#24 CDMA2000 BC0_RTAP 153.6k_Rear Face_10mm_Ch384

DUT: 100401

Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: MSL_850_101003 Medium parameters used: f = 837 MHz; σ = 1.01 mho/m; $ε_r$ = 57.6; ρ =

1000 kg/m^3
Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch384/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
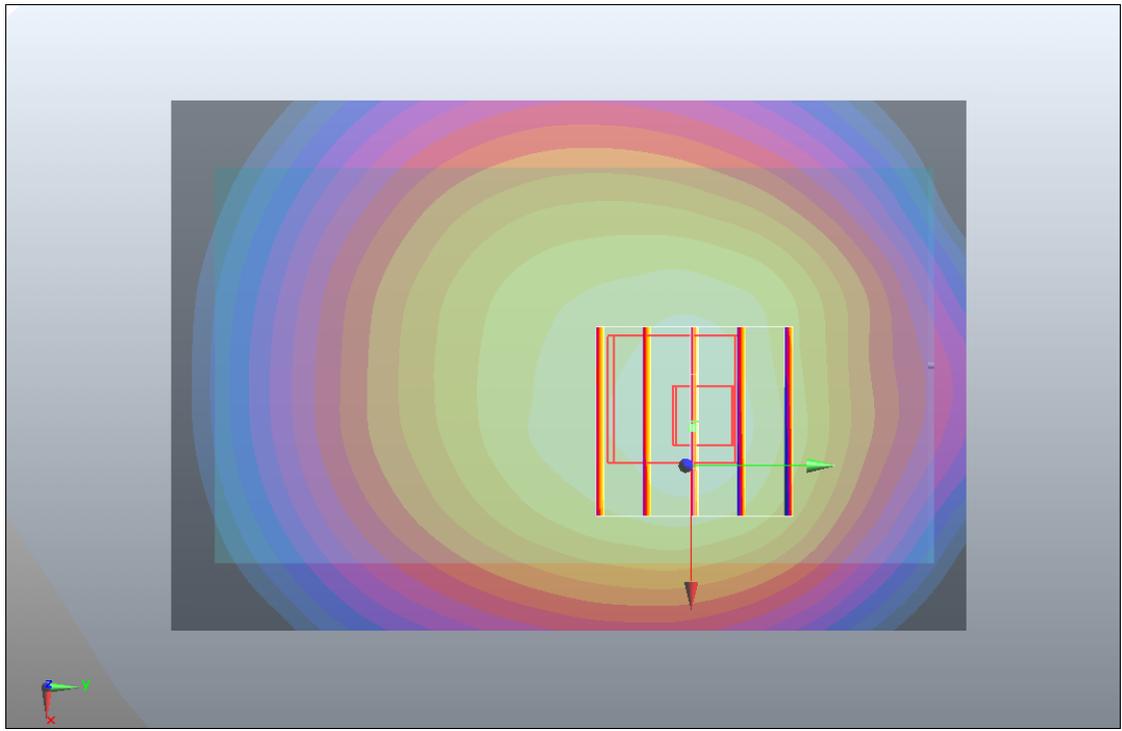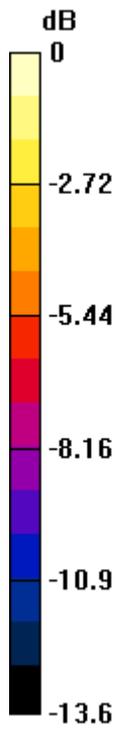Maximum value of SAR (interpolated) = 1.47 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.4 V/m; Power Drift = -0.065 dB
Peak SAR (extrapolated) = 2.03 W/kg
SAR(1 g) = 1.33 mW/g; SAR(10 g) = 0.897 mW/g
Maximum value of SAR (measured) = 1.43 mW/g

0 dB = 1.43mW/g

#24 CDMA2000 BC0_RTAP 153.6k_Rear Face_10mm_Ch384_2D

DUT: 100401

Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: MSL_850_101003 Medium parameters used: f = 837 MHz; σ = 1.01 mho/m; ε_r = 57.6; ρ = 1000 kg/m^3
Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch384/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.47 mW/g

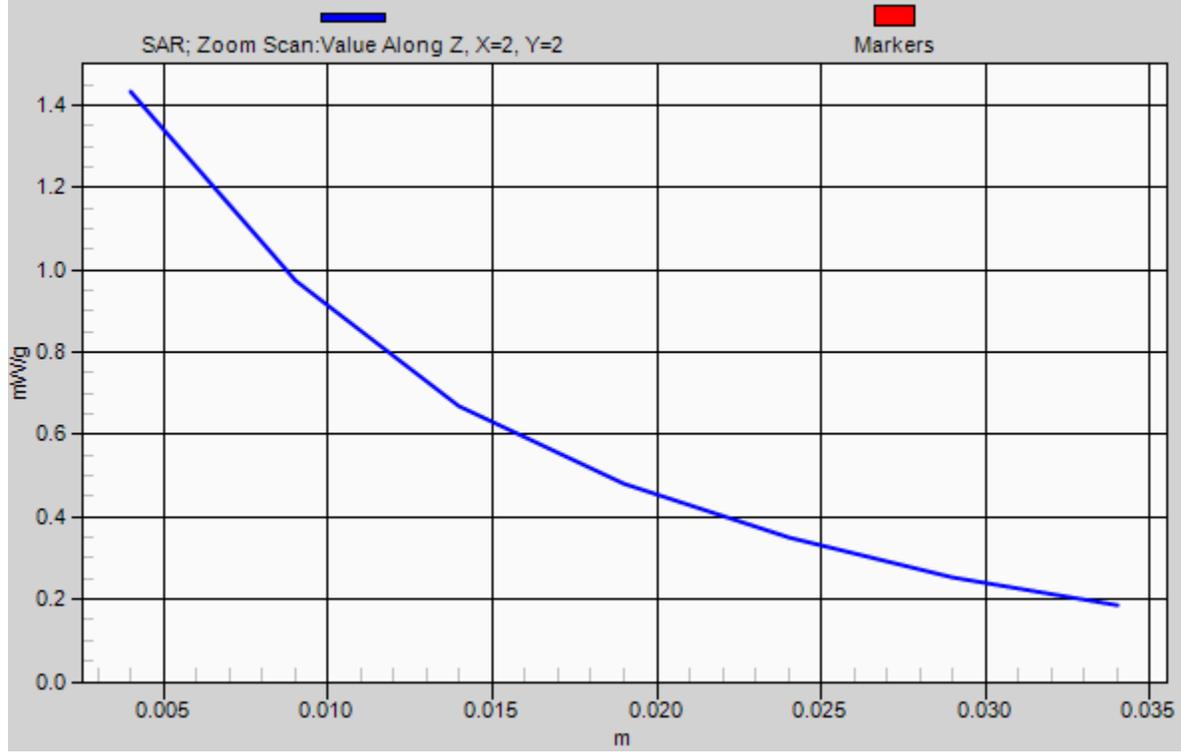**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.4 V/m; Power Drift = -0.065 dB
Peak SAR (extrapolated) = 2.03 W/kg
SAR(1 g) = 1.33 mW/g; SAR(10 g) = 0.897 mW/g
Maximum value of SAR (measured) = 1.43 mW/g

1g/10g Averaged SAR

#19 CDMA2000 BC0_RTAP 153.6k_Front Face_10mm_Ch1013

DUT: 100401

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_850_101003 Medium parameters used: f = 825 MHz; σ = 0.997 mho/m; ε_r = 57.7; ρ =

1000 kg/m^3
Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch1013/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
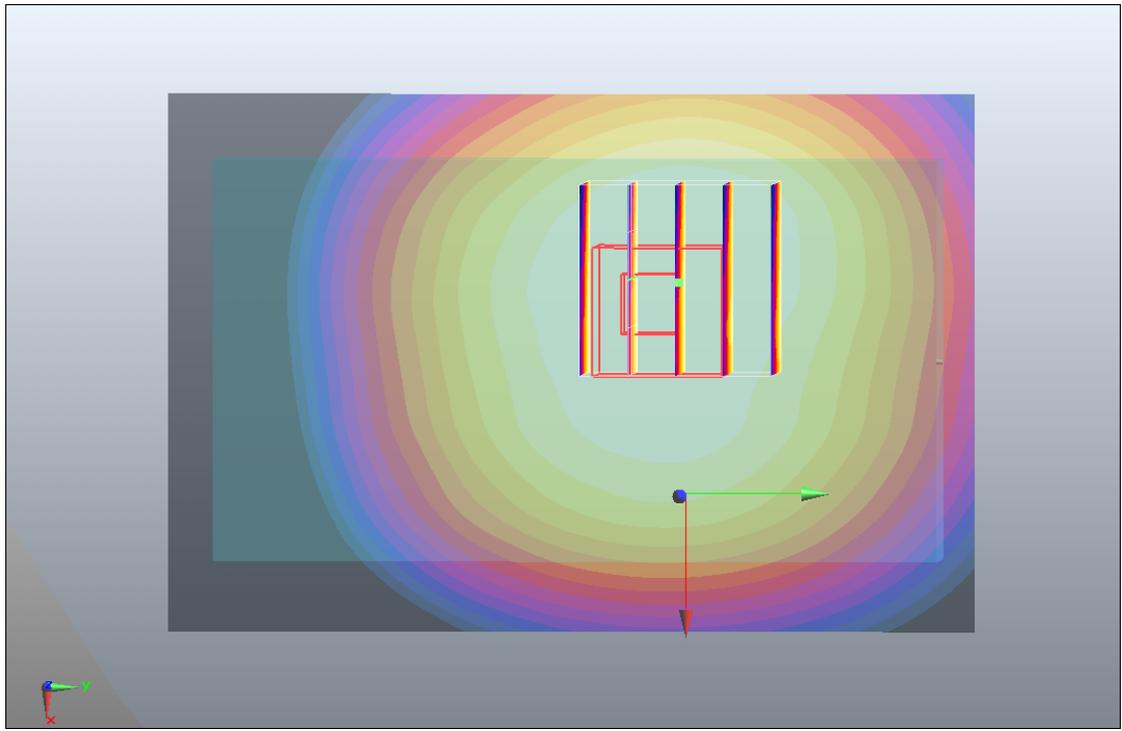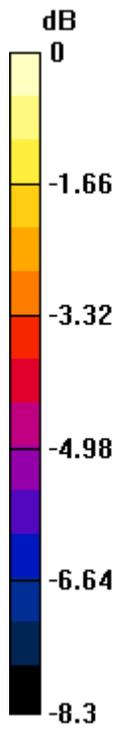Maximum value of SAR (interpolated) = 0.332 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.3 V/m; Power Drift = -0.099 dB
Peak SAR (extrapolated) = 0.374 W/kg
SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.234 mW/g
Maximum value of SAR (measured) = 0.312 mW/g

0 dB = 0.312mW/g

#20 CDMA2000 BC0_RTAP 153.6k_Left Side_10mm_Ch1013

DUT: 100401

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_850_101003 Medium parameters used: f = 825 MHz; σ = 0.997 mho/m; ε_r = 57.7; ρ =

1000 kg/m^3
Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch1013/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm
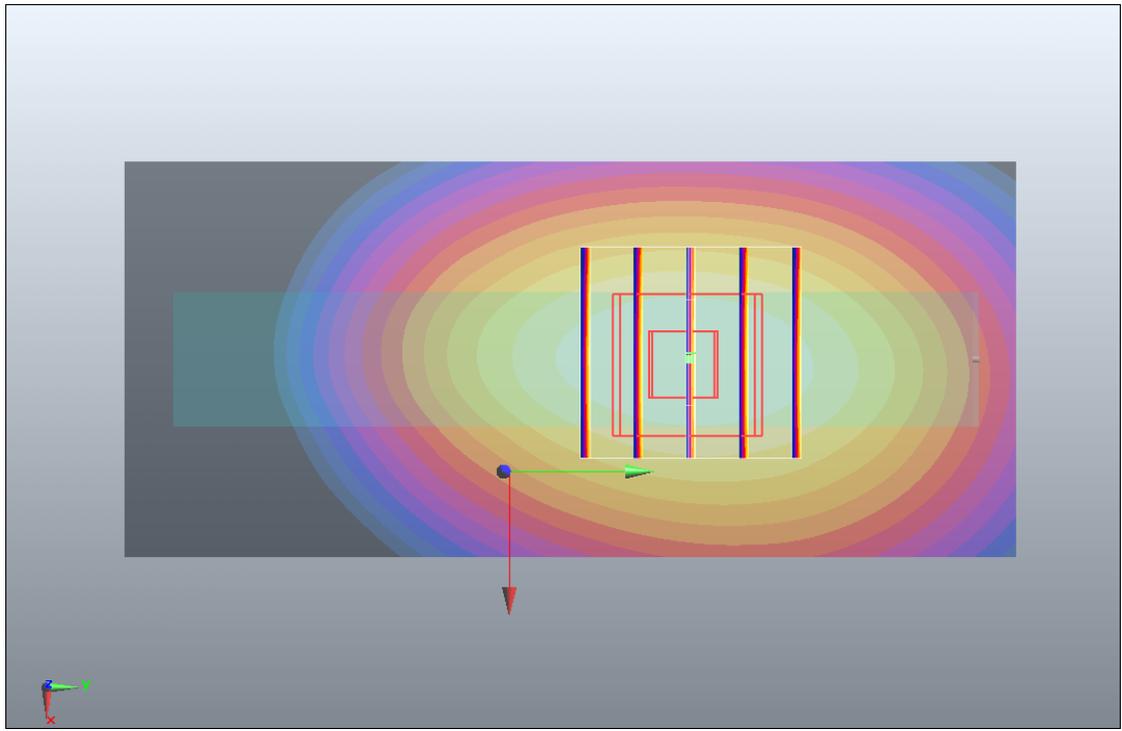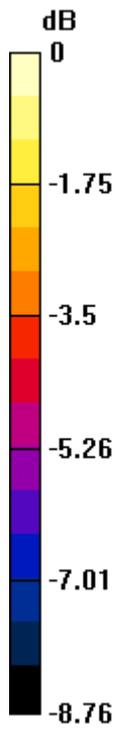Maximum value of SAR (interpolated) = 0.394 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.8 V/m; Power Drift = 0.00662 dB
Peak SAR (extrapolated) = 0.492 W/kg
SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.261 mW/g
Maximum value of SAR (measured) = 0.388 mW/g

0 dB = 0.388mW/g

#21 CDMA2000 BC0_RTAP 153.6k_Right Side_10mm_Ch1013

DUT: 100401

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_850_101003 Medium parameters used: f = 825 MHz; σ = 0.997 mho/m; ε_r = 57.7; ρ =

1000 kg/m^3
Ambient Temperature : 23.6 $^{\circ}$C; Liquid Temperature : 21.5 $^{\circ}$C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch1013/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm
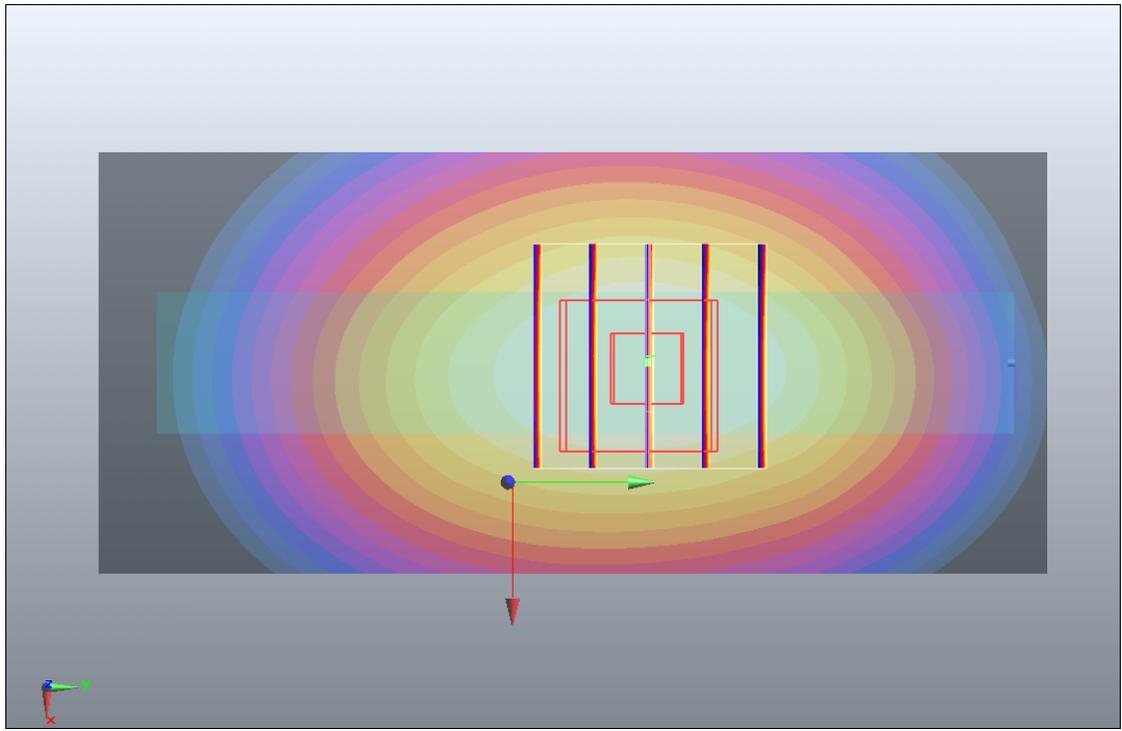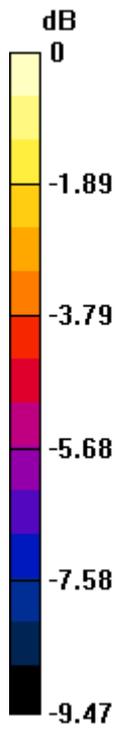Maximum value of SAR (interpolated) = 0.640 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.7 V/m; Power Drift = -0.122 dB
Peak SAR (extrapolated) = 0.741 W/kg
SAR(1 g) = 0.551 mW/g; SAR(10 g) = 0.389 mW/g
Maximum value of SAR (measured) = 0.584 mW/g

0 dB = 0.584mW/g

#22 CDMA2000 BC0_RTAP 153.6k_Top Side_10mm_Ch1013

DUT: 100401

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_850_101003 Medium parameters used: f = 825 MHz; σ = 0.997 mho/m; $ε_r$ = 57.7; ρ =

1000 kg/m^3
Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch1013/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
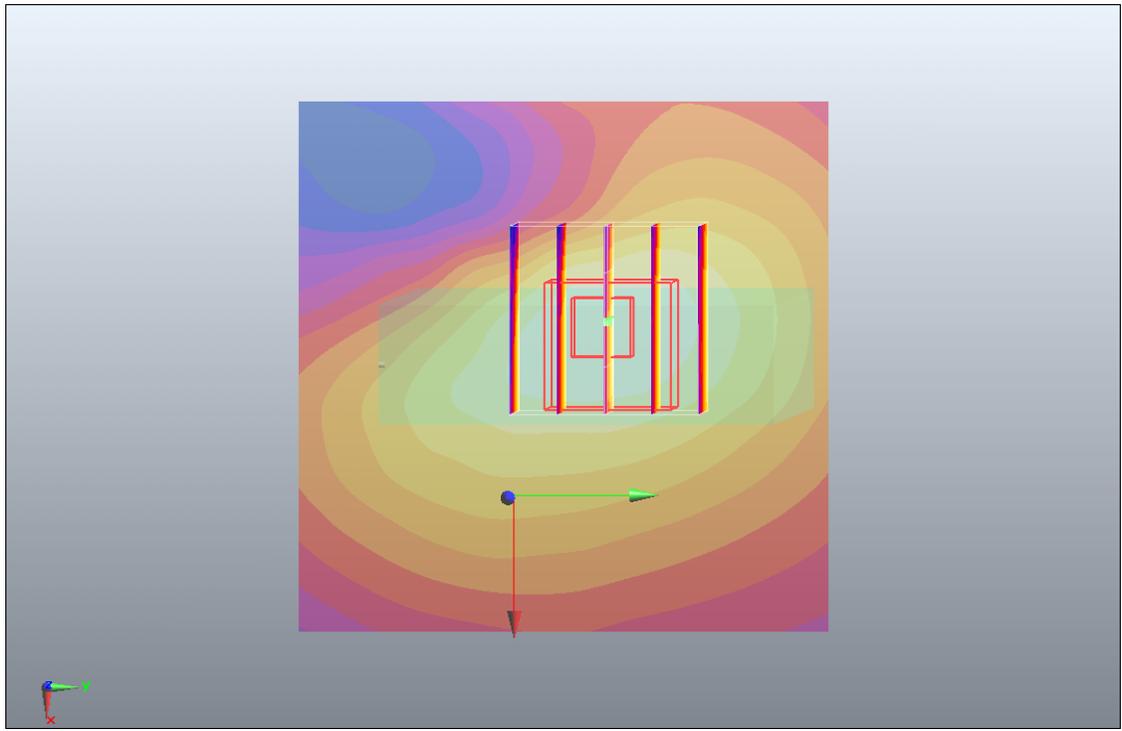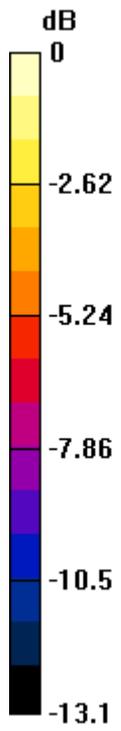Maximum value of SAR (interpolated) = 0.082 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.6 V/m; Power Drift = -0.095 dB
Peak SAR (extrapolated) = 0.110 W/kg
SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.050 mW/g
Maximum value of SAR (measured) = 0.081 mW/g

0 dB = 0.081mW/g

#23 CDMA2000 BC0_RTAP 153.6k_Bottom Side_10mm_Ch1013

DUT: 100401

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_850_101003 Medium parameters used: f = 825 MHz; σ = 0.997 mho/m; ε_r = 57.7; ρ =

1000 kg/m^3
Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch1013/Area Scan (61x41x1): Measurement grid: dx=15mm, dy=15mm
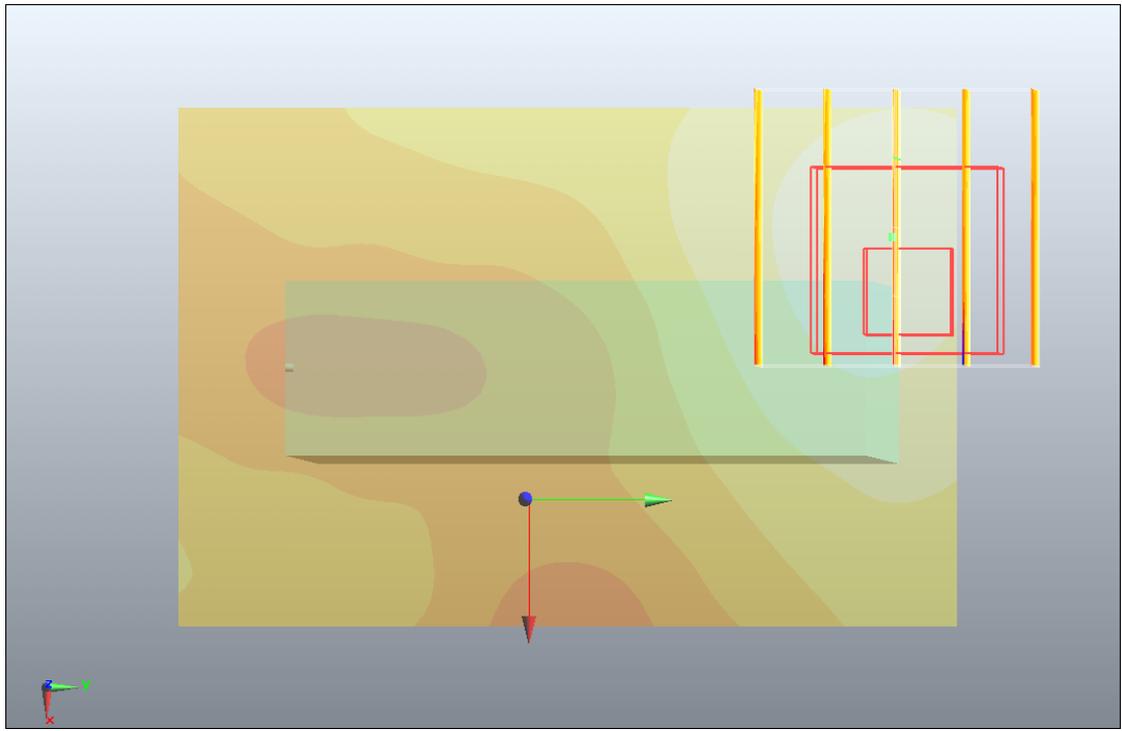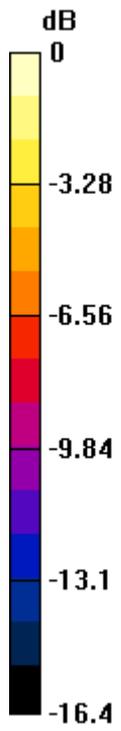Maximum value of SAR (interpolated) = 0.013 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.2 V/m; Power Drift = -0.099 dB
Peak SAR (extrapolated) = 0.015 W/kg
SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00952 mW/g
Maximum value of SAR (measured) = 0.015 mW/g

0 dB = 0.015mW/g

#15 CDMA2000 BC1_RTAP 153.6k_Rear Face_10mm_Ch1175

DUT: 100401

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_101002 Medium parameters used: f = 1909 MHz; σ = 1.54 mho/m; ε_r = 52.4; ρ =

1000 kg/m^3
Ambient Temperature : 23.5 $^\circ$C; Liquid Temperature : 21.4 $^\circ$C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch1175/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
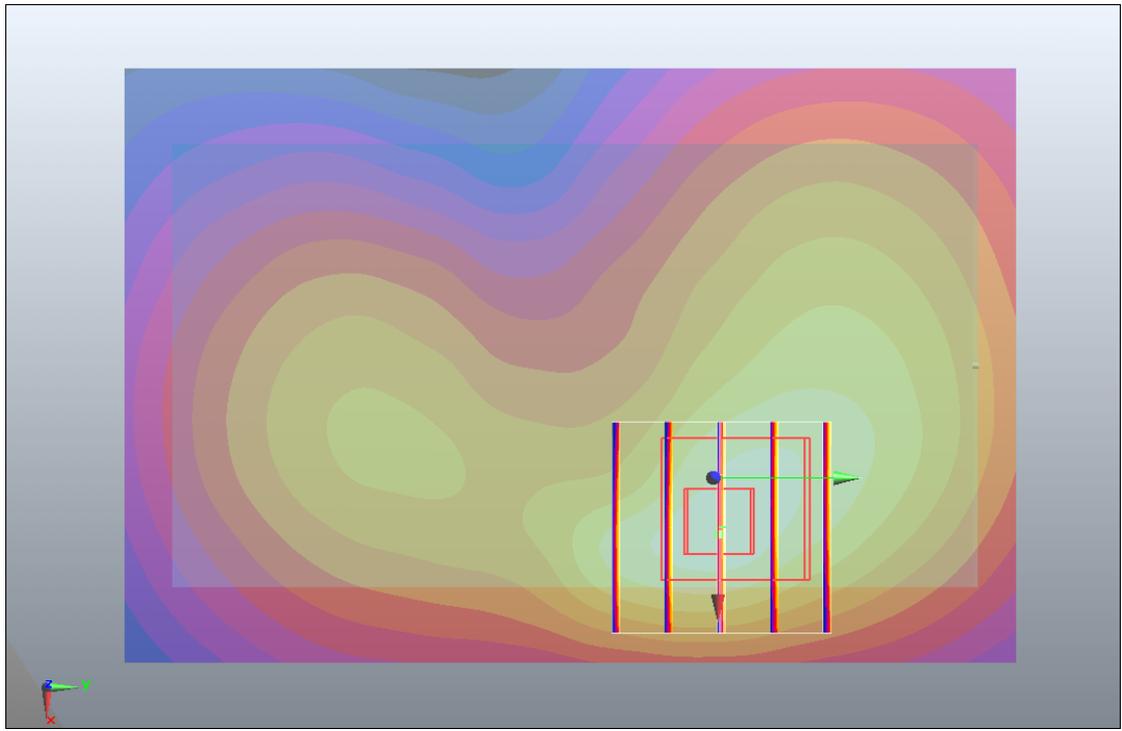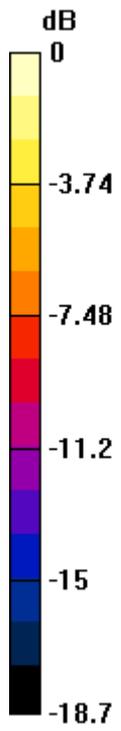Maximum value of SAR (interpolated) = 1.43 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.8 V/m; Power Drift = -0.100 dB
Peak SAR (extrapolated) = 2.33 W/kg
SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.715 mW/g
Maximum value of SAR (measured) = 1.48 mW/g

0 dB = 1.48mW/g

#09 CDMA2000 BC1_RTAP 153.6k_Front Face_10mm_Ch600

DUT: 100401

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_101002 Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε_r = 52.5; ρ =

1000 kg/m^3
Ambient Temperature : 23.5 $^\circ$C; Liquid Temperature : 21.4 $^\circ$C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch600/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
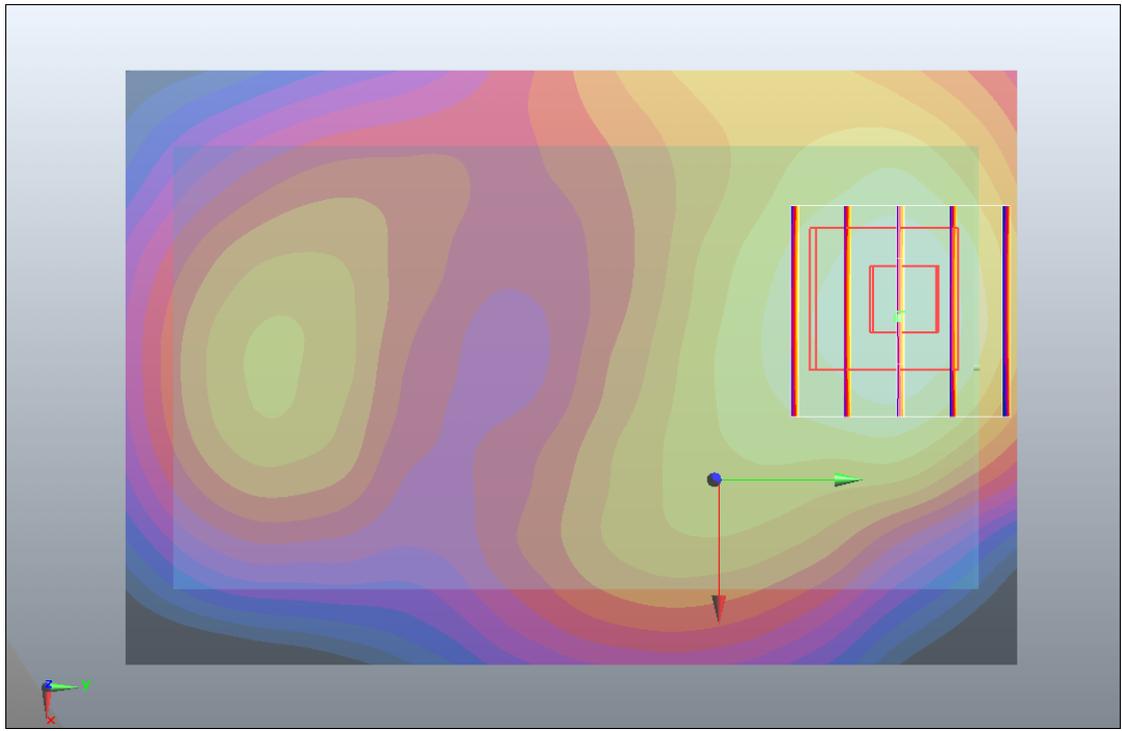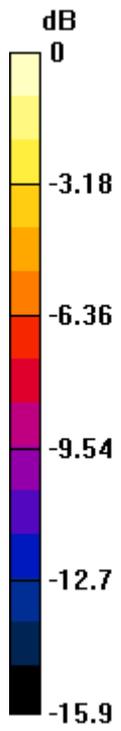Maximum value of SAR (interpolated) = 0.695 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16 V/m; Power Drift = 0.060 dB
Peak SAR (extrapolated) = 0.935 W/kg
SAR(1 g) = 0.608 mW/g; SAR(10 g) = 0.379 mW/g
Maximum value of SAR (measured) = 0.657 mW/g

0 dB = 0.657mW/g

#10 CDMA2000 BC1_RTAP 153.6k_Left Side_10mm_Ch600

DUT: 100401

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_101002 Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε_r = 52.5; ρ =

1000 kg/m^3
Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch600/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm
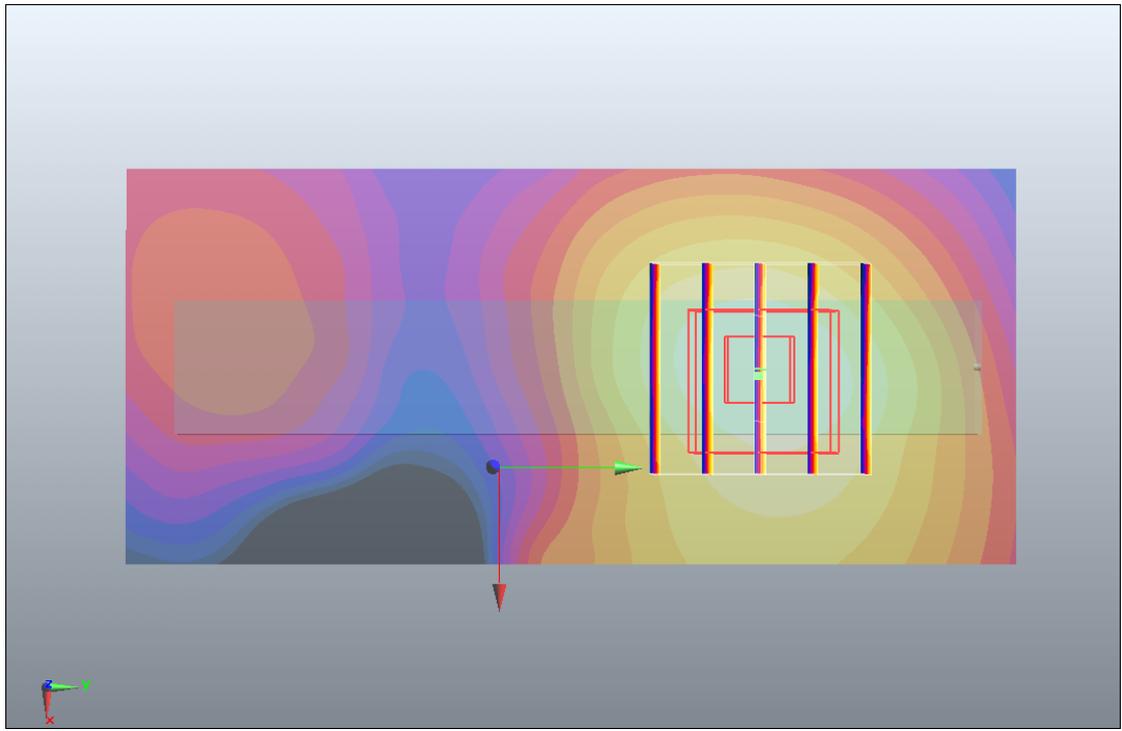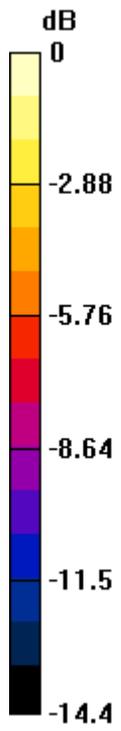Maximum value of SAR (interpolated) = 0.136 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.45 V/m; Power Drift = 0.059 dB
Peak SAR (extrapolated) = 0.192 W/kg
SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.076 mW/g
Maximum value of SAR (measured) = 0.132 mW/g

0 dB = 0.132mW/g

#17 CDMA2000 BC1_RTAP 153.6k_Right Side_10mm_Ch1175

DUT: 100401

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_101002 Medium parameters used: f = 1909 MHz; σ = 1.54 mho/m; ε_r = 52.4; ρ =

1000 kg/m^3
Ambient Temperature : 23.5 $^\circ$C; Liquid Temperature : 21.4 $^\circ$C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch1175/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm
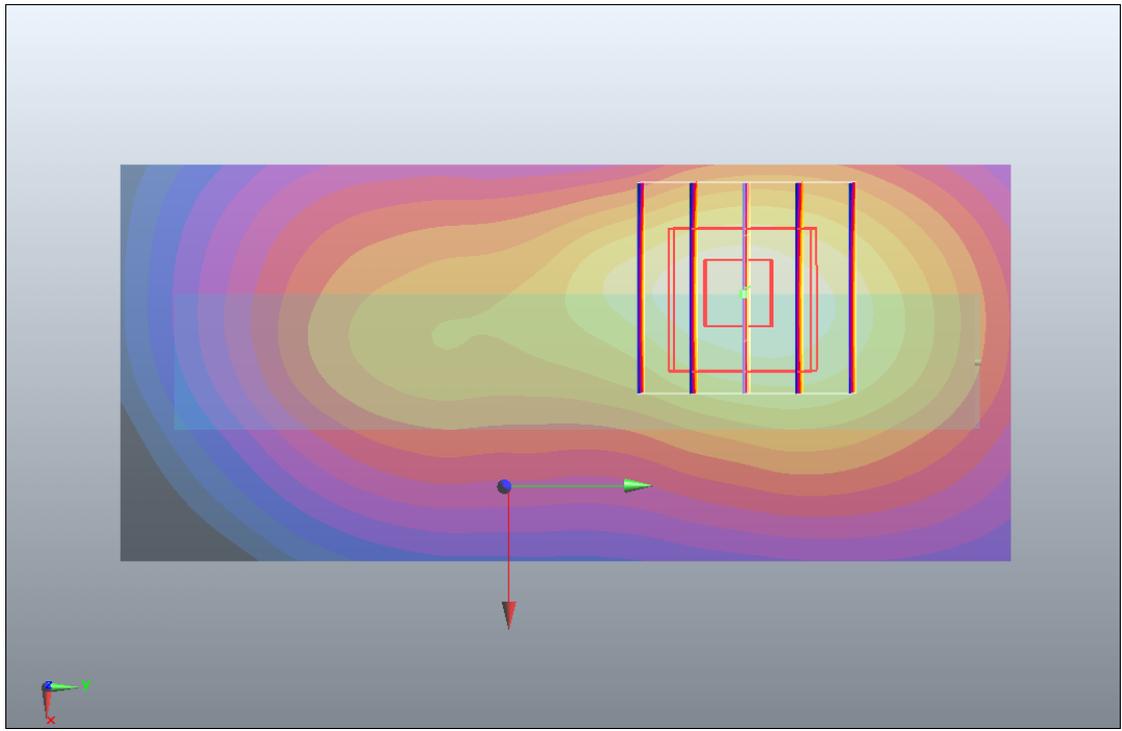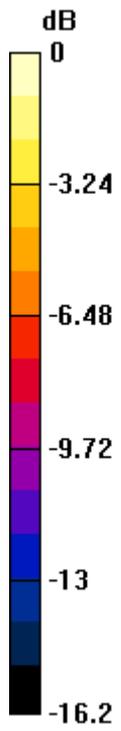Maximum value of SAR (interpolated) = 1.55 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.4 V/m; Power Drift = 0.089 dB
Peak SAR (extrapolated) = 2.29 W/kg
SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.799 mW/g
Maximum value of SAR (measured) = 1.5 mW/g

0 dB = 1.5mW/g

#17 CDMA2000 BC1_RTAP 153.6k_Right Side_10mm_Ch1175_2D

DUT: 100401

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_101002 Medium parameters used: f = 1909 MHz; σ = 1.54 mho/m; ε_r = 52.4; ρ =

1000 kg/m^3
Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch1175/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.55 mW/g

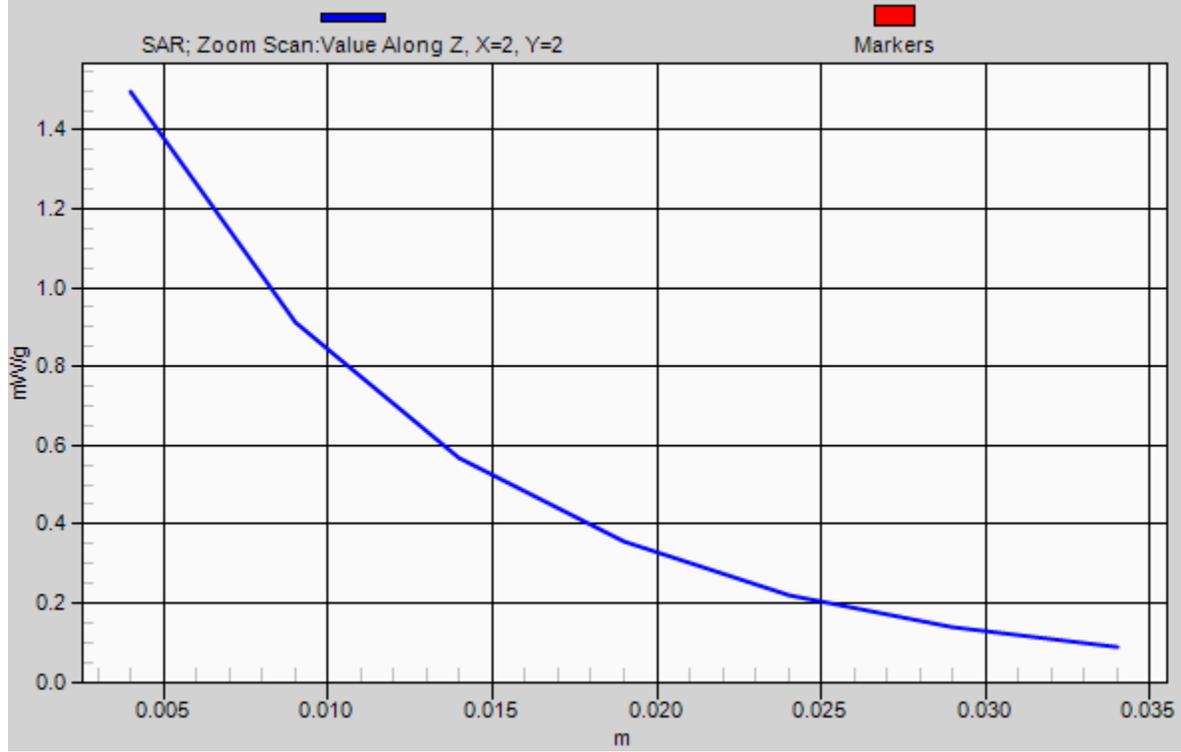**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.4 V/m; Power Drift = 0.089 dB
Peak SAR (extrapolated) = 2.29 W/kg
SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.799 mW/g
Maximum value of SAR (measured) = 1.5 mW/g

1g/10g Averaged SAR

#12 CDMA2000 BC1_RTAP 153.6k_Top Side_10mm_Ch600

DUT: 100401

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_101002 Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε_r = 52.5; ρ =

1000 kg/m^3
Ambient Temperature : 23.5 $^\circ$C; Liquid Temperature : 21.4 $^\circ$C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch600/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.277 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.4 V/m; Power Drift = -0.069 dB
Peak SAR (extrapolated) = 0.384 W/kg
SAR(1 g) = 0.244 mW/g; SAR(10 g) = 0.144 mW/g
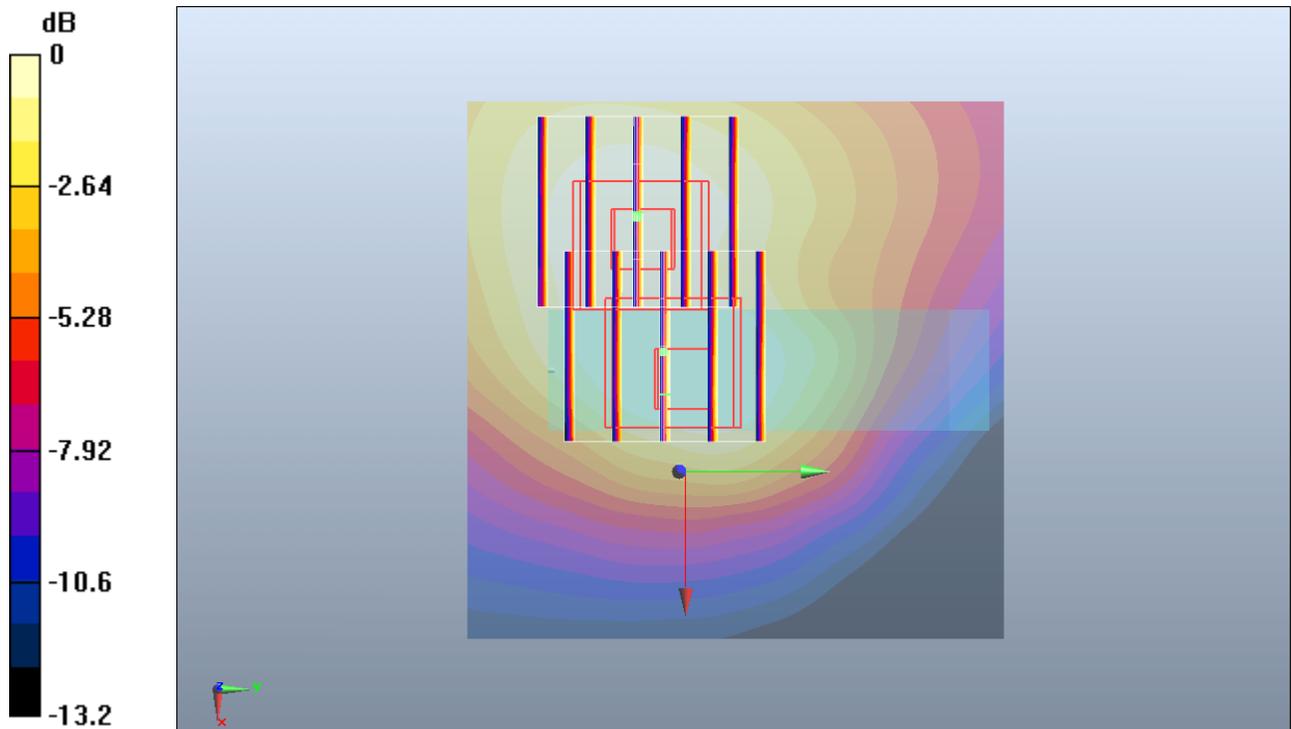Maximum value of SAR (measured) = 0.262 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.4 V/m; Power Drift = -0.069 dB
Peak SAR (extrapolated) = 0.340 W/kg
SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.135 mW/g
Maximum value of SAR (measured) = 0.227 mW/g

0 dB = 0.227mW/g

#13 CDMA2000 BC1_RTAP 153.6k_Bottom Side_10mm_Ch600

DUT: 100401

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_101002 Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε_r = 52.5; ρ =

1000 kg/m^3
Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

Ch600/Area Scan (61x41x1): Measurement grid: dx=15mm, dy=15mm
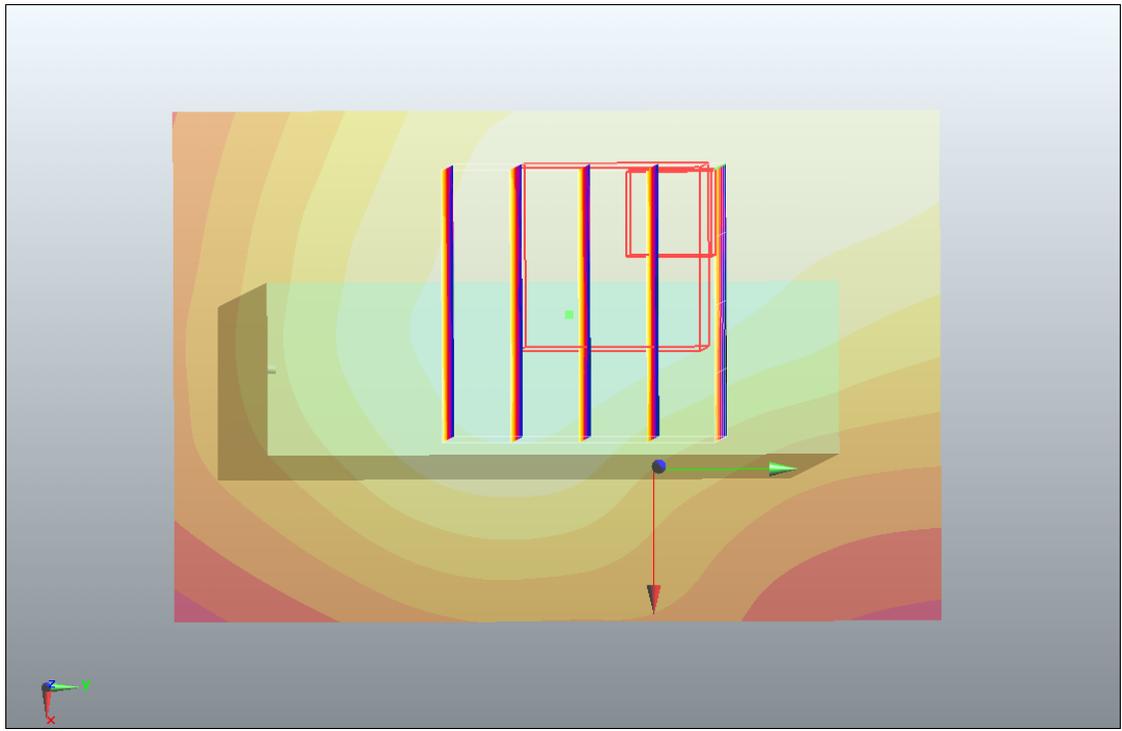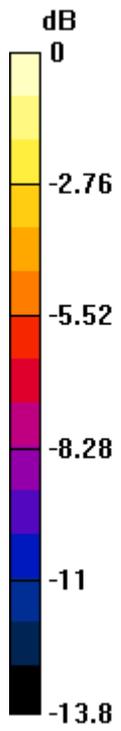Maximum value of SAR (interpolated) = 0.071 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.64 V/m; Power Drift = -0.00101 dB
Peak SAR (extrapolated) = 0.101 W/kg
SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.043 mW/g
Maximum value of SAR (measured) = 0.072 mW/g

0 dB = 0.072mW/g