

**#29 GSM850\_Right Cheek\_Ch189****DUT: 051810-01**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: HSL\_850\_100602 Medium parameters used:  $f = 836.4 \text{ MHz}$ ;  $\sigma = 0.914 \text{ mho/m}$ ;  $\epsilon_r = 40.6$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.6 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.3, 6.3, 6.3); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch189/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm

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

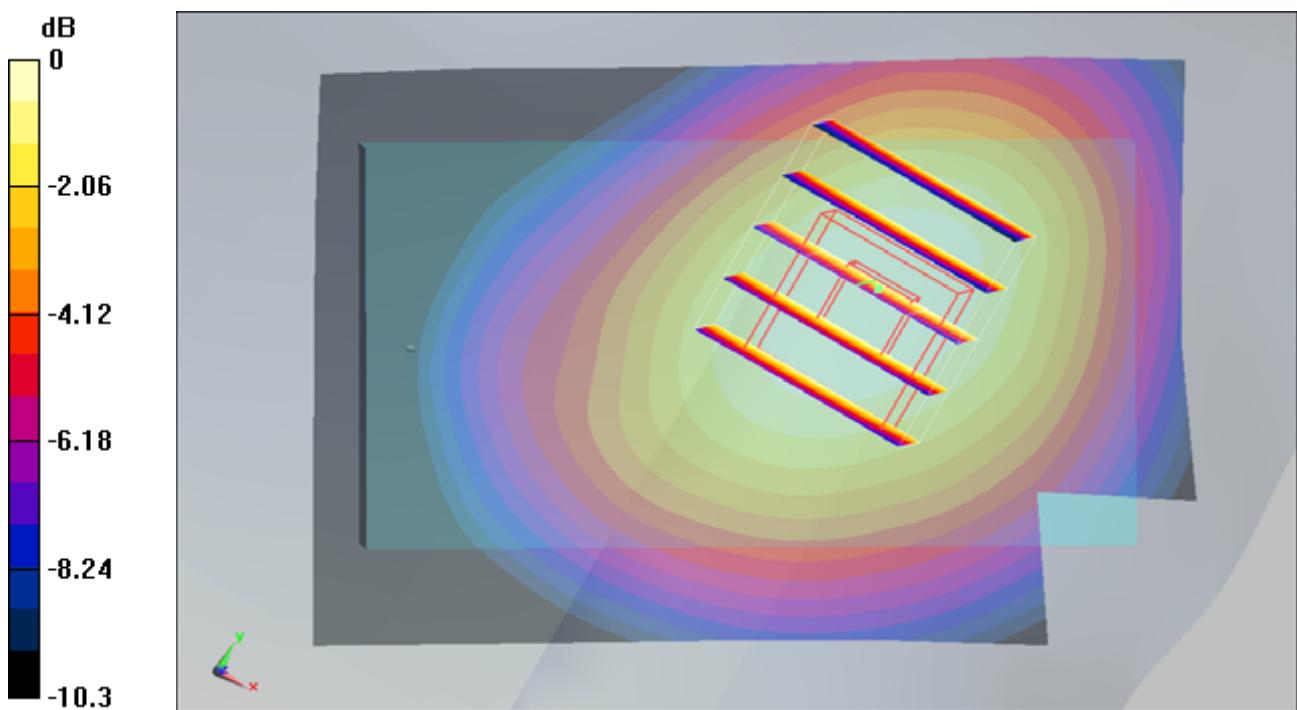
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.9 V/m; Power Drift = -0.189 dB

Peak SAR (extrapolated) = 1.21 W/kg

**SAR(1 g) = 0.954 mW/g; SAR(10 g) = 0.699 mW/g**

Maximum value of SAR (measured) = 0.997 mW/g



0 dB = 0.997mW/g

**#30 GSM850\_Right Tilted\_Ch189****DUT: 051810-01**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: HSL\_850\_100602 Medium parameters used:  $f = 836.4 \text{ MHz}$ ;  $\sigma = 0.914 \text{ mho/m}$ ;  $\epsilon_r = 40.6$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.4 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.3, 6.3, 6.3); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch189/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm

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

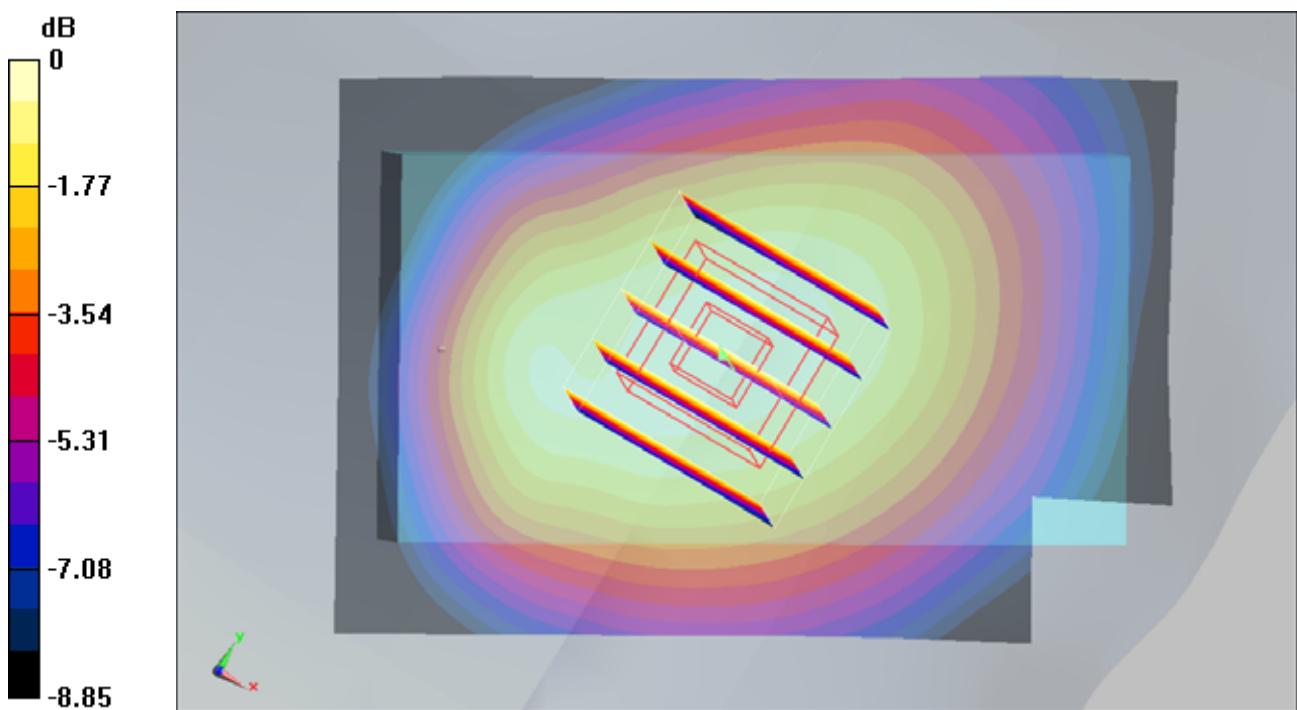
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20 V/m; Power Drift = -0.072 dB

Peak SAR (extrapolated) = 0.639 W/kg

**SAR(1 g) = 0.521 mW/g; SAR(10 g) = 0.390 mW/g**

Maximum value of SAR (measured) = 0.550 mW/g



0 dB = 0.550mW/g

**#31 GSM850\_Left Cheek\_Ch189****DUT: 051810-01**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: HSL\_850\_100602 Medium parameters used:  $f = 836.4 \text{ MHz}$ ;  $\sigma = 0.914 \text{ mho/m}$ ;  $\epsilon_r = 40.6$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.3, 6.3, 6.3); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch189/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm

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

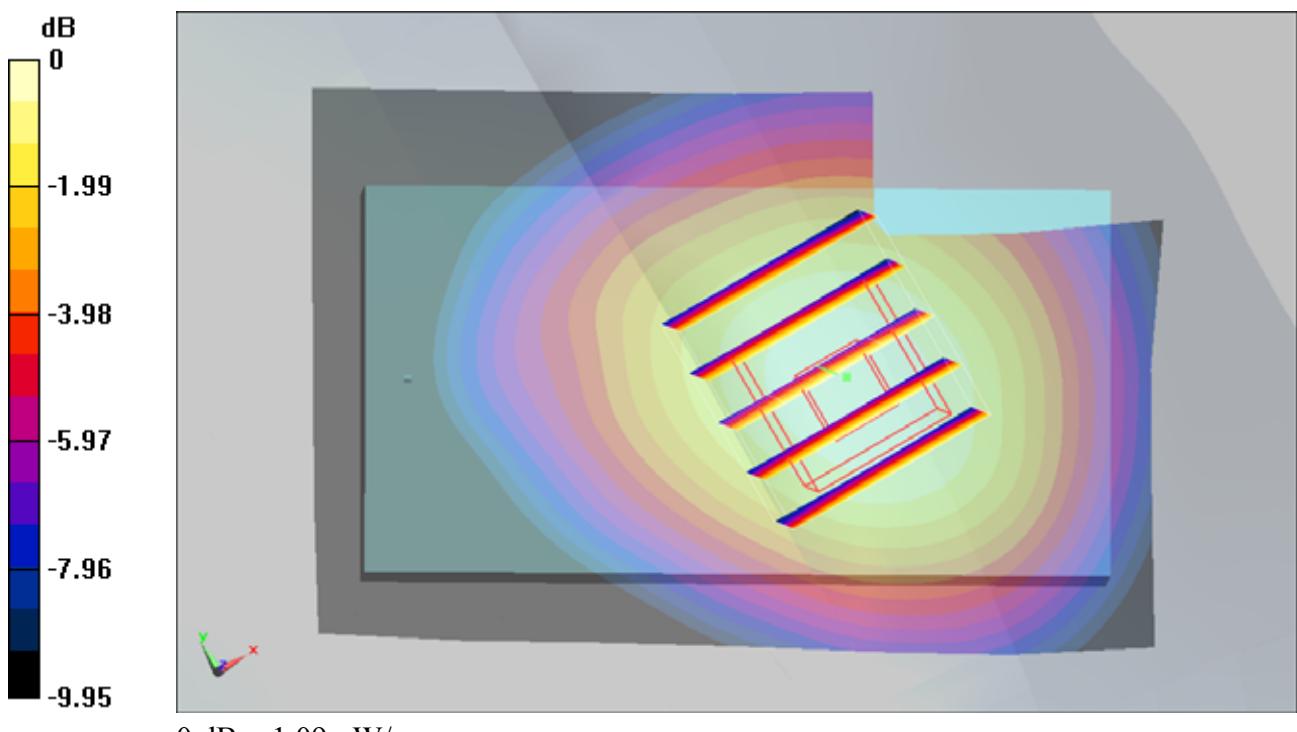
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13 V/m; Power Drift = 0.029 dB

Peak SAR (extrapolated) = 1.28 W/kg

**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.751 mW/g**

Maximum value of SAR (measured) = 1.09 mW/g



0 dB = 1.09mW/g

## #31 GSM850\_Left Cheek\_Ch189\_2D

**DUT: 051810-01**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: HSL\_850\_100602 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.914$  mho/m;  $\epsilon_r = 40.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.3, 6.3, 6.3); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch189/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm

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

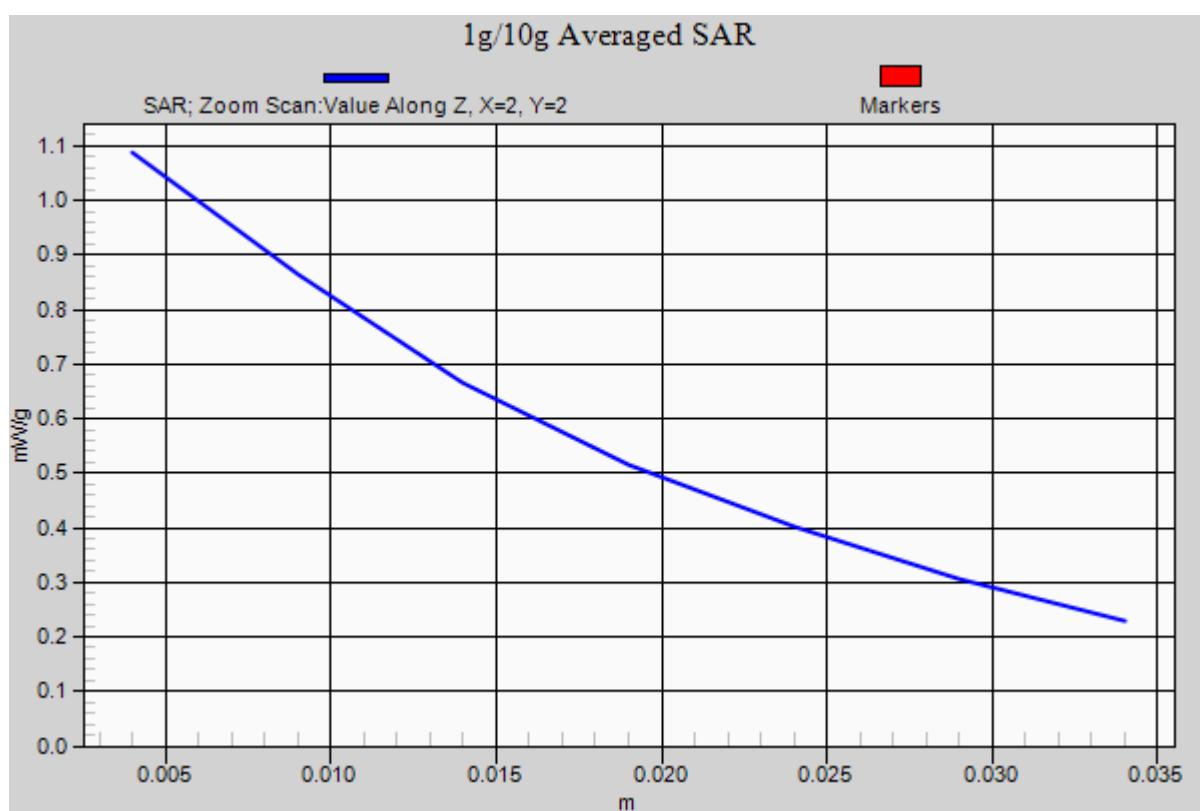
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13 V/m; Power Drift = 0.029 dB

Peak SAR (extrapolated) = 1.28 W/kg

**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.751 mW/g**

Maximum value of SAR (measured) = 1.09 mW/g



**#32 GSM850\_Left Tilted\_Ch189****DUT: 051810-01**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: HSL\_850\_100602 Medium parameters used:  $f = 836.4 \text{ MHz}$ ;  $\sigma = 0.914 \text{ mho/m}$ ;  $\epsilon_r = 40.6$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.4 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.3, 6.3, 6.3); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch189/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm

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

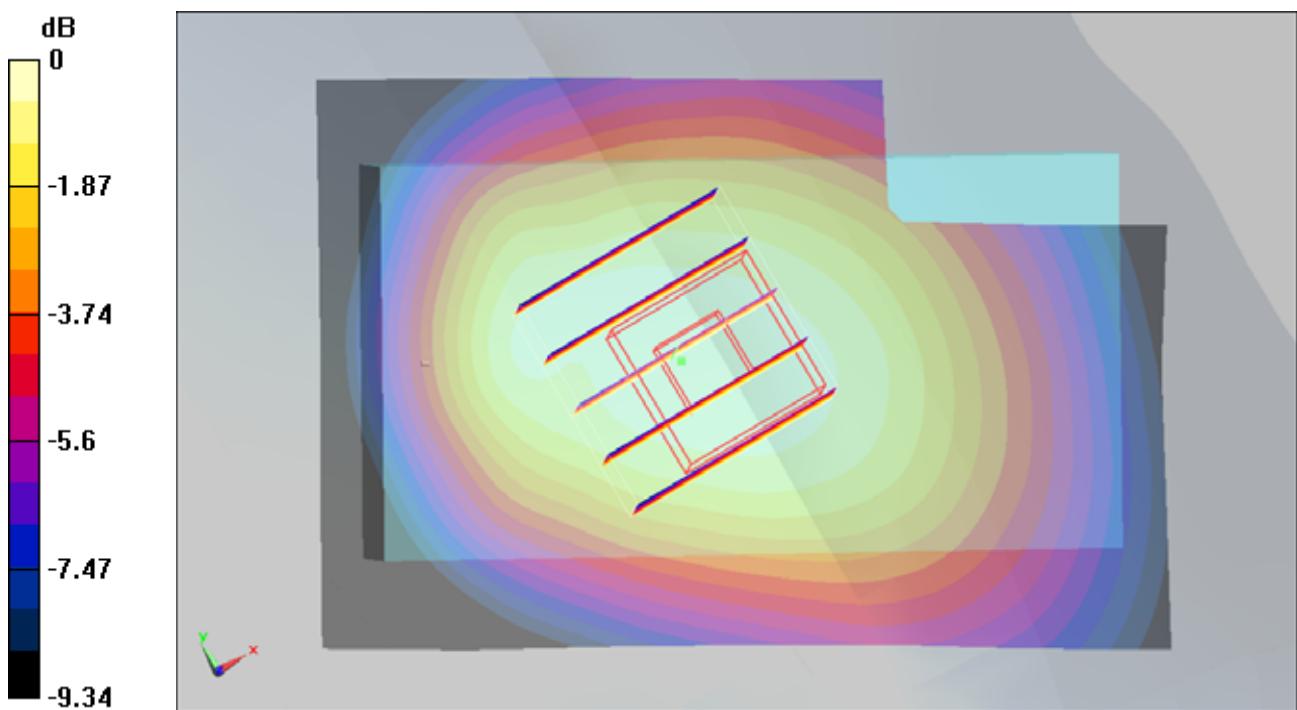
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.1 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.594 W/kg

**SAR(1 g) = 0.486 mW/g; SAR(10 g) = 0.367 mW/g**

Maximum value of SAR (measured) = 0.510 mW/g



0 dB = 0.510mW/g

**#22 GSM1900\_Right Cheek\_Ch810****DUT: 051810-01**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_100601 Medium parameters used:  $f = 1910 \text{ MHz}$ ;  $\sigma = 1.45 \text{ mho/m}$ ;  $\epsilon_r = 38.1$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.3 ; Liquid Temperature : 21.3

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.11, 5.11, 5.11); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch810/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.924 mW/g

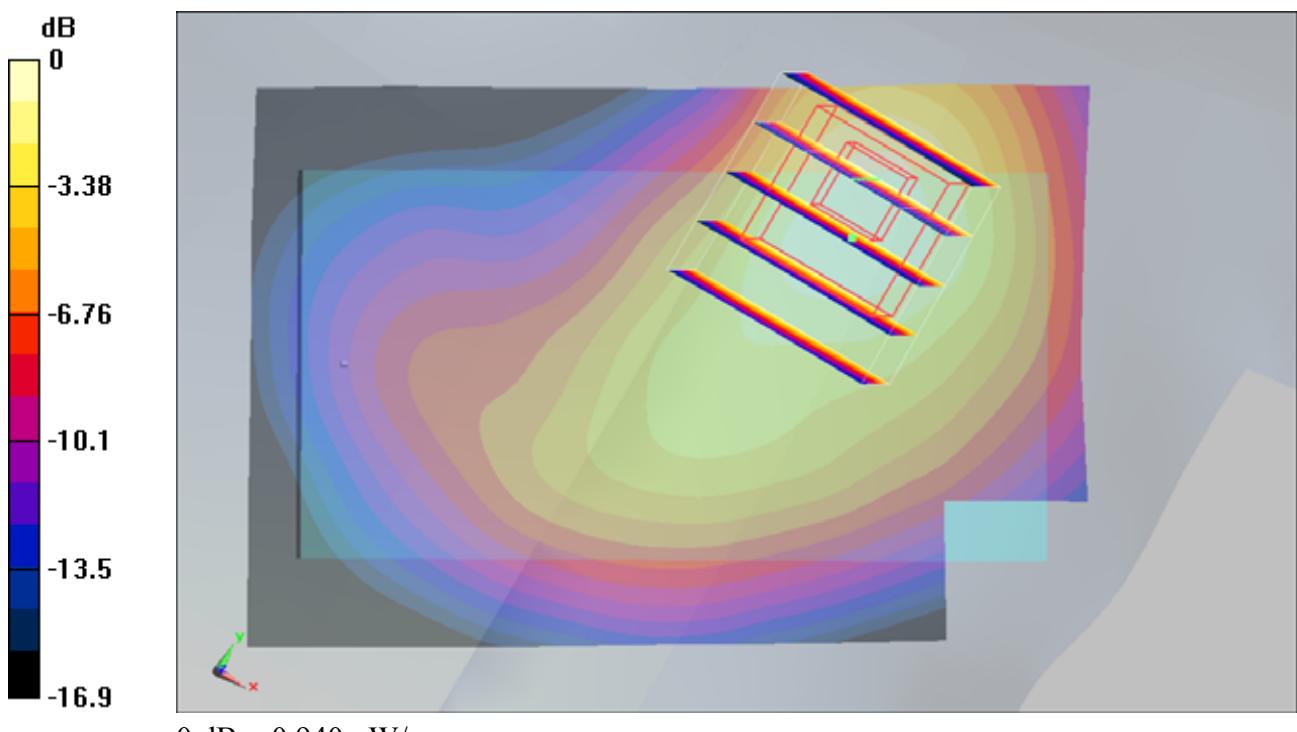
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.32 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 1.43 W/kg

**SAR(1 g) = 0.848 mW/g; SAR(10 g) = 0.476 mW/g**

Maximum value of SAR (measured) = 0.940 mW/g



0 dB = 0.940mW/g

**#22 GSM1900\_Right Cheek\_Ch810\_2D****DUT: 051810-01**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_100601 Medium parameters used:  $f = 1910 \text{ MHz}$ ;  $\sigma = 1.45 \text{ mho/m}$ ;  $\epsilon_r = 38.1$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.3 ; Liquid Temperature : 21.3

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.11, 5.11, 5.11); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch810/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.924 mW/g

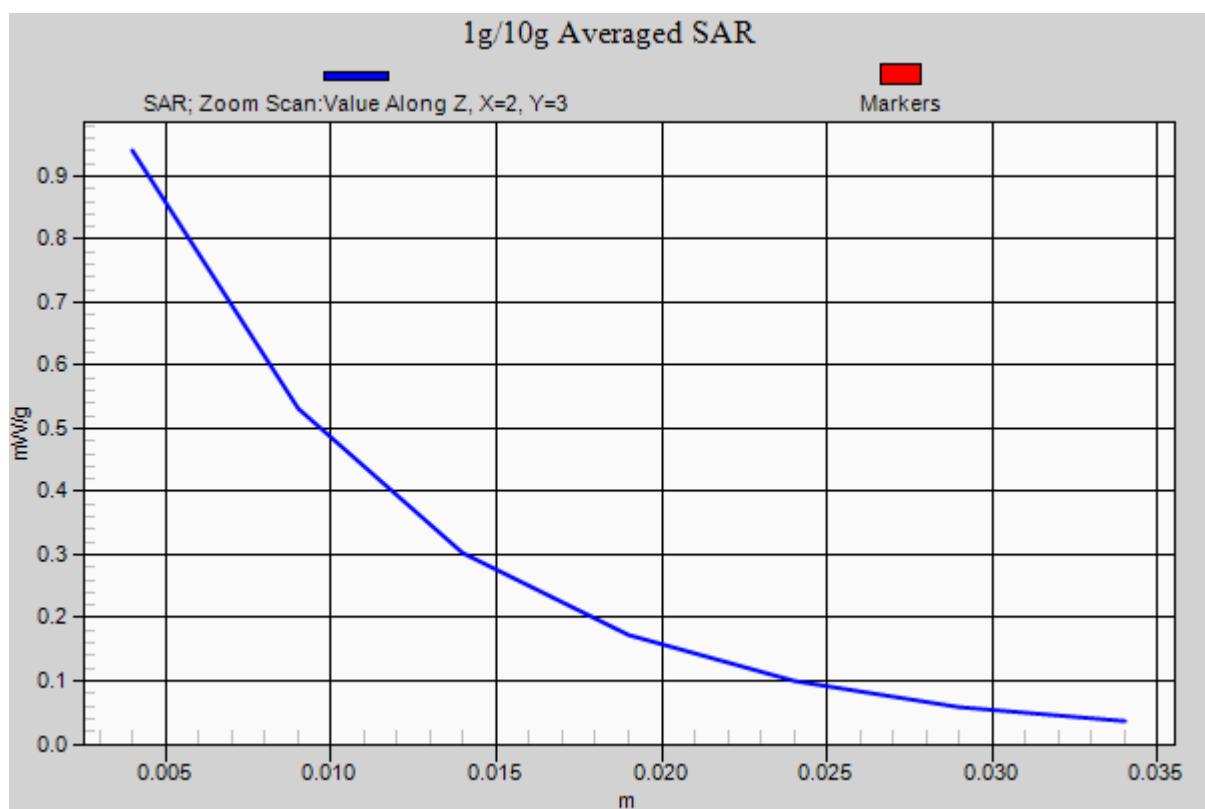
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.32 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 1.43 W/kg

**SAR(1 g) = 0.848 mW/g; SAR(10 g) = 0.476 mW/g**

Maximum value of SAR (measured) = 0.940 mW/g



**#18 GSM1900\_Right Tilted\_Ch661****DUT: 051810-01**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_100601 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.41 \text{ mho/m}$ ;  $\epsilon_r = 38.1$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.2 ; Liquid Temperature : 21.3

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.11, 5.11, 5.11); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch661/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.277 mW/g

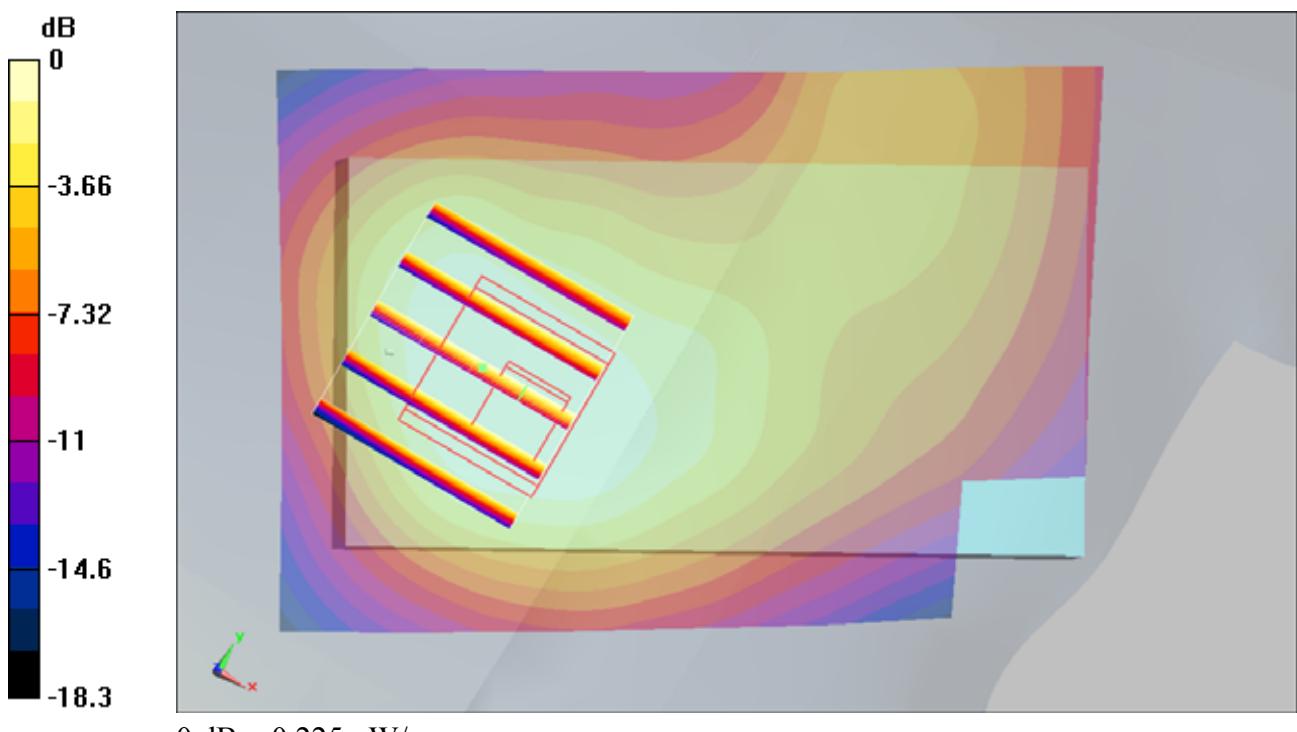
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.8 V/m; Power Drift = 0.00328 dB

Peak SAR (extrapolated) = 0.305 W/kg

**SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.138 mW/g**

Maximum value of SAR (measured) = 0.225 mW/g



0 dB = 0.225mW/g

**#19 GSM1900\_Left Cheek\_Ch661****DUT: 051810-01**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_100601 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.41 \text{ mho/m}$ ;  $\epsilon_r = 38.1$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 ; Liquid Temperature : 21.2

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.11, 5.11, 5.11); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch661/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.520 mW/g

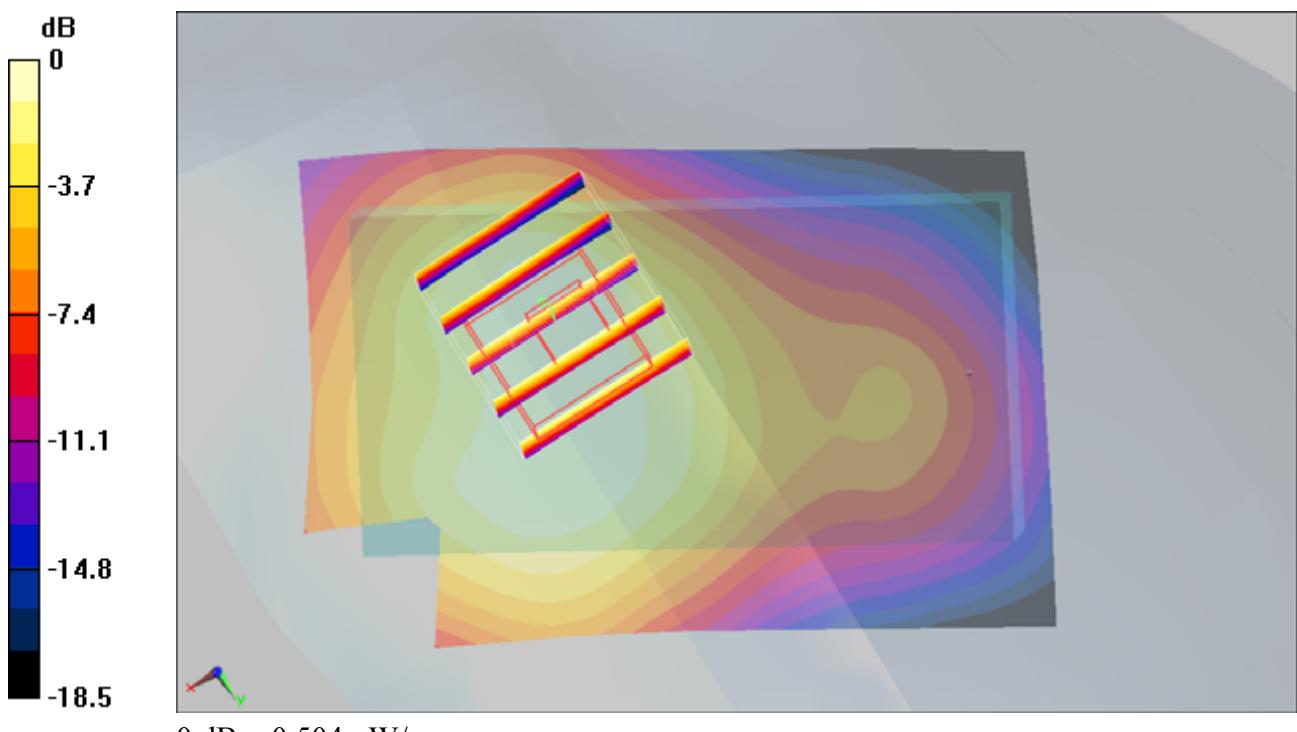
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.96 V/m; Power Drift = -0.069 dB

Peak SAR (extrapolated) = 0.664 W/kg

**SAR(1 g) = 0.469 mW/g; SAR(10 g) = 0.298 mW/g**

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



0 dB = 0.504mW/g

**#20 GSM1900\_Left Tilted\_Ch661****DUT: 051810-01**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_100601 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.41 \text{ mho/m}$ ;  $\epsilon_r = 38.8$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.3 ; Liquid Temperature : 21.2

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.11, 5.11, 5.11); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch661/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.253 mW/g

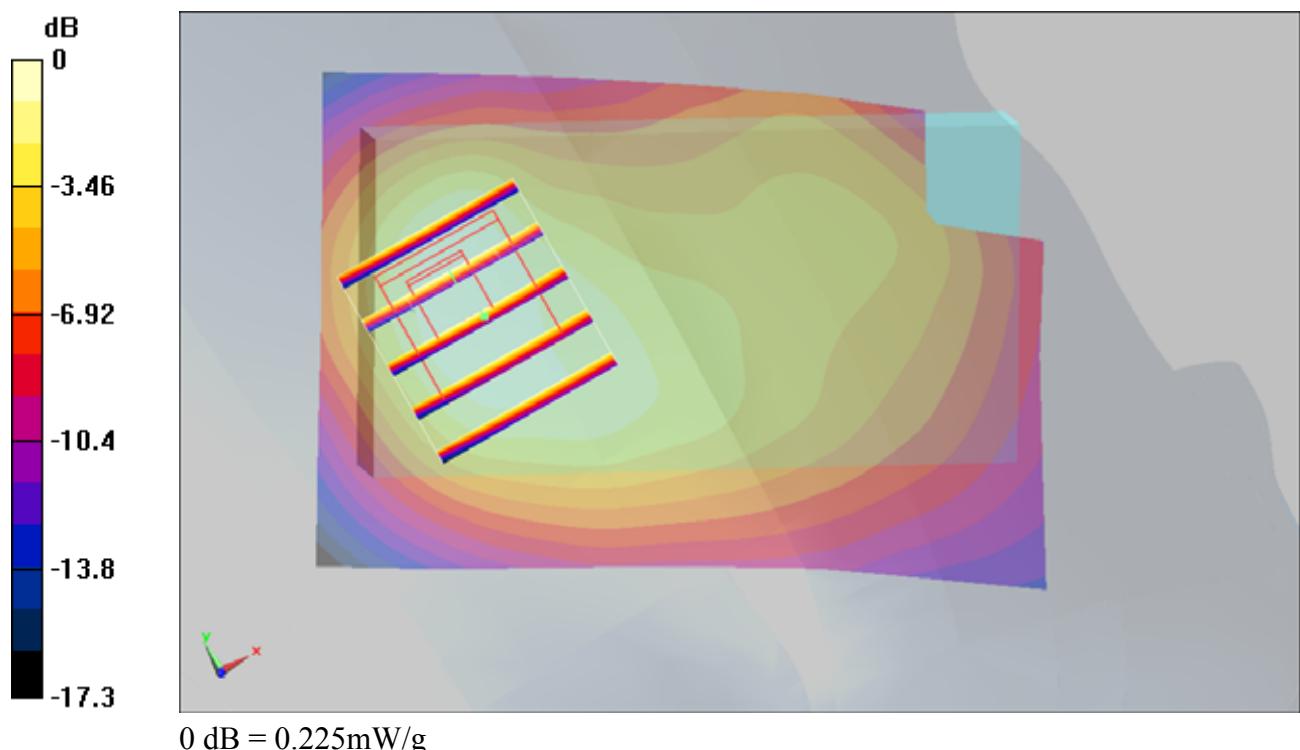
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.9 V/m; Power Drift = -0.066 dB

Peak SAR (extrapolated) = 0.324 W/kg

**SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.125 mW/g**

Maximum value of SAR (measured) = 0.225 mW/g



**#37 WCDMA V\_RMC12.2k\_Right Cheek\_Ch4182****DUT: 051810-01**

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

Medium: HSL\_850\_100602 Medium parameters used:  $f = 836.4 \text{ MHz}$ ;  $\sigma = 0.914 \text{ mho/m}$ ;  $\epsilon_r = 40.6$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.4 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.3, 6.3, 6.3); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch4182/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.738 mW/g

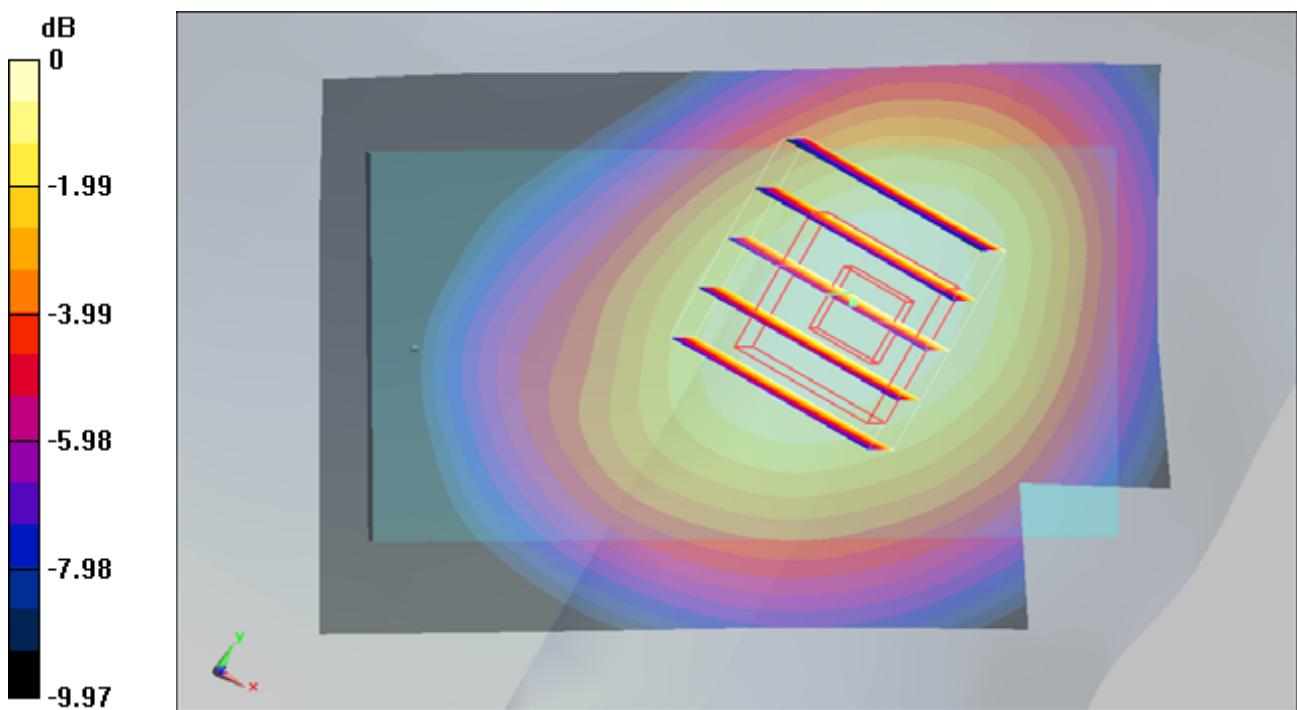
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.1 V/m; Power Drift = -0.199 dB

Peak SAR (extrapolated) = 0.825 W/kg

**SAR(1 g) = 0.664 mW/g; SAR(10 g) = 0.489 mW/g**

Maximum value of SAR (measured) = 0.694 mW/g



0 dB = 0.694mW/g

**#38 WCDMA V\_RMC12.2k\_Right Tilted\_Ch4182****DUT: 051810-01**

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

Medium: HSL\_850\_100602 Medium parameters used:  $f = 836.4 \text{ MHz}$ ;  $\sigma = 0.914 \text{ mho/m}$ ;  $\epsilon_r = 40.6$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.4 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.3, 6.3, 6.3); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch4182/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.383 mW/g

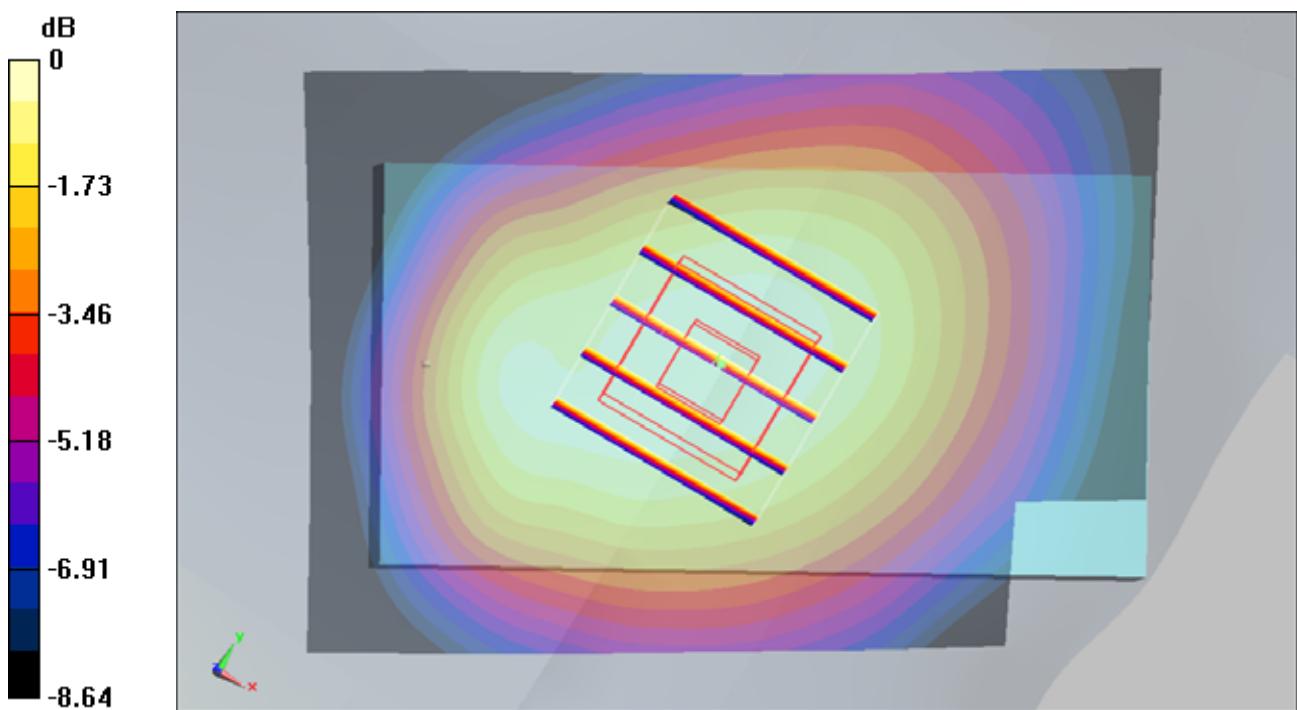
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17 V/m; Power Drift = -0.100 dB

Peak SAR (extrapolated) = 0.448 W/kg

**SAR(1 g) = 0.367 mW/g; SAR(10 g) = 0.276 mW/g**

Maximum value of SAR (measured) = 0.386 mW/g



0 dB = 0.386mW/g

**#41 WCDMA V\_RMC12.2k\_Left Cheek\_Ch4132****DUT: 051810-01**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_100602 Medium parameters used:  $f = 826.4 \text{ MHz}$ ;  $\sigma = 0.904 \text{ mho/m}$ ;  $\epsilon_r = 40.7$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.3, 6.3, 6.3); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch4132/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.837 mW/g

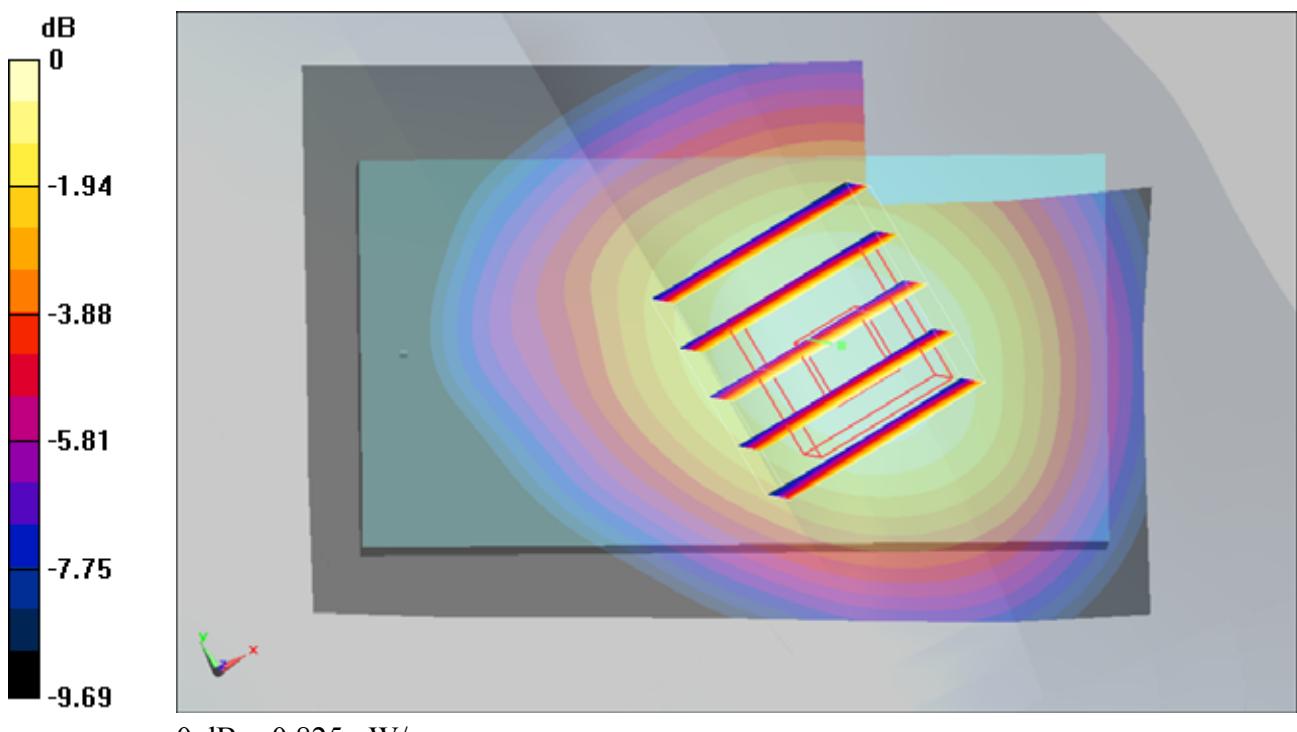
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.7 V/m; Power Drift = -0.178 dB

Peak SAR (extrapolated) = 0.967 W/kg

**SAR(1 g) = 0.780 mW/g; SAR(10 g) = 0.571 mW/g**

Maximum value of SAR (measured) = 0.825 mW/g



$0 \text{ dB} = 0.825\text{mW/g}$

## #41 WCDMA V\_RMC12.2k\_Left Cheek\_Ch4132\_2D

**DUT: 051810-01**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_100602 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.904$  mho/m;  $\epsilon_r = 40.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.3, 6.3, 6.3); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch4132/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.837 mW/g

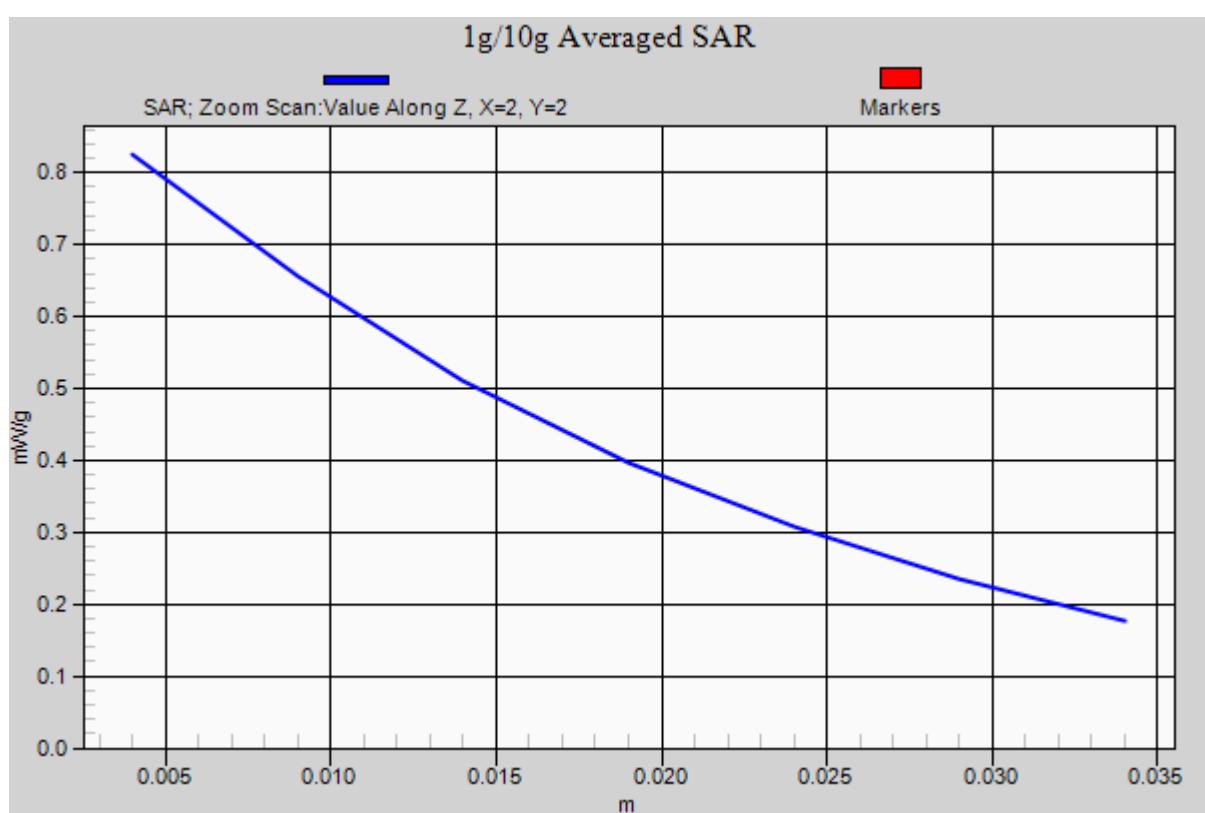
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.7 V/m; Power Drift = -0.178 dB

Peak SAR (extrapolated) = 0.967 W/kg

**SAR(1 g) = 0.780 mW/g; SAR(10 g) = 0.571 mW/g**

Maximum value of SAR (measured) = 0.825 mW/g



**#40 WCDMA V\_RMC12.2k\_Left Tilted\_Ch4182****DUT: 051810-01**

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

Medium: HSL\_850\_100602 Medium parameters used:  $f = 836.4 \text{ MHz}$ ;  $\sigma = 0.914 \text{ mho/m}$ ;  $\epsilon_r = 40.6$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.3, 6.3, 6.3); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch4182/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.326 mW/g

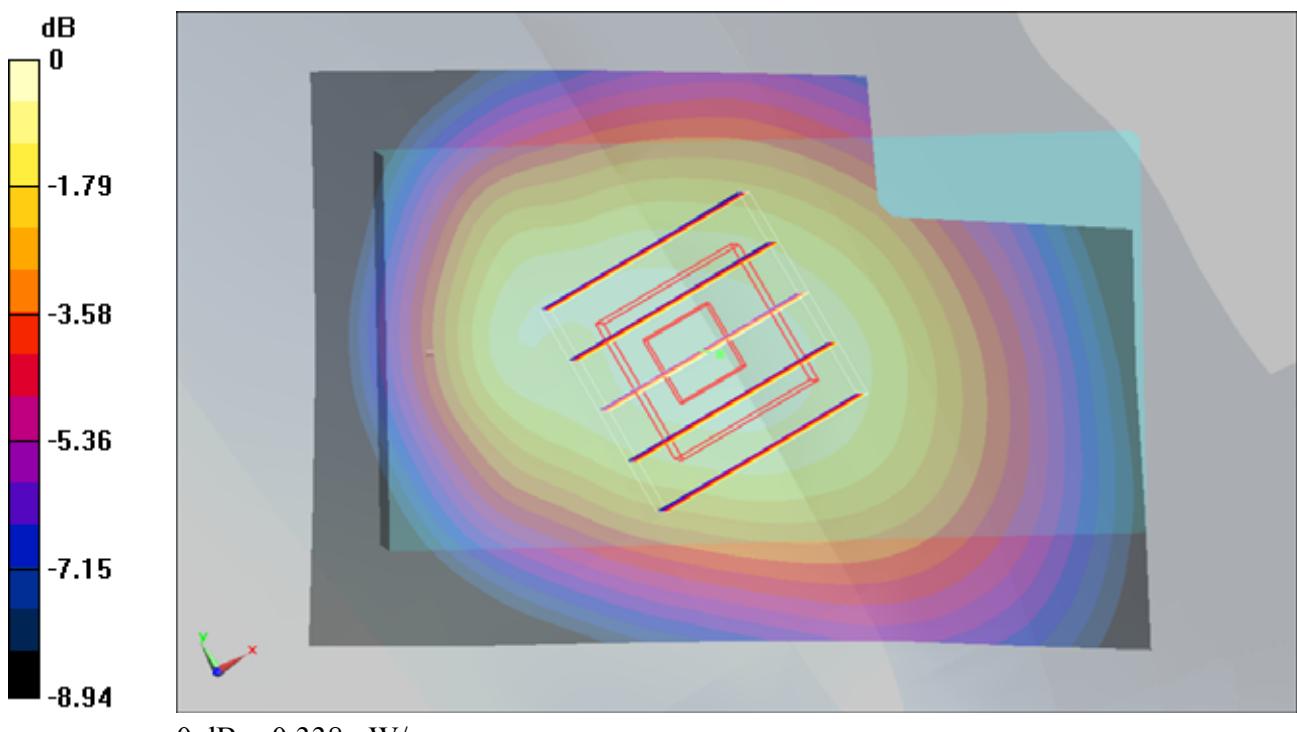
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15 V/m; Power Drift = 0.106 dB

Peak SAR (extrapolated) = 0.395 W/kg

**SAR(1 g) = 0.321 mW/g; SAR(10 g) = 0.242 mW/g**

Maximum value of SAR (measured) = 0.338 mW/g



0 dB = 0.338mW/g

**#28 WCDMA\_II\_RMC12.2K\_Right Cheek\_Ch9538****DUT: 051810-01**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_100603 Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.44 \text{ mho/m}$ ;  $\epsilon_r = 39.2$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.7 ; Liquid Temperature : 21.1

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.11, 5.11, 5.11); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch9538/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm

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

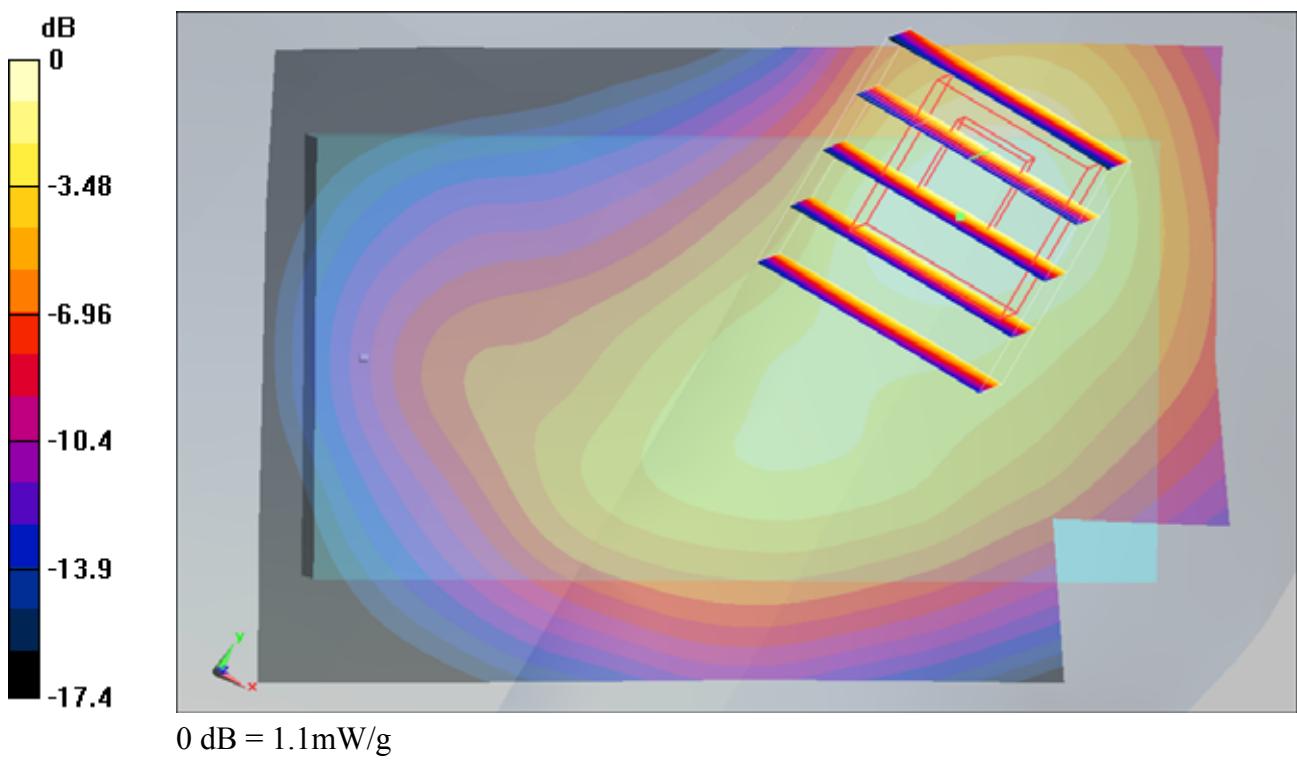
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10 V/m; Power Drift = -0.148 dB

Peak SAR (extrapolated) = 1.68 W/kg

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

Maximum value of SAR (measured) = 1.1 mW/g



**#28 WCDMA\_II\_RMC12.2K\_Right Cheek\_Ch9538\_2D****DUT: 051810-01**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_100603 Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.44 \text{ mho/m}$ ;  $\epsilon_r = 39.2$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.7 ; Liquid Temperature : 21.1

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.11, 5.11, 5.11); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch9538/Area Scan (41x61x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$ 

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

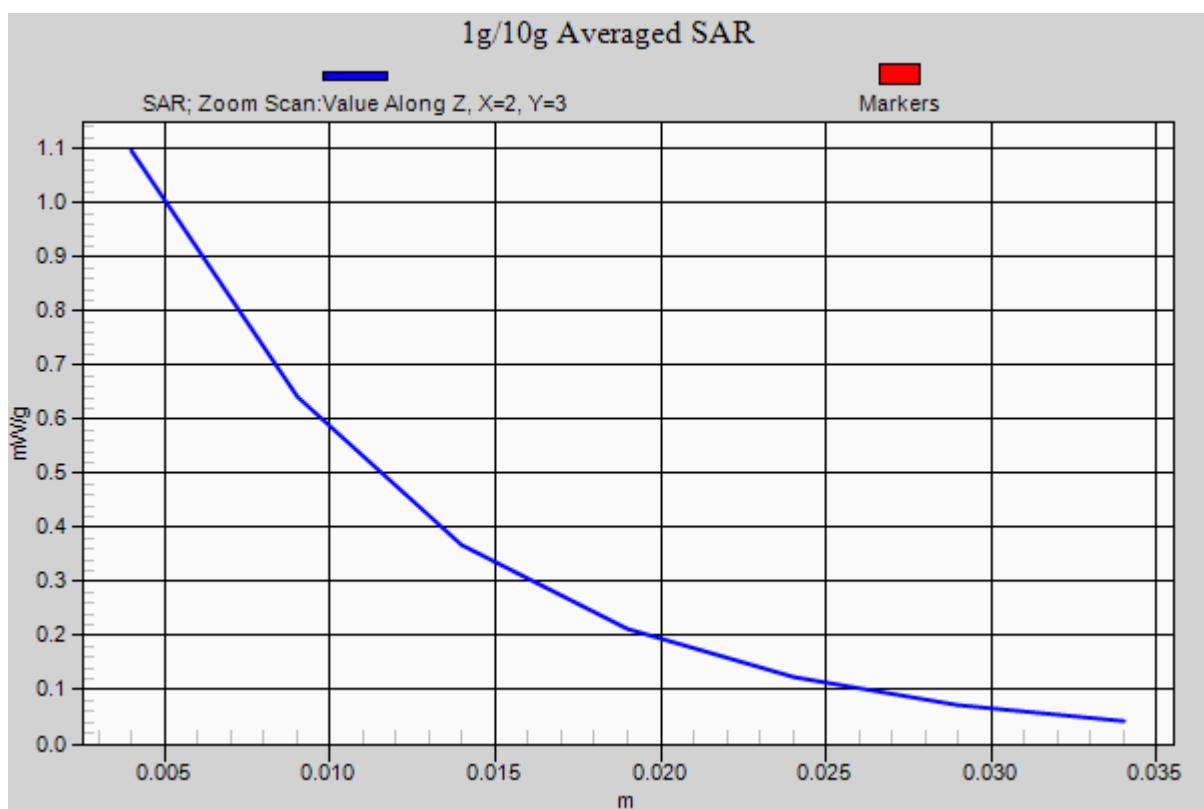
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 10 V/m; Power Drift = -0.148 dB

Peak SAR (extrapolated) = 1.68 W/kg

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

Maximum value of SAR (measured) = 1.1 mW/g



**#24 WCDMA\_II\_RMC12.2K\_Right Tilted\_Ch9400****DUT: 051810-01**

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

Medium: HSL\_1900\_100603 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.41 \text{ mho/m}$ ;  $\epsilon_r = 39.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.3 ; Liquid Temperature : 21.1

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.11, 5.11, 5.11); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch9400/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.367 mW/g

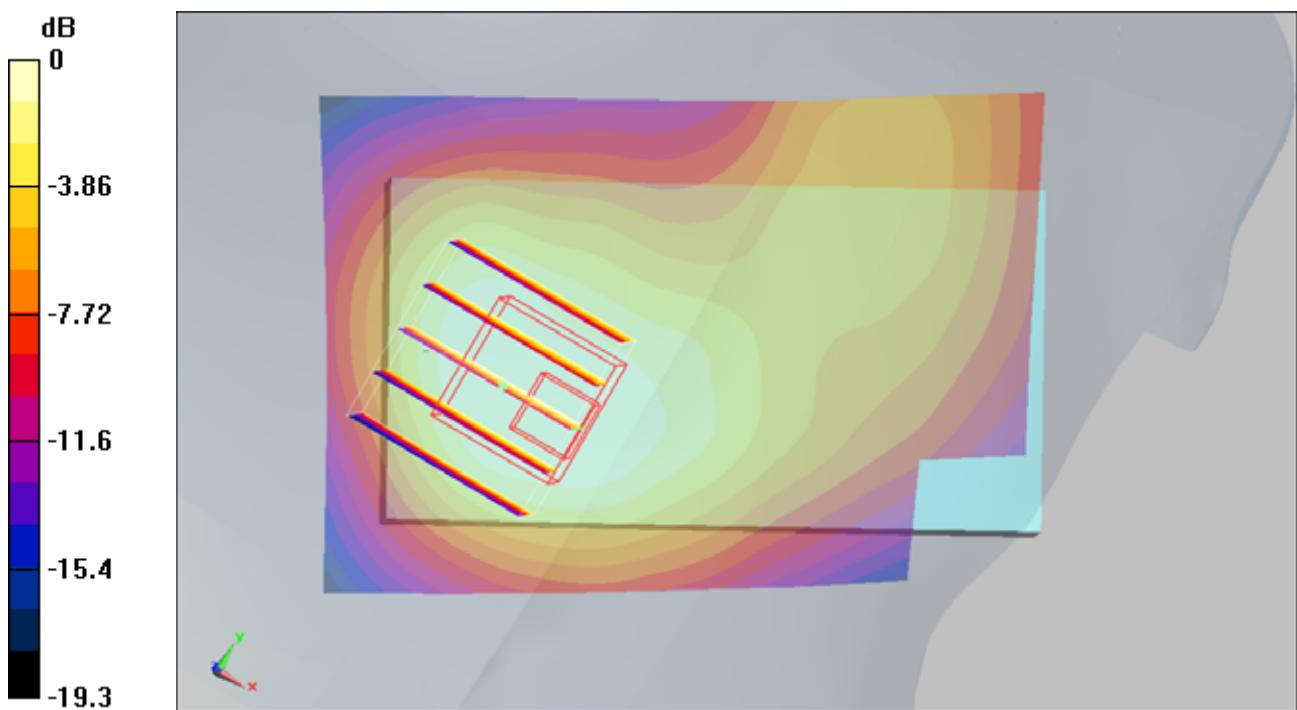
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.7 V/m; Power Drift = -0.113 dB

Peak SAR (extrapolated) = 0.400 W/kg

**SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.176 mW/g**

Maximum value of SAR (measured) = 0.294 mW/g



0 dB = 0.294mW/g

**#25 WCDMA\_II\_RMC12.2K\_Left Cheek\_Ch9400****DUT: 051810-01**

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

Medium: HSL\_1900\_100603 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.41 \text{ mho/m}$ ;  $\epsilon_r = 39.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.4 ; Liquid Temperature : 21.1

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.11, 5.11, 5.11); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch9400/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.737 mW/g

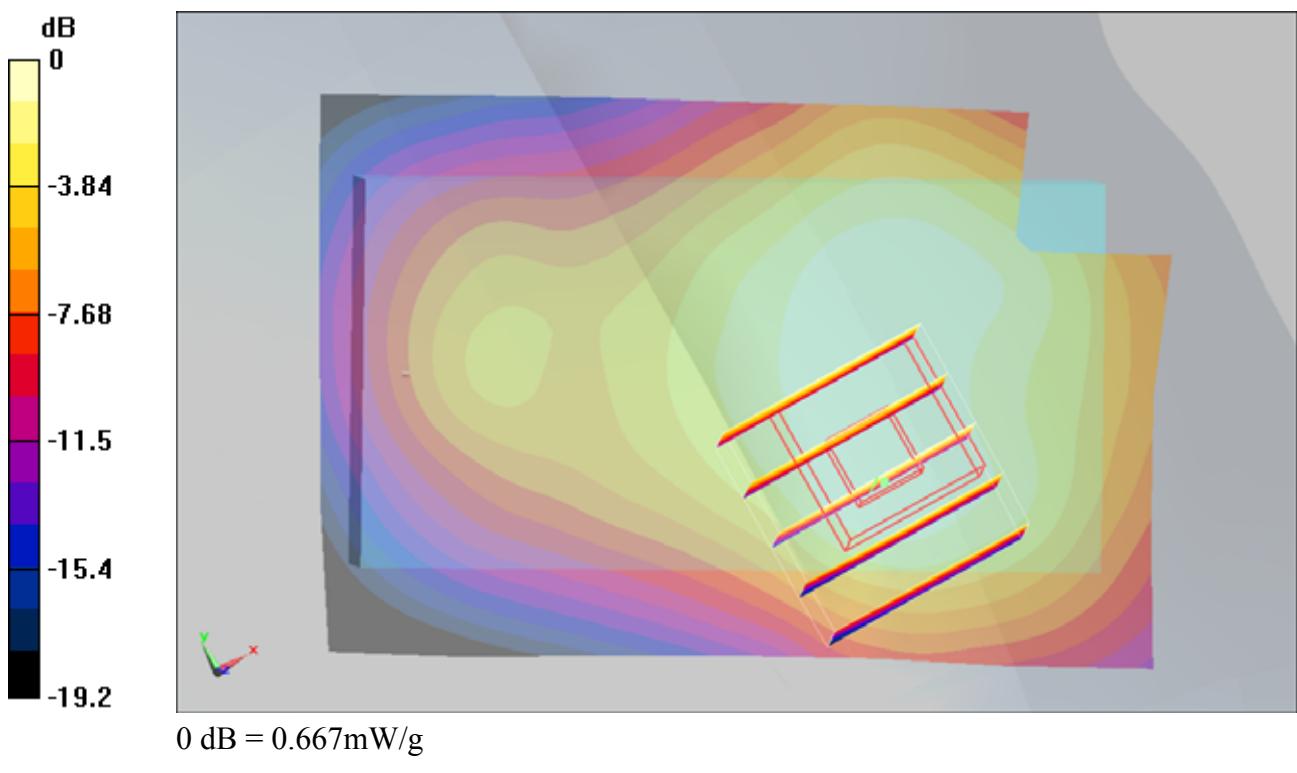
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.3 V/m; Power Drift = -0.159 dB

Peak SAR (extrapolated) = 0.890 W/kg

**SAR(1 g) = 0.614 mW/g; SAR(10 g) = 0.393 mW/g**

Maximum value of SAR (measured) = 0.667 mW/g



**#26 WCDMA\_II\_RMC12.2K\_Left Tilted\_Ch9400****DUT: 051810-01**

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

Medium: HSL\_1900\_100603 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.41 \text{ mho/m}$ ;  $\epsilon_r = 39.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.3 ; Liquid Temperature : 21.1

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.11, 5.11, 5.11); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch9400/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.355 mW/g

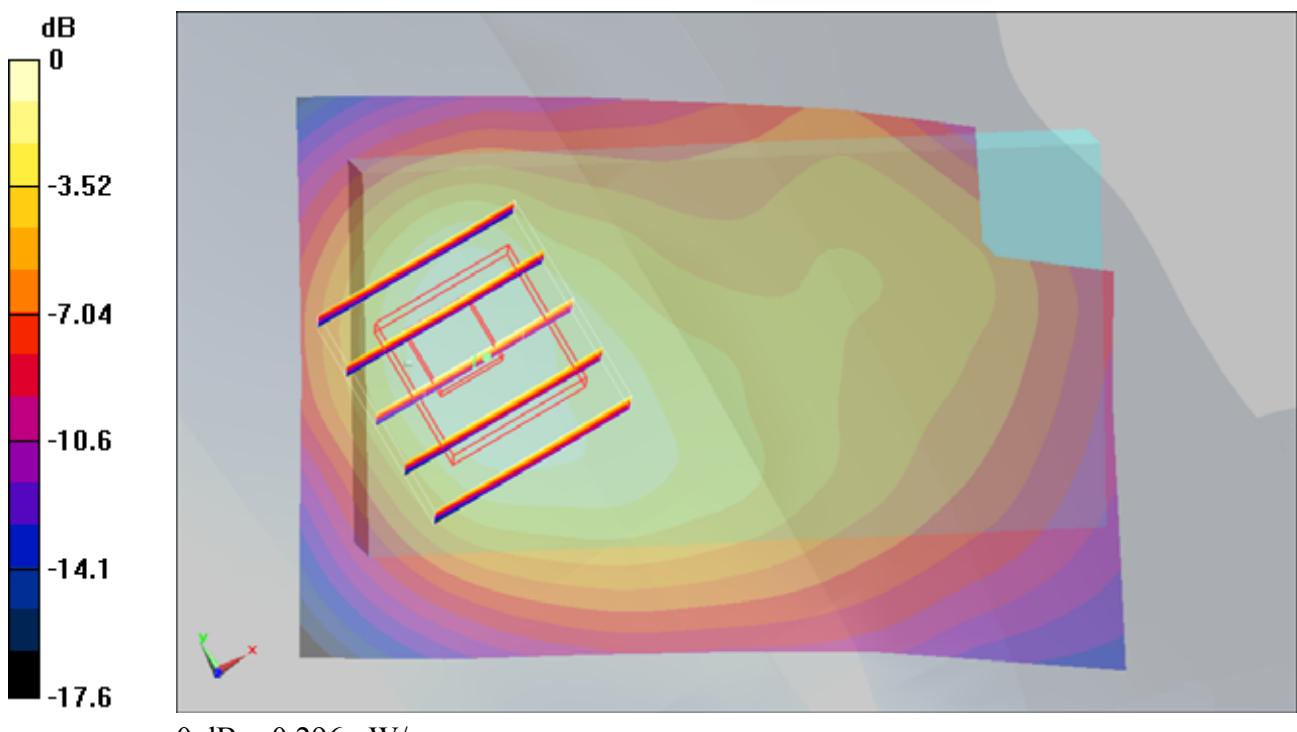
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.5 V/m; Power Drift = -0.123 dB

Peak SAR (extrapolated) = 0.432 W/kg

**SAR(1 g) = 0.277 mW/g; SAR(10 g) = 0.163 mW/g**

Maximum value of SAR (measured) = 0.296 mW/g



0 dB = 0.296mW/g

**#09 GSM850\_GPRS12\_Face\_1.5cm\_Ch189****DUT: 051810-01**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: MSL\_850\_100601 Medium parameters used :  $f = 836.4 \text{ MHz}$ ;  $\sigma = 0.966 \text{ mho/m}$ ;  $\epsilon_r = 53.4$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 ; Liquid Temperature : 21.2

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch189/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.541 mW/g

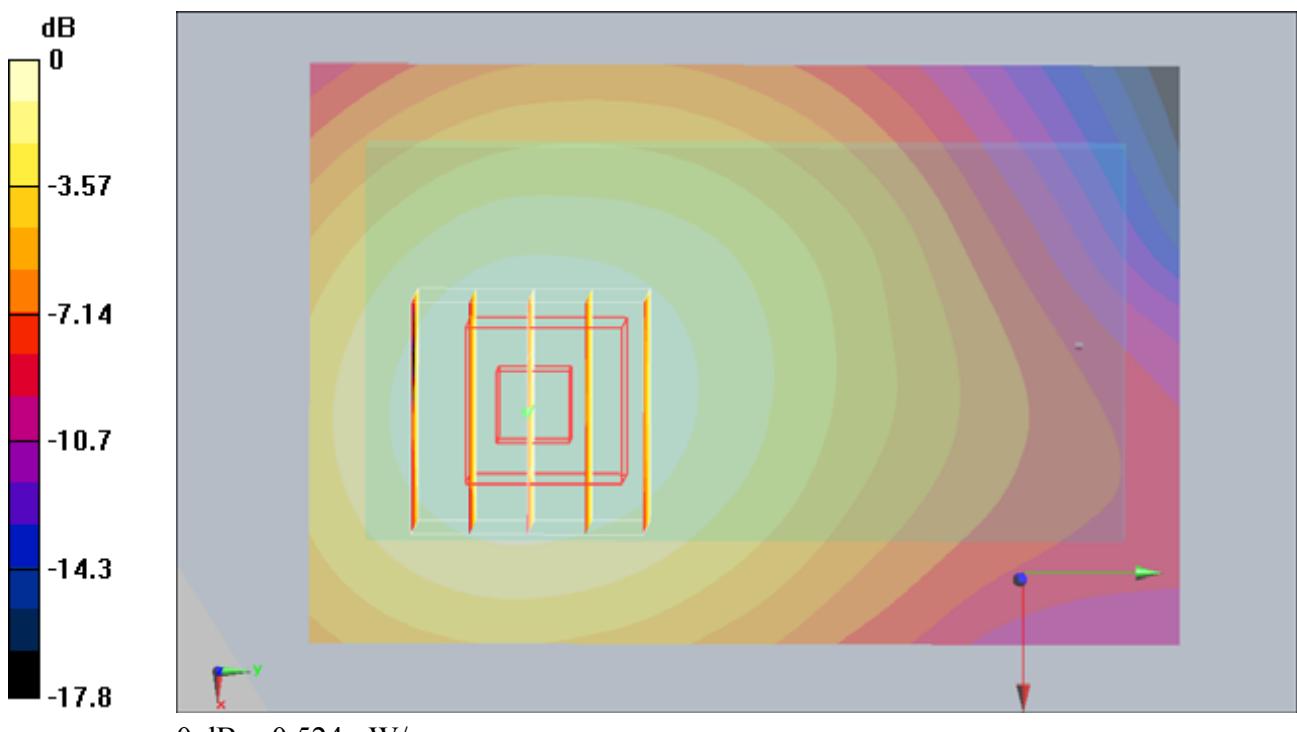
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.47 V/m; Power Drift = -0.153 dB

Peak SAR (extrapolated) = 1.03 W/kg

**SAR(1 g) = 0.493 mW/g; SAR(10 g) = 0.358 mW/g**

Maximum value of SAR (measured) = 0.524 mW/g



0 dB = 0.524mW/g

**#12 GSM850\_GPRS12\_Bottom\_1.5cm\_Ch251****DUT: 051810-01**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL\_850\_100601 Medium parameters used:  $f = 849 \text{ MHz}$ ;  $\sigma = 0.978 \text{ mho/m}$ ;  $\epsilon_r = 53.2$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 ; Liquid Temperature : 21.2

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch251/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.26 mW/g

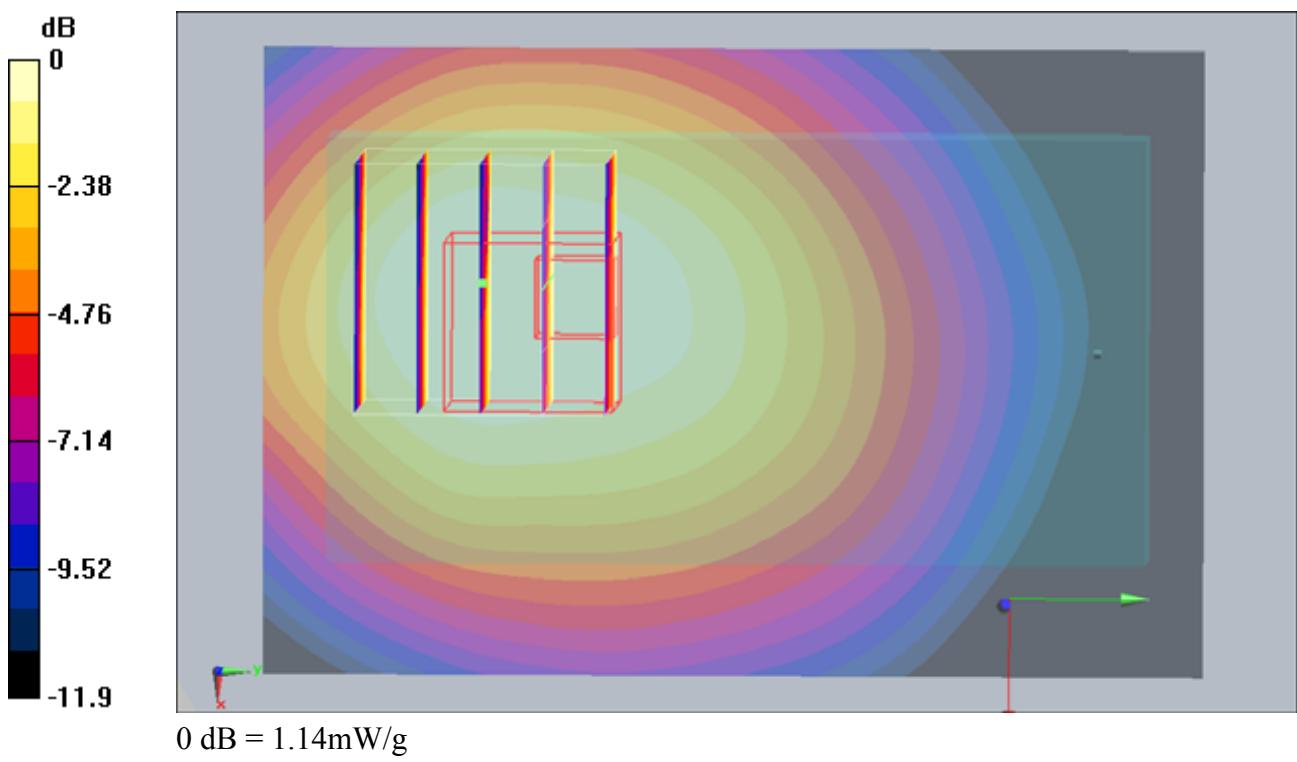
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.69 V/m; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 1.55 W/kg

**SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.718 mW/g**

Maximum value of SAR (measured) = 1.14 mW/g



**#12 GSM850\_GPRS12\_Bottom\_1.5cm\_Ch251\_2D****DUT: 051810-01**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL\_850\_100601 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.978$  mho/m;  $\epsilon_r = 53.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.2

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch251/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.26 mW/g

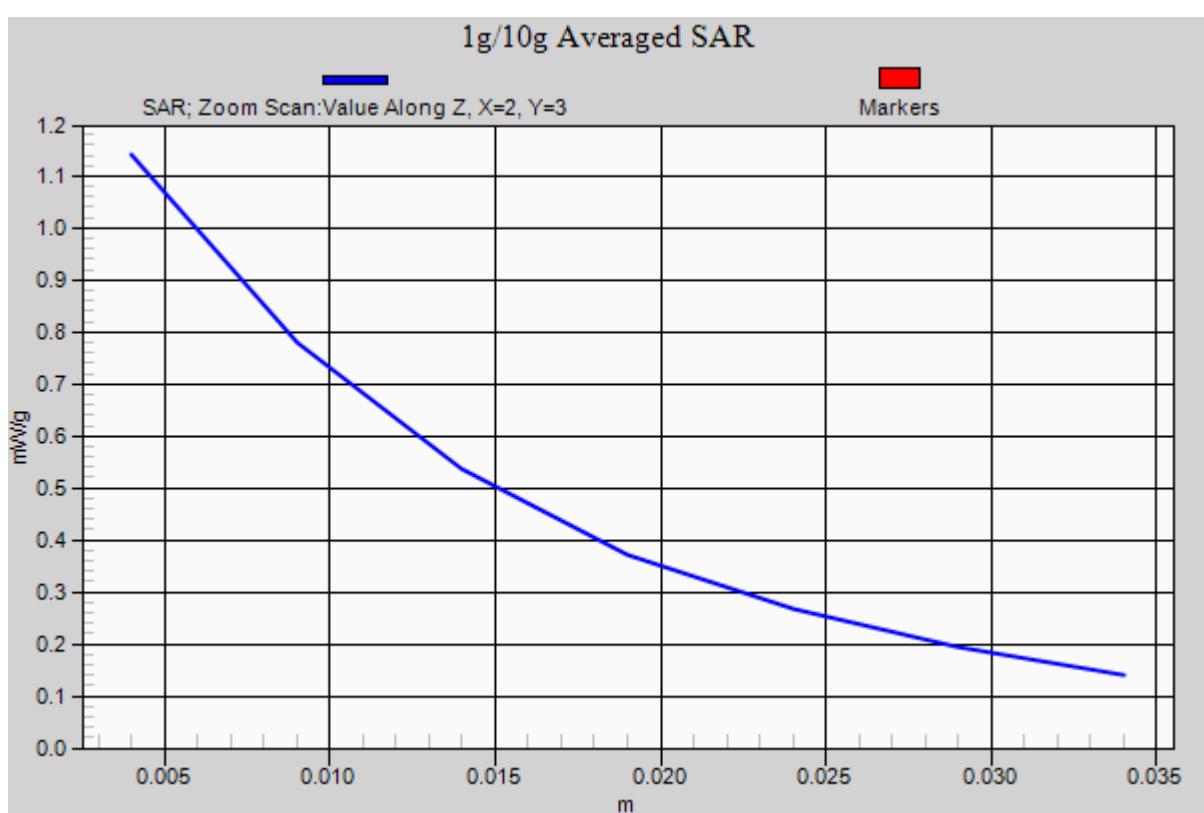
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.69 V/m; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 1.55 W/kg

**SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.718 mW/g**

Maximum value of SAR (measured) = 1.14 mW/g



**#01 GSM1900\_GPRS12\_Face\_1.5cm\_Ch661****DUT: 051810-01**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_100530 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.53 \text{ mho/m}$ ;  $\epsilon_r = 52$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.4 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(8.01, 8.01, 8.01); Calibrated: 2010/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch661/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.298 mW/g

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

Reference Value = 9.8 V/m; Power Drift = -0.180 dB

Peak SAR (extrapolated) = 0.475 W/kg

**SAR(1 g) = 0.260 mW/g; SAR(10 g) = 0.156 mW/g**

Maximum value of SAR (measured) = 0.276 mW/g

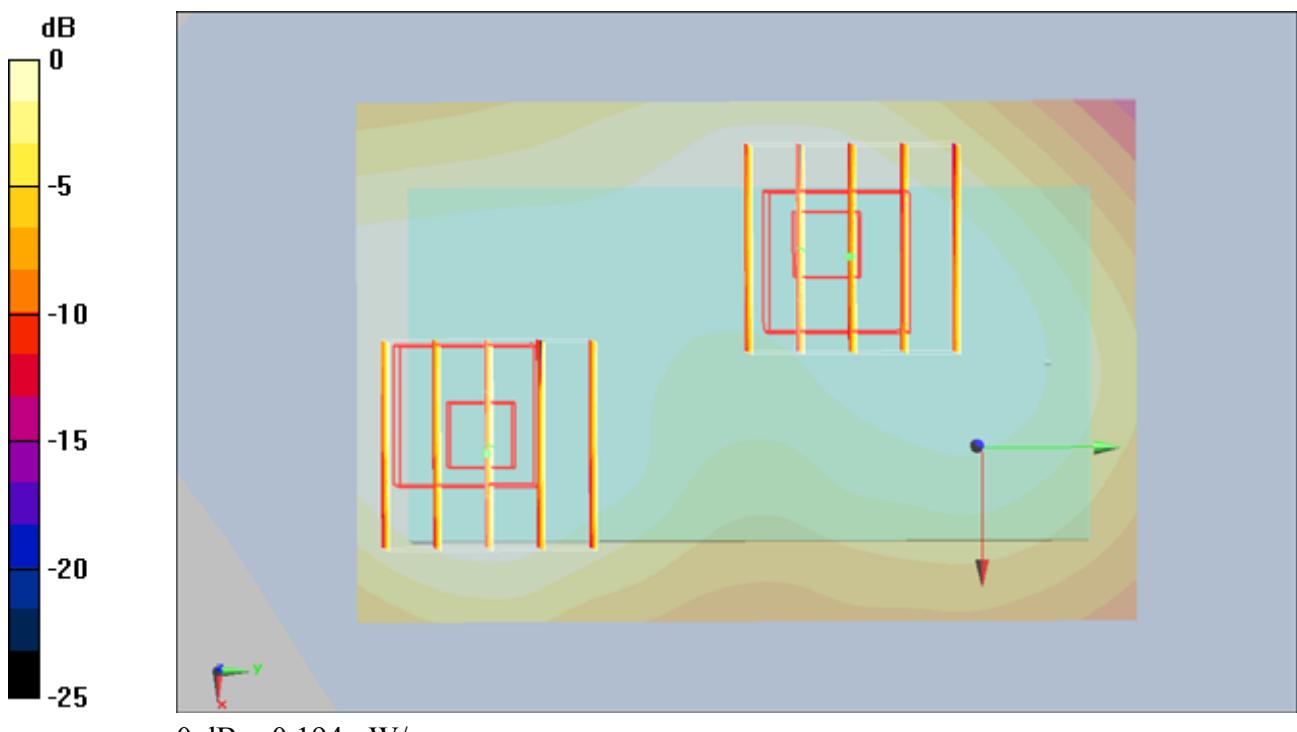
**Ch661/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.8 V/m; Power Drift = -0.180 dB

Peak SAR (extrapolated) = 0.282 W/kg

**SAR(1 g) = 0.183 mW/g; SAR(10 g) = 0.117 mW/g**

Maximum value of SAR (measured) = 0.194 mW/g



0 dB = 0.194mW/g

**#04 GSM1900\_GPRS12\_Bottom\_1.5cm\_Ch810****DUT: 051810-01**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_100530 Medium parameters used:  $f = 1910 \text{ MHz}$ ;  $\sigma = 1.55 \text{ mho/m}$ ;  $\epsilon_r = 51.9$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.4 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(8.01, 8.01, 8.01); Calibrated: 2010/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch810/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.539 mW/g

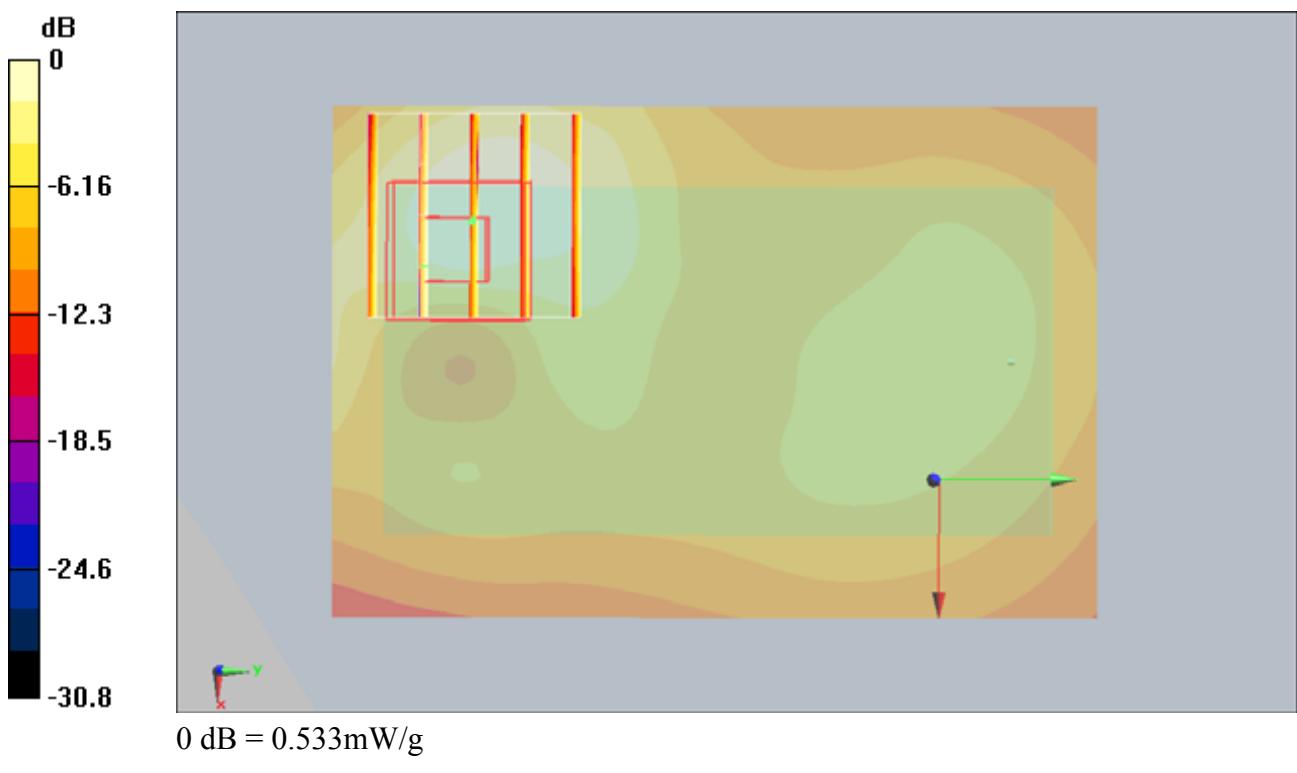
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.91 V/m; Power Drift = 0.102 dB

Peak SAR (extrapolated) = 1.12 W/kg

**SAR(1 g) = 0.497 mW/g; SAR(10 g) = 0.289 mW/g**

Maximum value of SAR (measured) = 0.533 mW/g



## #04 GSM1900\_GPRS12\_Bottom\_1.5cm\_Ch810\_2D

**DUT: 051810-01**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_100530 Medium parameters used:  $f = 1910 \text{ MHz}$ ;  $\sigma = 1.55 \text{ mho/m}$ ;  $\epsilon_r = 51.9$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.4 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(8.01, 8.01, 8.01); Calibrated: 2010/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch810/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.539 mW/g

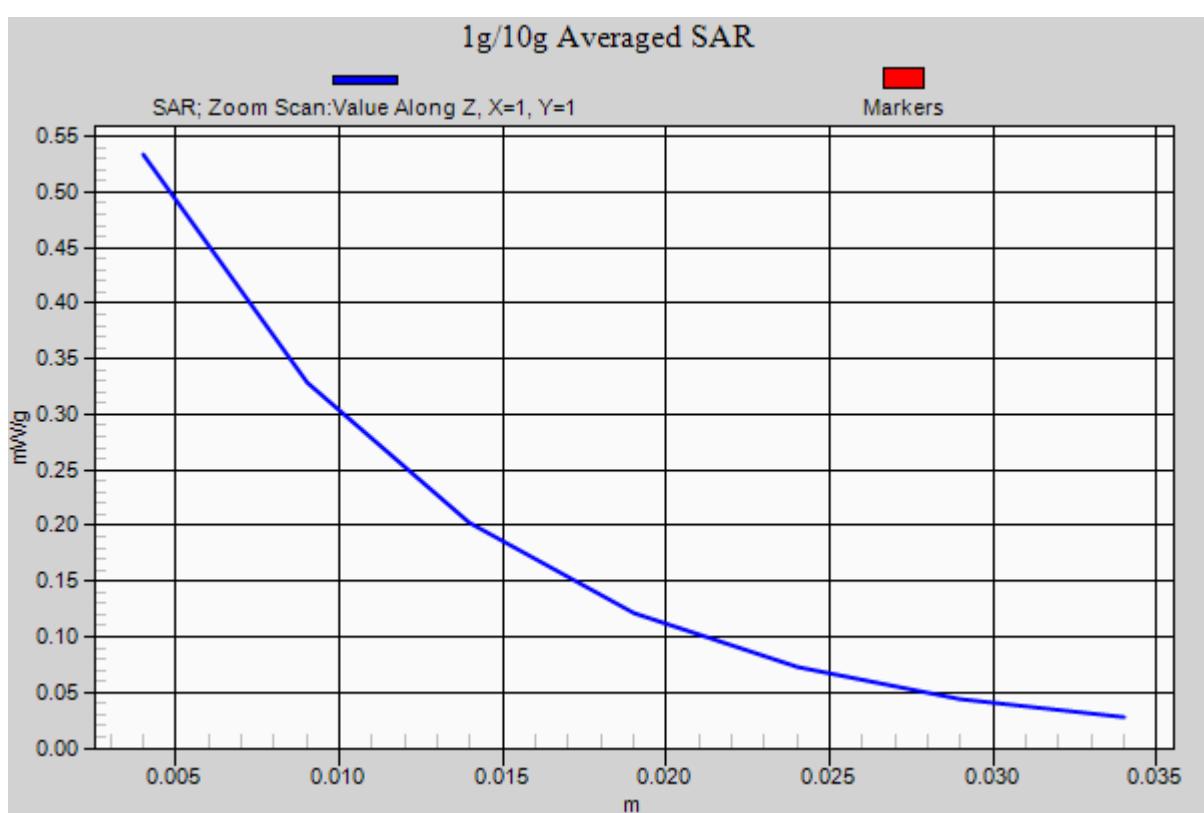
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.91 V/m; Power Drift = 0.102 dB

Peak SAR (extrapolated) = 1.12 W/kg

**SAR(1 g) = 0.497 mW/g; SAR(10 g) = 0.289 mW/g**

Maximum value of SAR (measured) = 0.533 mW/g



**#13 WCDMA V\_RMC12.2K\_Face\_1.5cm\_Ch4182****DUT: 051810-01**

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

Medium: MSL\_850\_100601 Medium parameters used :  $f = 836.4 \text{ MHz}$ ;  $\sigma = 0.966 \text{ mho/m}$ ;  $\epsilon_r = 53.4$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 ; Liquid Temperature : 21.2

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch4182/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.299 mW/g

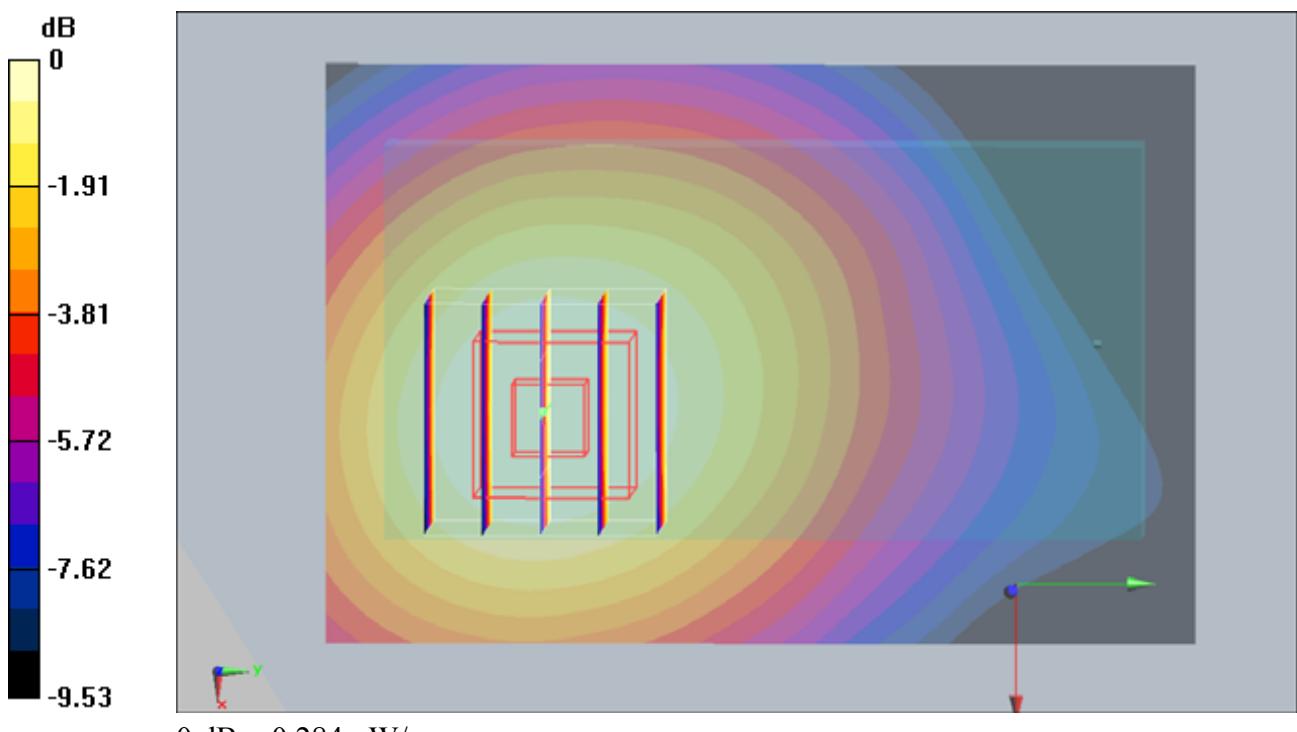
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.66 V/m; Power Drift = -0.132 dB

Peak SAR (extrapolated) = 0.343 W/kg

**SAR(1 g) = 0.268 mW/g; SAR(10 g) = 0.194 mW/g**

Maximum value of SAR (measured) = 0.284 mW/g



0 dB = 0.284mW/g

**#15 WCDMA V\_RMC12.2K\_Bottom\_1.5cm\_Ch4132****DUT: 051810-01**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_100601 Medium parameters used :  $f = 826.4 \text{ MHz}$ ;  $\sigma = 0.955 \text{ mho/m}$ ;  $\epsilon_r = 53.5$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 ; Liquid Temperature : 21.2

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch4132/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.831 mW/g

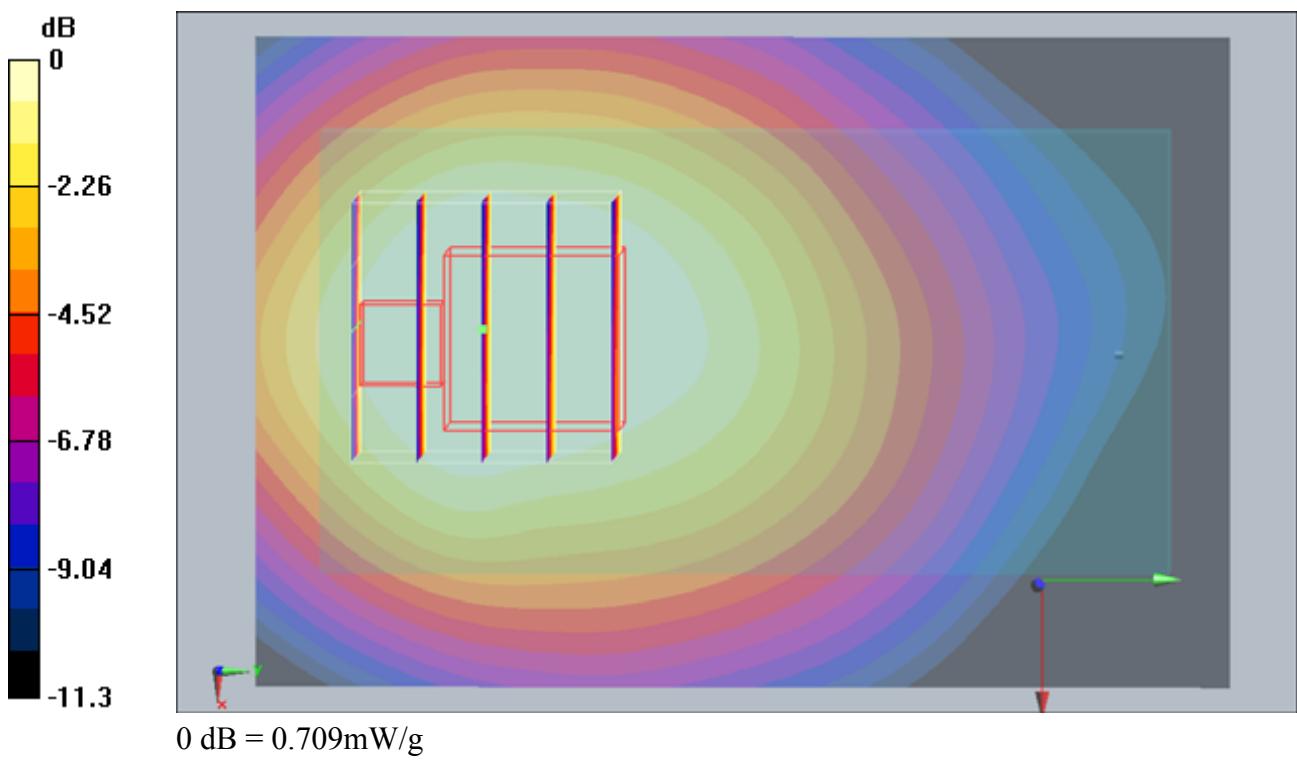
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.52 V/m; Power Drift = -0.171 dB

Peak SAR (extrapolated) = 1.06 W/kg

**SAR(1 g) = 0.671 mW/g; SAR(10 g) = 0.452 mW/g**

Maximum value of SAR (measured) = 0.709 mW/g



## #15 WCDMA V\_RMC12.2K\_Bottom\_1.5cm\_Ch4132\_2D

**DUT: 051810-01**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_100601 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.955$  mho/m;  $\epsilon_r = 53.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.2

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch4132/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.831 mW/g

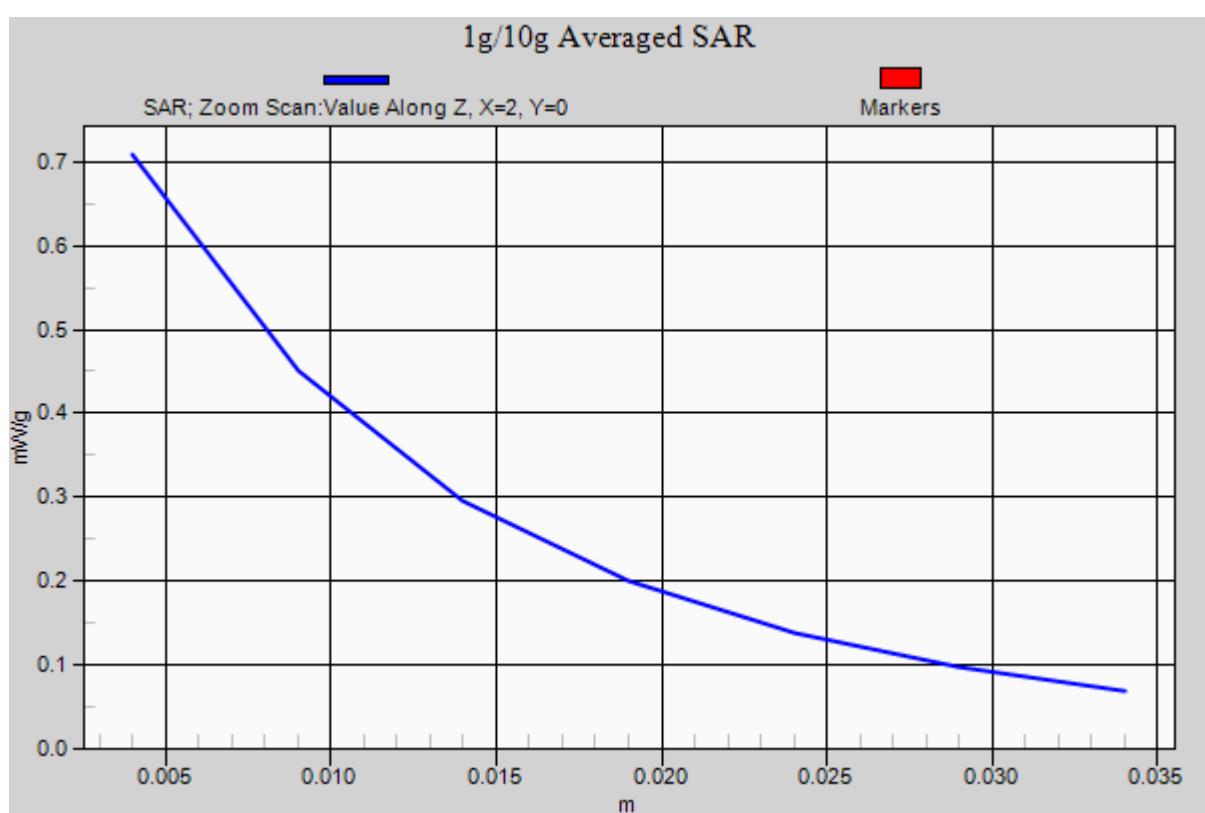
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.52 V/m; Power Drift = -0.171 dB

Peak SAR (extrapolated) = 1.06 W/kg

**SAR(1 g) = 0.671 mW/g; SAR(10 g) = 0.452 mW/g**

Maximum value of SAR (measured) = 0.709 mW/g



**#05 WCDMA II\_RMC12.2k\_Face\_1.5cm\_Ch9400****DUT: 051810-01**

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

Medium: MSL\_1900\_100530 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.53 \text{ mho/m}$ ;  $\epsilon_r = 52$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(8.01, 8.01, 8.01); Calibrated: 2010/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch9400/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.312 mW/g

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

Reference Value = 10.1 V/m; Power Drift = -0.134 dB

Peak SAR (extrapolated) = 0.436 W/kg

**SAR(1 g) = 0.262 mW/g; SAR(10 g) = 0.157 mW/g**

Maximum value of SAR (measured) = 0.284 mW/g

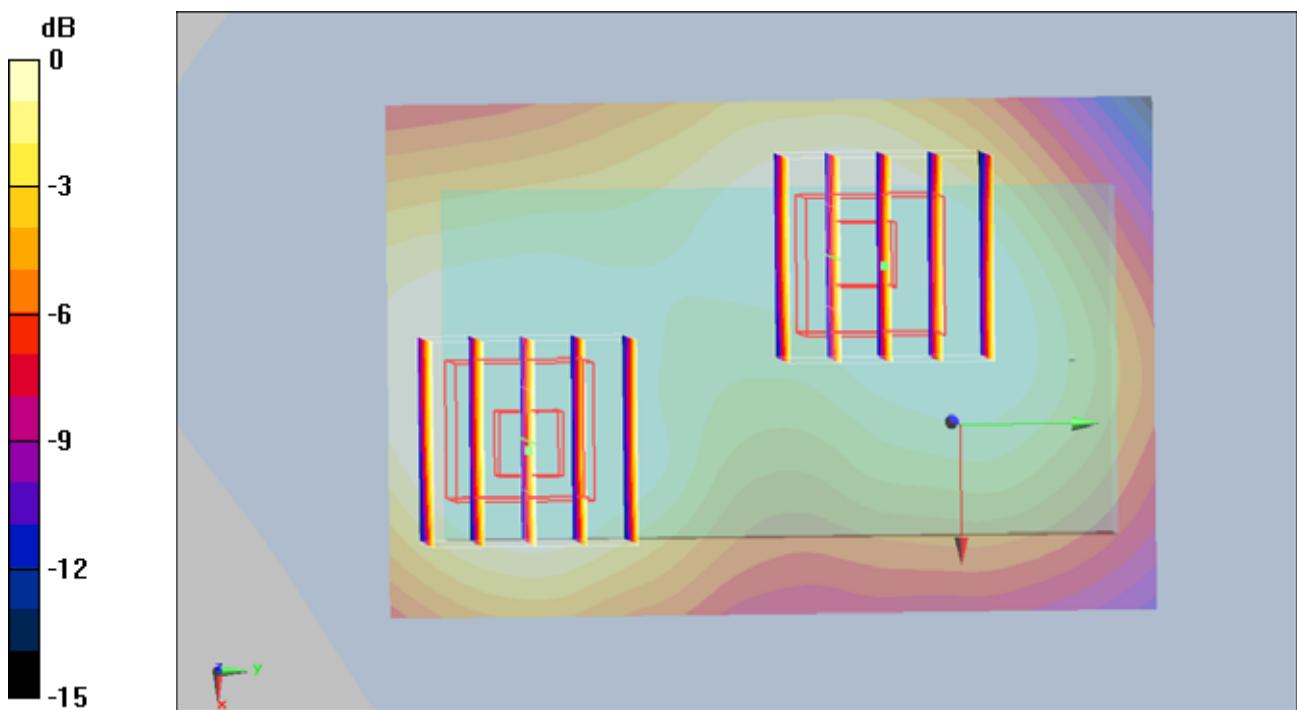
**Ch9400/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = -0.134 dB

Peak SAR (extrapolated) = 0.304 W/kg

**SAR(1 g) = 0.198 mW/g; SAR(10 g) = 0.127 mW/g**

Maximum value of SAR (measured) = 0.209 mW/g



0 dB = 0.209mW/g

**#08 WCDMA II\_RMC12.2k\_Bottom\_1.5cm\_Ch9538****DUT: 051810-01**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_100530 Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.55 \text{ mho/m}$ ;  $\epsilon_r = 51.9$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(8.01, 8.01, 8.01); Calibrated: 2010/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch9538/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.590 mW/g

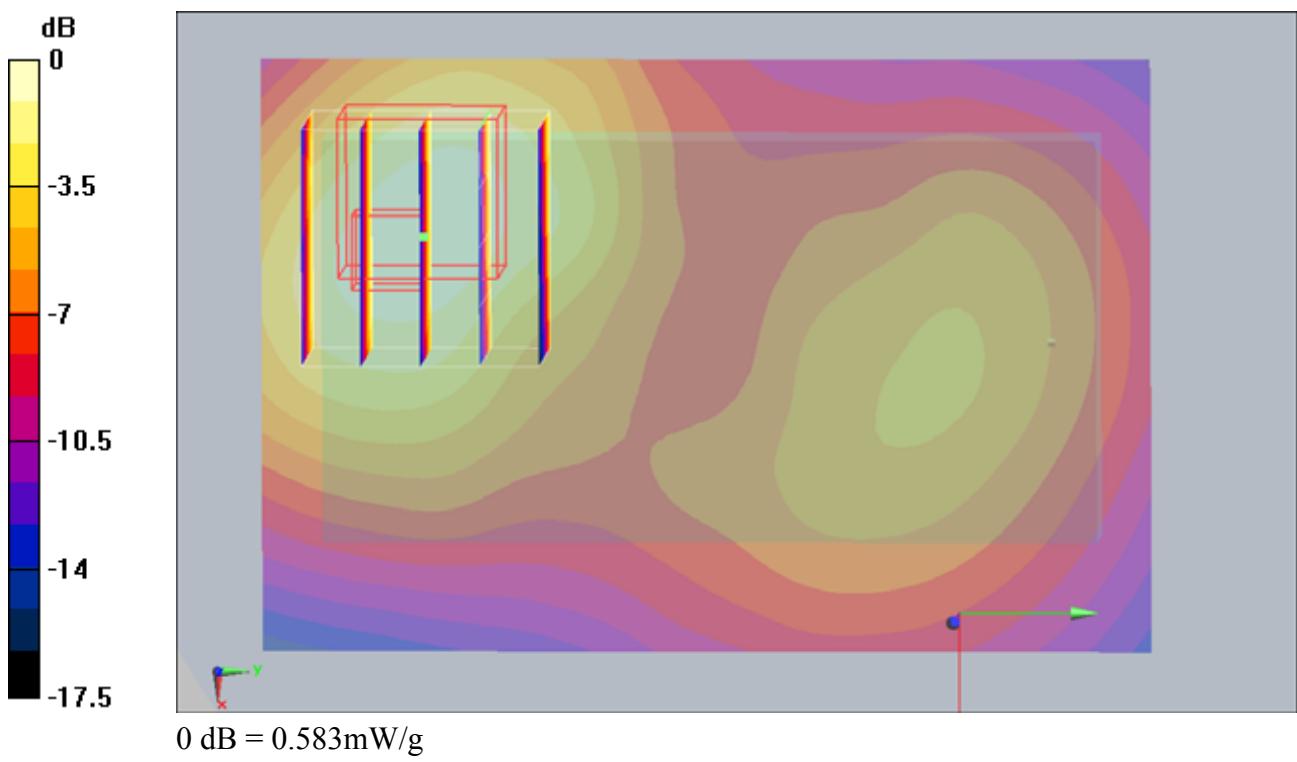
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = 0.178 dB

Peak SAR (extrapolated) = 0.913 W/kg

**SAR(1 g) = 0.495 mW/g; SAR(10 g) = 0.298 mW/g**

Maximum value of SAR (measured) = 0.583 mW/g



**#08 WCDMA II\_RMC12.2k\_Bottom\_1.5cm\_Ch9538\_2D****DUT: 051810-01**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_100530 Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.55 \text{ mho/m}$ ;  $\epsilon_r = 51.9$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(8.01, 8.01, 8.01); Calibrated: 2010/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch9538/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.590 mW/g

**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = 0.178 dB

Peak SAR (extrapolated) = 0.913 W/kg

**SAR(1 g) = 0.495 mW/g; SAR(10 g) = 0.298 mW/g**

Maximum value of SAR (measured) = 0.583 mW/g

