = 1754 MHz; σ = 1.517 mho/m; ε_r = 55.58; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch875/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.563 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.229 W/kg
SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.092 mW/g
Total Absorbed Power = 0.00672468 W
Maximum value of SAR (measured) = 0.162 mW/g



0 dB = 0.160mW/g

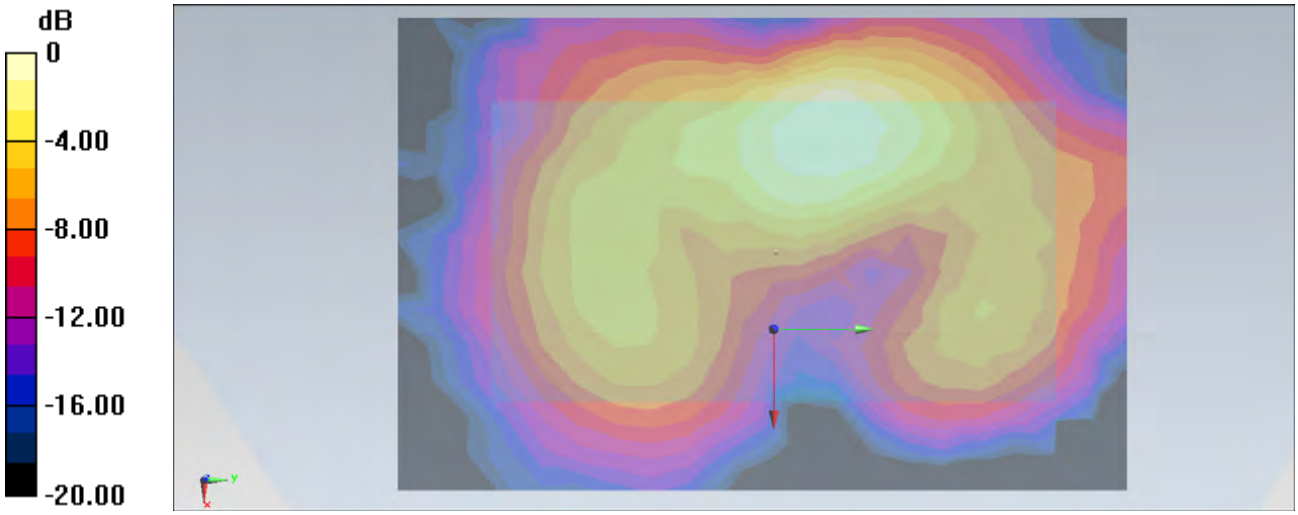
#201 802.11b_Back_1cm_1M_Ch1_Headset_volume scan

DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.581 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.303 W/kg
SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.088 mW/g
Total Absorbed Power = 0.00623449 W
Maximum value of SAR (measured) = 0.189 mW/g



0 dB = 0.190mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/16

#185 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch875_Headset_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1750_120816 Medium parameters used: f = 1754 MHz; σ = 1.517 mho/m; ε_r = 55.58; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012/6/20;
- ¿ Sensor-Surface: 4mm (Mechanical Surface Detection)
- ¿ Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- ¿ Phantom: SAM2; Type: SAM; Serial: TP-1477
- ¿ Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/16

#232 CDMA2000 BC15_RTAP 153.6_Back_1cm_Ch875_Headset_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1750_120816 Medium parameters used: f = 1754 MHz; σ = 1.517 mho/m; ε_r = 55.58; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012/6/20;
- ¿ Sensor-Surface: 4mm (Mechanical Surface Detection)
- ¿ Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- ¿ Phantom: SAM2; Type: SAM; Serial: TP-1477
- ¿ Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

#201 802.11b_Back_1cm_1M_Ch1_Headset_volume scan

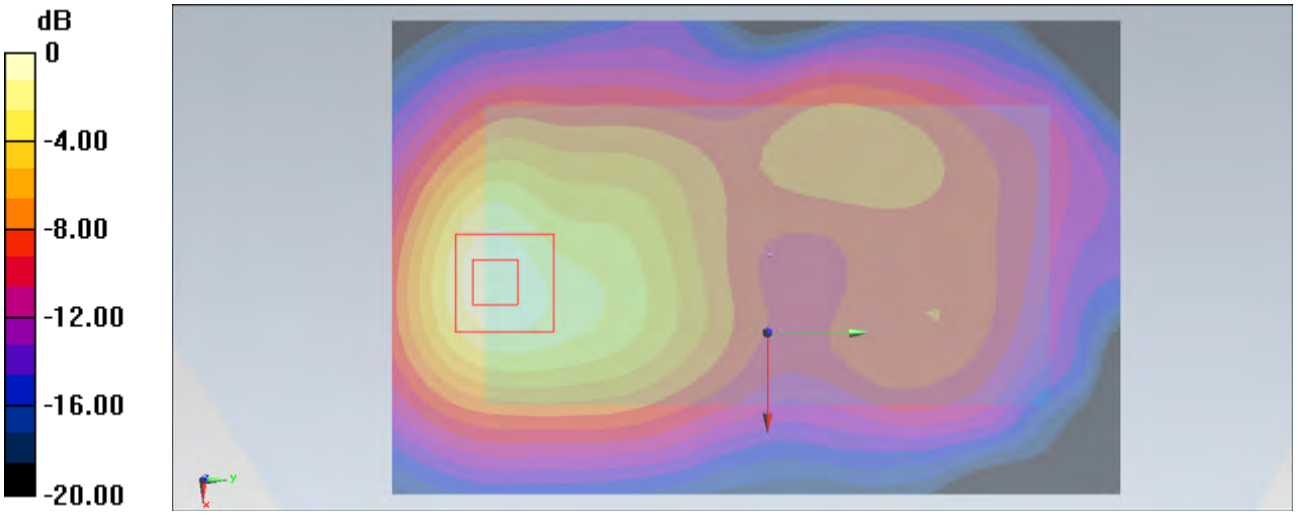
DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012/6/20;

- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Multi Band Result:
SAR(1 g) = 1.49 mW/g; SAR(10 g) = 0.855 mW/g
Maximum value of SAR (interpolated) = 2.38 W/kg



0 dB = 2.38 W/kg = 7.53 dB W/kg

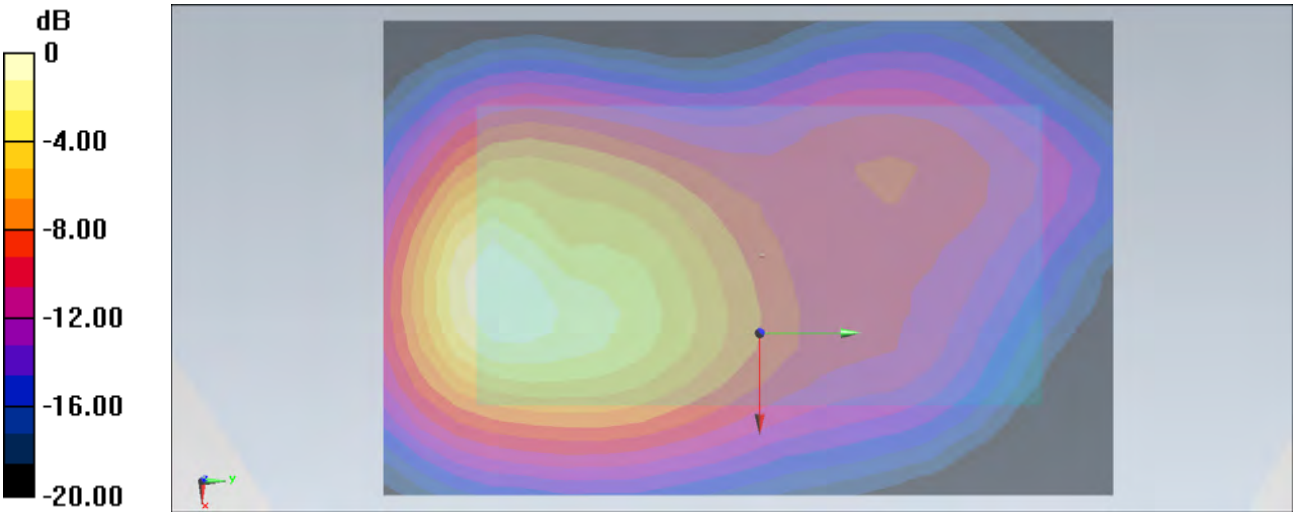
#88 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25_Headset_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120815 Medium parameters used: f = 1851.25 MHz; σ = 1.457 mho/m; ε_r = 54.029; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.899 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 2.203 W/kg
SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.721 mW/g
Total Absorbed Power = 0.0500844 W
Maximum value of SAR (measured) = 1.424 mW/g



0 dB = 1.420mW/g

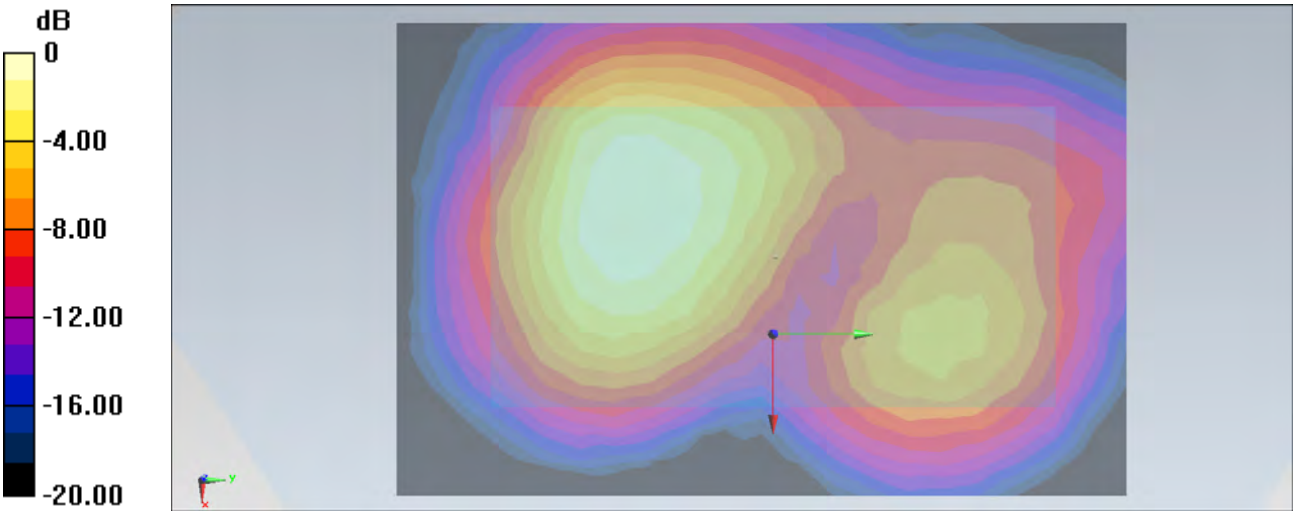
#233 LTE Band 2_QPSK(1 0)_20M_Back_1cm_Ch18900_Headset_volume scan

DUT: 271302

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120815 Medium parameters used: f = 1880 MHz; σ = 1.489 mho/m; ε_r = 53.955; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.466 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.531 W/kg
SAR(1 g) = 0.339 mW/g; SAR(10 g) = 0.207 mW/g
Total Absorbed Power = 0.0153393 W
Maximum value of SAR (measured) = 0.354 mW/g



0 dB = 0.350mW/g

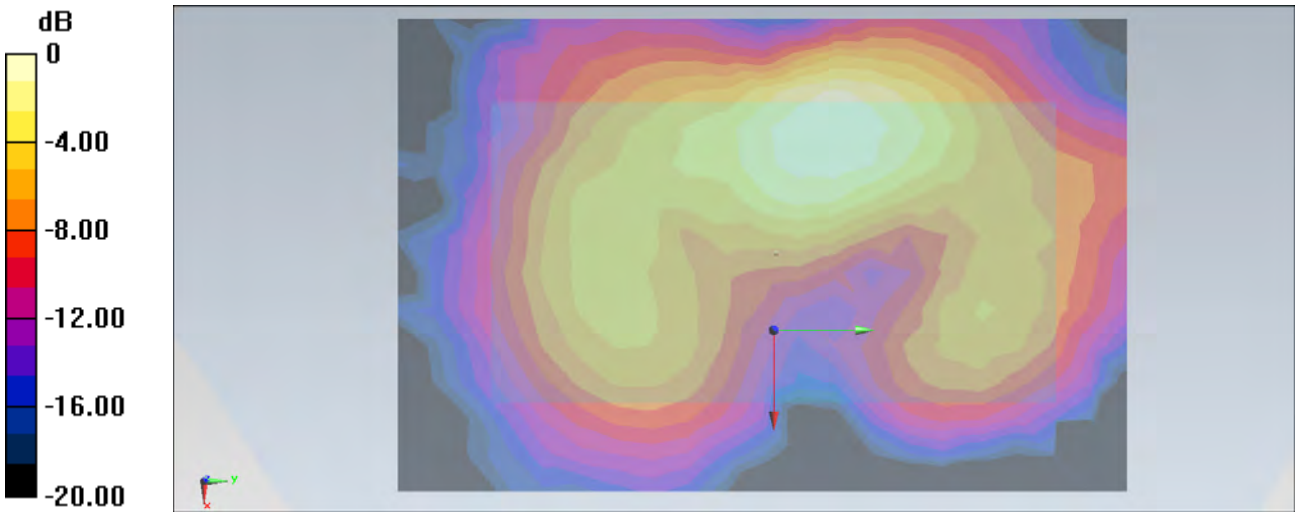
#201 802.11b_Back_1cm_1M_Ch1_Headset_volume scan

DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.581 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.303 W/kg
SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.088 mW/g
Total Absorbed Power = 0.00623449 W
Maximum value of SAR (measured) = 0.189 mW/g



0 dB = 0.190mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

#88 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25_Headset_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1900_120815 Medium parameters used: f = 1851.25 MHz; σ = 1.457 mho/m; ε_r = 54.029; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

#233 LTE Band 2_QPSK(1 0)_20M_Back_1cm_Ch18900_Headset_volume scan

DUT: 271302

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1900_120815 Medium parameters used: f = 1880 MHz; σ = 1.489 mho/m; ε_r = 53.955; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

#201 802.11b_Back_1cm_1M_Ch1_Headset_volume scan

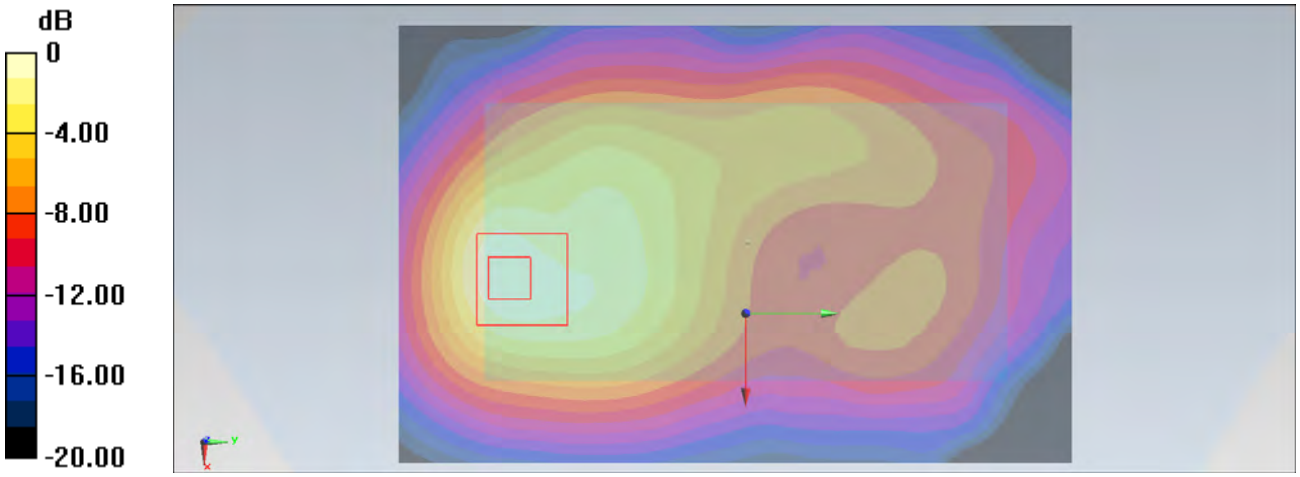
DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18

- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Multi Band Result:
SAR(1 g) = 1.41 mW/g; SAR(10 g) = 0.798 mW/g
Maximum value of SAR (interpolated) = 2.31 W/kg



0 dB = 2.31 W/kg = 7.27 dB W/kg

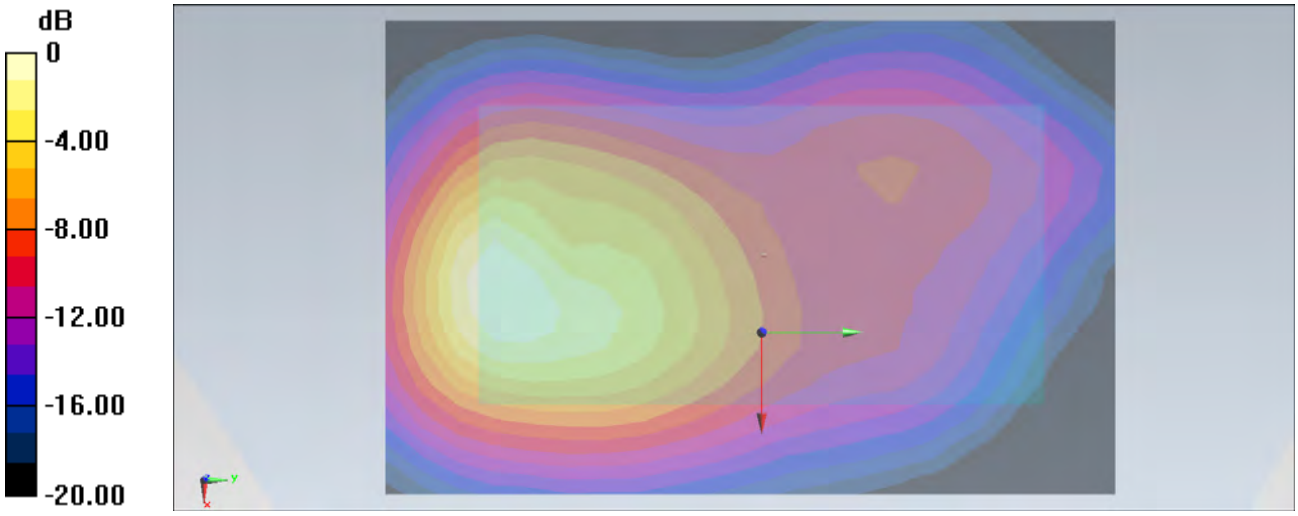
#88 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25_Headset_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120815 Medium parameters used: f = 1851.25 MHz; σ = 1.457 mho/m; ε_r = 54.029; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.899 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 2.203 W/kg
SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.721 mW/g
Total Absorbed Power = 0.0500844 W
Maximum value of SAR (measured) = 1.424 mW/g



0 dB = 1.420mW/g

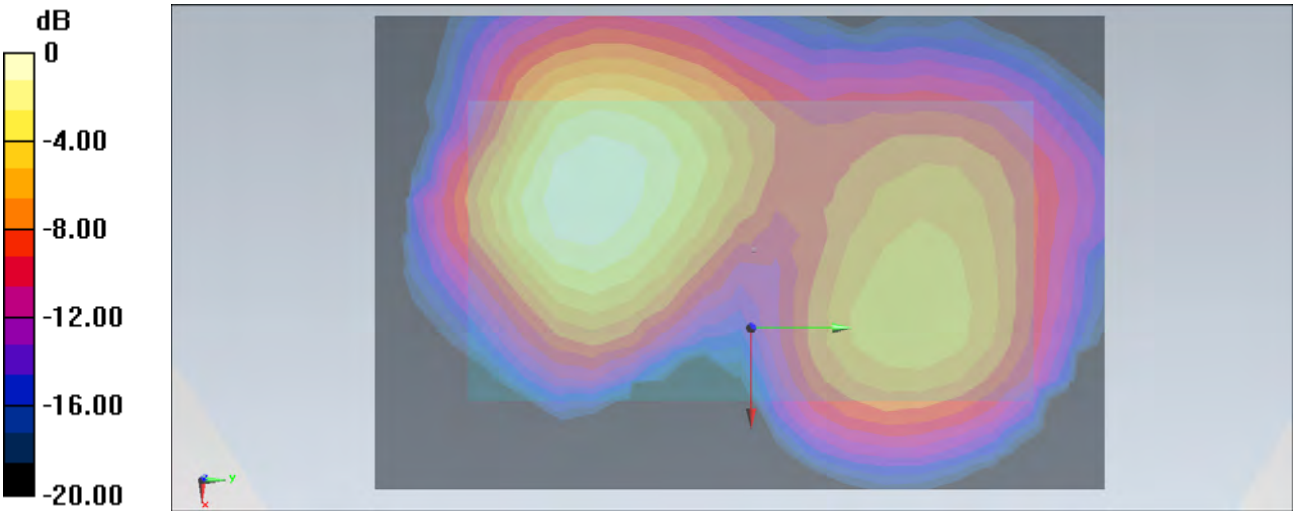
#234 LTE Band 4_QPSK(1 0)_20M_Back_1cm_Ch20175_Headset_volume scan

DUT: 271302

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120818 Medium parameters used: f = 1732.5 MHz; σ = 1.493 mho/m; ε_r = 55.614; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.443 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.267 W/kg
SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.105 mW/g
Total Absorbed Power = 0.00717251 W
Maximum value of SAR (measured) = 0.189 mW/g



0 dB = 0.190mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012-8-15

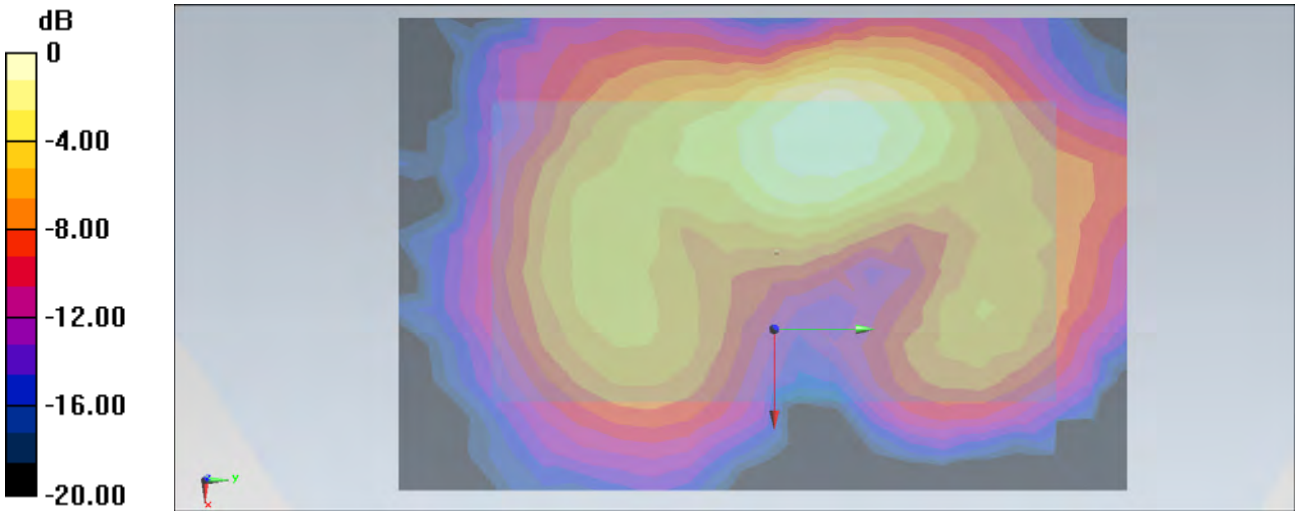
#201 802.11b_Back_1cm_1M_Ch1_Headset_volume scan

DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.581 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.303 W/kg
SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.088 mW/g
Total Absorbed Power = 0.00623449 W
Maximum value of SAR (measured) = 0.189 mW/g



0 dB = 0.190mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

#88 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25_Headset_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1900_120815 Medium parameters used : f = 1851.25 MHz; σ = 1.457 mho/m; ε_r = 54.029; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/18

#234 LTE Band 4_QPSK(1 0)_20M_Back_1cm_Ch20175_Headset_volume scan

DUT: 271302

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1750_120818 Medium parameters used : f = 1732.5 MHz; σ = 1.493 mho/m; ε_r = 55.614; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

#201 802.11b_Back_1cm_1M_Ch1_Headset_volume scan

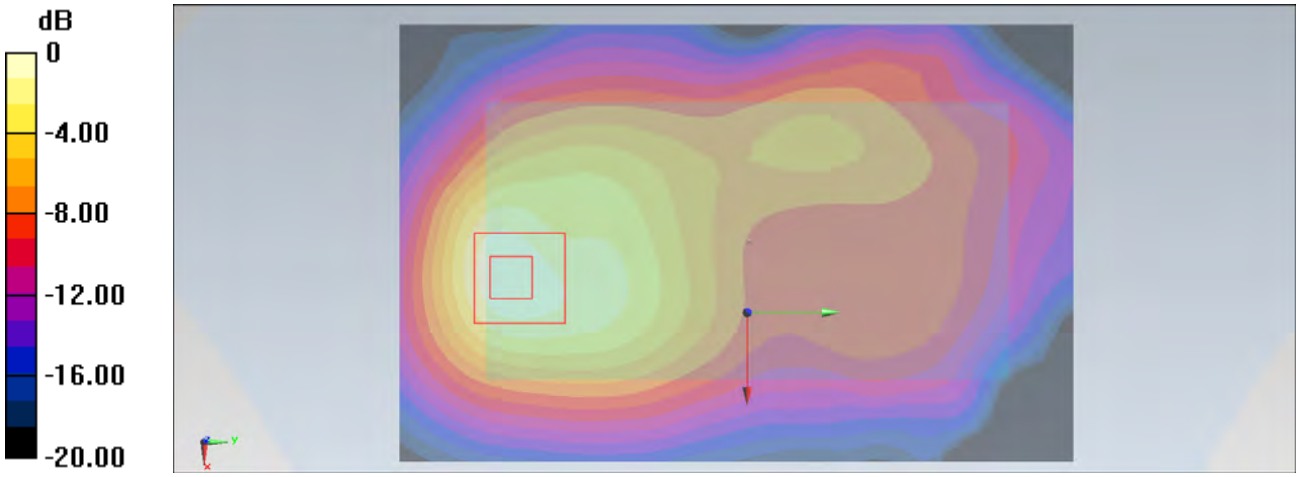
DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Multi Band Result:
SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.762 mW/g
Maximum value of SAR (interpolated) = 2.25 W/kg



0 dB = 2.25 W/kg = 7.04 dB W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012-8-16

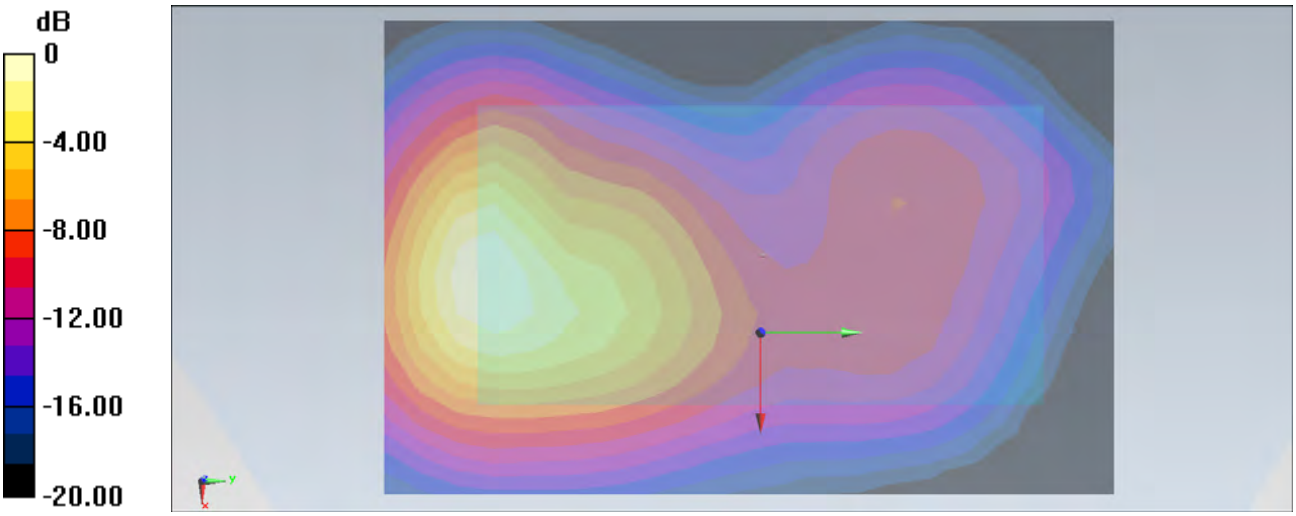
#185 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch875_Headset_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1753.75 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120816 Medium parameters used: f = 1754 MHz; σ = 1.517 mho/m; ε_r = 55.58; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch875/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.489 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 2.091 W/kg
SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.738 mW/g
Total Absorbed Power = 0.0492045 W
Maximum value of SAR (measured) = 1.426 mW/g



0 dB = 1.430mW/g

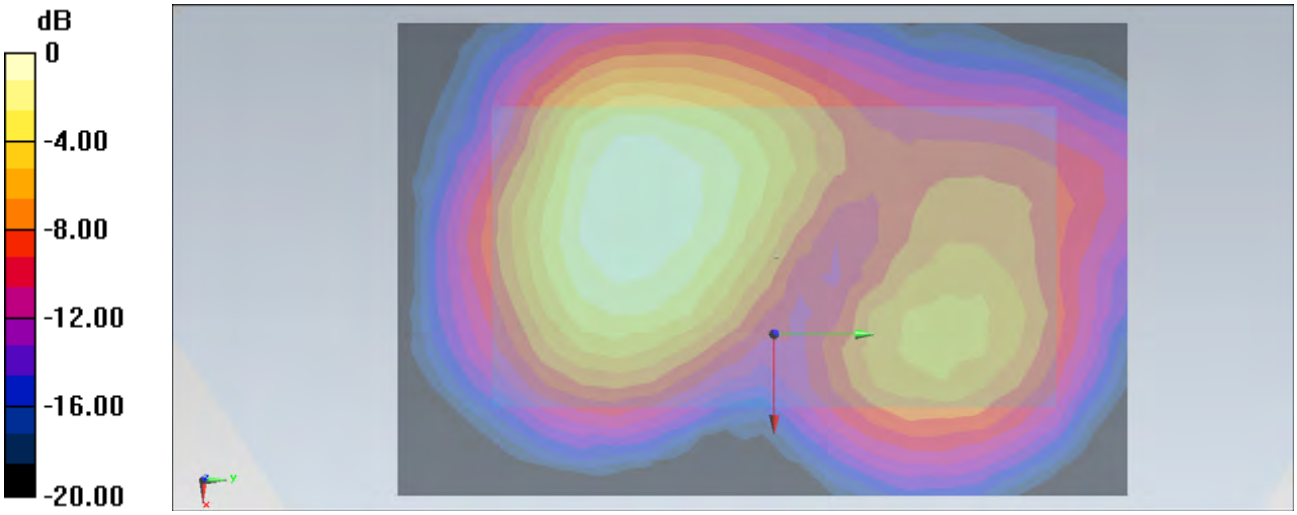
#233 LTE Band 2_QPSK(1 0)_20M_Back_1cm_Ch18900_Headset_volume scan

DUT: 271302

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120815 Medium parameters used: f = 1880 MHz; σ = 1.489 mho/m; ε_r = 53.955; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18900/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.466 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.531 W/kg
SAR(1 g) = 0.339 mW/g; SAR(10 g) = 0.207 mW/g
Total Absorbed Power = 0.0153393 W
Maximum value of SAR (measured) = 0.354 mW/g



0 dB = 0.350mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012-8-15

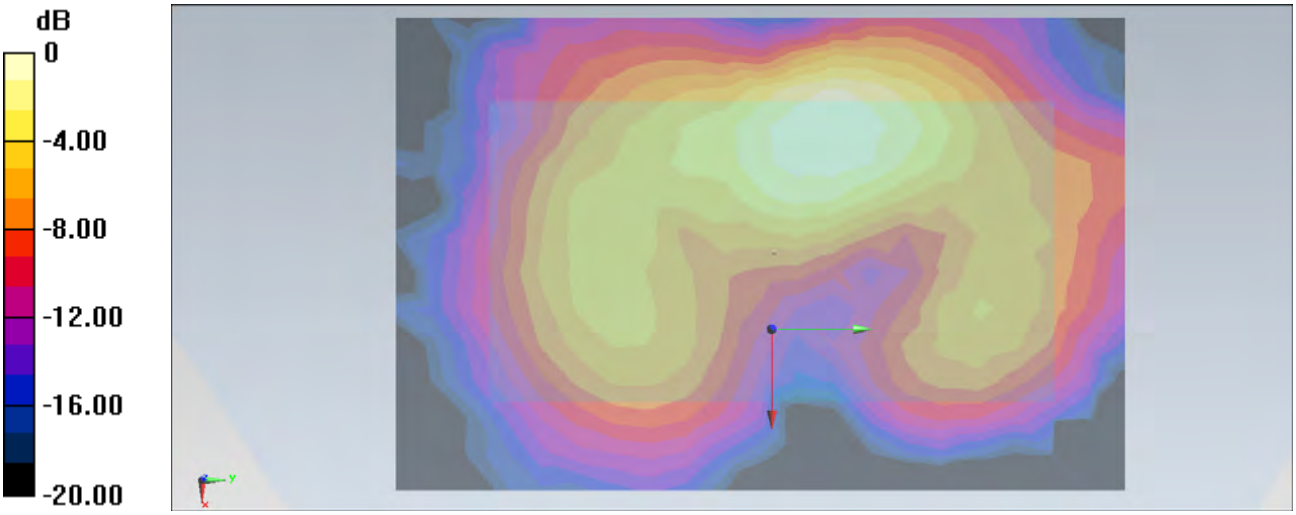
#201 802.11b_Back_1cm_1M_Ch1_Headset_volume scan

DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.581 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.303 W/kg
SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.088 mW/g
Total Absorbed Power = 0.00623449 W
Maximum value of SAR (measured) = 0.189 mW/g



0 dB = 0.190mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/16

#185 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch875_Headset_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1750_120816 Medium parameters used: f = 1754 MHz; σ = 1.517 mho/m; ε_r = 55.58; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012/6/20;
- ¿ Sensor-Surface: 4mm (Mechanical Surface Detection)
- ¿ Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- ¿ Phantom: SAM2; Type: SAM; Serial: TP-1477
- ¿ Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

#233 LTE Band 2_QPSK(1 0)_20M_Back_1cm_Ch18900_Headset_volume scan

DUT: 271302

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1900_120815 Medium parameters used: f = 1880 MHz; σ = 1.489 mho/m; ε_r = 53.955; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012/6/20;
- ¿ Sensor-Surface: 4mm (Mechanical Surface Detection)
- ¿ Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- ¿ Phantom: SAM1; Type: SAM; Serial: TP-1479
- ¿ Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

#201 802.11b_Back_1cm_1M_Ch1_Headset_volume scan

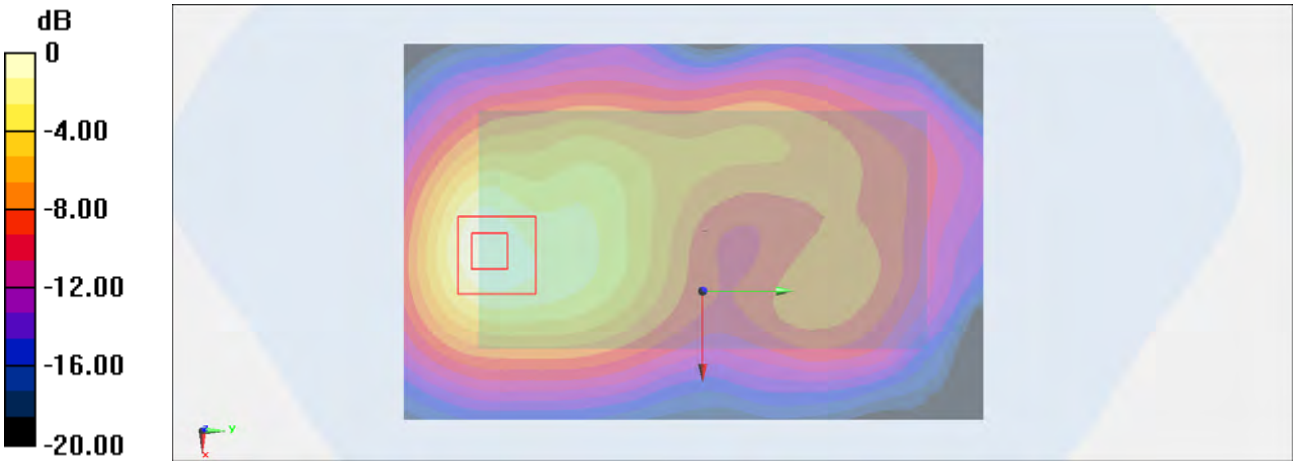
DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012/6/20;
- ¿ Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Multi Band Result:
SAR(1 g) = 1.51 mW/g; SAR(10 g) = 0.874 mW/g
Maximum value of SAR (interpolated) = 2.41 W/kg



0 dB = 2.41 W/kg = 7.64 dB W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012-8-16

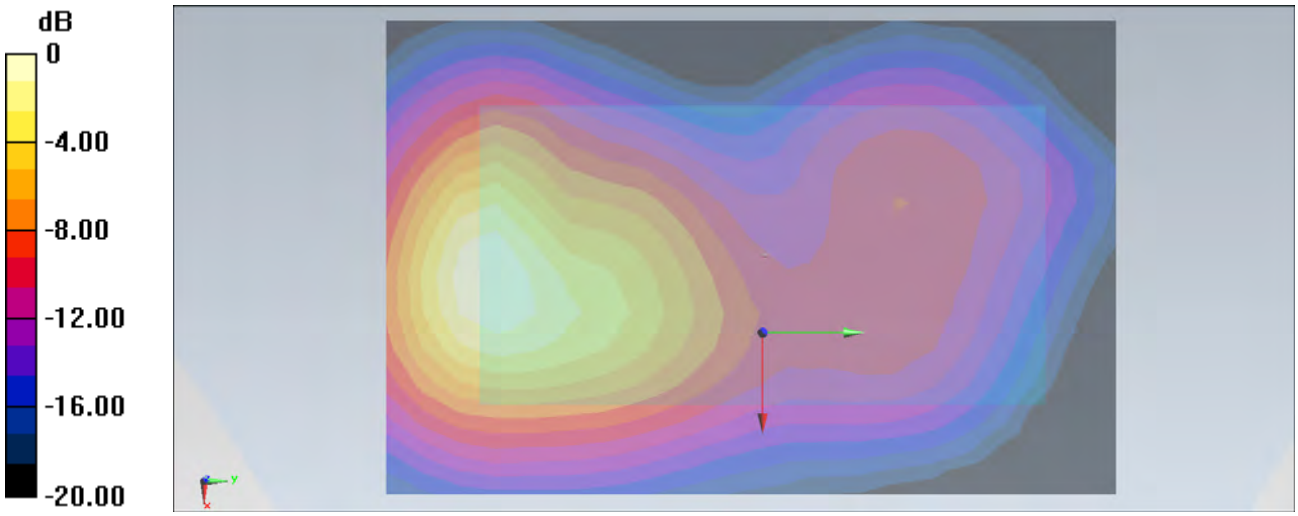
#185 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch875_Headset_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1753.75 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120816 Medium parameters used: f = 1754 MHz; σ = 1.517 mho/m; ε_r = 55.58; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch875/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.489 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 2.091 W/kg
SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.738 mW/g
Total Absorbed Power = 0.0492045 W
Maximum value of SAR (measured) = 1.426 mW/g



0 dB = 1.430mW/g

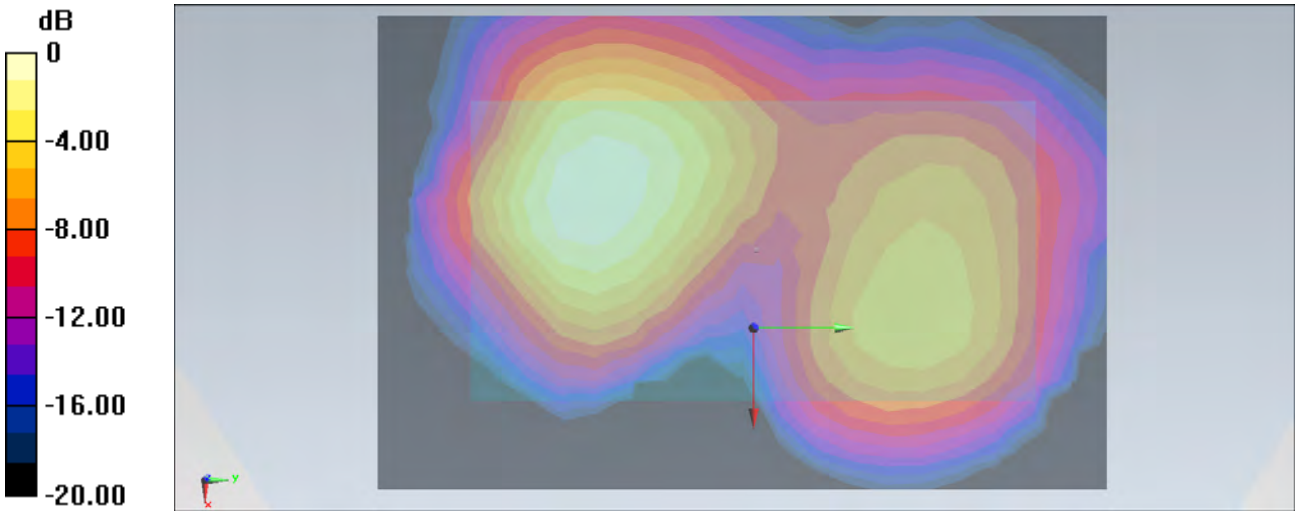
#234 LTE Band 4_QPSK(1 0)_20M_Back_1cm_Ch20175_Headset_volume scan

DUT: 271302

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_120818 Medium parameters used: f = 1732.5 MHz; σ = 1.493 mho/m; ε_r = 55.614; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch20175/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.443 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.267 W/kg
SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.105 mW/g
Total Absorbed Power = 0.00717251 W
Maximum value of SAR (measured) = 0.189 mW/g



0 dB = 0.190mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012-8-15

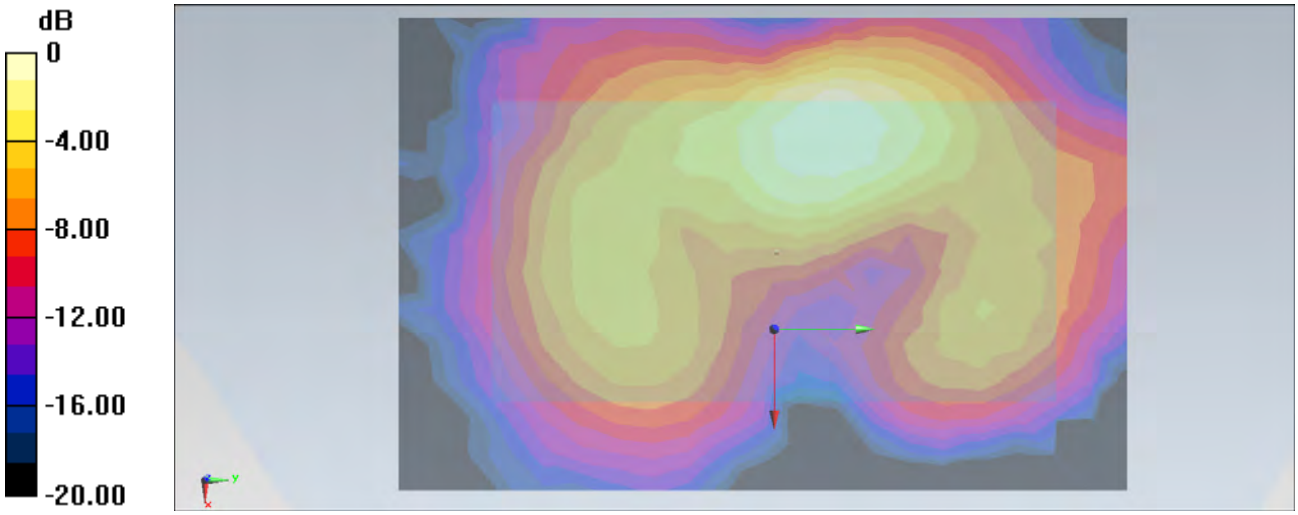
#201 802.11b_Back_1cm_1M_Ch1_Headset_volume scan

DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.581 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.303 W/kg
SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.088 mW/g
Total Absorbed Power = 0.00623449 W
Maximum value of SAR (measured) = 0.189 mW/g



0 dB = 0.190mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/16

#185 CDMA2000 BC15_RC3 SO32_Back_1cm_Ch875_Headset_volume scan

DUT: 271302

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1750_120816 Medium parameters used: f = 1754 MHz; σ = 1.517 mho/m; ε_r = 55.58; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/18

#234 LTE Band 4_QPSK(1 0)_20M_Back_1cm_Ch20175_Headset_volume scan

DUT: 271302

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1750_120818 Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.493 mho/m; ε_r = 55.614; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/8/15

#201 802.11b_Back_1cm_1M_Ch1_Headset_volume scan

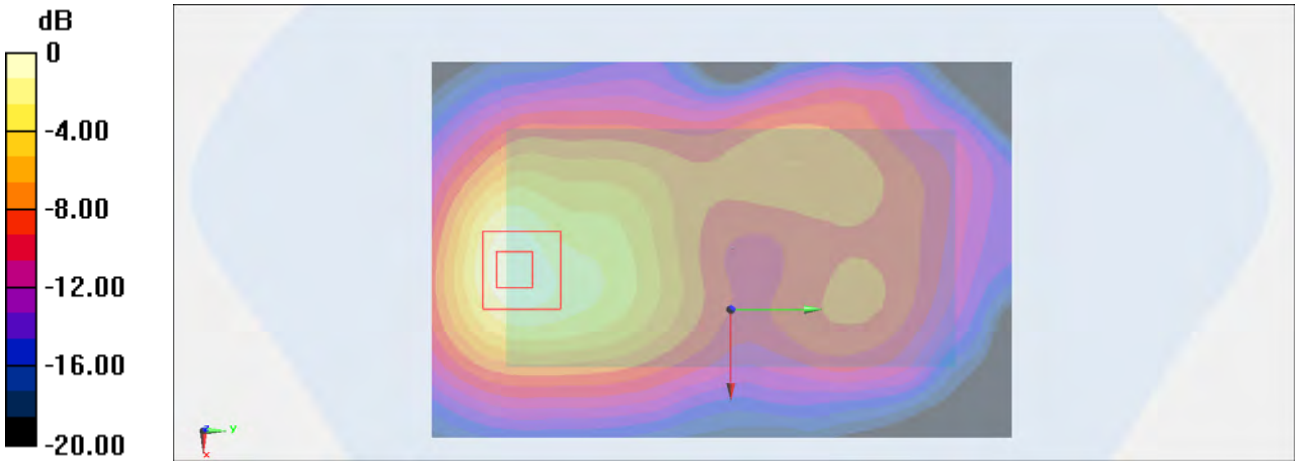
DUT: 271302

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_2450_120815 Medium parameters used: f = 2412 MHz; σ = 1.877 mho/m; ε_r = 54.002; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012/6/20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0)

Multi Band Result:
SAR(1 g) = 1.48 mW/g; SAR(10 g) = 0.848 mW/g
Maximum value of SAR (interpolated) = 2.36 W/kg



0 dB = 2.36 W/kg = 7.46 dB W/kg