

#01 GSM850_GPRS10_Horizontal Up_0.5cm_Ch189

DUT: 9D1803

Communication System: GPRS/EDGE 10; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL_850_100406 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- 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

Ch189/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.790 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.4 V/m; Power Drift = -0.085 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.700 mW/g; SAR(10 g) = 0.446 mW/g

Maximum value of SAR (measured) = 0.754 mW/g

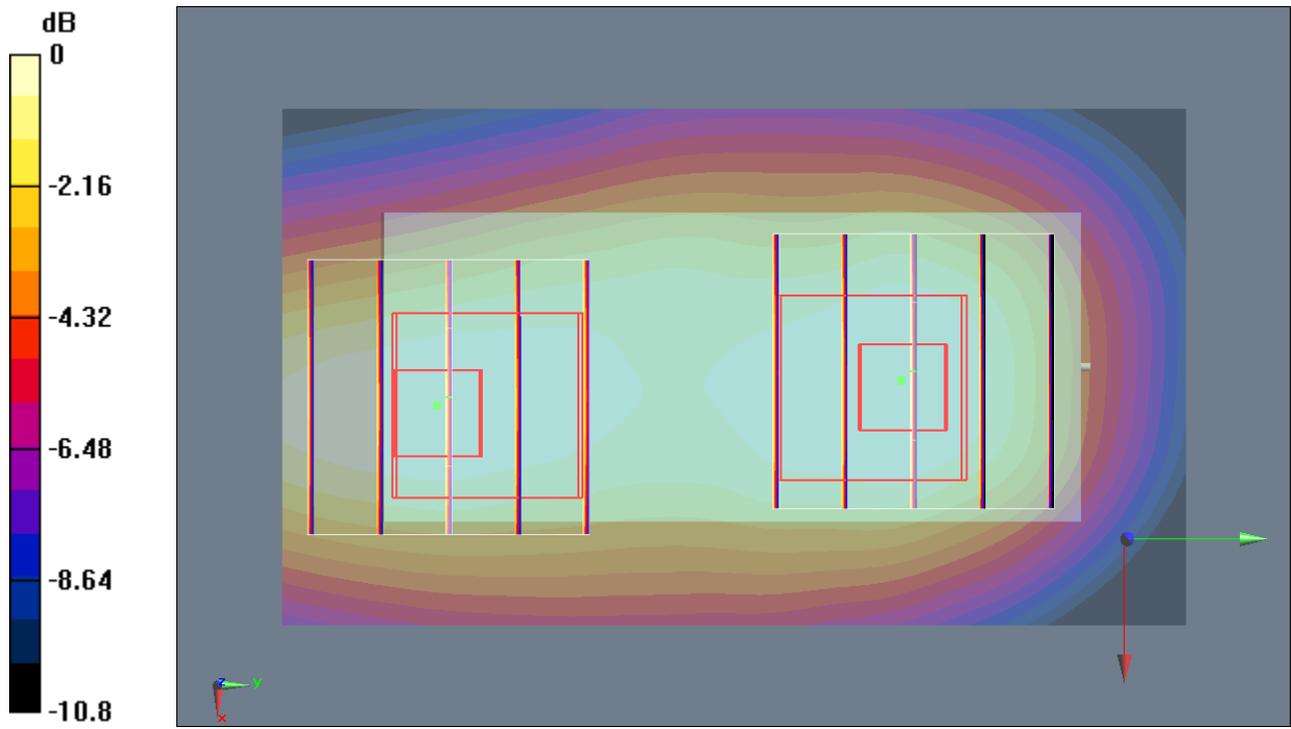
Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.4 V/m; Power Drift = -0.085 dB

Peak SAR (extrapolated) = 0.940 W/kg

SAR(1 g) = 0.639 mW/g; SAR(10 g) = 0.433 mW/g

Maximum value of SAR (measured) = 0.689 mW/g



0 dB = 0.689mW/g

#06 GSM850_GPRS10_Horizontal Down_0.5cm_Ch128

DUT: 9D1803

Communication System: GPRS/EDGE 10; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL_850_100406 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 55.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- 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

Ch128/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.07 mW/g

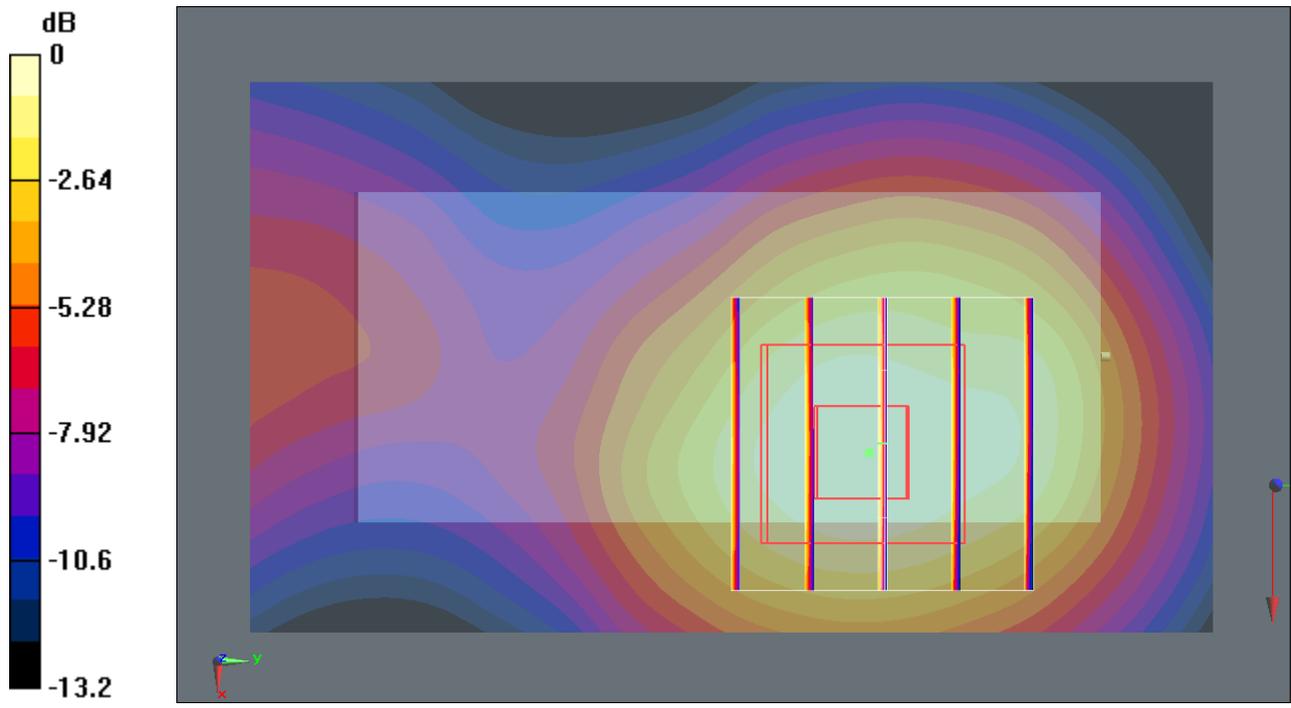
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.96 V/m; Power Drift = -0.156 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.961 mW/g; SAR(10 g) = 0.607 mW/g

Maximum value of SAR (measured) = 1.03 mW/g



0 dB = 1.03mW/g

#06 GSM850_GPRS10_Horizontal Down_0.5cm_Ch128_2D

DUT: 9D1803

Communication System: GPRS/EDGE 10; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL_850_100406 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 55.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- 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

Ch128/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.07 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

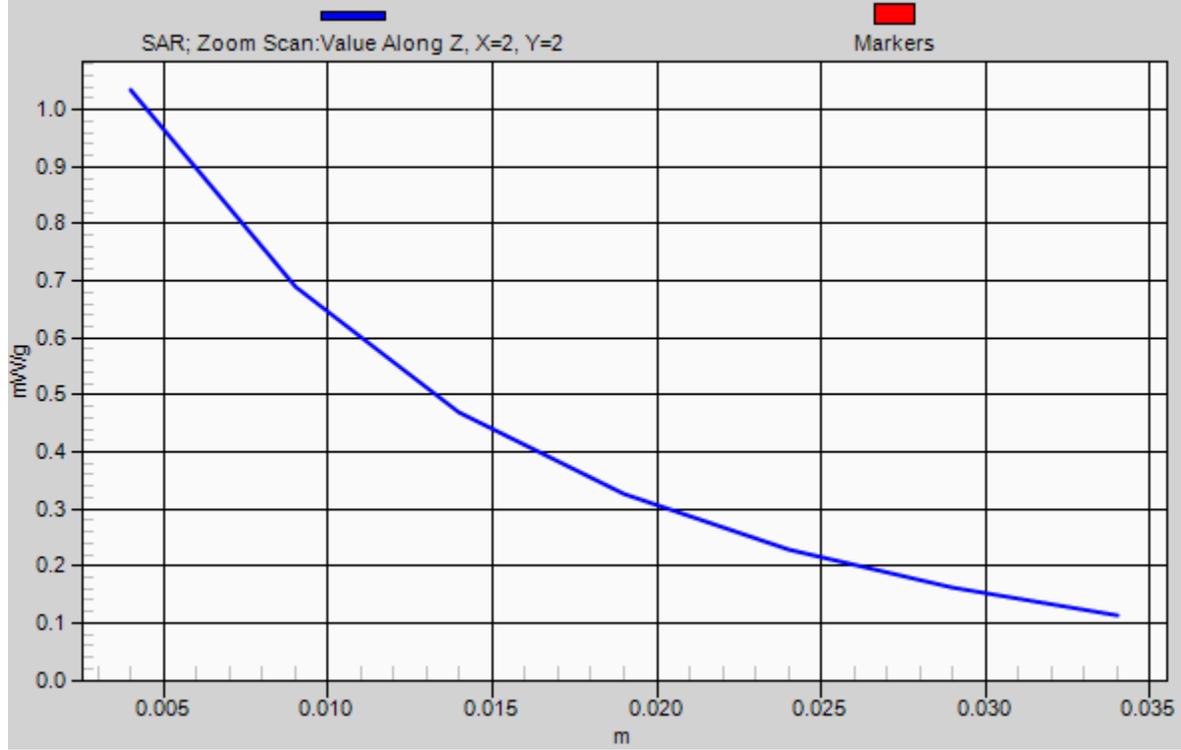
Reference Value = 9.96 V/m; Power Drift = -0.156 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.961 mW/g; SAR(10 g) = 0.607 mW/g

Maximum value of SAR (measured) = 1.03 mW/g

1g/10g Averaged SAR



#03 GSM850_GPRS10_Vertical Front_0.5cm_Ch189

DUT: 9D1803

Communication System: GPRS/EDGE 10; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL_850_100406 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- 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

Ch189/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.466 mW/g

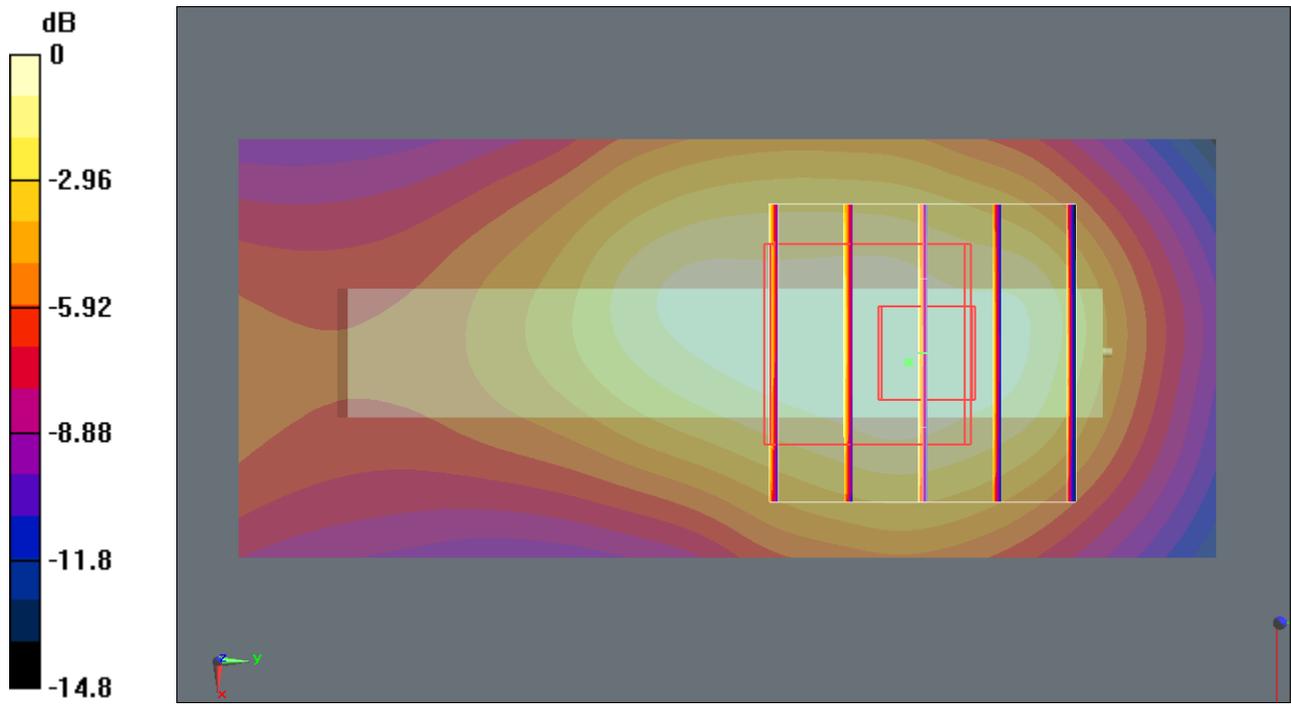
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.02 V/m; Power Drift = 0.051 dB

Peak SAR (extrapolated) = 0.725 W/kg

SAR(1 g) = 0.413 mW/g; SAR(10 g) = 0.258 mW/g

Maximum value of SAR (measured) = 0.450 mW/g



0 dB = 0.450mW/g

#04 GSM850_GPRS10_Vertical Back_0.5cm_Ch189

DUT: 9D1803

Communication System: GPRS/EDGE 10; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL_850_100406 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- 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

Ch189/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.504 mW/g

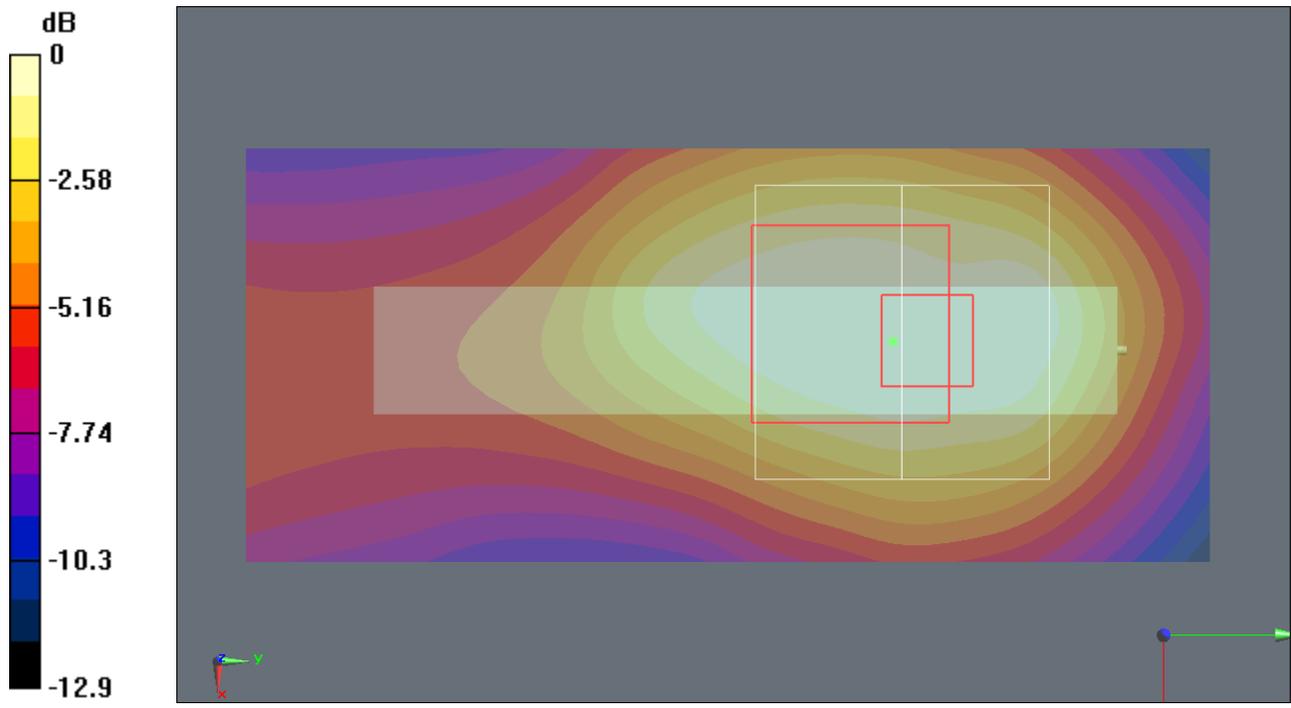
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.7 V/m; Power Drift = 0.034 dB

Peak SAR (extrapolated) = 0.732 W/kg

SAR(1 g) = 0.443 mW/g; SAR(10 g) = 0.286 mW/g

Maximum value of SAR (measured) = 0.476 mW/g



0 dB = 0.476mW/g

#05 GSM850_GPRS10_Tip_0.5cm_Ch189

DUT: 9D1803

Communication System: GPRS/EDGE 10; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL_850_100406 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- 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

Ch189/Area Scan (41x31x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.318 mW/g

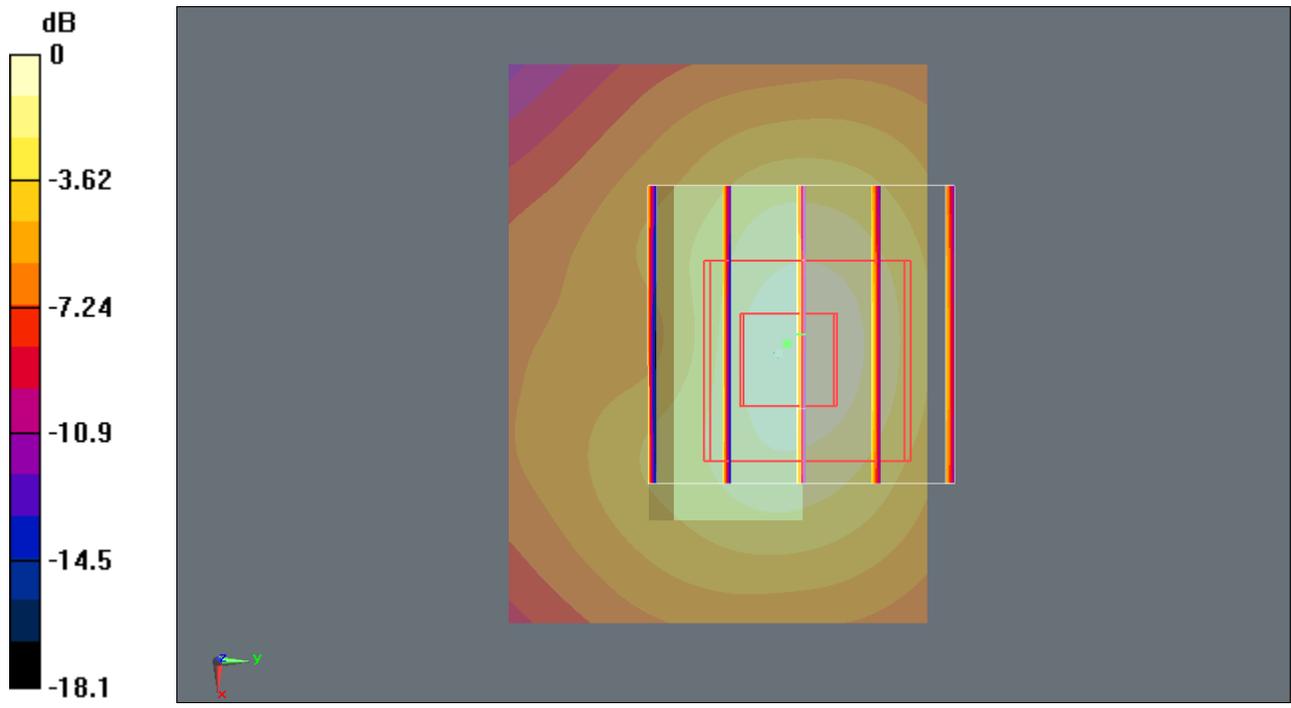
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.86 V/m; Power Drift = -0.124 dB

Peak SAR (extrapolated) = 0.533 W/kg

SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.145 mW/g

Maximum value of SAR (measured) = 0.308 mW/g



0 dB = 0.308mW/g

#43 GSM1900_GPRS10_Horizontal Up_0.5cm_Ch661

DUT: 9D1803

Communication System: GPRS/EDGE 10; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_100403 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- 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

Ch661/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.530 mW/g

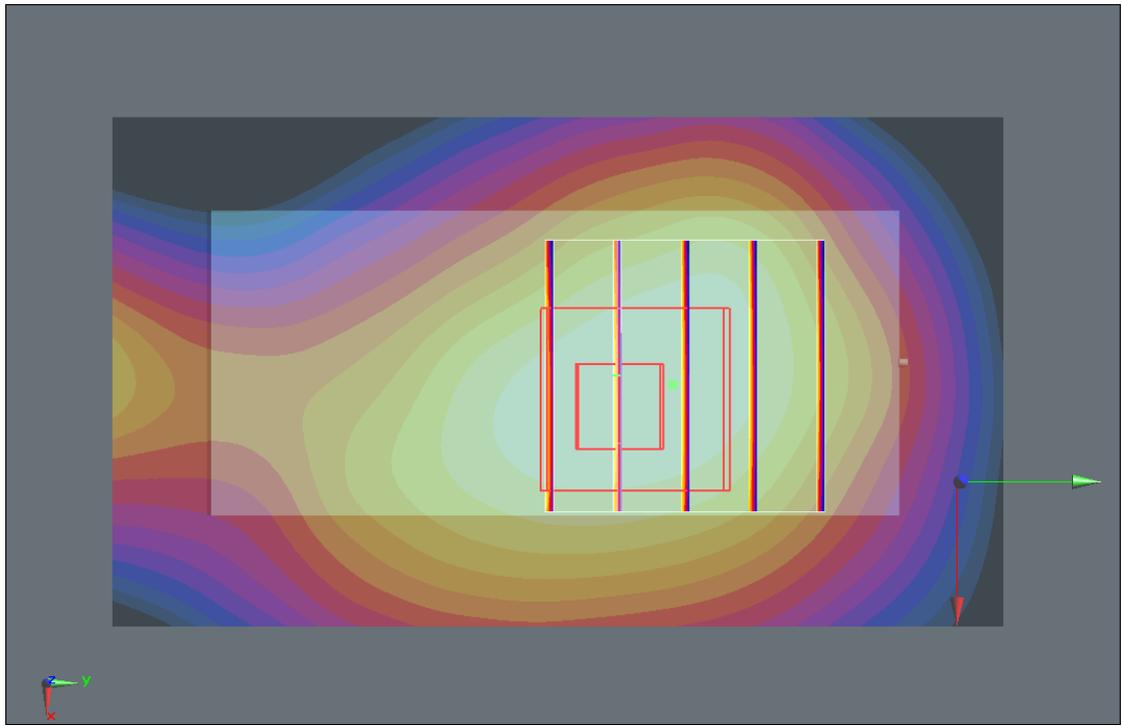
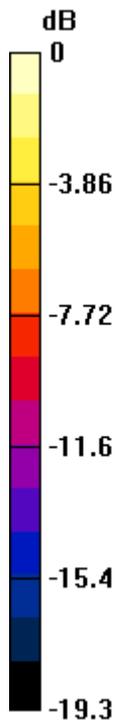
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.48 V/m; Power Drift = -0.122 dB

Peak SAR (extrapolated) = 0.780 W/kg

SAR(1 g) = 0.471 mW/g; SAR(10 g) = 0.267 mW/g

Maximum value of SAR (measured) = 0.499 mW/g



0 dB = 0.499mW/g

#44 GSM1900_GPRS10_Horizontal Down_0.5cm_Ch661

DUT: 9D1803

Communication System: GPRS/EDGE 10; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_100403 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- 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

Ch661/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.515 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.82 V/m; Power Drift = 0.135 dB

Peak SAR (extrapolated) = 0.773 W/kg

SAR(1 g) = 0.489 mW/g; SAR(10 g) = 0.297 mW/g

Maximum value of SAR (measured) = 0.519 mW/g

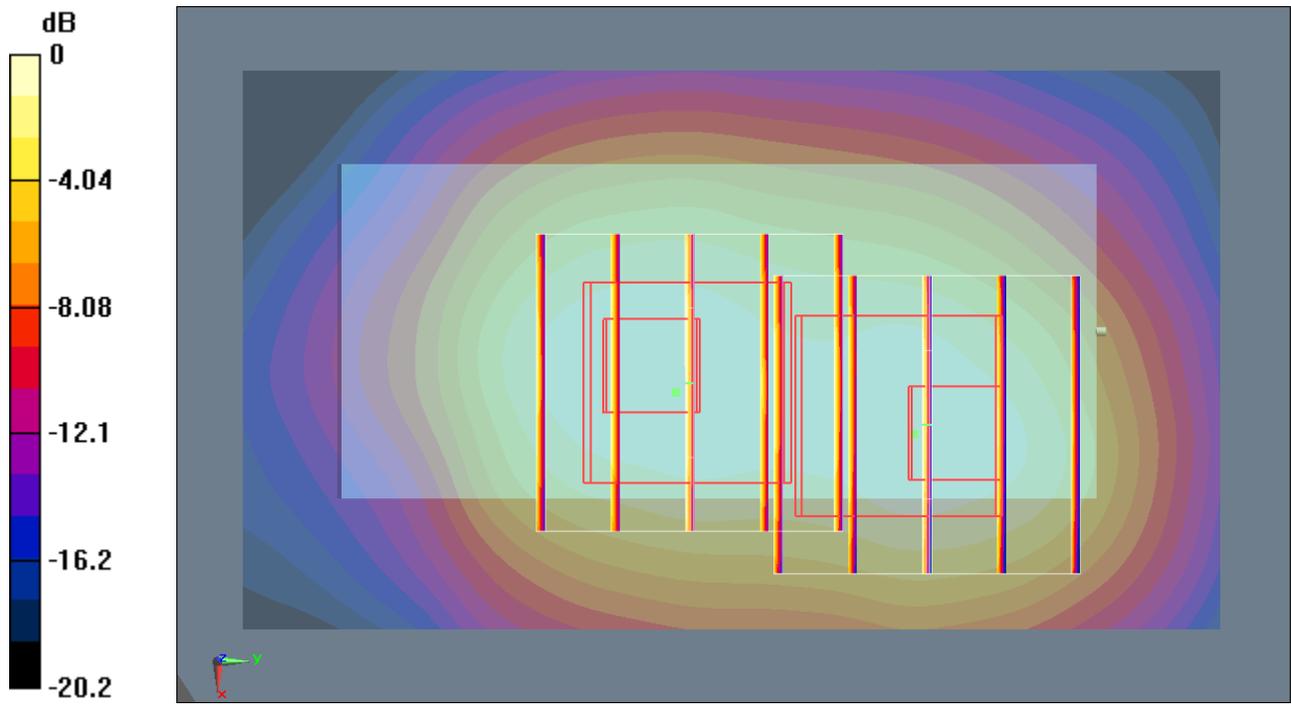
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.82 V/m; Power Drift = 0.135 dB

Peak SAR (extrapolated) = 0.889 W/kg

SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.271 mW/g

Maximum value of SAR (measured) = 0.504 mW/g



0 dB = 0.504mW/g

#44 GSM1900_GPRS10_Horizontal Down_0.5cm_Ch661_2D

DUT: 9D1803

Communication System: GPRS/EDGE 10; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_100403 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- 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

Ch661/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.515 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.82 V/m; Power Drift = 0.135 dB

Peak SAR (extrapolated) = 0.773 W/kg

SAR(1 g) = 0.489 mW/g; SAR(10 g) = 0.297 mW/g

Maximum value of SAR (measured) = 0.519 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

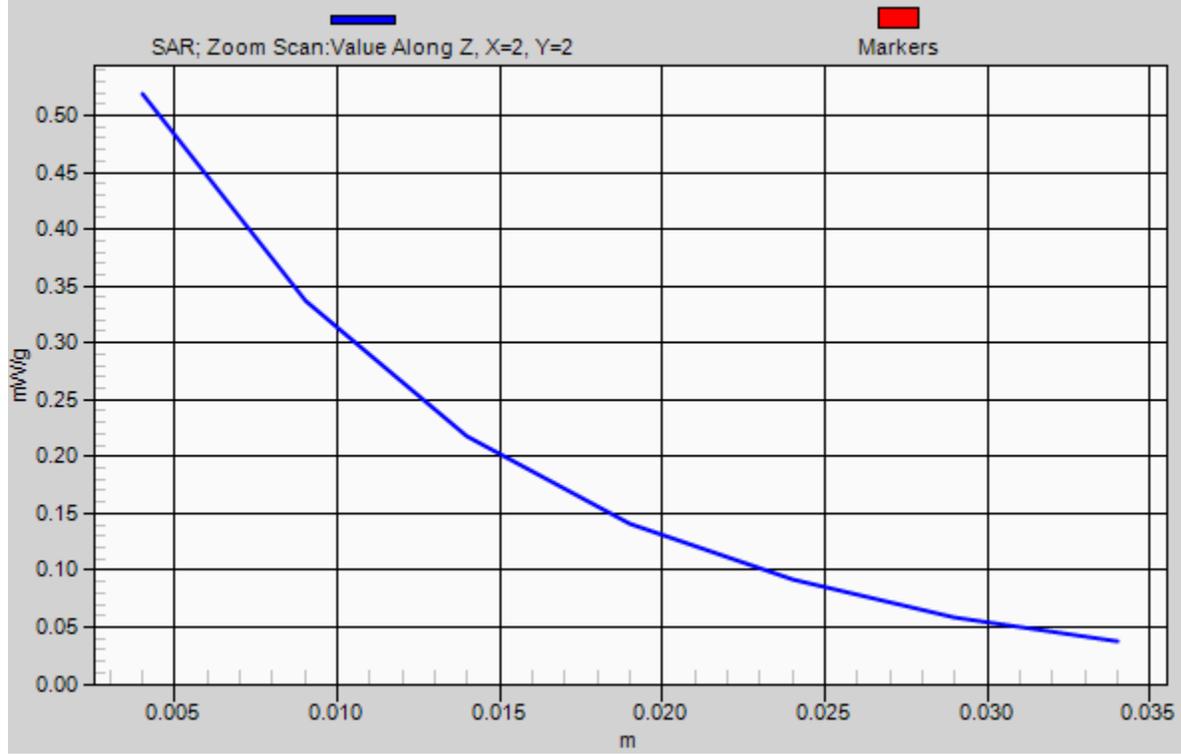
Reference Value = 1.82 V/m; Power Drift = 0.135 dB

Peak SAR (extrapolated) = 0.889 W/kg

SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.271 mW/g

Maximum value of SAR (measured) = 0.504 mW/g

1g/10g Averaged SAR



#45 GSM1900_GPRS10_Verical Front_0.5cm_Ch661

DUT: 9D1803

Communication System: GPRS/EDGE 10; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_100403 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- 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

Ch661/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.389 mW/g

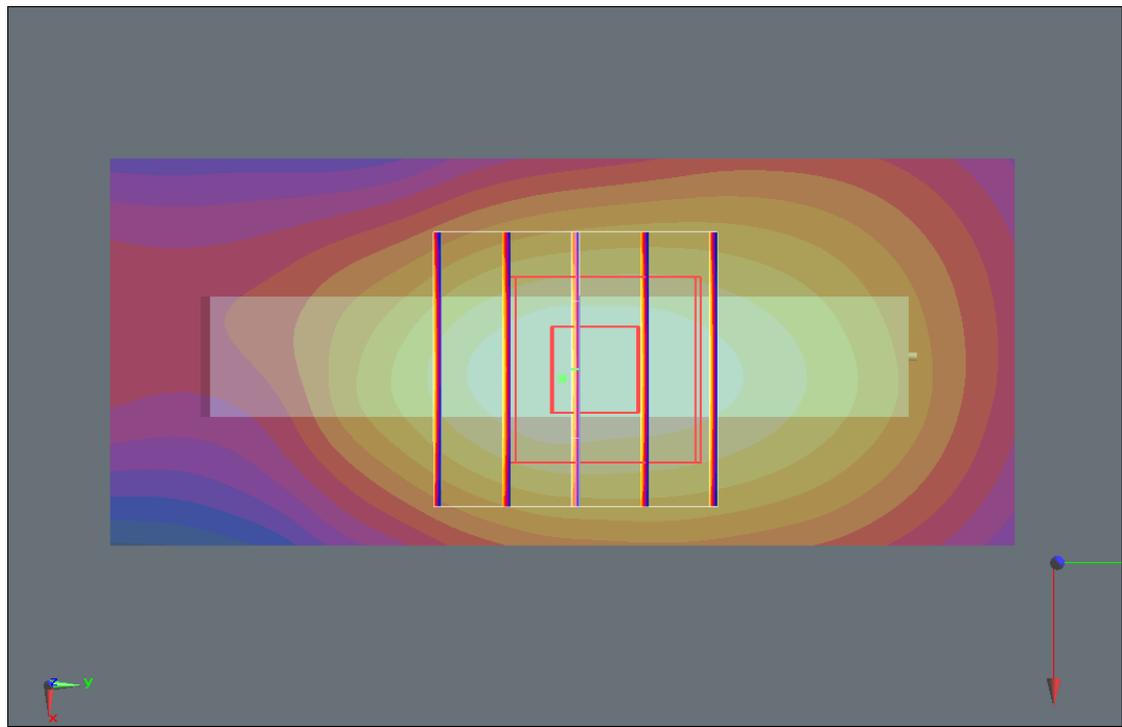
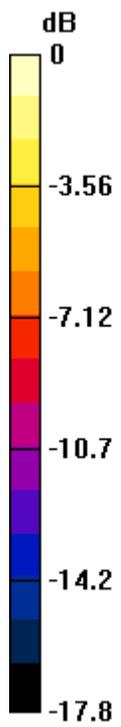
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.86 V/m; Power Drift = 0.107 dB

Peak SAR (extrapolated) = 0.565 W/kg

SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.191 mW/g

Maximum value of SAR (measured) = 0.374 mW/g



0 dB = 0.374mW/g

#46 GSM1900_GPRS10_Vertical Back_0.5cm_Ch661

DUT: 9D1803

Communication System: GPRS/EDGE 10; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_100403 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

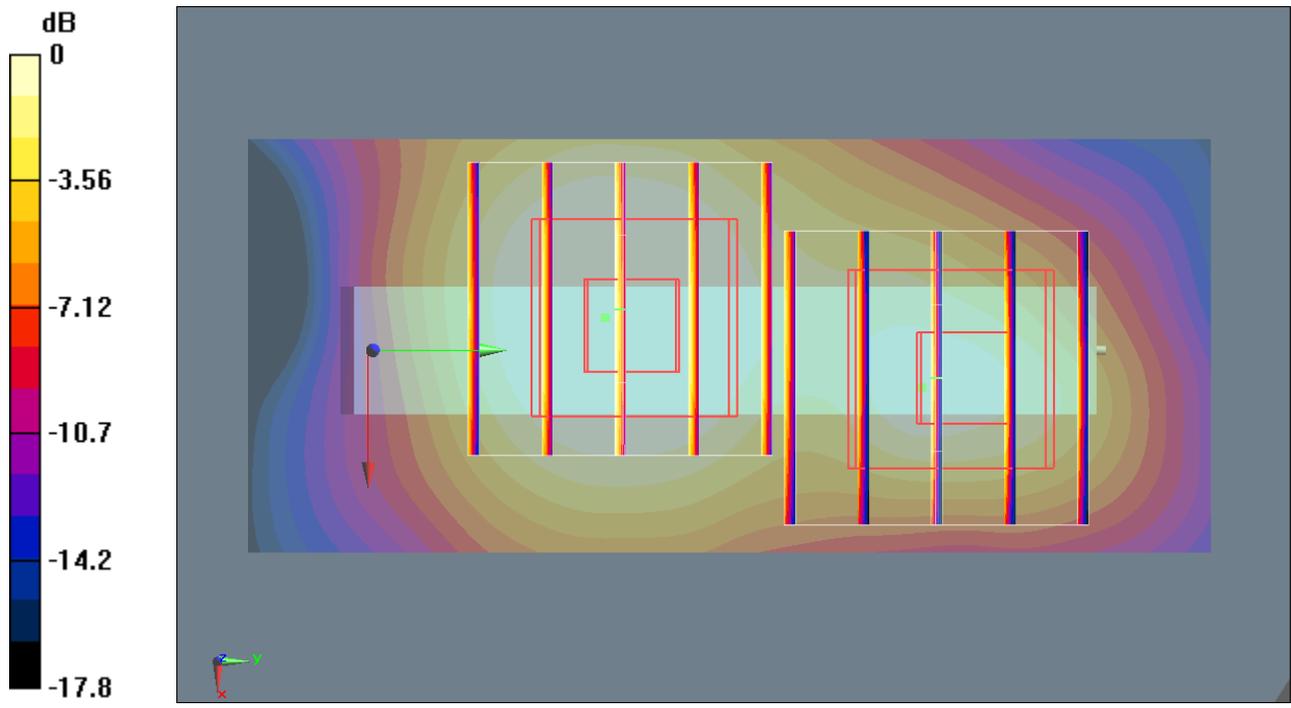
DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- 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

Ch661/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.223 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.13 V/m; Power Drift = 0.135 dB
Peak SAR (extrapolated) = 0.326 W/kg
SAR(1 g) = 0.202 mW/g; SAR(10 g) = 0.117 mW/g
Maximum value of SAR (measured) = 0.221 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.13 V/m; Power Drift = 0.135 dB
Peak SAR (extrapolated) = 0.310 W/kg
SAR(1 g) = 0.148 mW/g; SAR(10 g) = 0.068 mW/g
Maximum value of SAR (measured) = 0.159 mW/g



0 dB = 0.159mW/g

#47 GSM1900_GPRS10_Tip_0.5cm_Ch661

DUT: 9D1803

Communication System: GPRS/EDGE 10; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_100403 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- 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

Ch661/Area Scan (41x31x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.206 mW/g

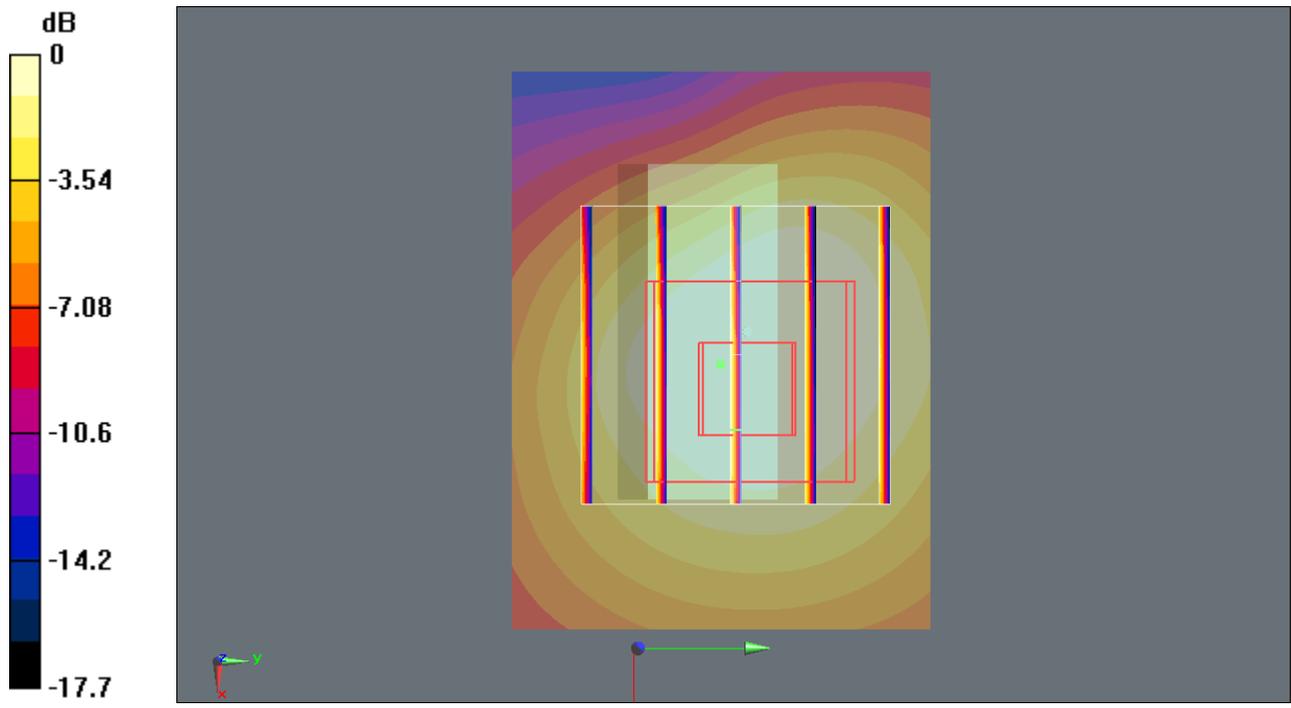
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.29 V/m; Power Drift = -0.012 dB

Peak SAR (extrapolated) = 0.302 W/kg

SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.102 mW/g

Maximum value of SAR (measured) = 0.182 mW/g



0 dB = 0.182mW/g

#15 WCDMA V_RMC 12.2K_Horizontal Up_0.5cm_Ch4182

DUT: 9D1803

Communication System: UMTS; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_100406 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- 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

Ch4182/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.568 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.9 V/m; Power Drift = 0.102 dB

Peak SAR (extrapolated) = 0.806 W/kg

SAR(1 g) = 0.514 mW/g; SAR(10 g) = 0.326 mW/g

Maximum value of SAR (measured) = 0.558 mW/g

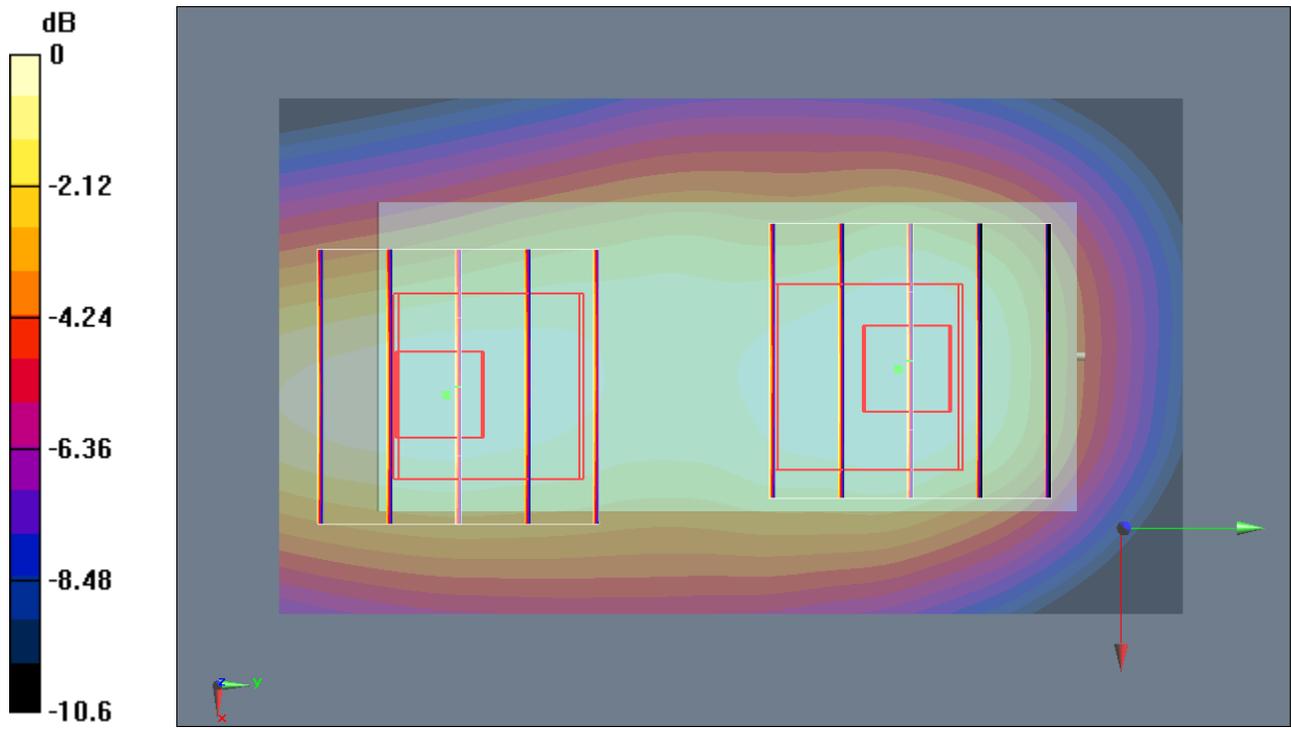
Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.9 V/m; Power Drift = 0.102 dB

Peak SAR (extrapolated) = 0.700 W/kg

SAR(1 g) = 0.472 mW/g; SAR(10 g) = 0.321 mW/g

Maximum value of SAR (measured) = 0.504 mW/g



0 dB = 0.504mW/g

#21 WCDMA V_RMC 12.2K_Horizontal Down_0.5cm_Ch4233

DUT: 9D1803

Communication System: UMTS; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL_850_100406 Medium parameters used: $f = 847$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- 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

Ch4233/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.806 mW/g

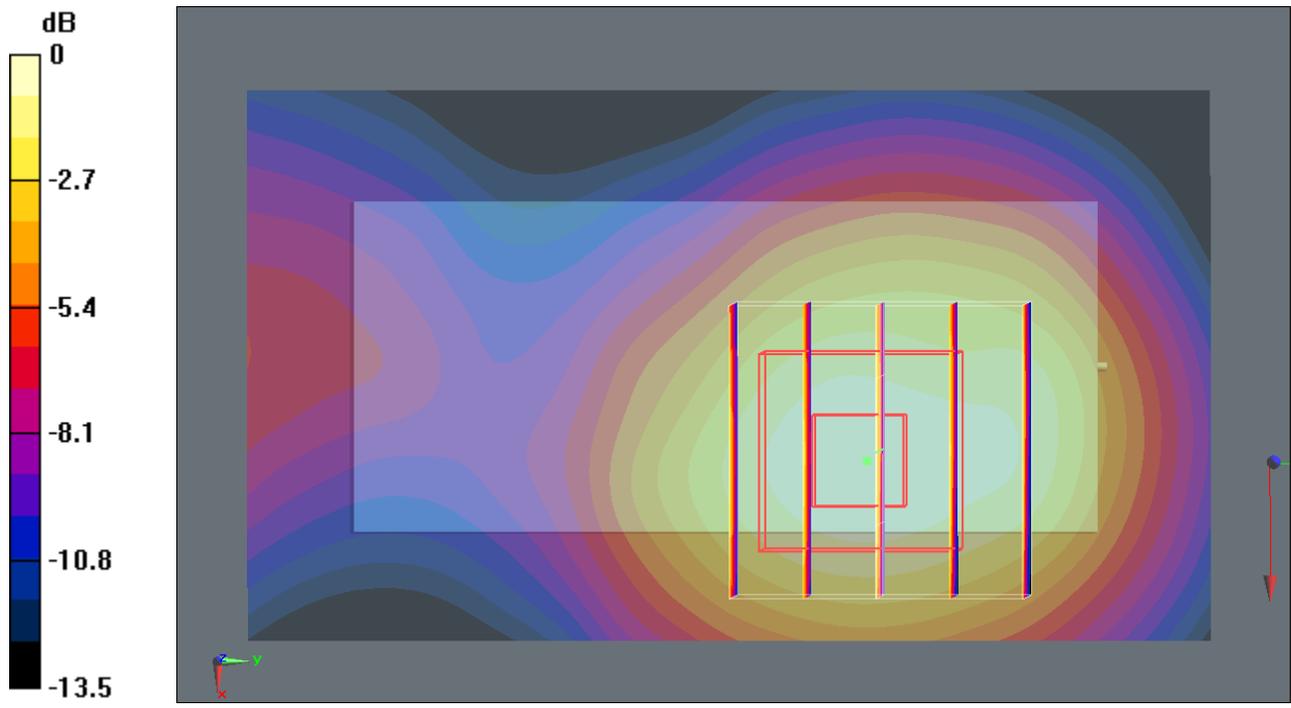
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.72 V/m; Power Drift = 0.038 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.738 mW/g; SAR(10 g) = 0.461 mW/g

Maximum value of SAR (measured) = 0.802 mW/g



0 dB = 0.802mW/g

#21 WCDMA V_RMC 12.2K_Horizontal Down_0.5cm_Ch4233_2D

DUT: 9D1803

Communication System: UMTS; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL_850_100406 Medium parameters used: $f = 847$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- 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

Ch4233/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.806 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

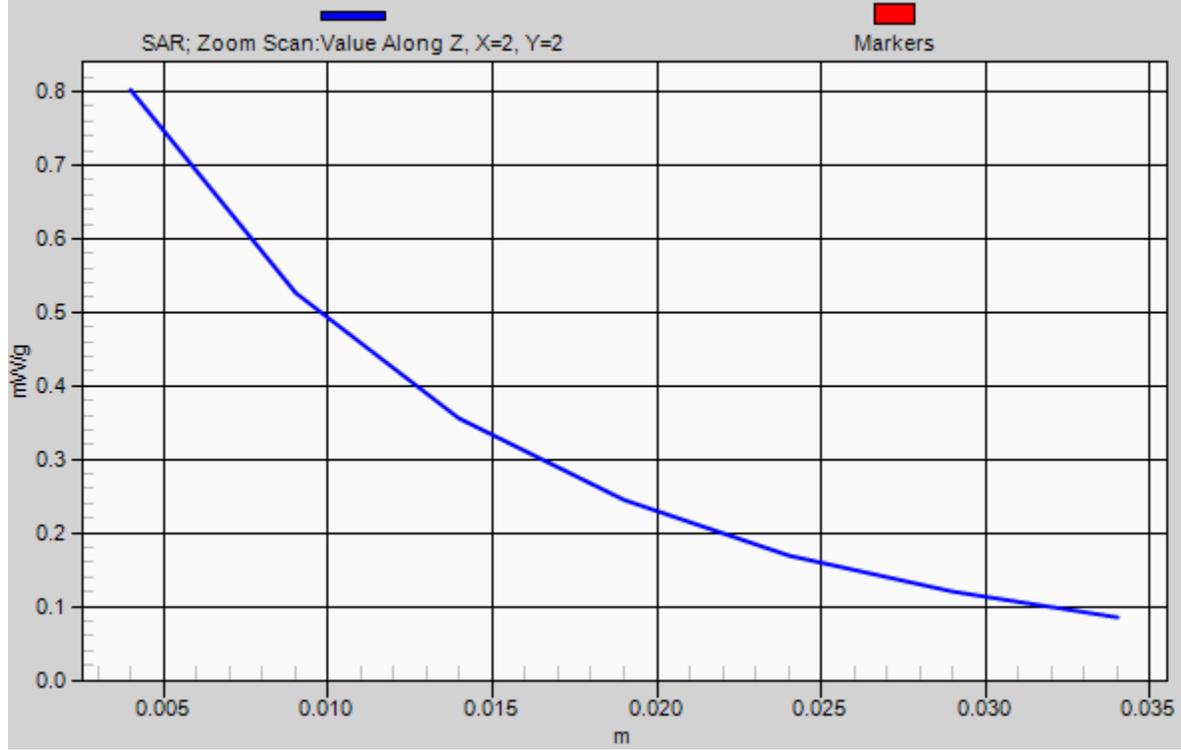
Reference Value = 8.72 V/m; Power Drift = 0.038 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.738 mW/g; SAR(10 g) = 0.461 mW/g

Maximum value of SAR (measured) = 0.802 mW/g

1g/10g Averaged SAR



#17 WCDMA V_RMC 12.2K_Vertical Front_0.5cm_Ch4182

DUT: 9D1803

Communication System: UMTS; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_100406 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- 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

Ch4182/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.274 mW/g

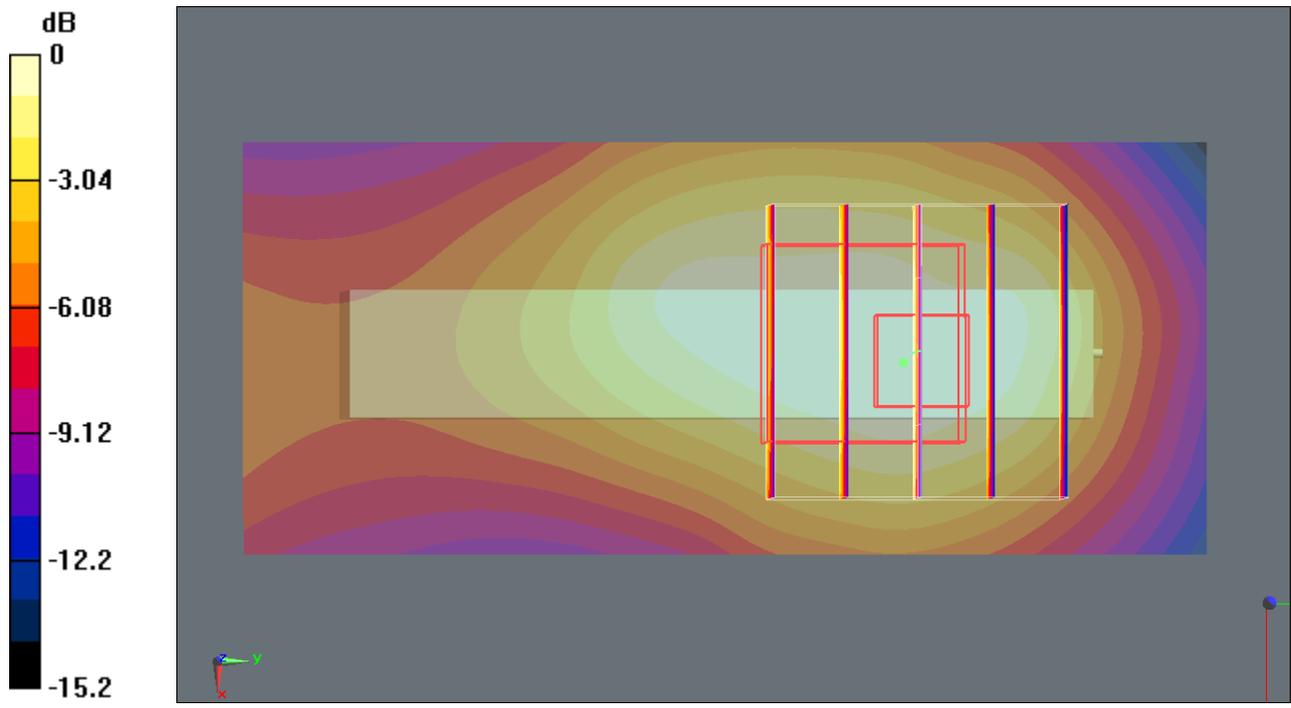
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.59 V/m; Power Drift = 0.056 dB

Peak SAR (extrapolated) = 0.421 W/kg

SAR(1 g) = 0.241 mW/g; SAR(10 g) = 0.151 mW/g

Maximum value of SAR (measured) = 0.262 mW/g



0 dB = 0.262mW/g

#18 WCDMA V_RMC 12.2K_Vertical Back_0.5cm_Ch4182

DUT: 9D1803

Communication System: UMTS; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_100406 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- 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

Ch4182/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.270 mW/g

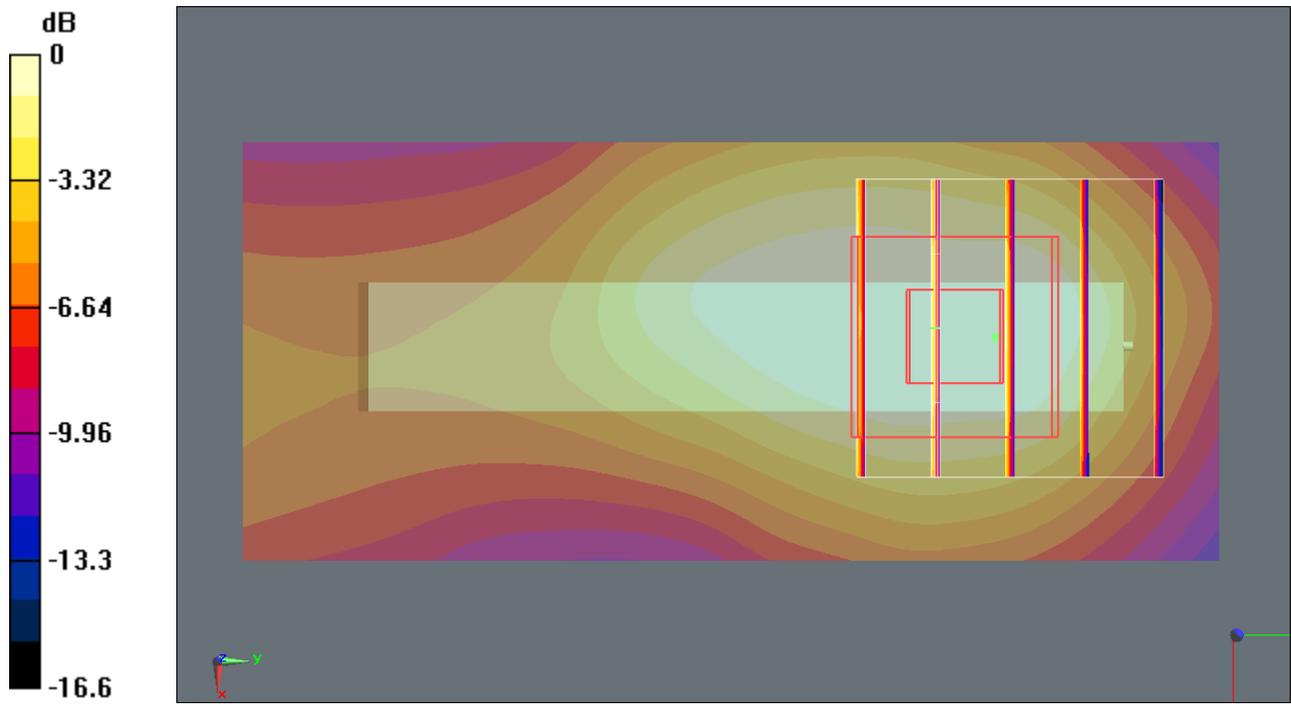
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.27 V/m; Power Drift = 0.050 dB

Peak SAR (extrapolated) = 0.397 W/kg

SAR(1 g) = 0.233 mW/g; SAR(10 g) = 0.143 mW/g

Maximum value of SAR (measured) = 0.251 mW/g



0 dB = 0.251mW/g

#19 WCDMA V_RMC 12.2K_Tip_0.5cm_Ch4128

DUT: 9D1803

Communication System: UMTS; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_100406 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- 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

Ch4128/Area Scan (41x31x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.203 mW/g

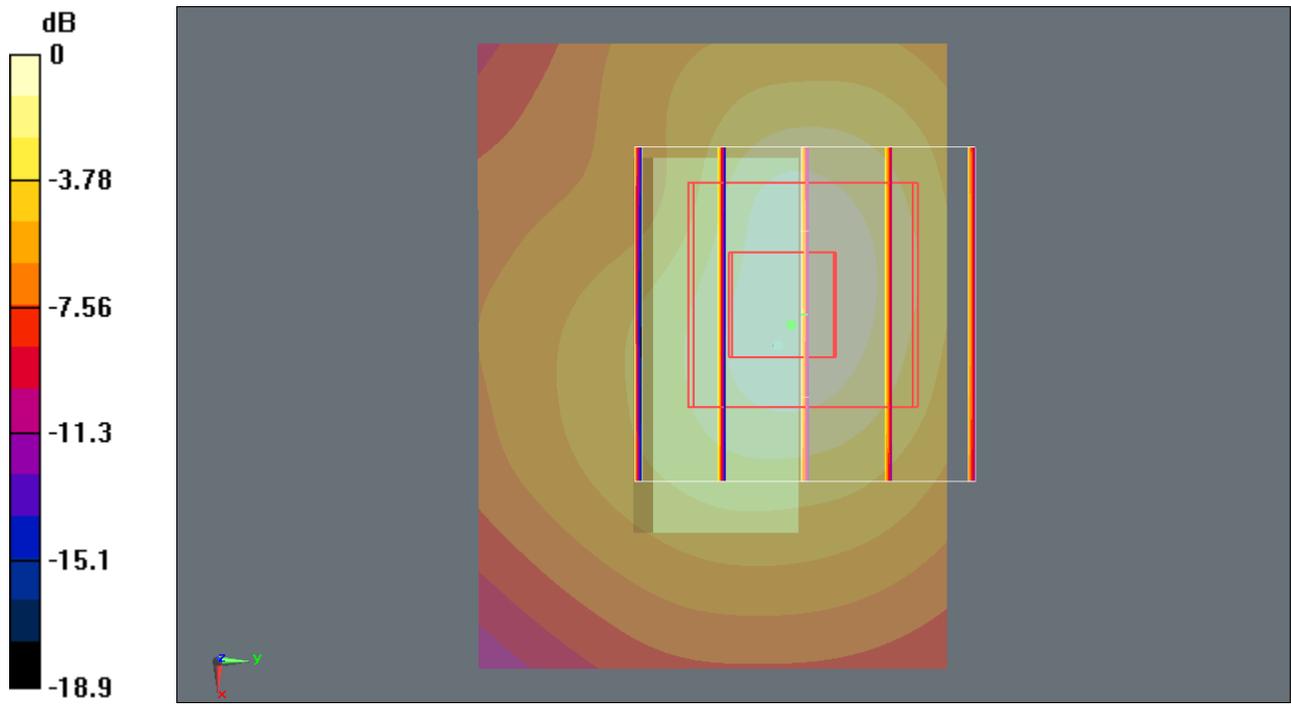
Ch4128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.39 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 0.371 W/kg

SAR(1 g) = 0.183 mW/g; SAR(10 g) = 0.096 mW/g

Maximum value of SAR (measured) = 0.203 mW/g



0 dB = 0.203mW/g

#64 WCDMA II_RMC 12.2K_Horizontal Up_0.5cm_Ch9262

DUT: 9D1803

Communication System: UMTS; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_100403 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- 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

Ch9262/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.05 mW/g

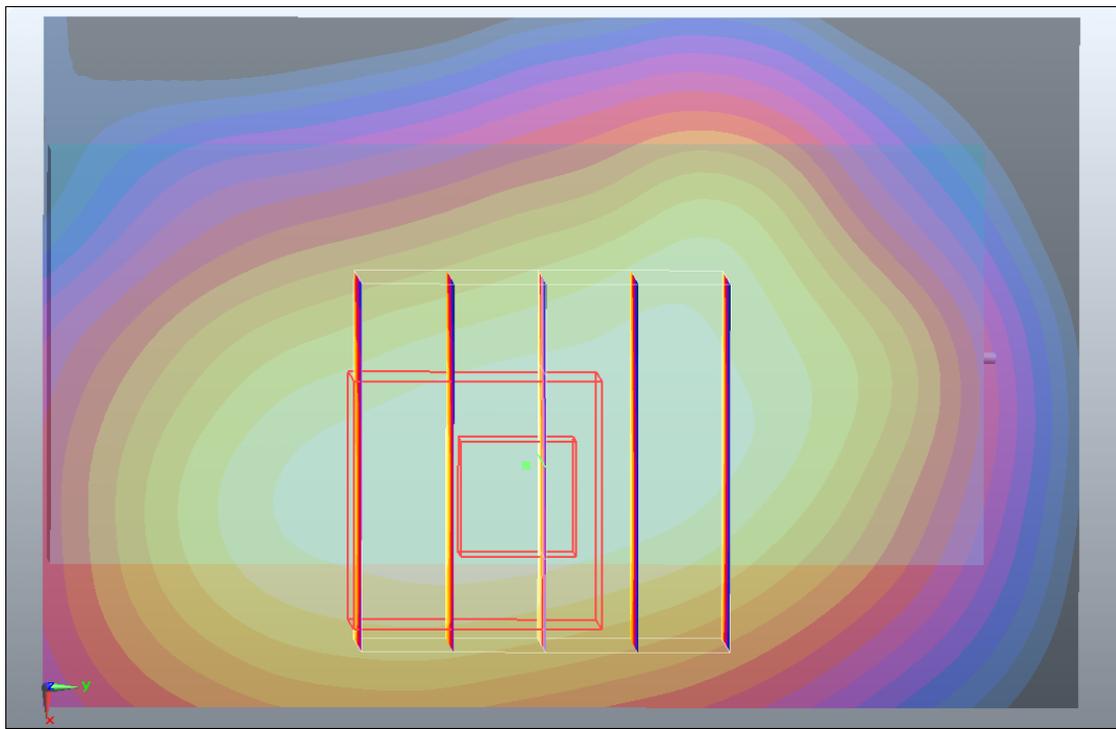
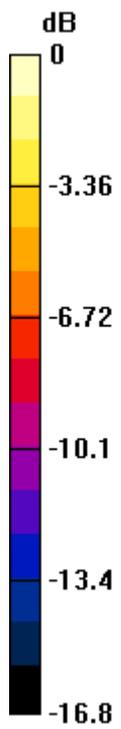
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.893 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.931 mW/g; SAR(10 g) = 0.564 mW/g

Maximum value of SAR (measured) = 0.979 mW/g



0 dB = 0.979mW/g

#55 WCDMA II_RMC 12.2K_Horizontal Down_0.5cm_Ch9262

DUT: 9D1803

Communication System: UMTS; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_100403 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

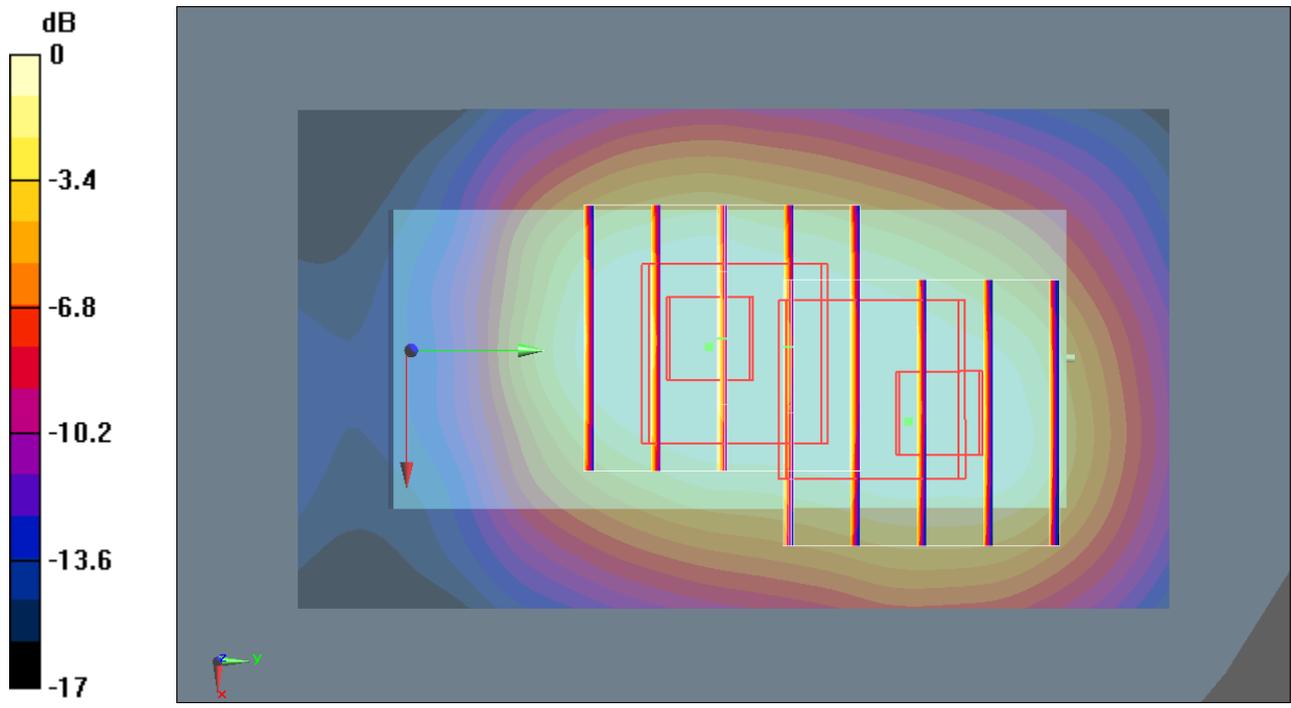
DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- 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

Ch9262/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.24 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.56 V/m; Power Drift = 0.143 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.629 mW/g
Maximum value of SAR (measured) = 1.11 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.56 V/m; Power Drift = 0.143 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 0.931 mW/g; SAR(10 g) = 0.562 mW/g
Maximum value of SAR (measured) = 1 mW/g



0 dB = 1mW/g

#55 WCDMA II_RMC 12.2K_Horizontal Down_0.5cm_Ch9262_2D

DUT: 9D1803

Communication System: UMTS; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_100403 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- 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

Ch9262/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.24 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.56 V/m; Power Drift = 0.143 dB

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.629 mW/g

Maximum value of SAR (measured) = 1.11 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

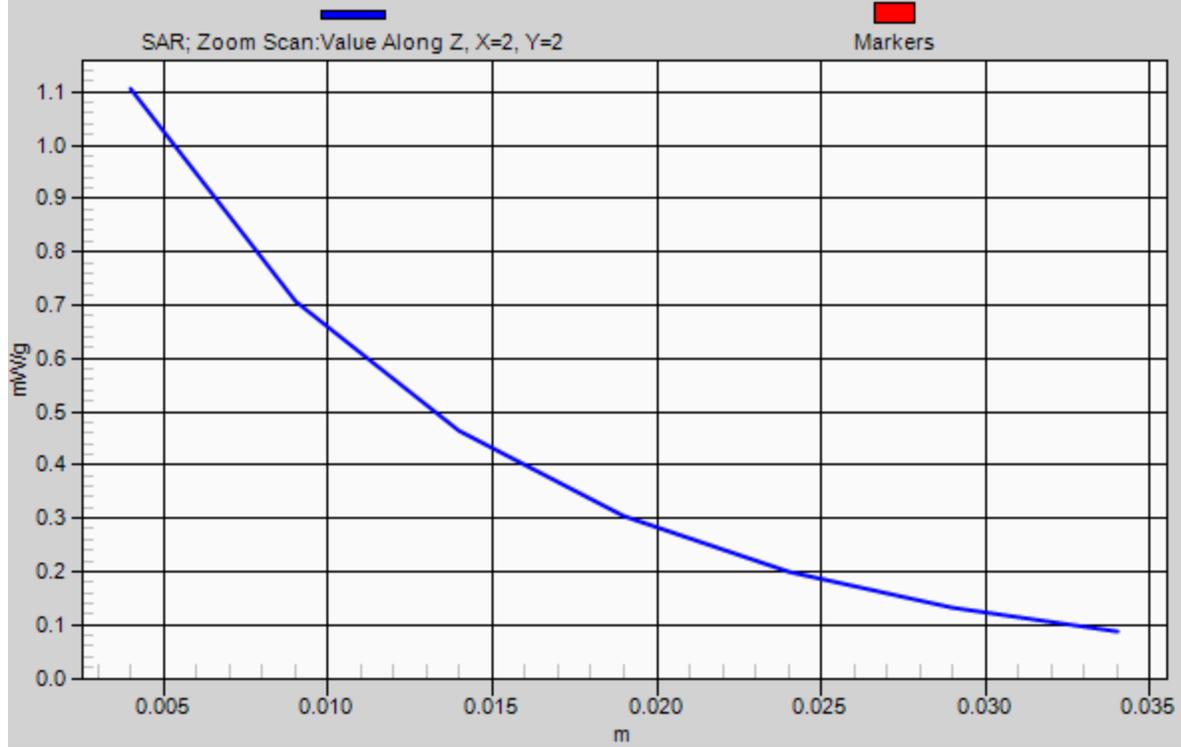
Reference Value = 3.56 V/m; Power Drift = 0.143 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 0.931 mW/g; SAR(10 g) = 0.562 mW/g

Maximum value of SAR (measured) = 1 mW/g

1g/10g Averaged SAR



#52 WCDMA II_RMC 12.2K_Verical Front_0.5cm_Ch9400

DUT: 9D1803

Communication System: UMTS; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_100403 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- 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

Ch9400/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.05 mW/g

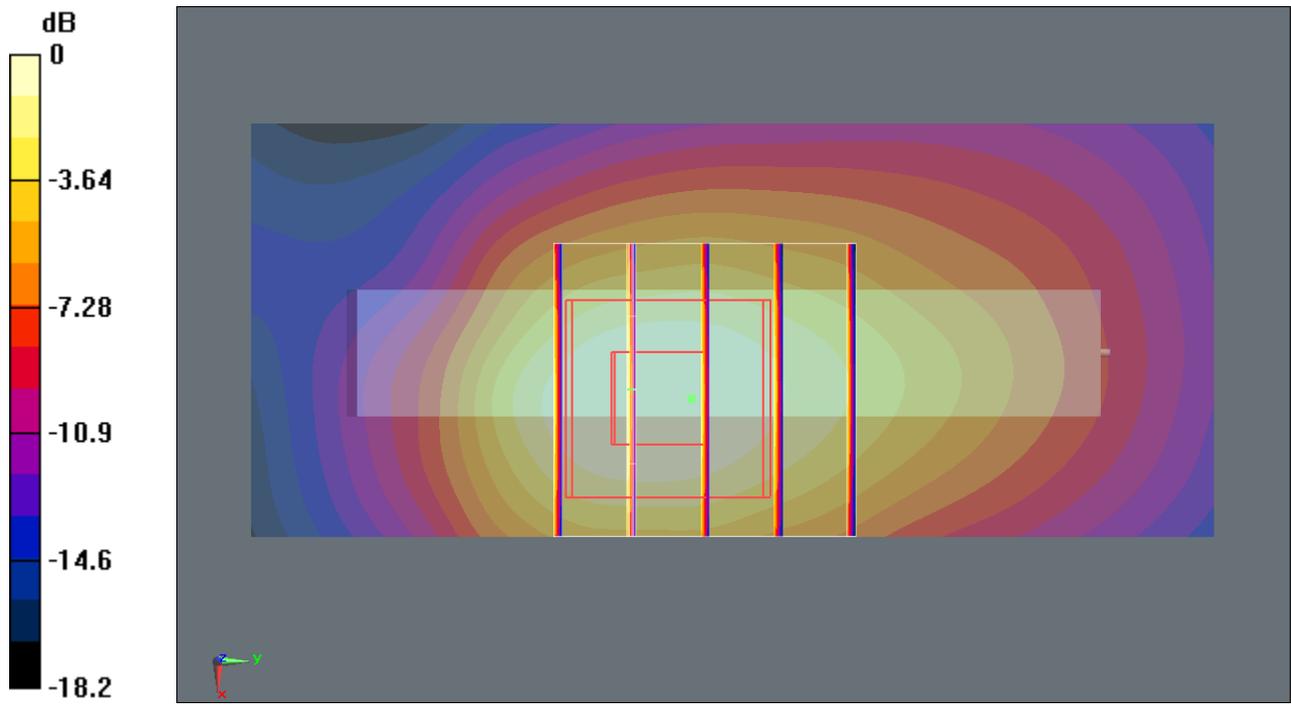
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.32 V/m; Power Drift = 0.168 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.929 mW/g; SAR(10 g) = 0.516 mW/g

Maximum value of SAR (measured) = 1.01 mW/g



0 dB = 1.01mW/g

#53 WCDMA II_RMC 12.2K_Veritical Back_0.5cm_Ch9400

DUT: 9D1803

Communication System: UMTS; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_100403 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- 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

Ch9400/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.511 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.33 V/m; Power Drift = 0.156 dB

Peak SAR (extrapolated) = 0.737 W/kg

SAR(1 g) = 0.458 mW/g; SAR(10 g) = 0.266 mW/g

Maximum value of SAR (measured) = 0.499 mW/g

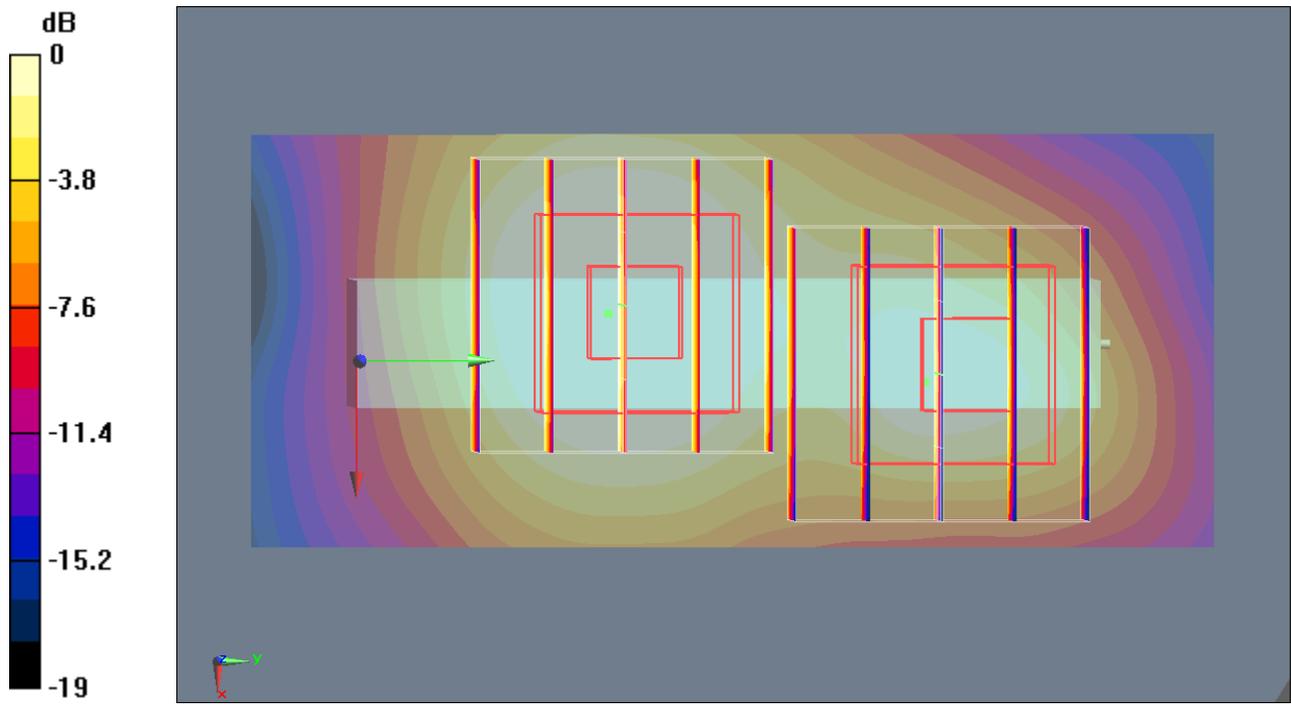
Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.33 V/m; Power Drift = 0.156 dB

Peak SAR (extrapolated) = 0.668 W/kg

SAR(1 g) = 0.325 mW/g; SAR(10 g) = 0.150 mW/g

Maximum value of SAR (measured) = 0.351 mW/g



0 dB = 0.351mW/g

#54 WCDMA II_RMC 12.2K_Tip_0.5cm_Ch9400

DUT: 9D1803

Communication System: UMTS; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_100403 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- 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

Ch9400/Area Scan (41x31x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.440 mW/g

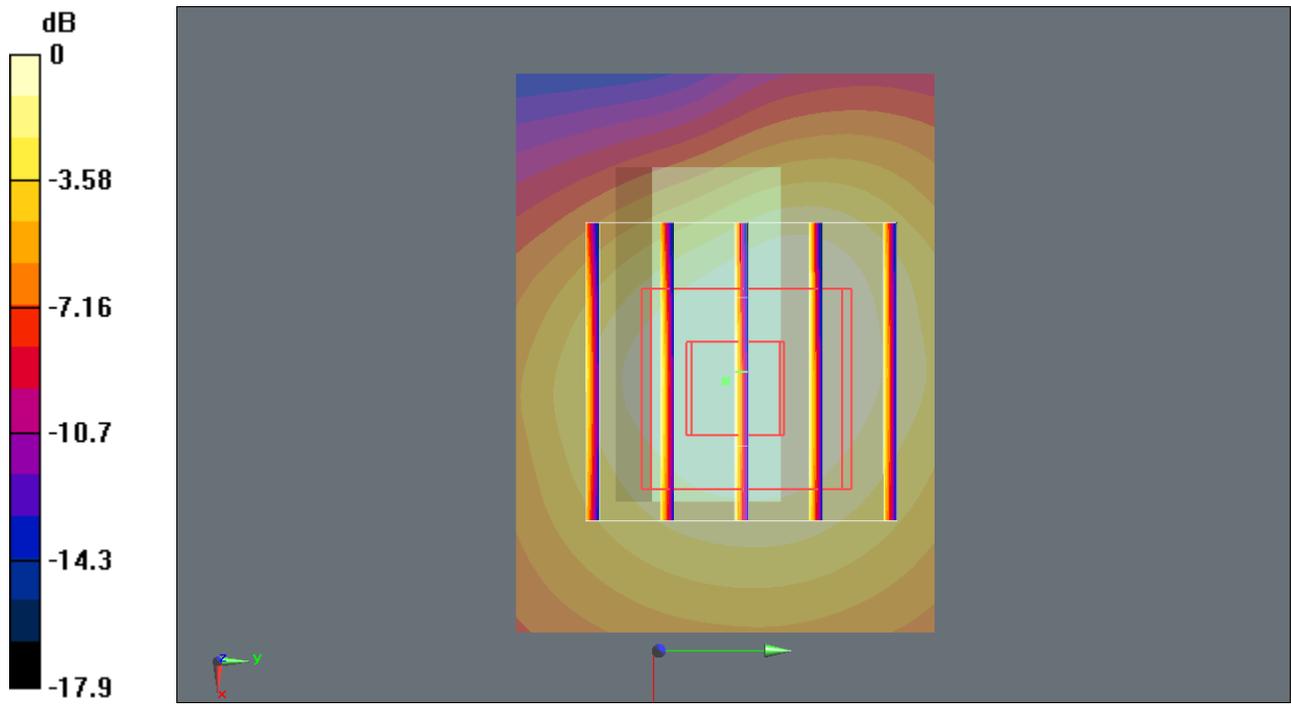
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.91 V/m; Power Drift = 0.00373 dB

Peak SAR (extrapolated) = 0.641 W/kg

SAR(1 g) = 0.376 mW/g; SAR(10 g) = 0.221 mW/g

Maximum value of SAR (measured) = 0.392 mW/g



0 dB = 0.392mW/g

#74 CDMA2000 BC0_RTAP 153.6_Horizontal Up_0.5cm_Ch334

DUT: 9D1803

Communication System: CDMA2000; Frequency: 835.02 MHz; Duty Cycle: 1:1

Medium: MSL_850_100618 Medium parameters used: $f = 835.02$ MHz; $\sigma = 0.991$ mho/m; $\epsilon_r = 55.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- 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

Ch334/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.813 mW/g

Ch334/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.1 V/m; Power Drift = -0.156 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.748 mW/g; SAR(10 g) = 0.455 mW/g

Maximum value of SAR (measured) = 0.800 mW/g

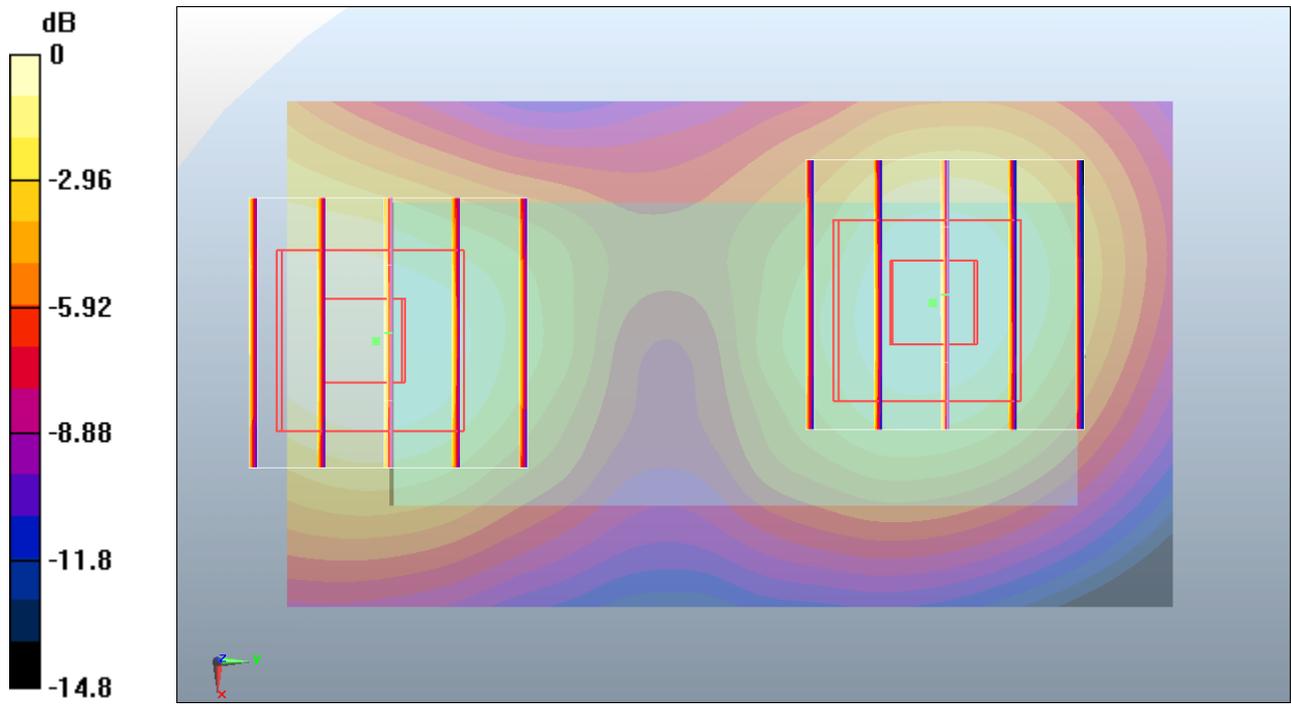
Ch334/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.1 V/m; Power Drift = -0.156 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.691 mW/g; SAR(10 g) = 0.414 mW/g

Maximum value of SAR (measured) = 0.752 mW/g



0 dB = 0.752mW/g

#80 CDMA2000 BC0_RTAP 153.6_Horizontal Down_0.5cm_Ch777

DUT: 9D1803

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: MSL_850_100618 Medium parameters used: $f = 848.31$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- 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

Ch777/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.18 mW/g

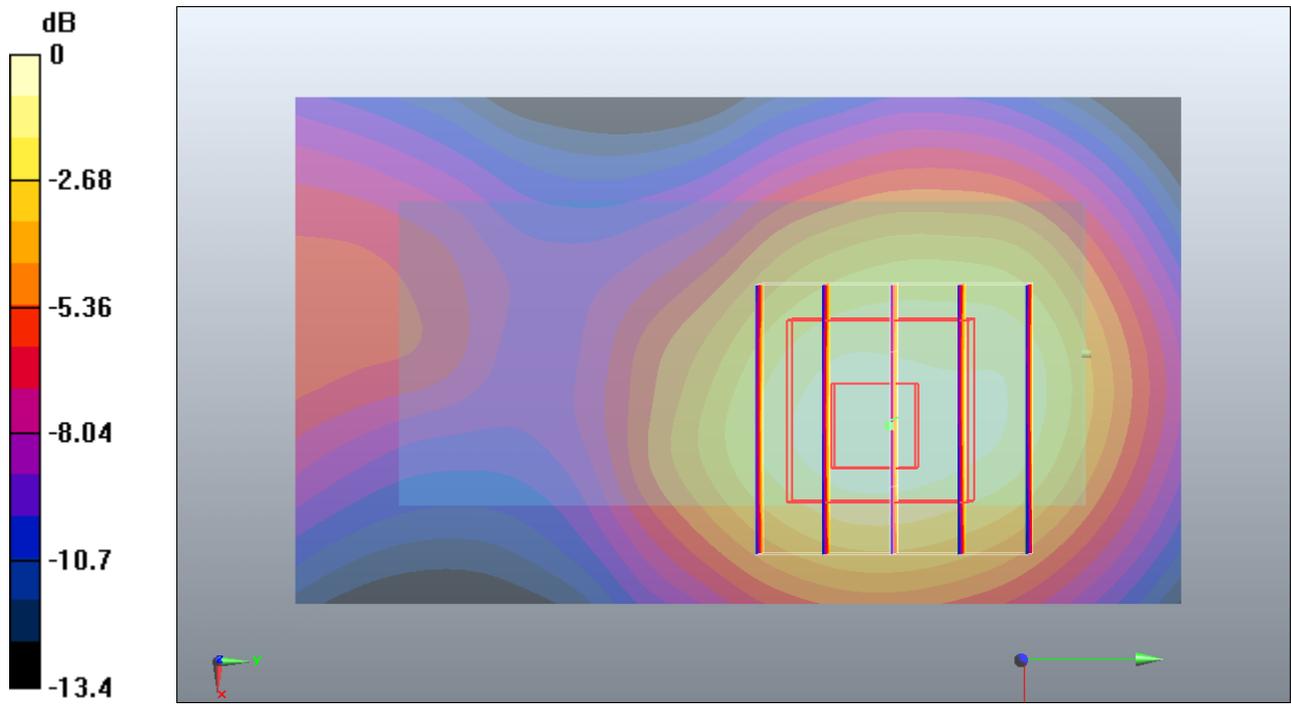
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.8 V/m; Power Drift = 0.075 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.688 mW/g

Maximum value of SAR (measured) = 1.2 mW/g



#80 CDMA2000 BC0_RTAP 153.6_Horizontal Down_0.5cm_Ch777_2D

DUT: 9D1803

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: MSL_850_100618 Medium parameters used: $f = 848.31$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- 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

Ch777/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.18 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

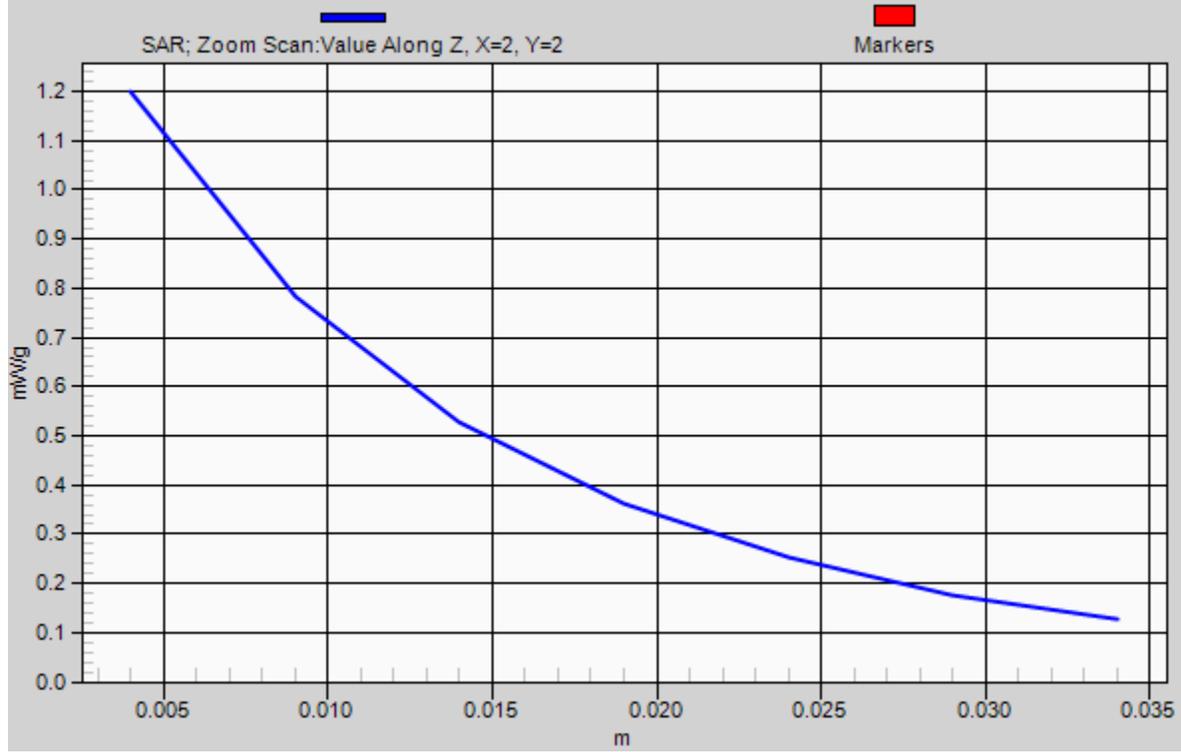
Reference Value = 20.8 V/m; Power Drift = 0.075 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.688 mW/g

Maximum value of SAR (measured) = 1.2 mW/g

1g/10g Averaged SAR



#76 CDMA2000 BC0_RTAP 153.6_Vertical Front_0.5cm_Ch334

DUT: 9D1803

Communication System: CDMA2000; Frequency: 835.02 MHz; Duty Cycle: 1:1

Medium: MSL_850_100618 Medium parameters used: $f = 835.02$ MHz; $\sigma = 0.991$ mho/m; $\epsilon_r = 55.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- 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

Ch334/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.316 mW/g

Ch334/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.8 V/m; Power Drift = -0.127 dB

Peak SAR (extrapolated) = 0.416 W/kg

SAR(1 g) = 0.299 mW/g; SAR(10 g) = 0.206 mW/g

Maximum value of SAR (measured) = 0.320 mW/g

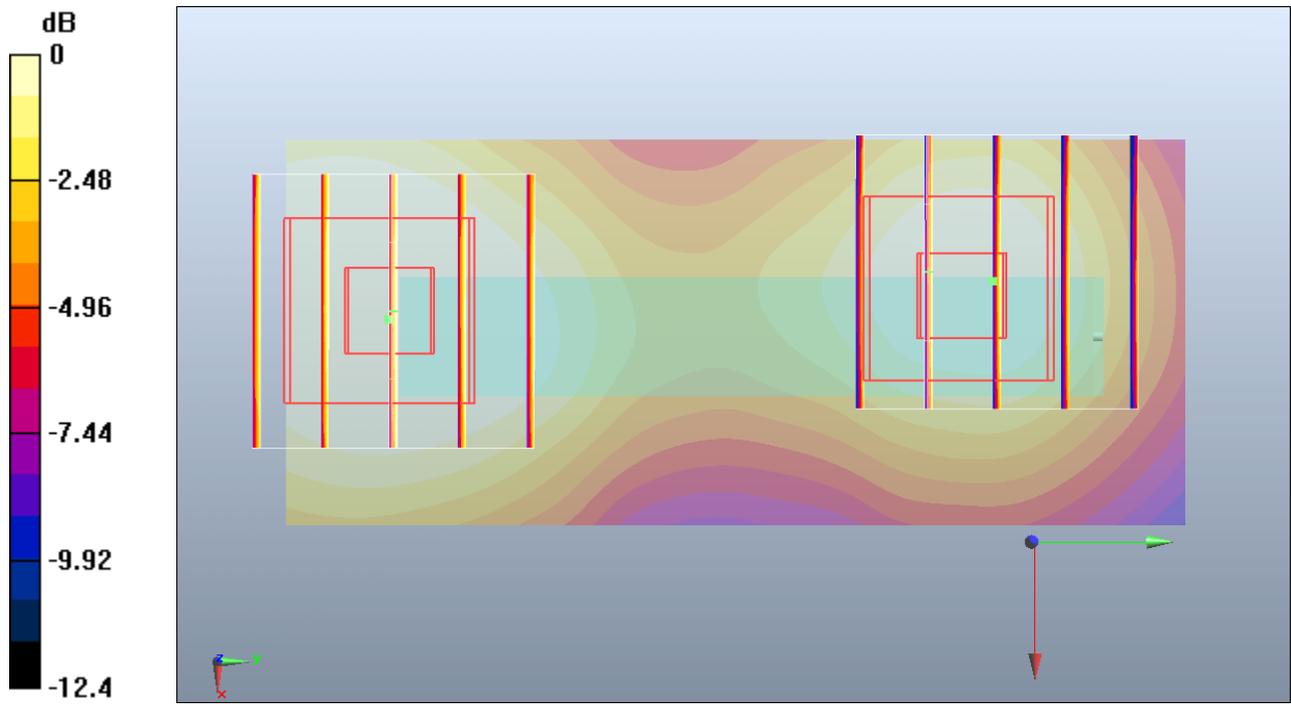
Ch334/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.8 V/m; Power Drift = -0.127 dB

Peak SAR (extrapolated) = 0.352 W/kg

SAR(1 g) = 0.237 mW/g; SAR(10 g) = 0.151 mW/g

Maximum value of SAR (measured) = 0.247 mW/g



0 dB = 0.247mW/g

#77 CDMA2000 BC0_RTAP 153.6_Vertical Back_0.5cm_Ch334

DUT: 9D1803

Communication System: CDMA2000; Frequency: 835.02 MHz; Duty Cycle: 1:1

Medium: MSL_850_100618 Medium parameters used: $f = 835.02$ MHz; $\sigma = 0.991$ mho/m; $\epsilon_r = 55.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- 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

Ch334/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.576 mW/g

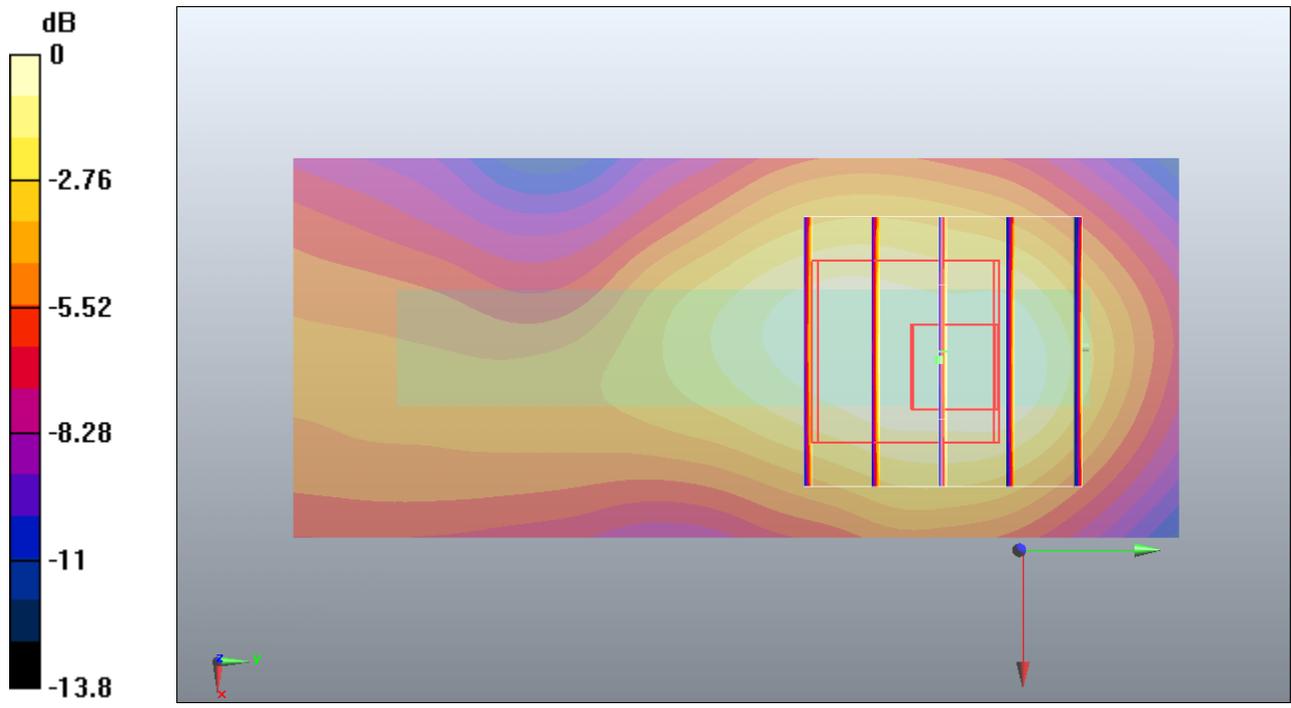
Ch334/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.8 V/m; Power Drift = -0.138 dB

Peak SAR (extrapolated) = 0.866 W/kg

SAR(1 g) = 0.497 mW/g; SAR(10 g) = 0.304 mW/g

Maximum value of SAR (measured) = 0.536 mW/g



0 dB = 0.536mW/g

#78 CDMA2000 BC0_RTAP 153.6_Tip_0.5cm_Ch334

DUT: 9D1803

Communication System: CDMA2000; Frequency: 835.02 MHz; Duty Cycle: 1:1

Medium: MSL_850_100618 Medium parameters used: $f = 835.02$ MHz; $\sigma = 0.991$ mho/m; $\epsilon_r = 55.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- 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

Ch334/Area Scan (41x31x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.254 mW/g

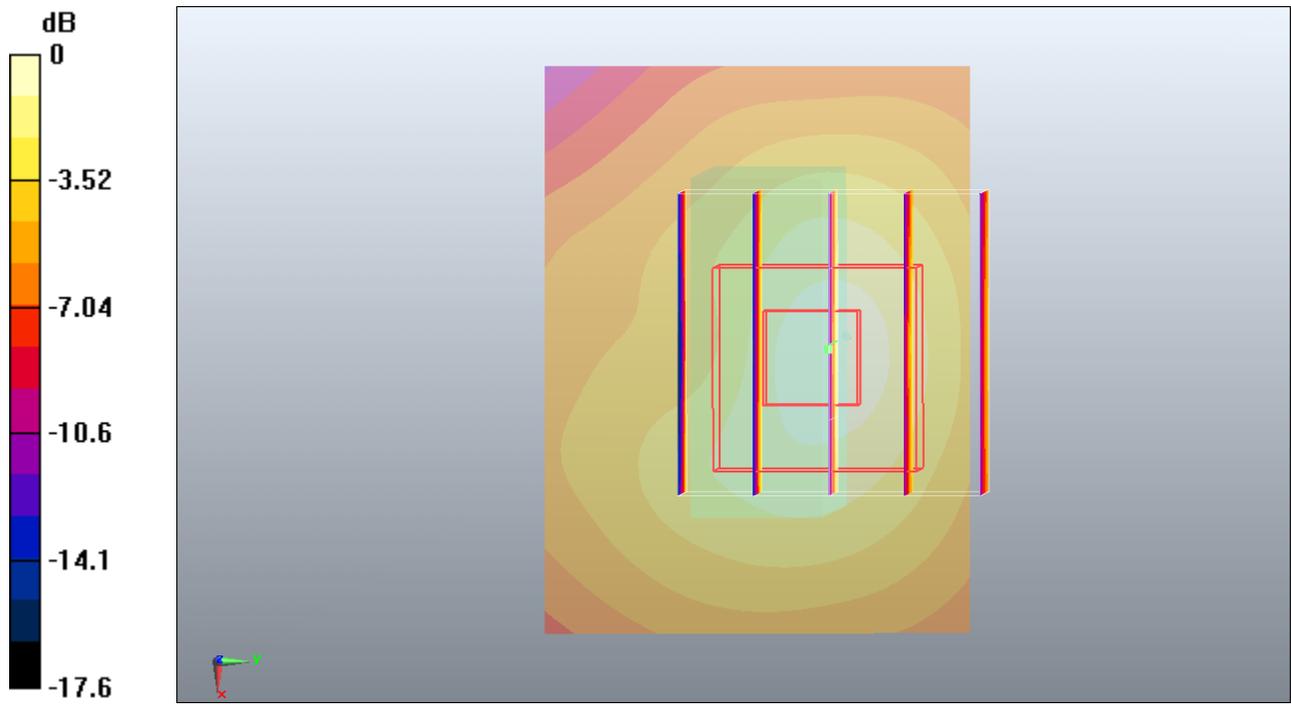
Ch334/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.9 V/m; Power Drift = 0.153 dB

Peak SAR (extrapolated) = 0.469 W/kg

SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.121 mW/g

Maximum value of SAR (measured) = 0.255 mW/g



0 dB = 0.255mW/g

#97 CDMA2000 BC0_RETAP 4096_Horizontal Down_0.5cm_Ch777

DUT: 9D1803

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: MSL_850_100618 Medium parameters used: $f = 848.31$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- 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

Ch777/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.27 mW/g

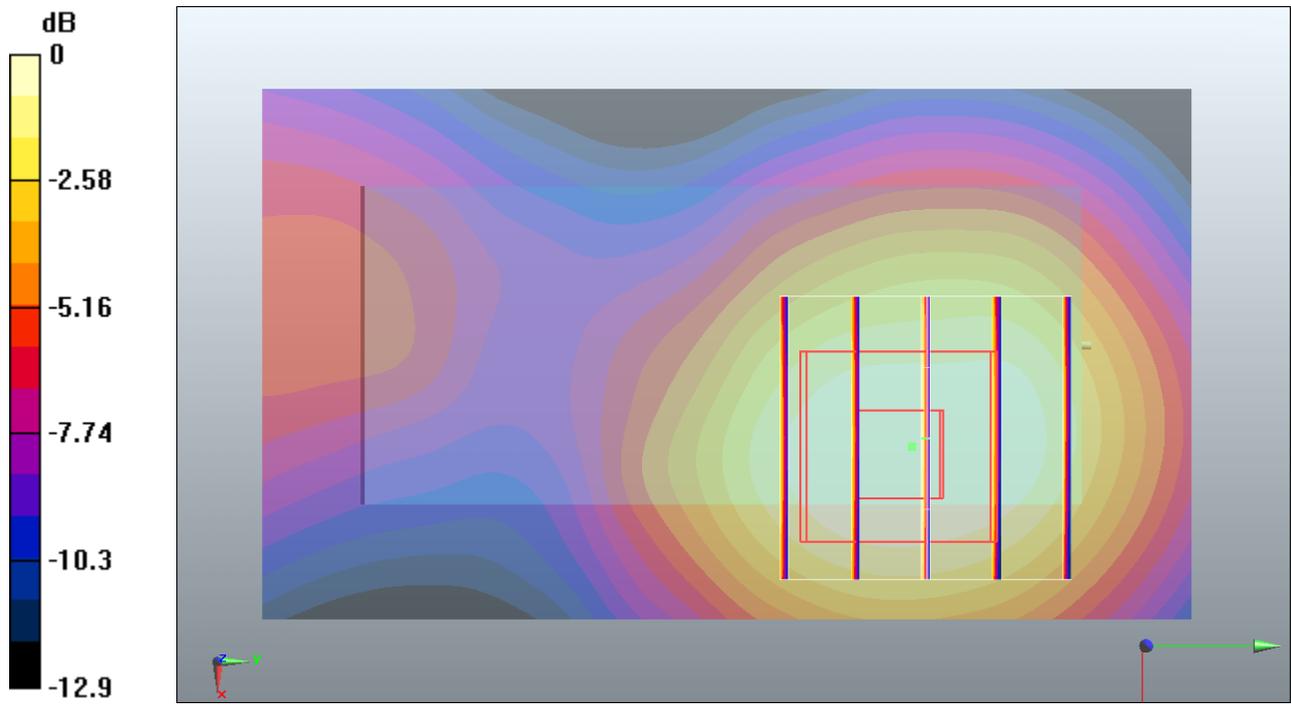
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.1 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.703 mW/g

Maximum value of SAR (measured) = 1.16 mW/g



0 dB = 1.16mW/g

#87 CDMA2000 BC1_RTAP 153.6_Horizontal Up_0.5cm_Ch25

DUT: 9D1803

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_100618 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- 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

Ch25/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.48 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.85 V/m; Power Drift = 0.127 dB

Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.819 mW/g

Maximum value of SAR (measured) = 1.48 mW/g

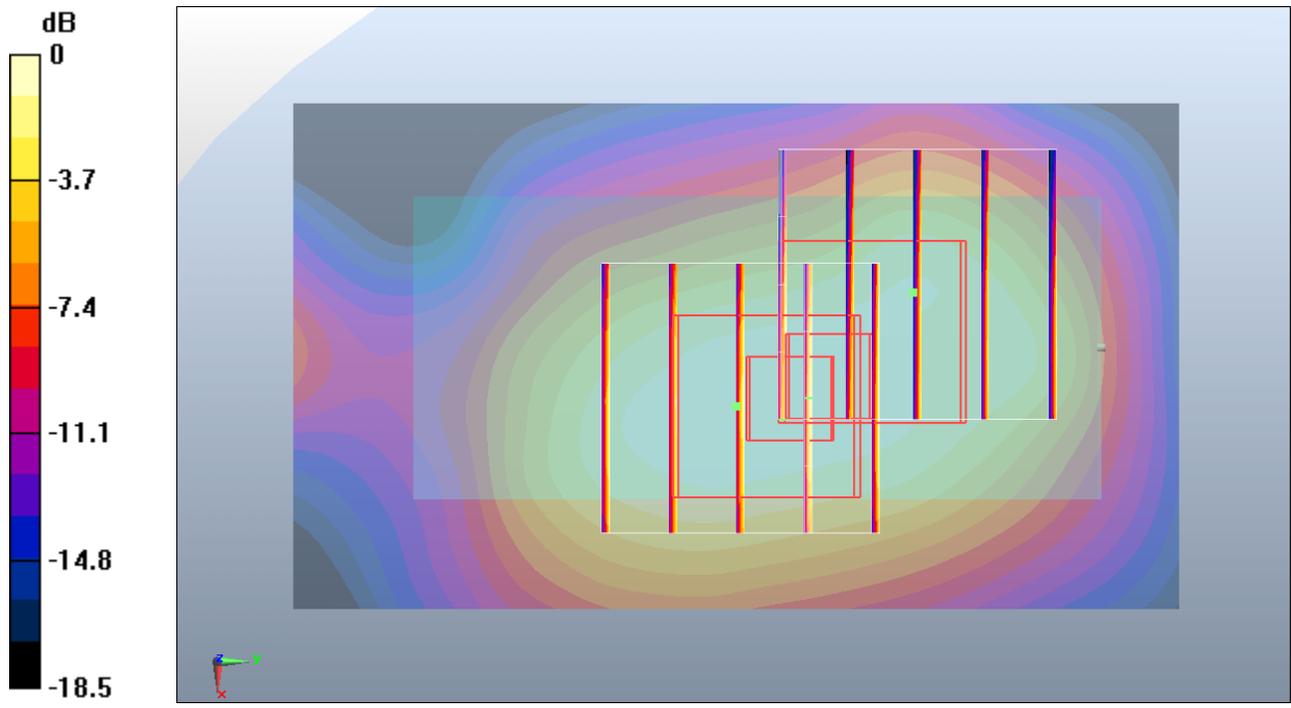
Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.85 V/m; Power Drift = 0.127 dB

Peak SAR (extrapolated) = 2.09 W/kg

SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.655 mW/g

Maximum value of SAR (measured) = 1.45 mW/g



0 dB = 1.45mW/g

#89 CDMA2000 BC1_RTAP 153.6_Horizontal Down_0.5cm_Ch25

DUT: 9D1803

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_100618 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- 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

Ch25/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.65 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.5 V/m; Power Drift = 0.144 dB

Peak SAR (extrapolated) = 2.14 W/kg

SAR(1 g) = 1.41 mW/g; SAR(10 g) = 0.891 mW/g

Maximum value of SAR (measured) = 1.53 mW/g

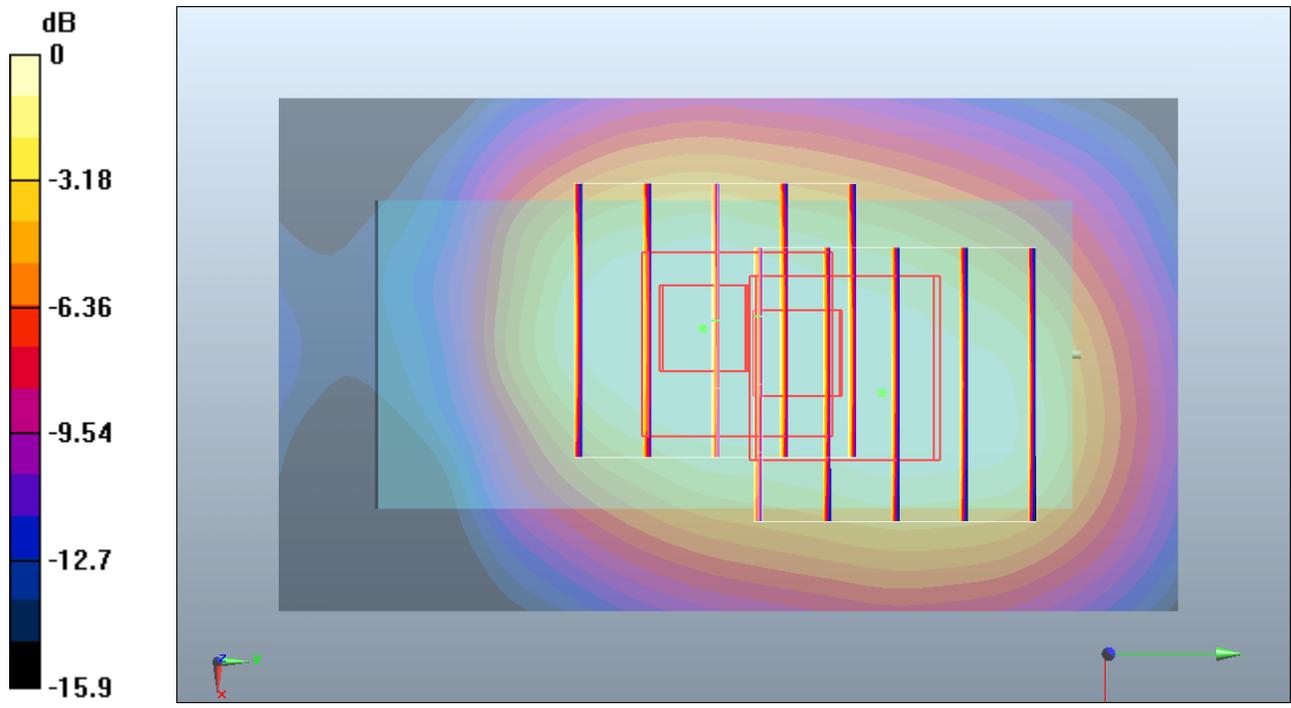
Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.5 V/m; Power Drift = 0.144 dB

Peak SAR (extrapolated) = 2.14 W/kg

SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.824 mW/g

Maximum value of SAR (measured) = 1.45 mW/g



0 dB = 1.45mW/g

#89 CDMA2000 BC1_RTAP 153.6_Horizontal Down_0.5cm_Ch25_2D

DUT: 9D1803

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_100618 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- 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

Ch25/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.65 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.5 V/m; Power Drift = 0.144 dB

Peak SAR (extrapolated) = 2.14 W/kg

SAR(1 g) = 1.41 mW/g; SAR(10 g) = 0.891 mW/g

Maximum value of SAR (measured) = 1.53 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

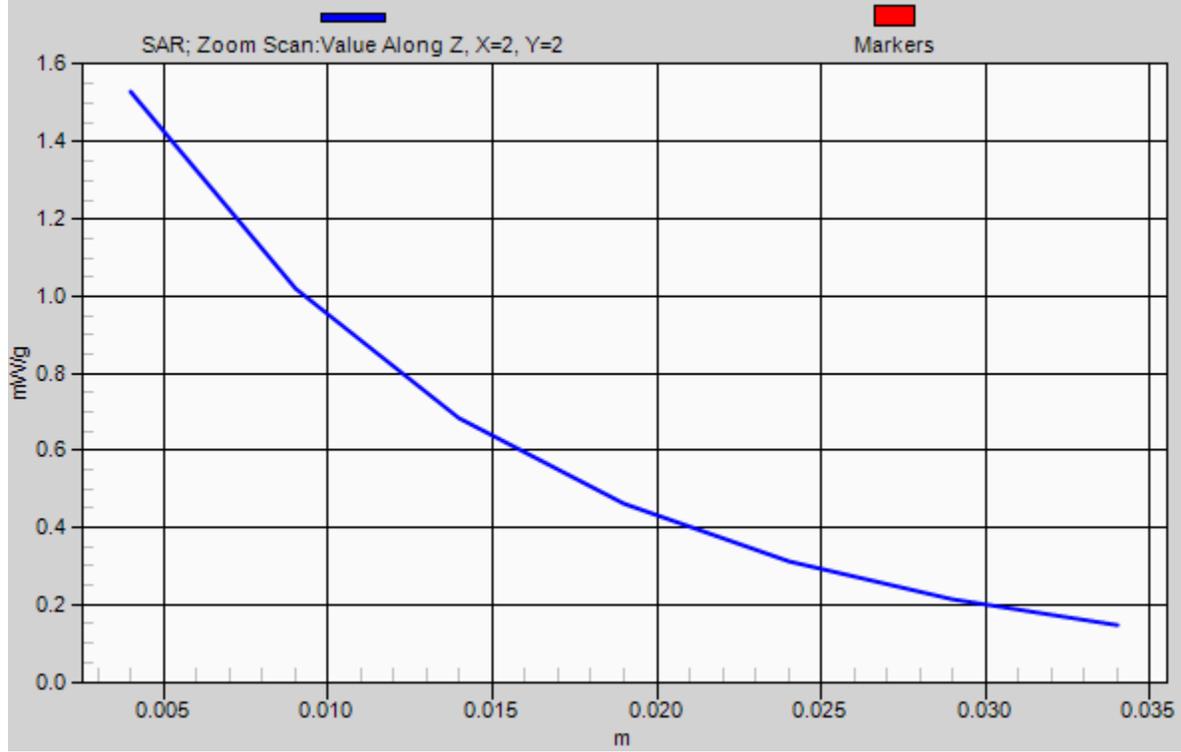
Reference Value = 19.5 V/m; Power Drift = 0.144 dB

Peak SAR (extrapolated) = 2.14 W/kg

SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.824 mW/g

Maximum value of SAR (measured) = 1.45 mW/g

1g/10g Averaged SAR



#91 CDMA2000 BC1_RTAP 153.6_Veritical Front_0.5cm_Ch25

DUT: 9D1803

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_100618 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- 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

Ch25/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.78 mW/g

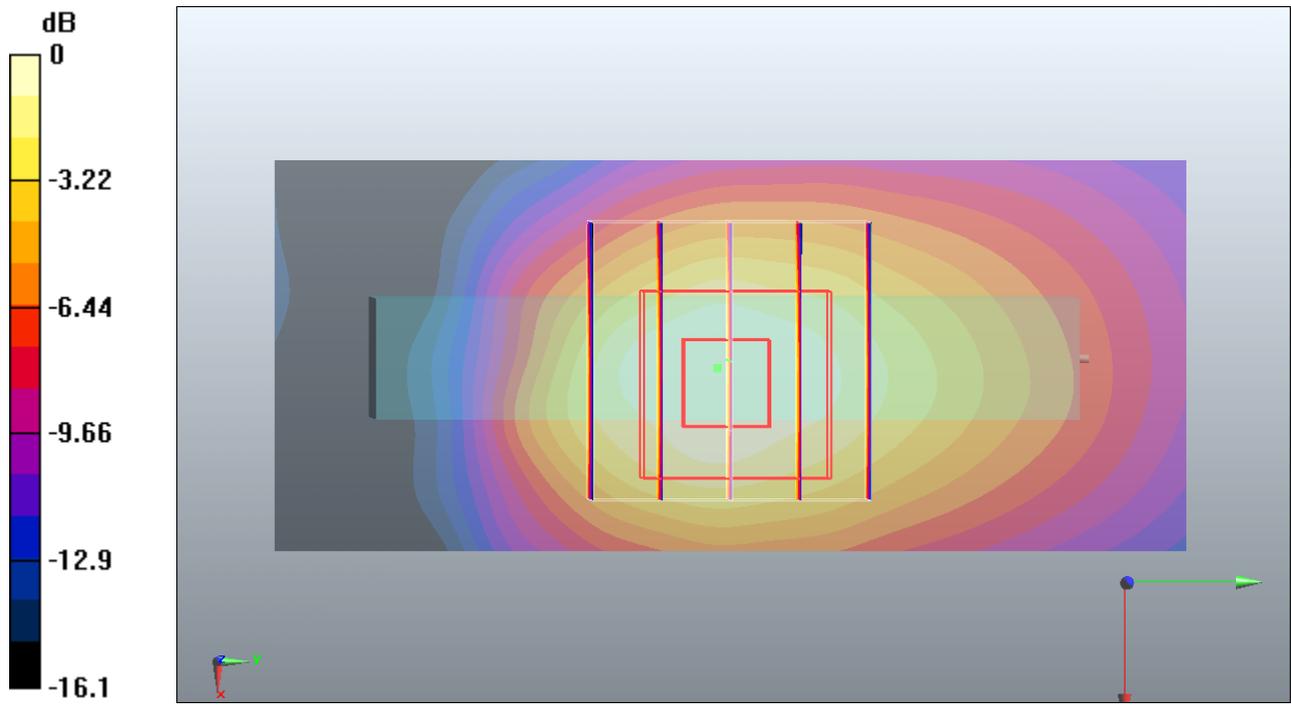
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.5 V/m; Power Drift = 0.059 dB

Peak SAR (extrapolated) = 2.27 W/kg

SAR(1 g) = 1.4 mW/g; SAR(10 g) = 0.805 mW/g

Maximum value of SAR (measured) = 1.51 mW/g



0 dB = 1.51mW/g

#109 CDMA2000 BC1_RTAP 153.6_Verical Back_0.5cm_Ch600

DUT: 9D1803

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_100718 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- 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

Ch600/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.577 mW/g

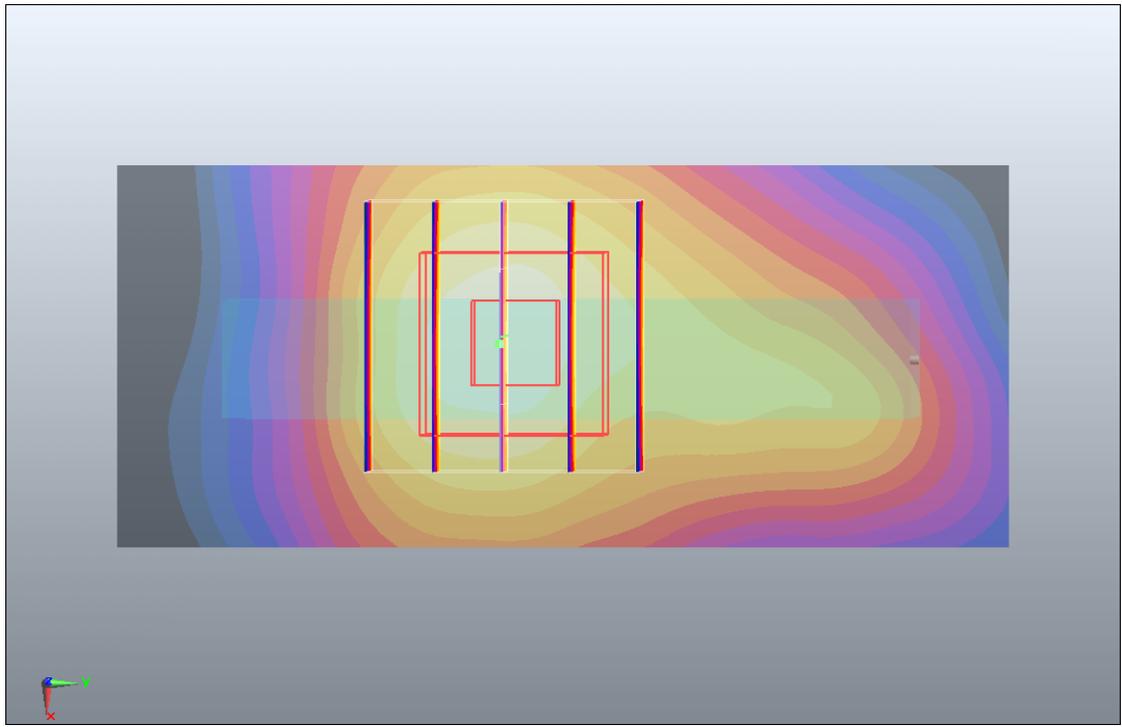
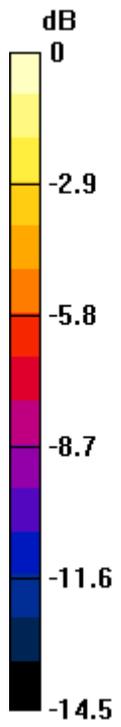
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.43 V/m; Power Drift = 0.120 dB

Peak SAR (extrapolated) = 0.857 W/kg

SAR(1 g) = 0.545 mW/g; SAR(10 g) = 0.325 mW/g

Maximum value of SAR (measured) = 0.599 mW/g



0 dB = 0.599mW/g

#110 CDMA2000 BC1_RTAP 153.6_Tip_0.5cm_Ch600

DUT: 9D1803

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_100718 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- 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

Ch600/Area Scan (41x31x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.560 mW/g

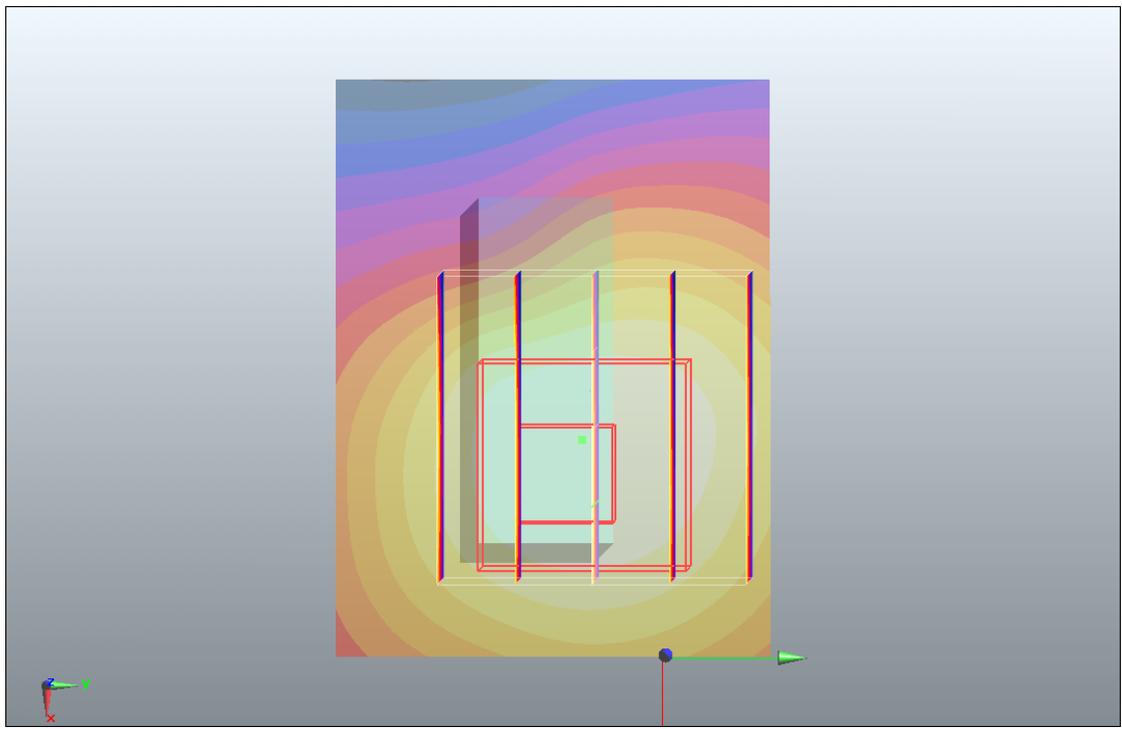
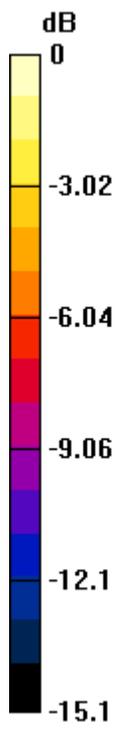
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.2 V/m; Power Drift = -0.055 dB

Peak SAR (extrapolated) = 0.747 W/kg

SAR(1 g) = 0.472 mW/g; SAR(10 g) = 0.284 mW/g

Maximum value of SAR (measured) = 0.505 mW/g



0 dB = 0.505mW/g

#94 CDMA2000 BC1_RETAP 4096_Horizontal Down_0.5cm_Ch25

DUT: 9D1803

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_100618 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- 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

Ch25/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.67 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.3 V/m; Power Drift = 0.112 dB

Peak SAR (extrapolated) = 2.13 W/kg

SAR(1 g) = 1.41 mW/g; SAR(10 g) = 0.891 mW/g

Maximum value of SAR (measured) = 1.52 mW/g

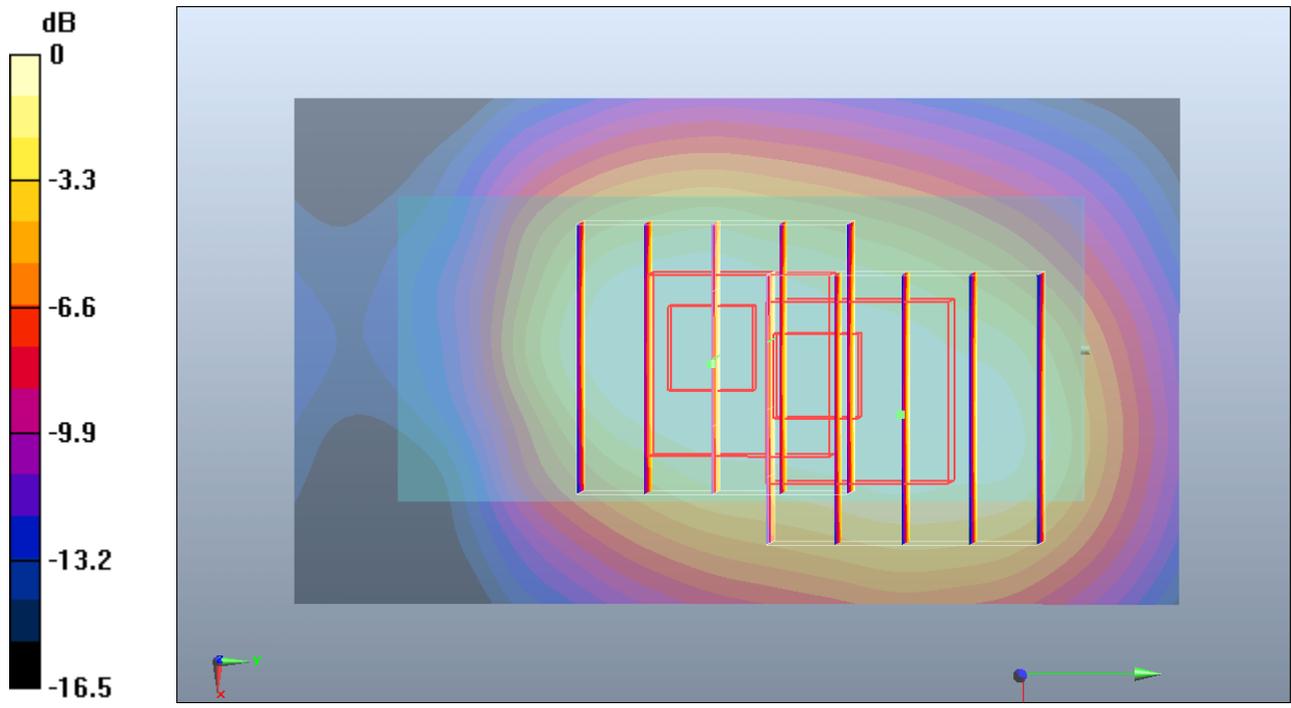
Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.3 V/m; Power Drift = 0.112 dB

Peak SAR (extrapolated) = 2.22 W/kg

SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.834 mW/g

Maximum value of SAR (measured) = 1.46 mW/g



0 dB = 1.46mW/g