

# #58 CDMA2000BC0\_RC3+SO55\_Right Cheek\_Ch384\_Sample1

**DUT: 221711**

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium: HSL\_850\_120214 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.908$  mho/m;  $\epsilon_r = 42.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(8.82, 8.82, 8.82); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch384/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.365 mW/g

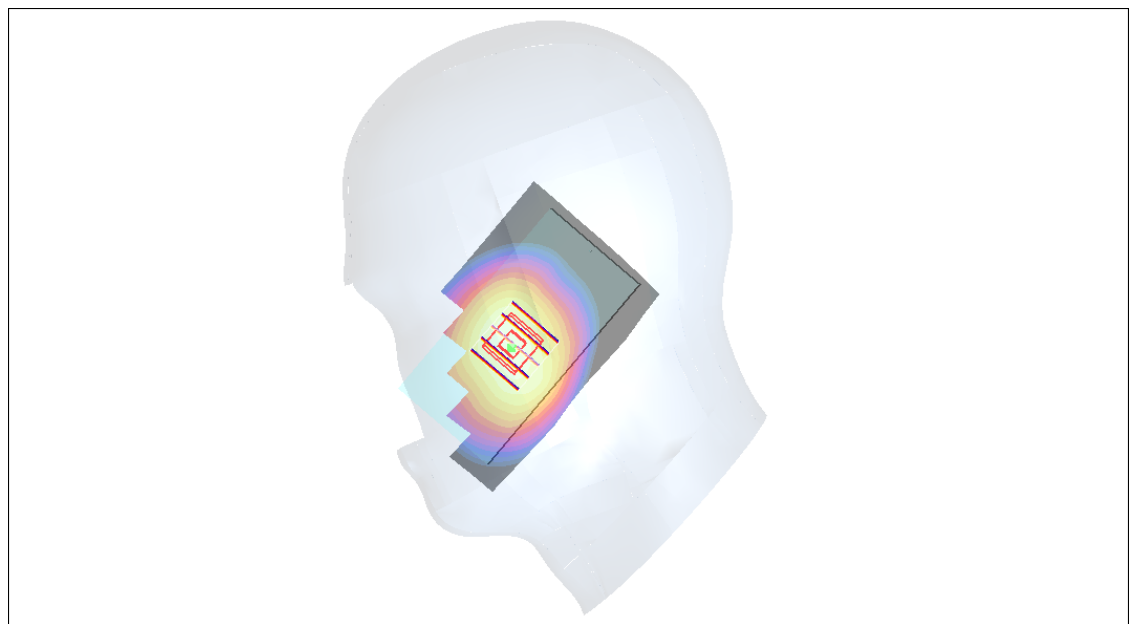
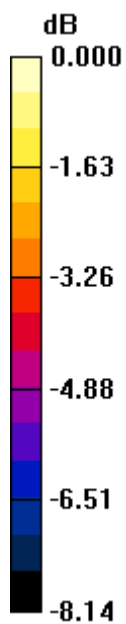
**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.07 V/m; Power Drift = 0.189 dB

Peak SAR (extrapolated) = 0.416 W/kg

**SAR(1 g) = 0.351 mW/g; SAR(10 g) = 0.270 mW/g**

Maximum value of SAR (measured) = 0.369 mW/g



0 dB = 0.369mW/g

# #59 CDMA2000BC0\_RC3+SO55\_Right Tilted\_Ch384\_Sample1

**DUT: 221711**

Communication System: CDMA ; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_120214 Medium parameters used:  $f = 837 \text{ MHz}$ ;  $\sigma = 0.908 \text{ mho/m}$ ;  $\epsilon_r = 42.9$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(8.82, 8.82, 8.82); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch384/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.260 mW/g

**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.7 V/m; Power Drift = 0.134 dB

Peak SAR (extrapolated) = 0.298 W/kg

**SAR(1 g) = 0.247 mW/g; SAR(10 g) = 0.191 mW/g**

Maximum value of SAR (measured) = 0.261 mW/g

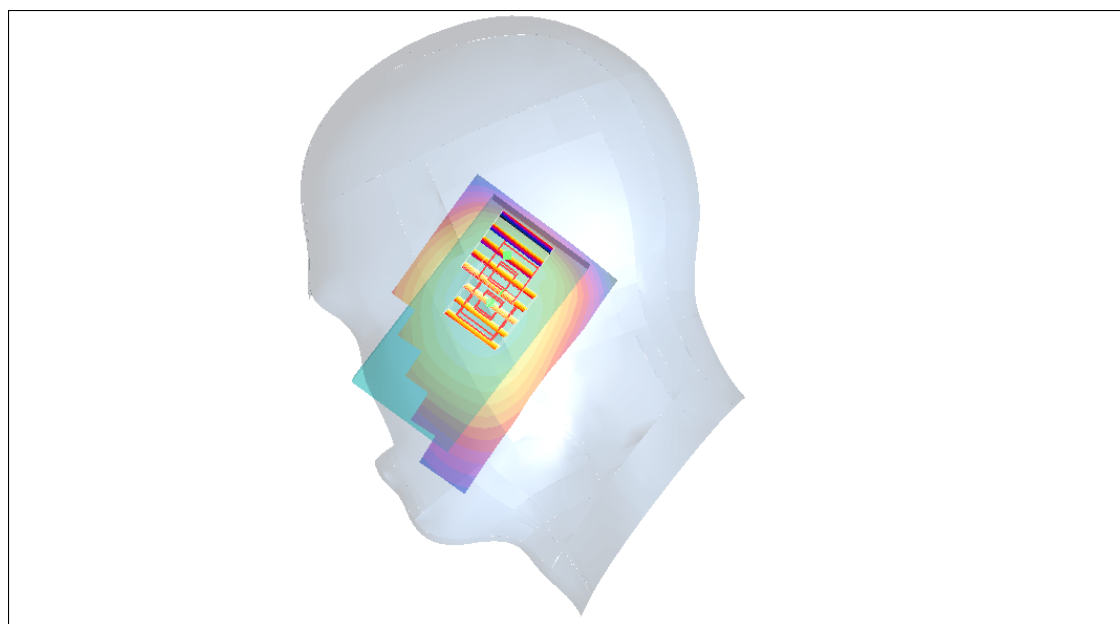
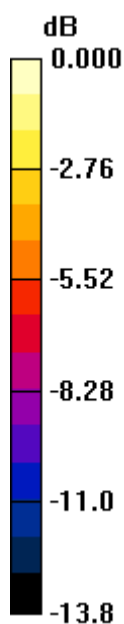
**Ch384/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.7 V/m; Power Drift = 0.134 dB

Peak SAR (extrapolated) = 0.274 W/kg

**SAR(1 g) = 0.208 mW/g; SAR(10 g) = 0.145 mW/g**

Maximum value of SAR (measured) = 0.240 mW/g



0 dB = 0.240mW/g

# #60 CDMA2000BC0\_RC3+SO55\_Left Cheek\_Ch384\_Sample1

**DUT: 221711**

Communication System: CDMA ; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_120214 Medium parameters used:  $f = 837 \text{ MHz}$ ;  $\sigma = 0.908 \text{ mho/m}$ ;  $\epsilon_r = 42.9$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(8.82, 8.82, 8.82); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch384/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.486 mW/g

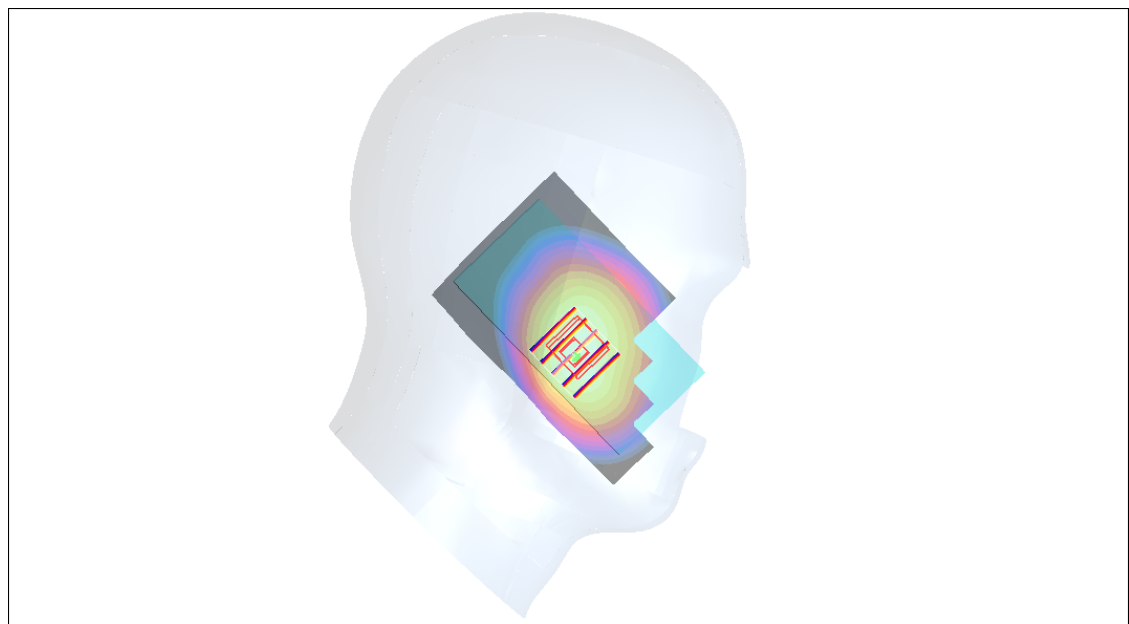
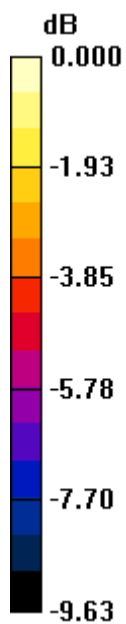
**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.07 V/m; Power Drift = -0.150 dB

Peak SAR (extrapolated) = 0.587 W/kg

**SAR(1 g) = 0.455 mW/g; SAR(10 g) = 0.336 mW/g**

Maximum value of SAR (measured) = 0.475 mW/g



0 dB = 0.475mW/g

**#60 CDMA2000BC0\_RC3+SO55\_Left Cheek\_Ch384\_Sample1\_2D**

**DUT: 221711**

Communication System: CDMA ; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_120214 Medium parameters used:  $f = 837 \text{ MHz}$ ;  $\sigma = 0.908 \text{ mho/m}$ ;  $\epsilon_r = 42.9$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(8.82, 8.82, 8.82); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch384/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.486 mW/g

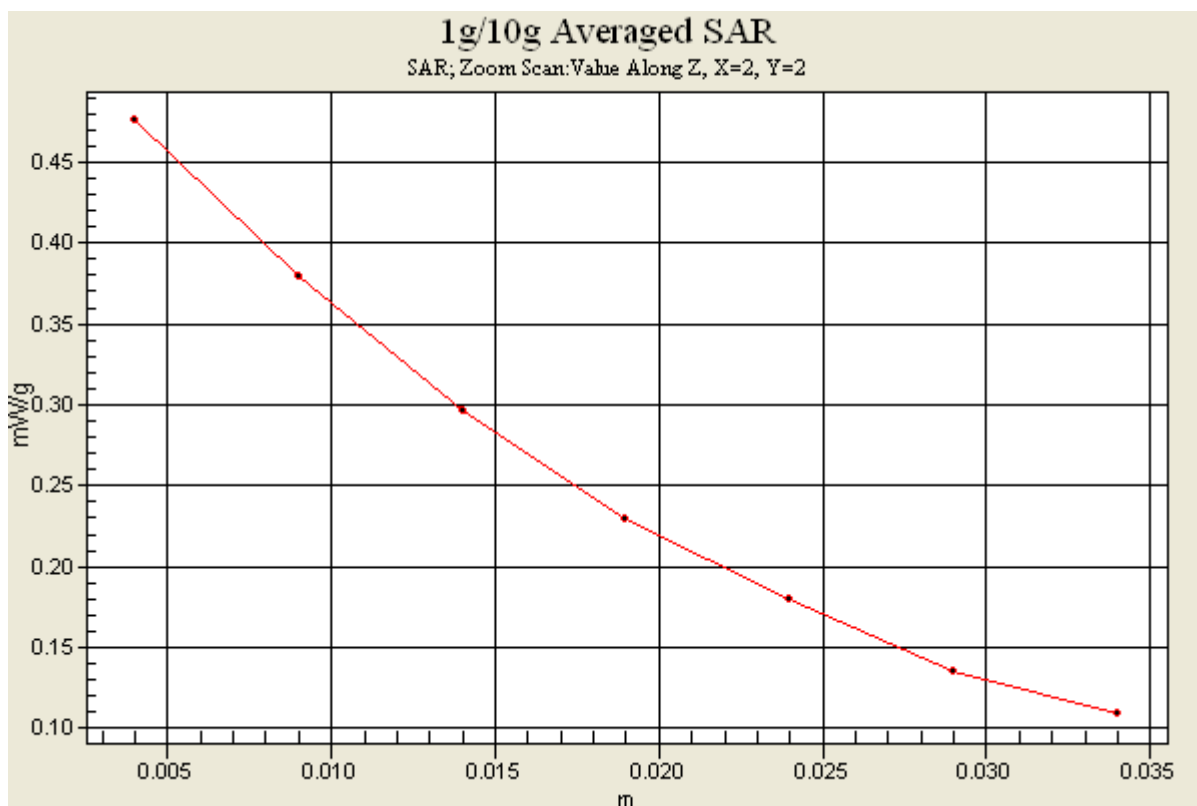
**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.07 V/m; Power Drift = -0.150 dB

Peak SAR (extrapolated) = 0.587 W/kg

**SAR(1 g) = 0.455 mW/g; SAR(10 g) = 0.336 mW/g**

Maximum value of SAR (measured) = 0.475 mW/g



## #61 CDMA2000BC0\_RC3+SO55\_Left Tilted\_Ch384\_Sample1

**DUT: 221711**

Communication System: CDMA ; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_120214 Medium parameters used:  $f = 837 \text{ MHz}$ ;  $\sigma = 0.908 \text{ mho/m}$ ;  $\epsilon_r = 42.9$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(8.82, 8.82, 8.82); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch384/Area Scan (61x91x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.288 mW/g

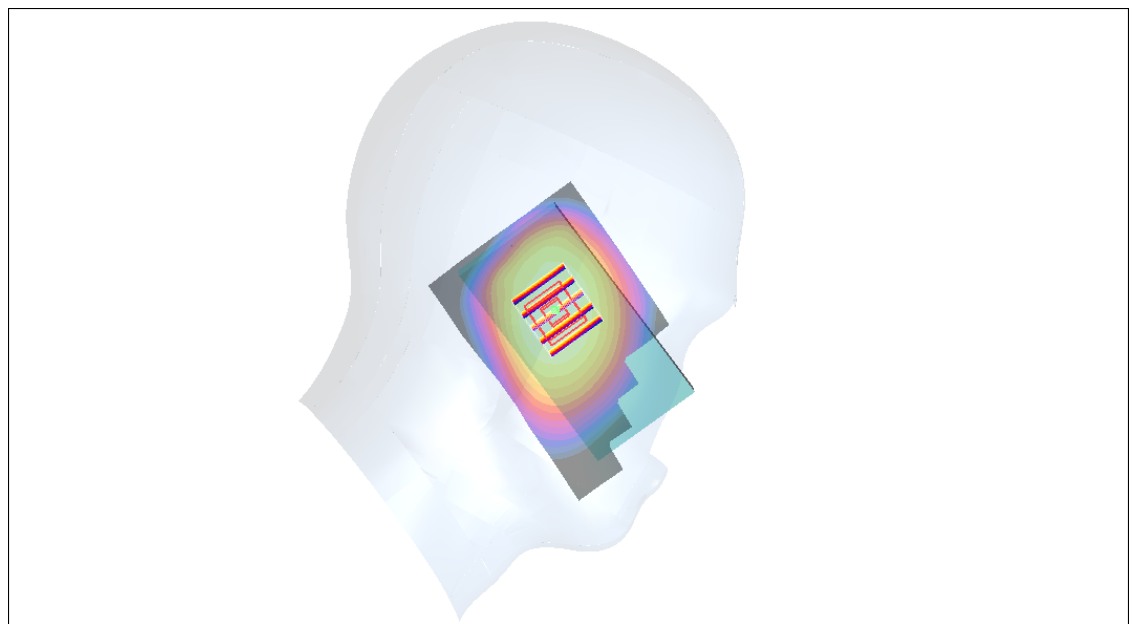
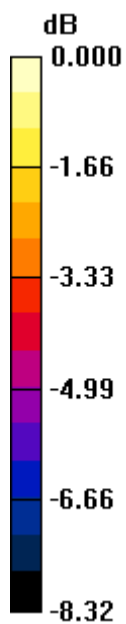
**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 12.4 V/m; Power Drift = 0.085 dB

Peak SAR (extrapolated) = 0.325 W/kg

**SAR(1 g) = 0.267 mW/g; SAR(10 g) = 0.205 mW/g**

Maximum value of SAR (measured) = 0.278 mW/g



0 dB = 0.278mW/g

## #73 CDMA2000BC0\_RC3+SO55\_Left Cheek\_Ch384\_Sample2

**DUT: 221711**

Communication System: CDMA ; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_120222 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 41.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(8.82, 8.82, 8.82); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch384/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.384 mW/g

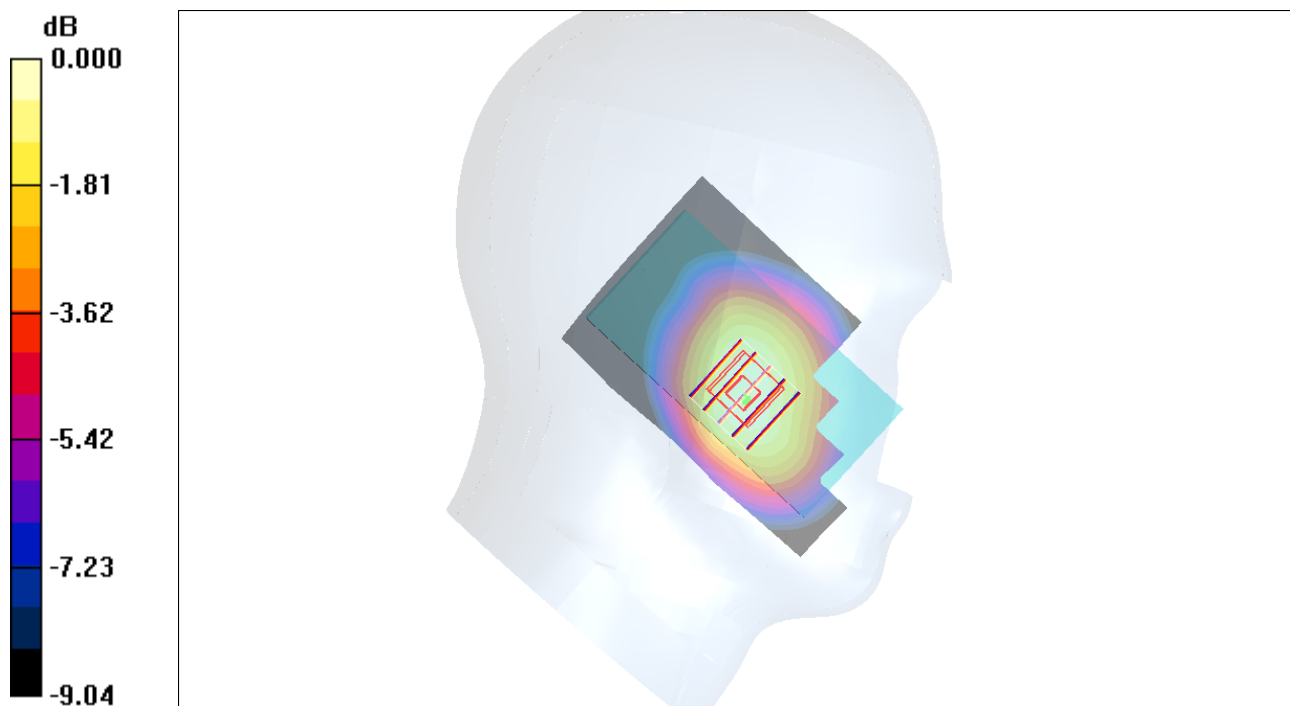
**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.35 V/m; Power Drift = 0.133 dB

Peak SAR (extrapolated) = 0.459 W/kg

**SAR(1 g) = 0.360 mW/g; SAR(10 g) = 0.269 mW/g**

Maximum value of SAR (measured) = 0.378 mW/g



0 dB = 0.378mW/g

**#50 CDMA2000BC15\_RC3+SO55\_Right Cheek\_Ch425\_Sample1****DUT: 221711**

Communication System: CDMA ; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_120214 Medium parameters used :  $f = 1731.25$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(8.03, 8.03, 8.03); Calibrated: 2012-01-04

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn679; Calibrated: 2011-06-24

- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch425/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.454 mW/g

**Ch425/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.00 V/m; Power Drift = 0.056 dB

Peak SAR (extrapolated) = 0.687 W/kg

**SAR(1 g) = 0.421 mW/g; SAR(10 g) = 0.261 mW/g**

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

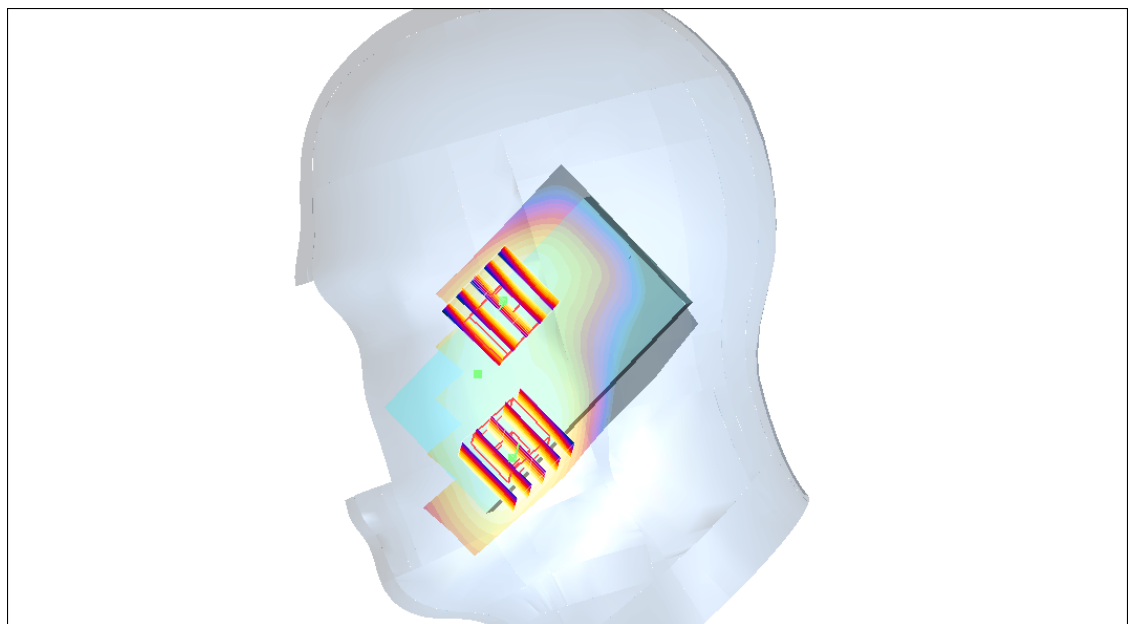
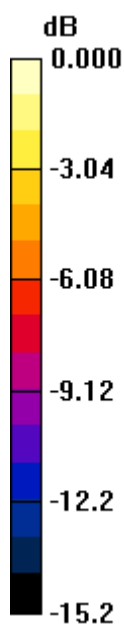
**Ch425/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.00 V/m; Power Drift = 0.056 dB

Peak SAR (extrapolated) = 0.478 W/kg

**SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.181 mW/g**

Maximum value of SAR (measured) = 0.304 mW/g



0 dB = 0.304mW/g

# #51 CDMA2000BC15\_RC3+SO55\_Right Tilted\_Ch425\_Sample1

**DUT: 221711**

Communication System: CDMA ; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_120214 Medium parameters used :  $f = 1731.25$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(8.03, 8.03, 8.03); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch425/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.273 mW/g

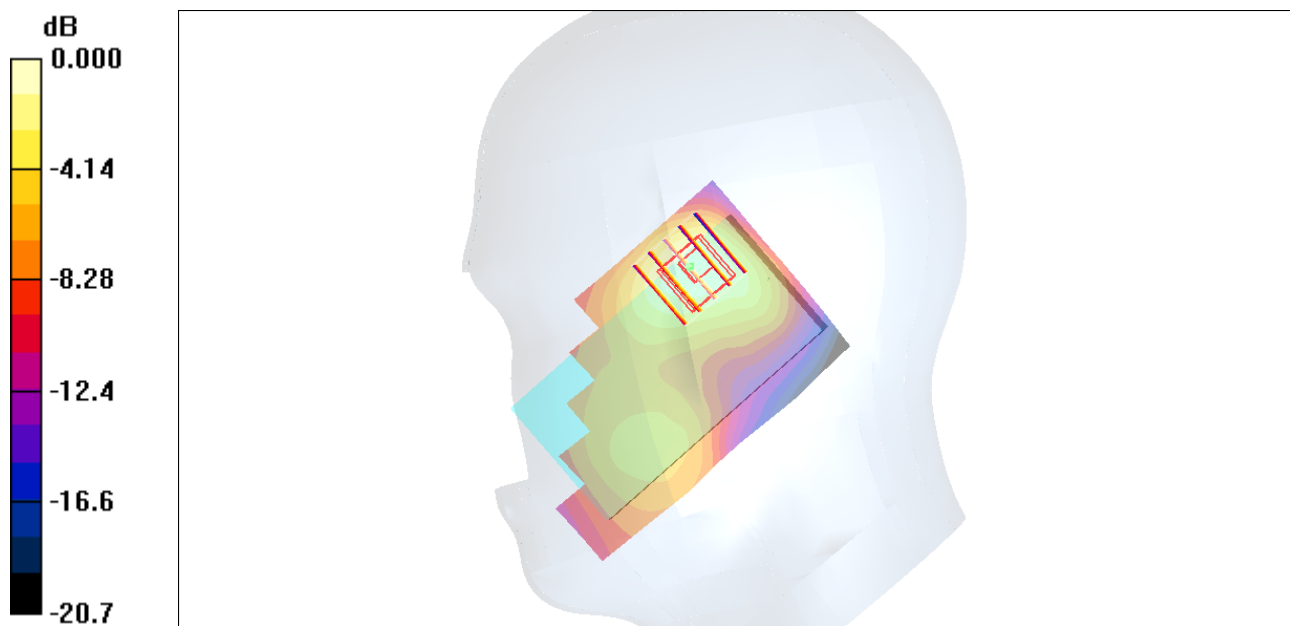
**Ch425/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.10 V/m; Power Drift = -0.137 dB

Peak SAR (extrapolated) = 0.364 W/kg

**SAR(1 g) = 0.235 mW/g; SAR(10 g) = 0.144 mW/g**

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



0 dB = 0.262mW/g



## #52 CDMA2000BC15\_RC3+SO55\_Left Cheek\_Ch425\_Sample1

**DUT: 221711**

Communication System: CDMA ; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_120214 Medium parameters used :  $f = 1731.25$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(8.03, 8.03, 8.03); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch425/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.477 mW/g

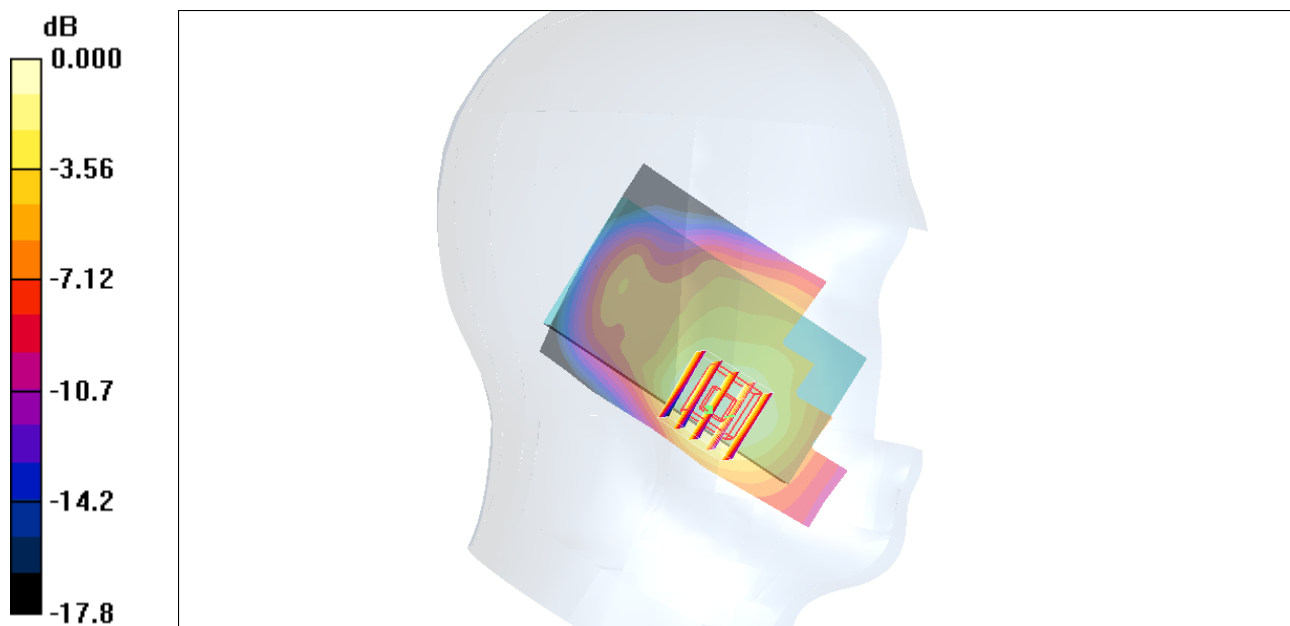
**Ch425/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.31 V/m; Power Drift = 0.005 dB

Peak SAR (extrapolated) = 0.632 W/kg

**SAR(1 g) = 0.427 mW/g; SAR(10 g) = 0.280 mW/g**

Maximum value of SAR (measured) = 0.453 mW/g



0 dB = 0.453mW/g

## #52 CDMA2000BC15\_RC3+SO55\_Left Cheek\_Ch425\_Sample1\_2D

**DUT: 221711**

Communication System: CDMA ; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_120214 Medium parameters used :  $f = 1731.25$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(8.03, 8.03, 8.03); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch425/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.477 mW/g

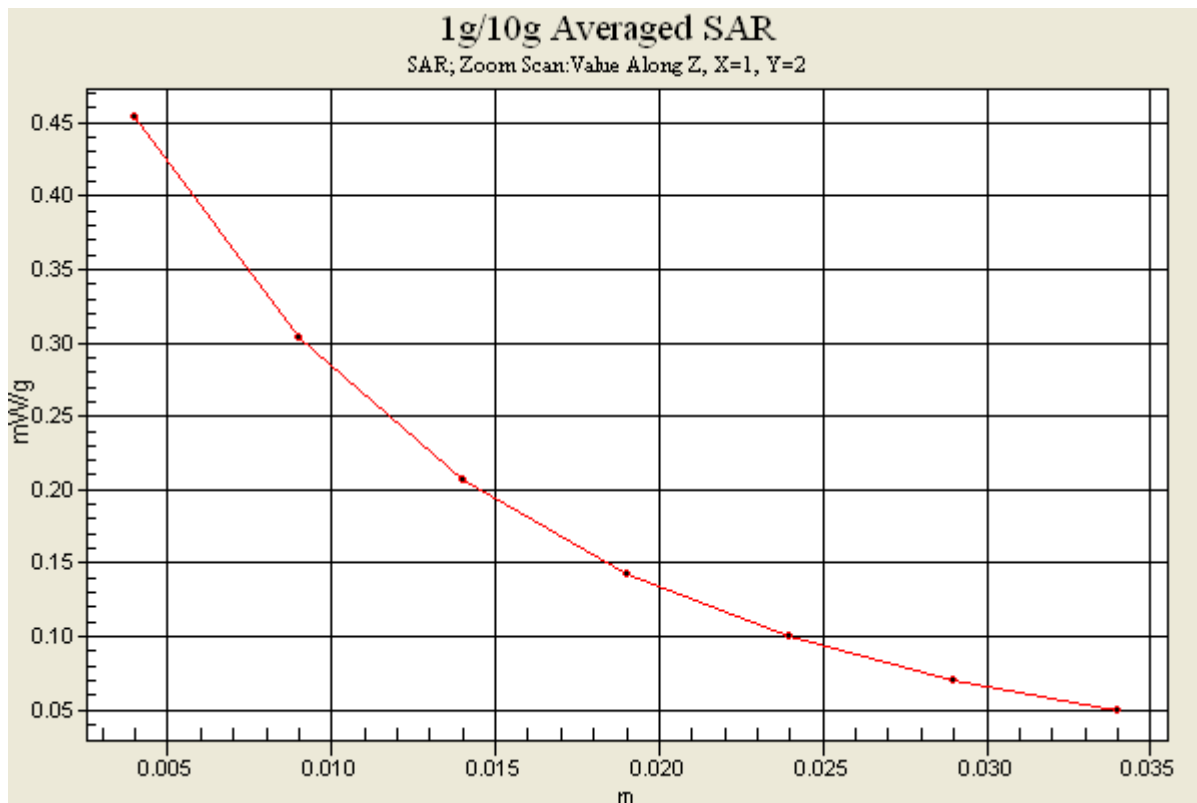
**Ch425/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.31 V/m; Power Drift = 0.005 dB

Peak SAR (extrapolated) = 0.632 W/kg

**SAR(1 g) = 0.427 mW/g; SAR(10 g) = 0.280 mW/g**

Maximum value of SAR (measured) = 0.453 mW/g



### #53 CDMA2000BC15\_RC3+SO55\_Left Tilted\_Ch425\_Sample1

**DUT: 221711**

Communication System: CDMA ; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_120214 Medium parameters used :  $f = 1731.25$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(8.03, 8.03, 8.03); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch425/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.185 mW/g

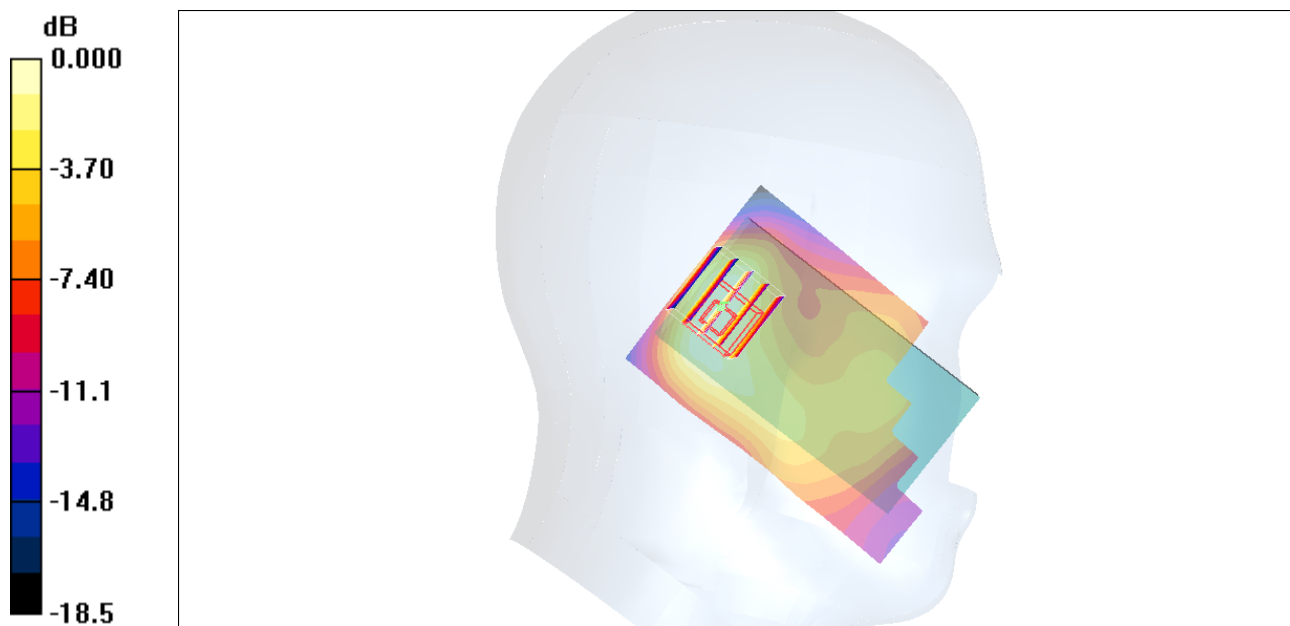
**Ch425/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.07 V/m; Power Drift = 0.176 dB

Peak SAR (extrapolated) = 0.265 W/kg

**SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.096 mW/g**

Maximum value of SAR (measured) = 0.174 mW/g



0 dB = 0.174mW/g

## #76 CDMA2000BC15\_RC3+SO55\_Left Cheek\_Ch425\_Sample2

**DUT: 221711**

Communication System: CDMA ; Frequency: 1731.25 MHz;Duty Cycle: 1:1

Medium: HSL\_1750\_120222 Medium parameters used :  $f = 1731.25$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 38.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(8.03, 8.03, 8.03); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch425/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.309 mW/g

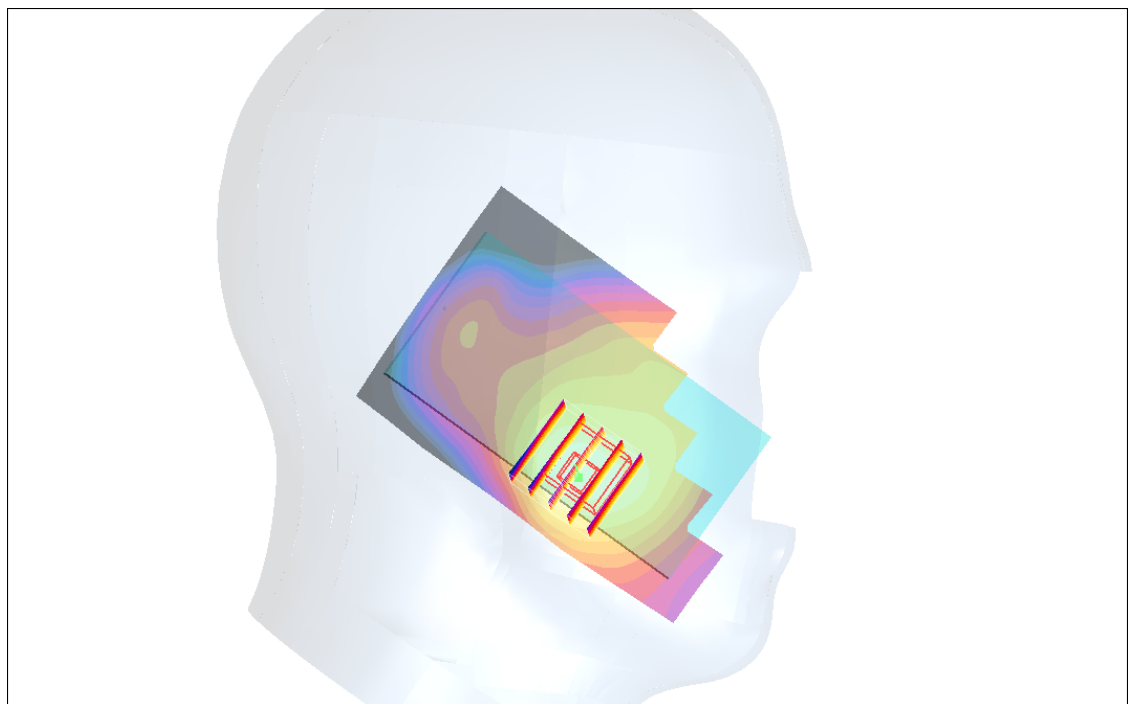
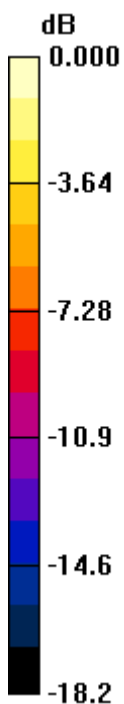
**Ch425/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.16 V/m; Power Drift = 0.169 dB

Peak SAR (extrapolated) = 0.484 W/kg

**SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.185 mW/g**

Maximum value of SAR (measured) = 0.332 mW/g



0 dB = 0.332mW/g

## #54 CDMA2000BC1\_RC3+SO55\_Right Cheek\_Ch1175\_Sample1

**DUT: 221711**

Communication System: CDMA ; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_120214 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.458$  mho/m;  $\epsilon_r = 38.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1175/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.205 mW/g

**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.60 V/m; Power Drift = -0.043 dB

Peak SAR (extrapolated) = 0.319 W/kg

**SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.117 mW/g**

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

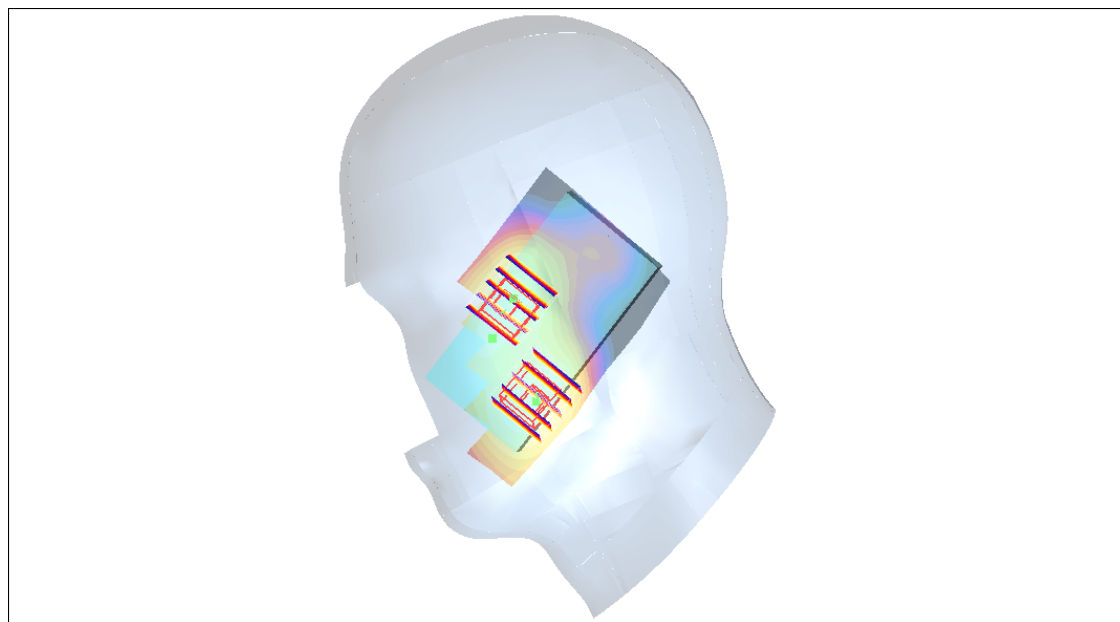
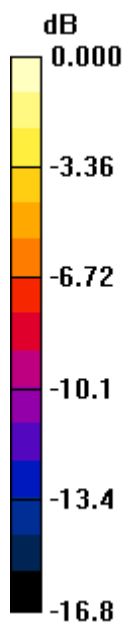
**Ch1175/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.60 V/m; Power Drift = -0.043 dB

Peak SAR (extrapolated) = 0.320 W/kg

**SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.115 mW/g**

Maximum value of SAR (measured) = 0.202 mW/g



0 dB = 0.202mW/g

# #55 CDMA2000BC1\_RC3+SO55\_Right Tilted\_Ch1175\_Sample1

**DUT: 221711**

Communication System: CDMA ; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_120214 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.458$  mho/m;  $\epsilon_r = 38.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1175/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.128 mW/g

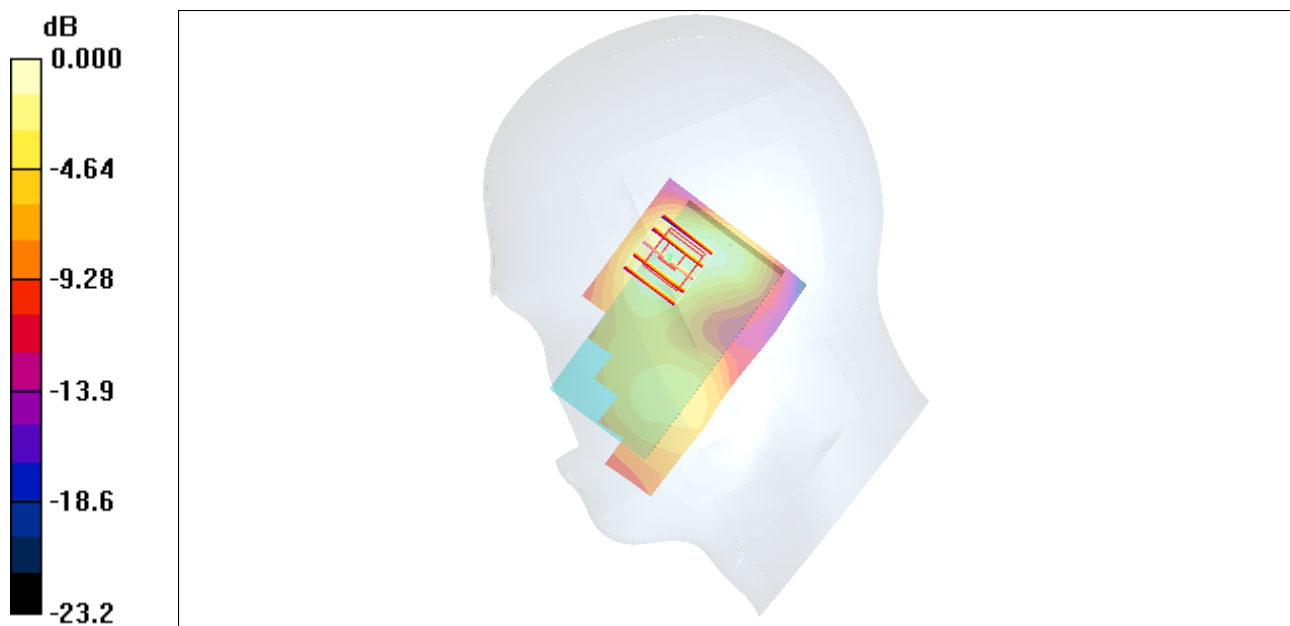
**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.65 V/m; Power Drift = -0.099 dB

Peak SAR (extrapolated) = 0.201 W/kg

**SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.069 mW/g**

Maximum value of SAR (measured) = 0.126 mW/g



0 dB = 0.126mW/g

## #56 CDMA2000BC1\_RC3+SO55\_Left Cheek\_Ch1175\_Sample1

**DUT: 221711**

Communication System: CDMA ; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_120214 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.458$  mho/m;  $\epsilon_r = 38.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1175/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.336 mW/g

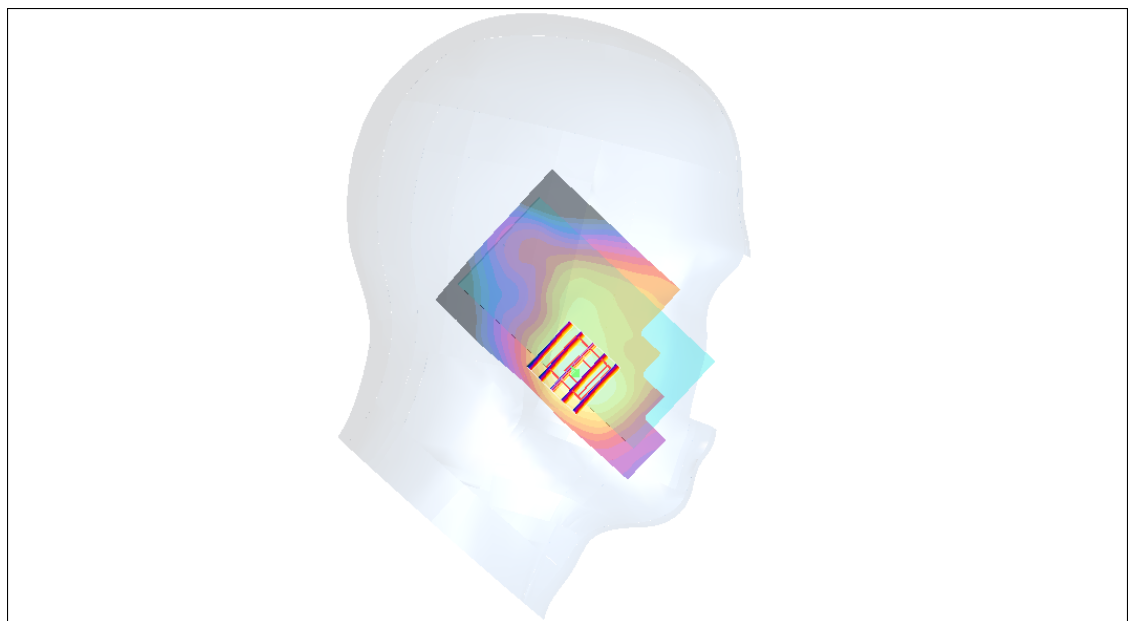
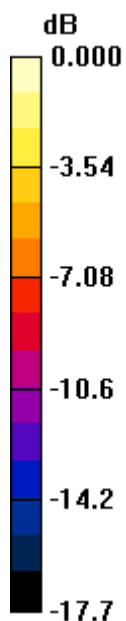
**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.06 V/m; Power Drift = -0.084 dB

Peak SAR (extrapolated) = 0.562 W/kg

**SAR(1 g) = 0.309 mW/g; SAR(10 g) = 0.178 mW/g**

Maximum value of SAR (measured) = 0.335 mW/g



0 dB = 0.335mW/g

### #56 CDMA2000BC1\_RC3+SO55\_Left Cheek\_Ch1175\_Sample1\_2D

**DUT: 221711**

Communication System: CDMA ; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_120214 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.458$  mho/m;  $\epsilon_r = 38.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1175/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.336 mW/g

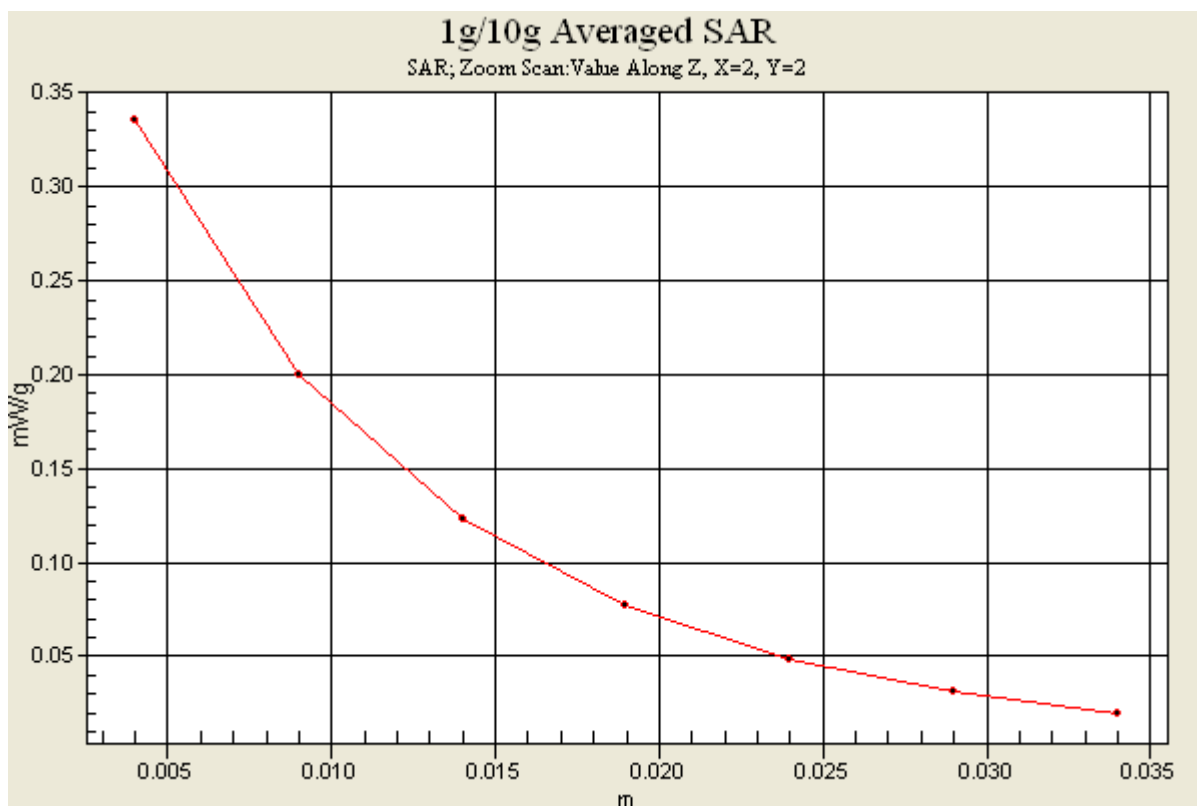
**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.06 V/m; Power Drift = -0.084 dB

Peak SAR (extrapolated) = 0.562 W/kg

**SAR(1 g) = 0.309 mW/g; SAR(10 g) = 0.178 mW/g**

Maximum value of SAR (measured) = 0.335 mW/g





### #57 CDMA2000BC1\_RC3+SO55\_Left Tilted\_Ch1175\_Sample1

**DUT: 221711**

Communication System: CDMA ; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_120214 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.458$  mho/m;  $\epsilon_r = 38.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1175/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.100 mW/g

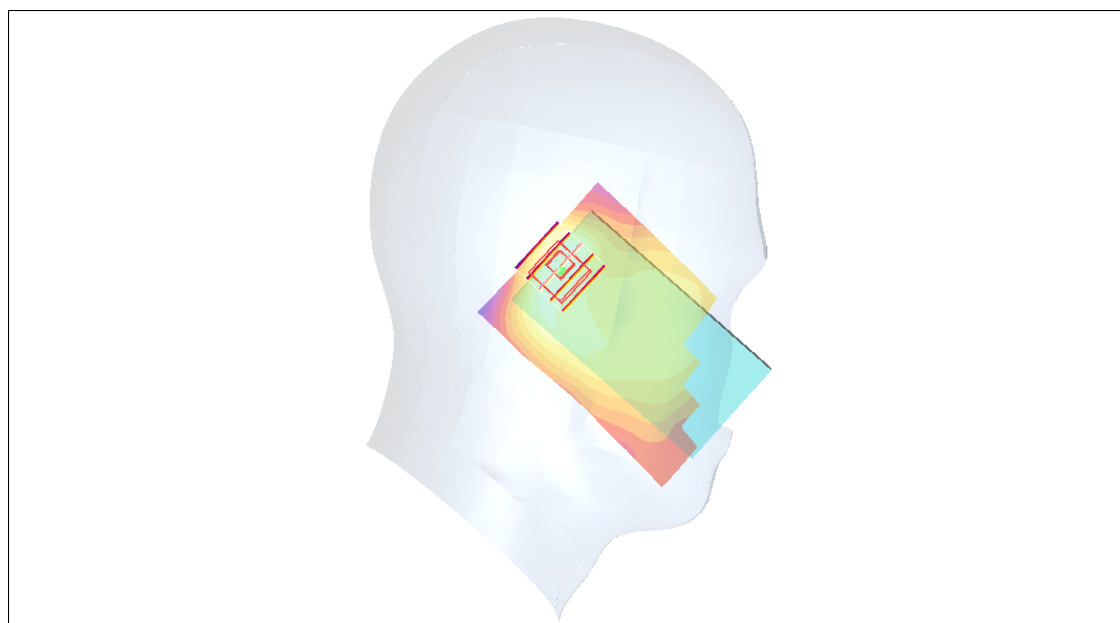
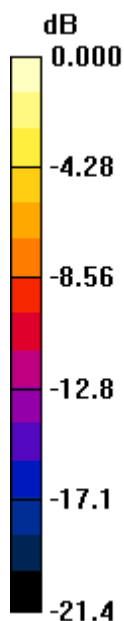
**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.68 V/m; Power Drift = 0.061 dB

Peak SAR (extrapolated) = 0.143 W/kg

**SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.049 mW/g**

Maximum value of SAR (measured) = 0.092 mW/g



0 dB = 0.092mW/g

## #77 CDMA2000BC1\_RC3+SO55\_Left Cheek\_Ch1175\_Sample2

**DUT: 221711**

Communication System: CDMA ; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_120222 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.459$  mho/m;  $\epsilon_r = 38.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1175/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.169 mW/g

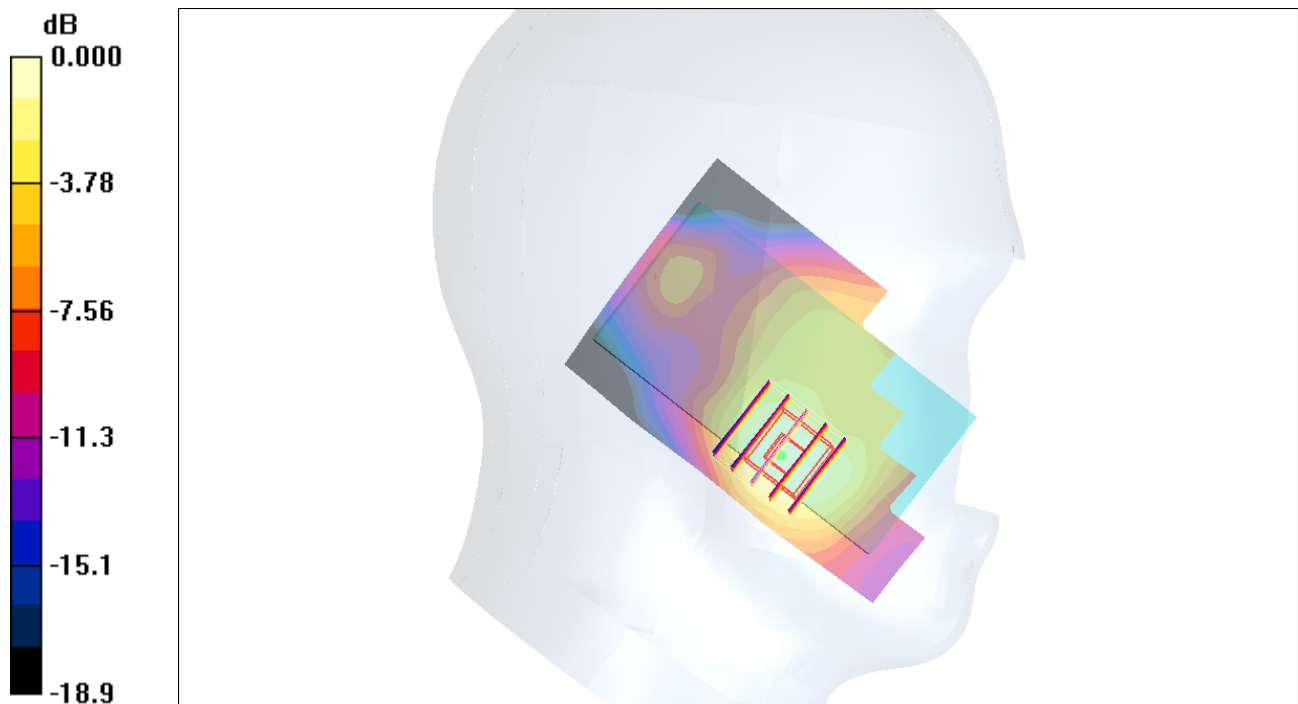
**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.71 V/m; Power Drift = 0.156 dB

Peak SAR (extrapolated) = 0.267 W/kg

**SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.090 mW/g**

Maximum value of SAR (measured) = 0.168 mW/g



0 dB = 0.168mW/g

## #69 802.11b\_Right Cheek\_Ch11\_Sample1

**DUT: 221711**

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL\_2450\_120214 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.88$  mho/m;  $\epsilon_r = 39.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(6.84, 6.84, 6.84); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch11/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.026 mW/g

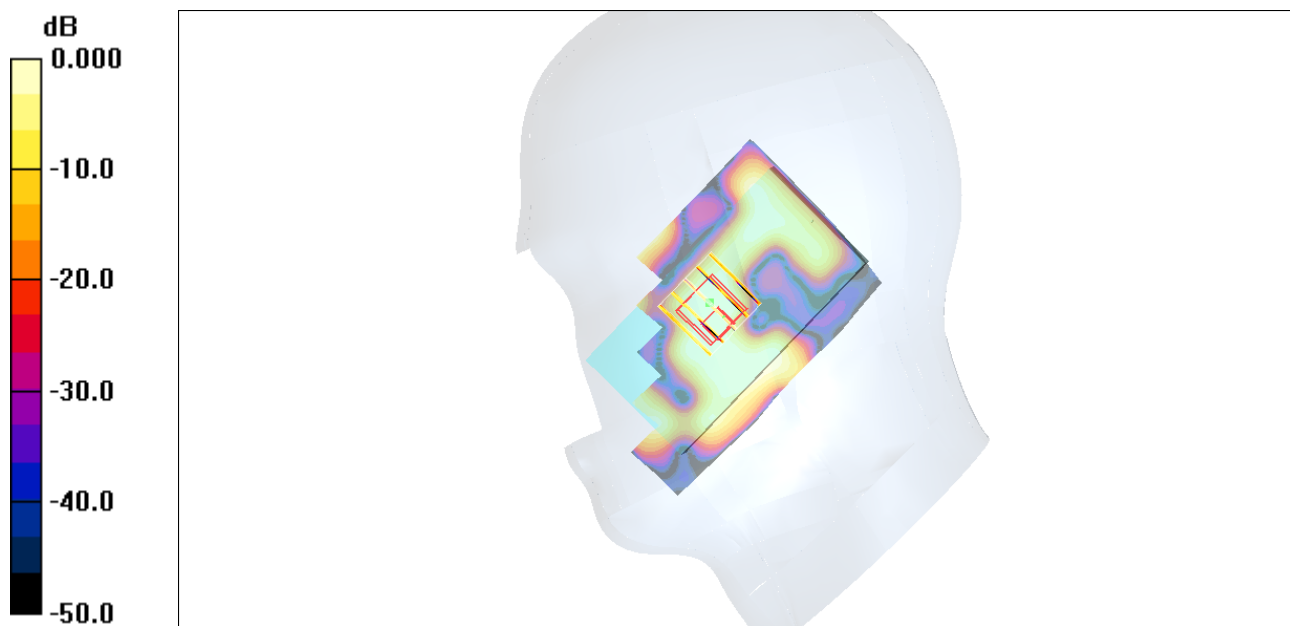
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.464 V/m; Power Drift = 0.177 dB

Peak SAR (extrapolated) = 0.019 W/kg

**SAR(1 g) = 0.00754 mW/g; SAR(10 g) = 0.00345 mW/g**

Maximum value of SAR (measured) = 0.009 mW/g



0 dB = 0.009mW/g

## #70 802.11b\_Right Tilted\_Ch11\_Sample1

**DUT: 221711**

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: HSL\_2450\_120214 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.88$  mho/m;  $\epsilon_r = 39.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(6.84, 6.84, 6.84); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch11/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.004 mW/g

**Ch11/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.37 V/m; Power Drift = 0.102 dB

Peak SAR (extrapolated) = 0.013 W/kg

**SAR(1 g) = 0.0036 mW/g; SAR(10 g) = 0.00132 mW/g**

Maximum value of SAR (measured) = 0.005 mW/g

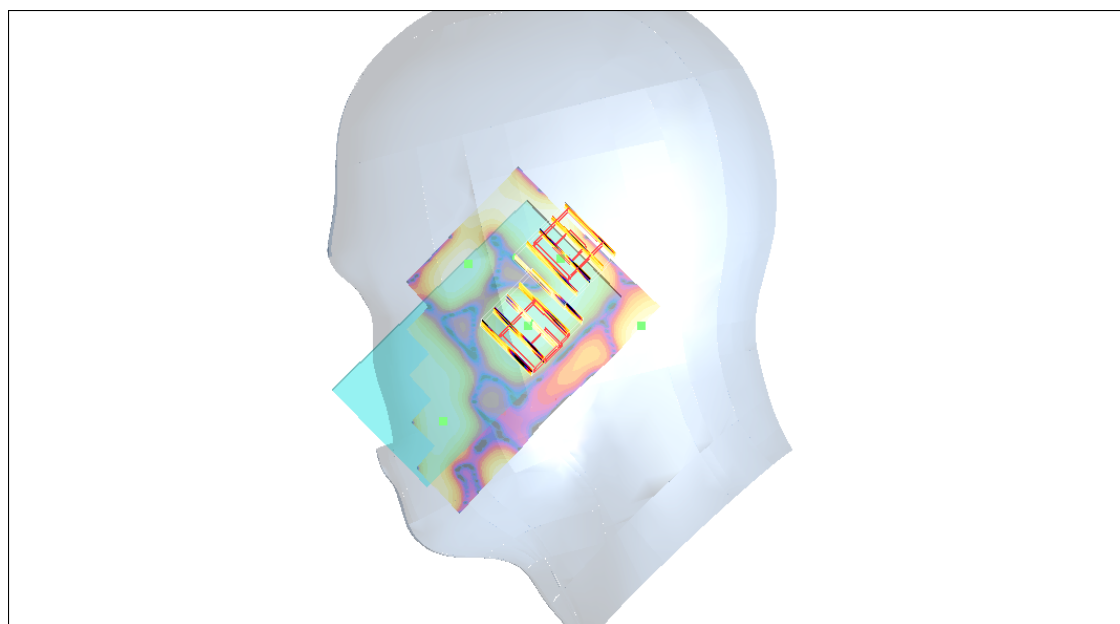
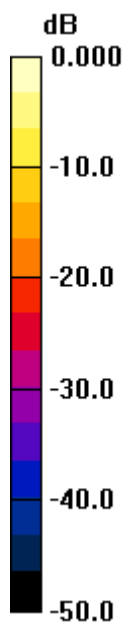
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.37 V/m; Power Drift = 0.102 dB

Peak SAR (extrapolated) = 0.013 W/kg

**SAR(1 g) = 0.00218 mW/g; SAR(10 g) = 0.000701 mW/g**

Maximum value of SAR (measured) = 0.004 mW/g



0 dB = 0.004mW/g

## #71 802.11b\_Left Cheek\_Ch11\_Sample1

**DUT: 221711**

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: HSL\_2450\_120214 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.88$  mho/m;  $\epsilon_r = 39.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(6.84, 6.84, 6.84); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch11/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.025 mW/g

**Ch11/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.33 V/m; Power Drift = 0.144 dB

Peak SAR (extrapolated) = 0.038 W/kg

**SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.00946 mW/g**

Maximum value of SAR (measured) = 0.020 mW/g

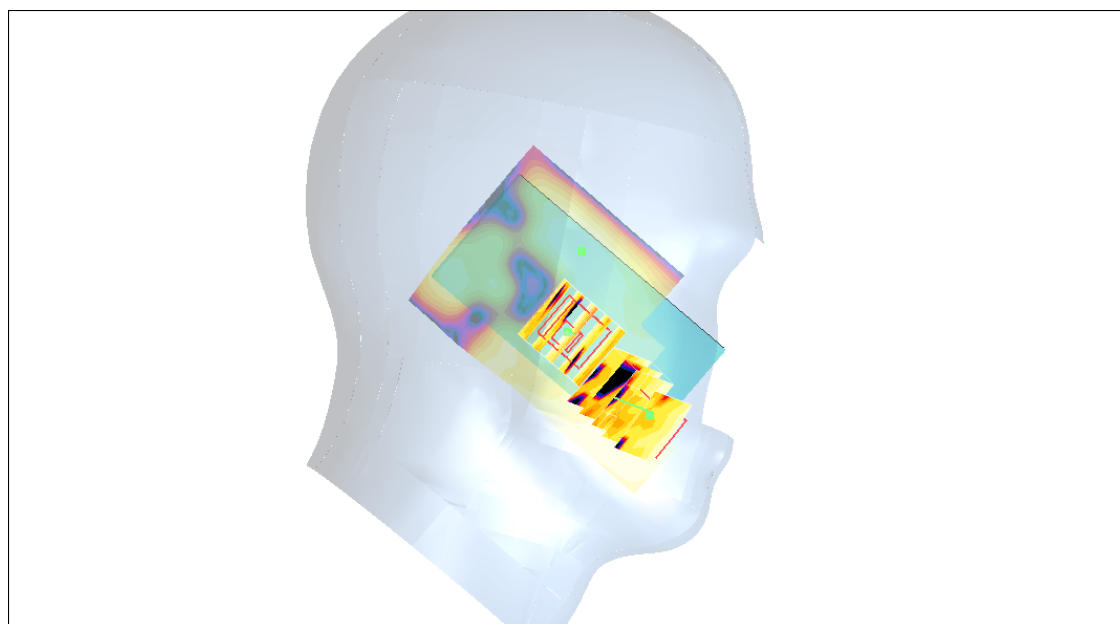
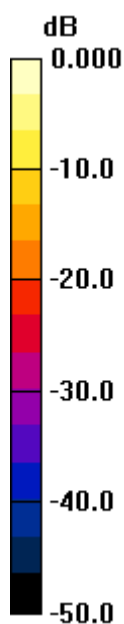
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.33 V/m; Power Drift = 0.144 dB

Peak SAR (extrapolated) = 0.026 W/kg

**SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00711 mW/g**

Maximum value of SAR (measured) = 0.014 mW/g



0 dB = 0.014mW/g

## #72 802.11b\_Left Tilted\_Ch11\_Sample1

**DUT: 221711**

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL\_2450\_120214 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.88$  mho/m;  $\epsilon_r = 39.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(6.84, 6.84, 6.84); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch11/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.011 mW/g

**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.60 V/m; Power Drift = 0.126 dB

Peak SAR (extrapolated) = 0.016 W/kg

**SAR(1 g) = 0.00572 mW/g; SAR(10 g) = 0.00214 mW/g**

Maximum value of SAR (measured) = 0.006 mW/g

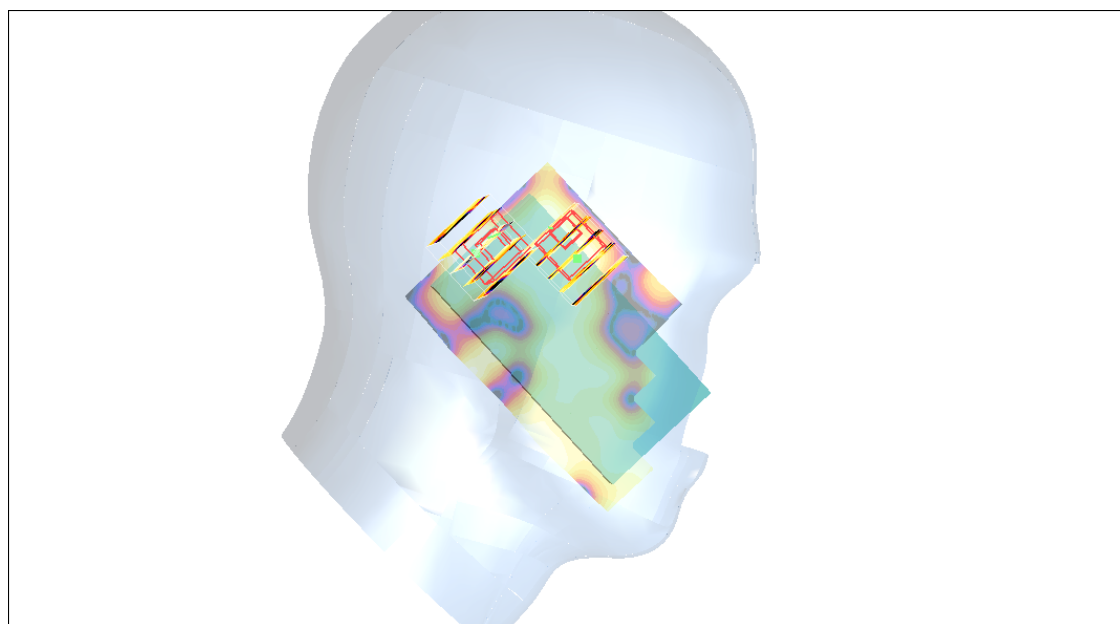
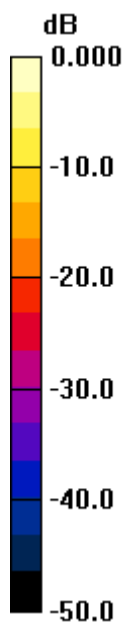
**Ch11/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.60 V/m; Power Drift = 0.126 dB

Peak SAR (extrapolated) = 0.023 W/kg

**SAR(1 g) = 0.00414 mW/g; SAR(10 g) = 0.000838 mW/g**

Maximum value of SAR (measured) = 0.005 mW/g



0 dB = 0.005mW/g

## #90 802.11b\_Left Cheek\_Ch11\_Sample2

**DUT: 221711**

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL\_2450\_120222 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.86$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(6.84, 6.84, 6.84); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch11/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.053 mW/g

**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.98 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.081 W/kg

**SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.020 mW/g**

Maximum value of SAR (measured) = 0.048 mW/g

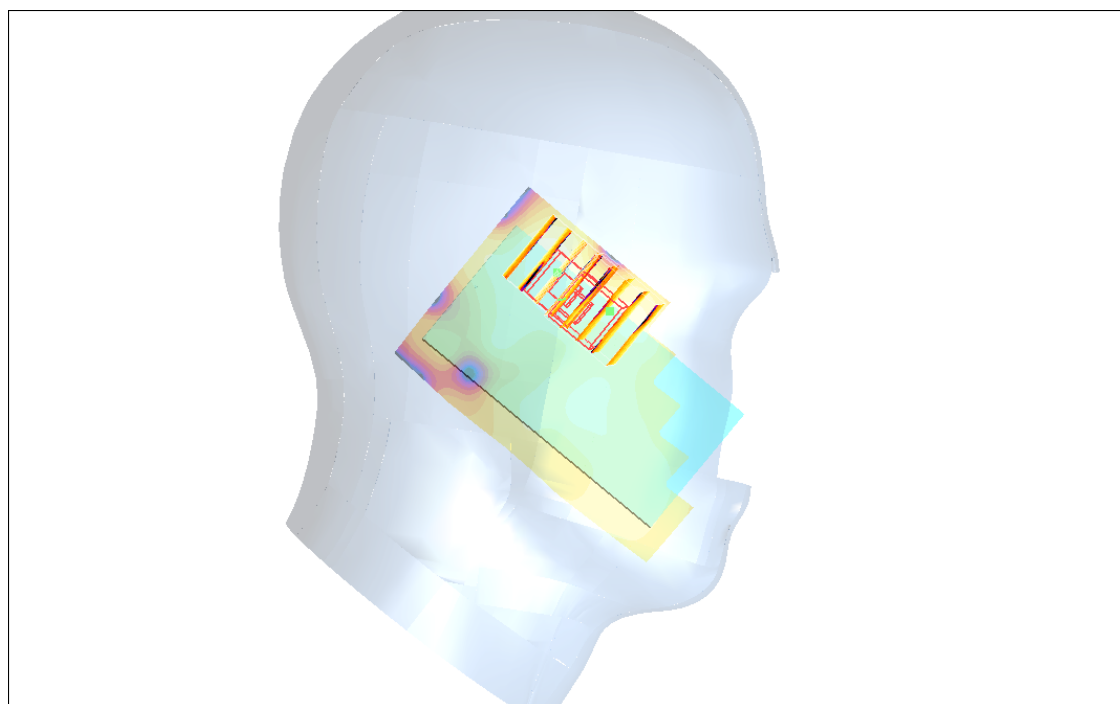
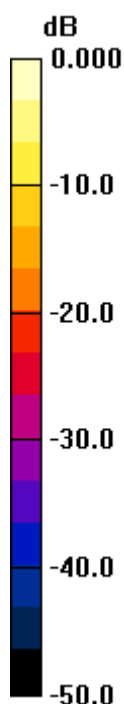
**Ch11/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.98 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.085 W/kg

**SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.016 mW/g**

Maximum value of SAR (measured) = 0.046 mW/g



0 dB = 0.048mW/g

### #90 802.11b\_Left Cheek\_Ch11\_Sample2\_2D

**DUT: 221711**

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL\_2450\_120222 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.86 \text{ mho/m}$ ;  $\epsilon_r = 39.2$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(6.84, 6.84, 6.84); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch11/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.053 mW/g

**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.98 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.081 W/kg

**SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.020 mW/g**

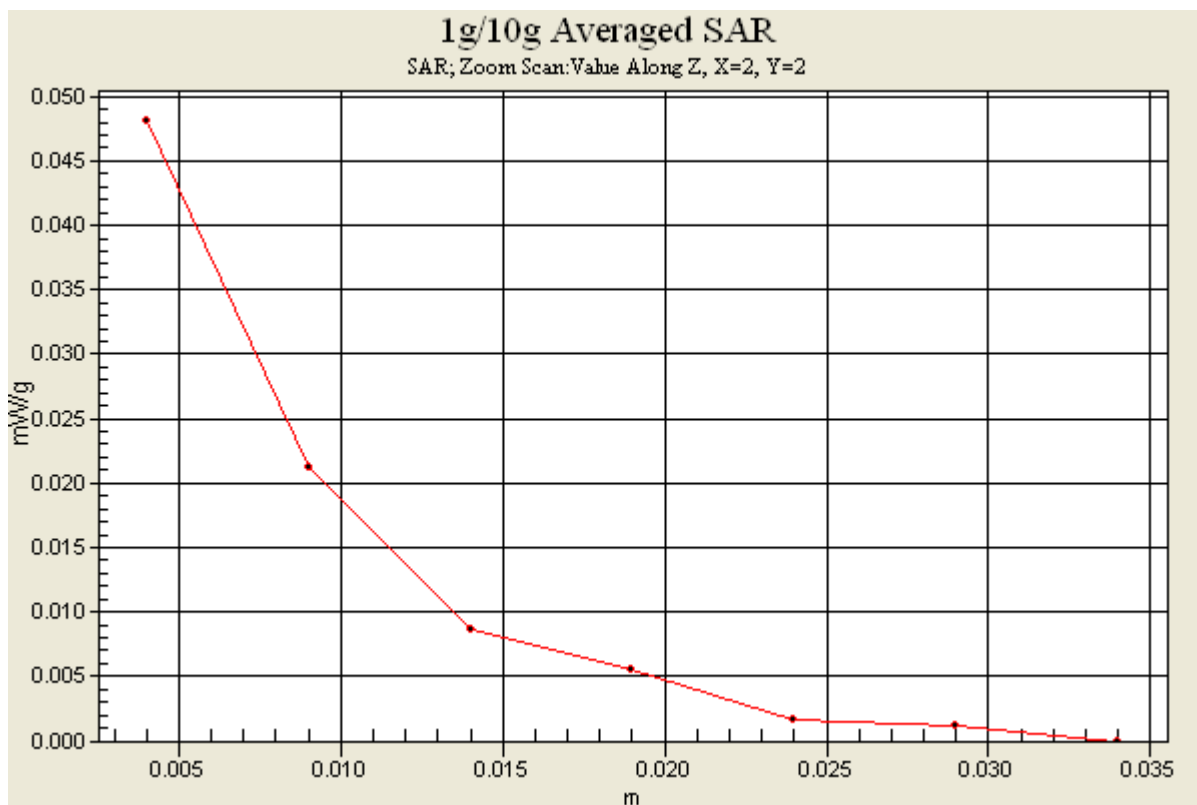
Maximum value of SAR (measured) = 0.048 mW/g

**Ch11/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.98 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.085 W/kg

**SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.016 mW/g**





### #19 CDMA2000 BC0\_RTAP153.6\_Front\_1cm\_Ch384\_Sample1

**DUT: 221711**

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium: MSL\_850\_120210 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.998$  mho/m;  $\epsilon_r = 54.793$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.22, 6.22, 6.22); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch384/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.482 mW/g

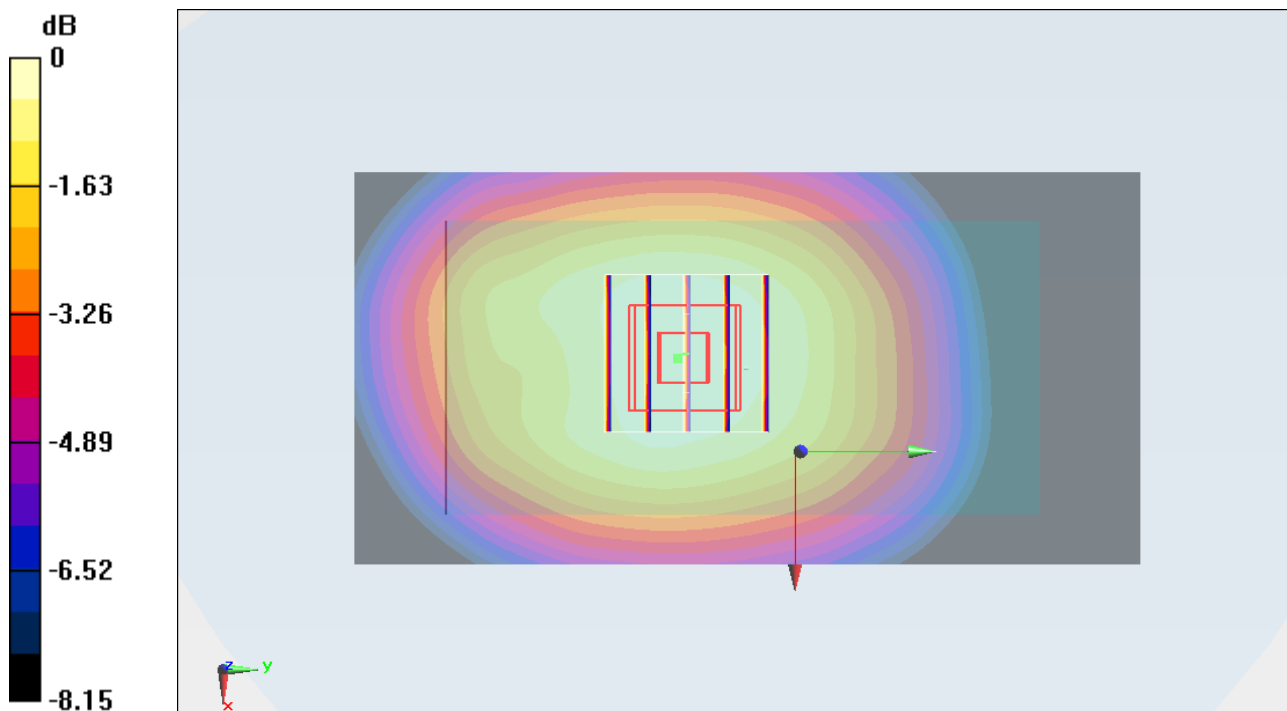
**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.701 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.5730

**SAR(1 g) = 0.464 mW/g; SAR(10 g) = 0.351 mW/g**

Maximum value of SAR (measured) = 0.487 mW/g



0 dB = 0.490mW/g = -6.20 dB mW/g

### #20 CDMA2000 BC0\_RTAP153.6\_Back\_1cm\_Ch384\_Sample1

**DUT: 221711**

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium: MSL\_850\_120210 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.998$  mho/m;  $\epsilon_r = 54.793$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.22, 6.22, 6.22); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch384/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of Total (interpolated) = 6.136 mW/g m

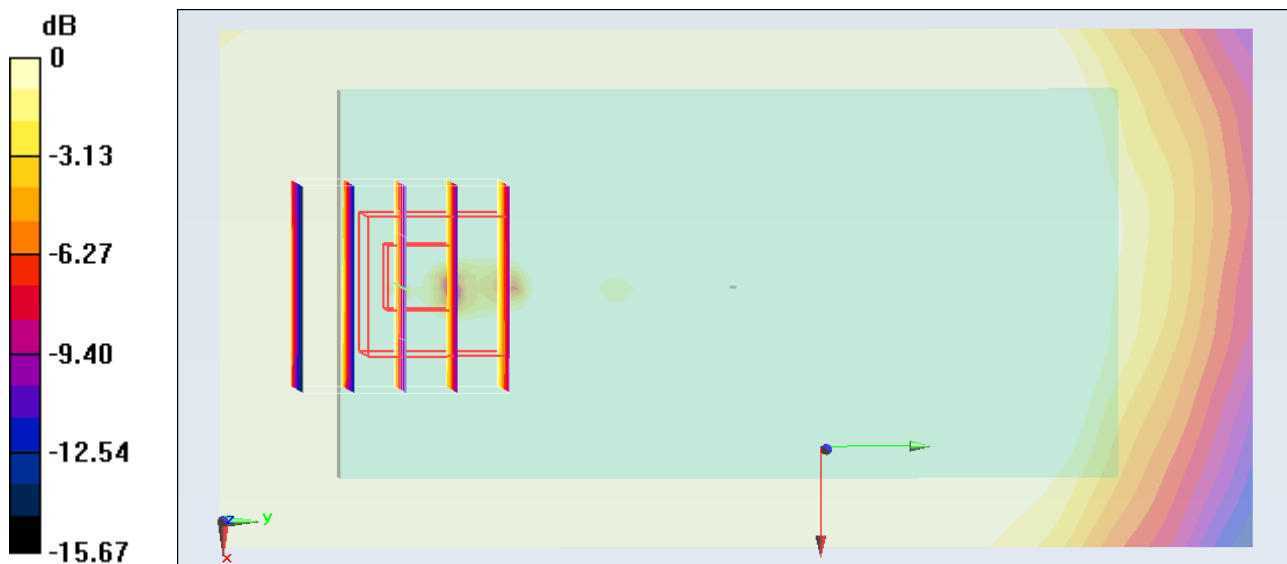
**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.833 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.5310

**SAR(1 g) = 0.827 mW/g; SAR(10 g) = 0.500 mW/g**

Maximum value of SAR (measured) = 0.905 mW/g



0 dB = 0.910mW/g m = -0.82 dB mW/g m

## #21 CDMA2000 BC0\_RTAP153.6\_Left Side\_1cm\_Ch384\_Sample1

**DUT: 221711**

Communication System: CDMA ; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_120210 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.998$  mho/m;  $\epsilon_r = 54.793$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.22, 6.22, 6.22); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch384/Area Scan (31x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.657 mW/g

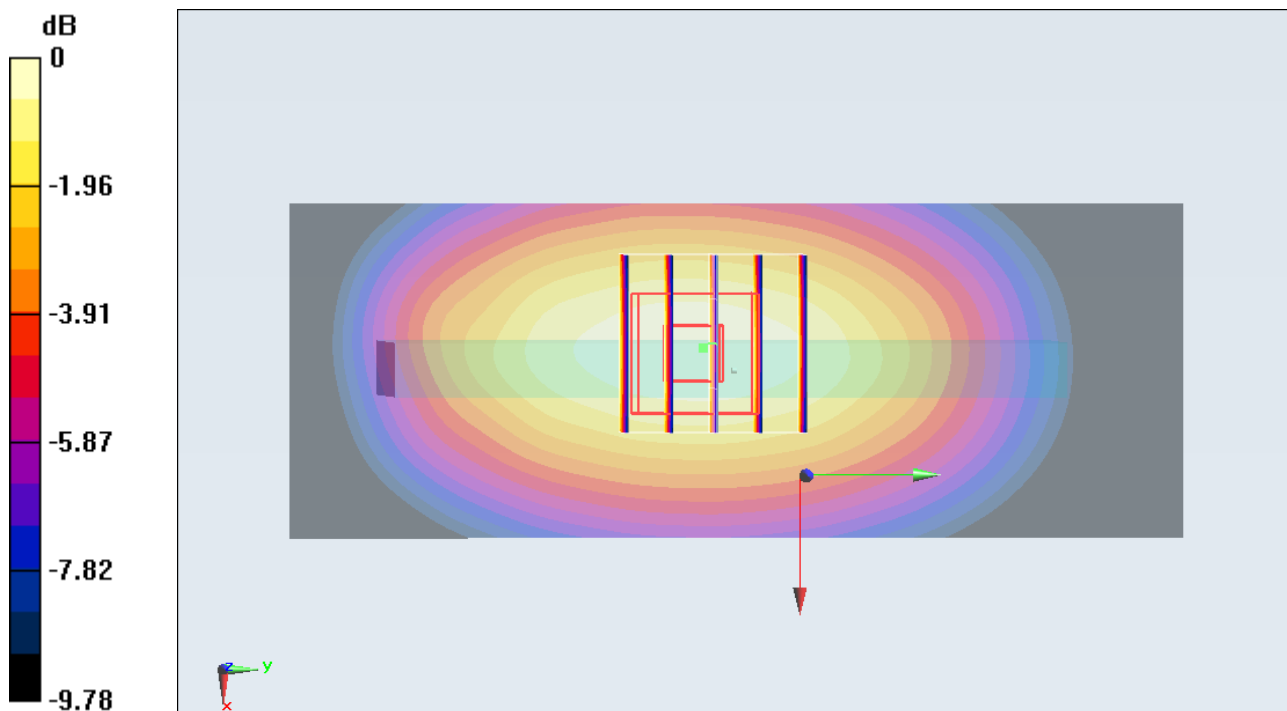
**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.682 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.8370

**SAR(1 g) = 0.625 mW/g; SAR(10 g) = 0.429 mW/g**

Maximum value of SAR (measured) = 0.666 mW/g



0 dB = 0.670mW/g = -3.48 dB mW/g

## #22 CDMA2000 BC0\_RTAP153.6\_Right Side\_1cm\_Ch384\_Sample1

**DUT: 221711**

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium: MSL\_850\_120210 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.998$  mho/m;  $\epsilon_r = 54.793$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.22, 6.22, 6.22); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch384/Area Scan (31x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.469 mW/g

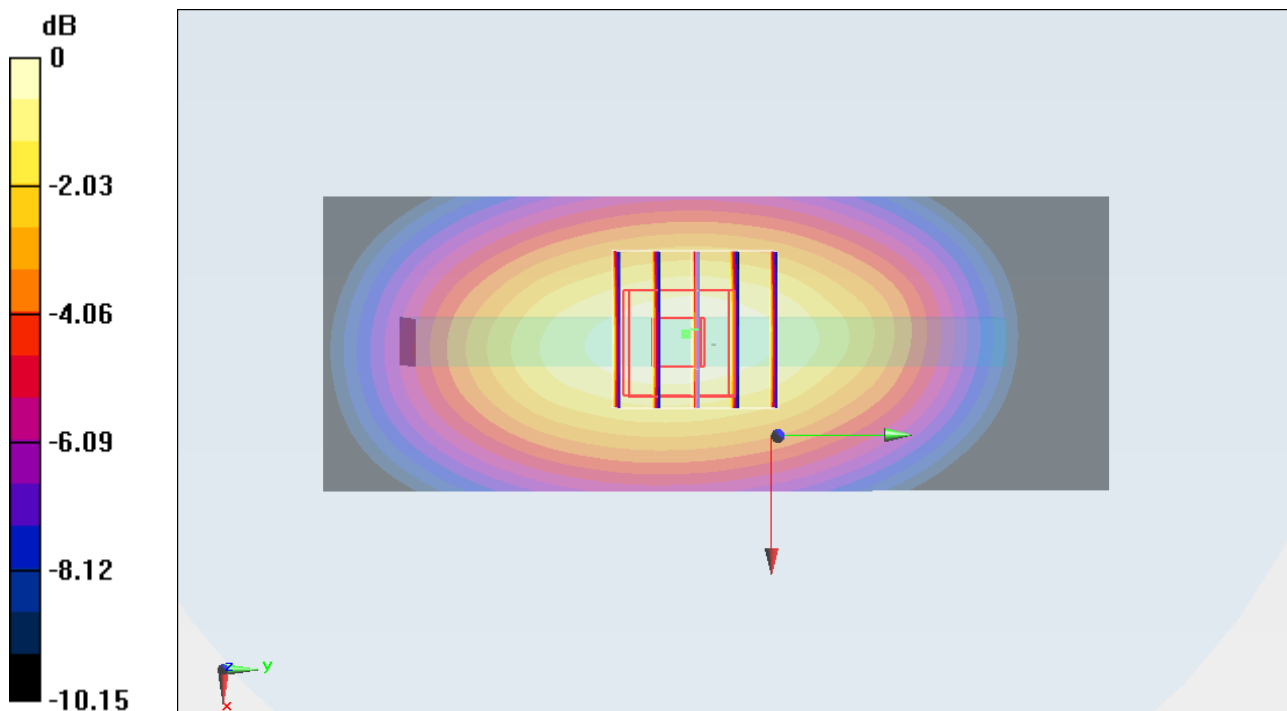
**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.740 V/m; Power Drift = 0.0034 dB

Peak SAR (extrapolated) = 0.6350

**SAR(1 g) = 0.450 mW/g; SAR(10 g) = 0.305 mW/g**

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



0 dB = 0.480mW/g = -6.38 dB mW/g

### #23 CDMA2000 BC0\_RTAP153.6\_Bottom Side\_1cm\_Ch384\_Sample1

**DUT: 221711**

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium: MSL\_850\_120210 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.998$  mho/m;  $\epsilon_r = 54.793$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.22, 6.22, 6.22); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch384/Area Scan (31x41x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.304 mW/g

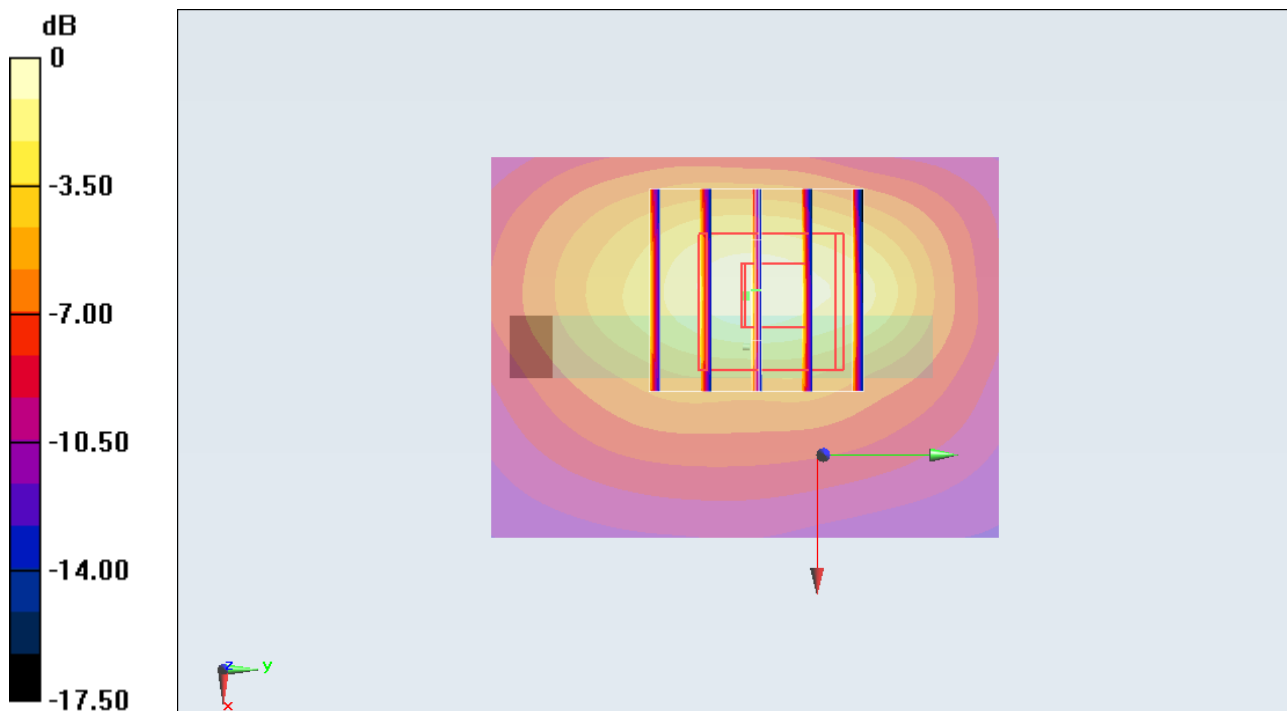
**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.521 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.7000

**SAR(1 g) = 0.285 mW/g; SAR(10 g) = 0.136 mW/g**

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



0 dB = 0.310mW/g = -10.17 dB mW/g

### #25 CDMA2000 BC0\_RTAP153.6\_Back\_1cm\_Ch1013\_Sample1

**DUT: 221711**

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_120210 Medium parameters used:  $f = 825 \text{ MHz}$ ;  $\sigma = 0.986 \text{ mho/m}$ ;  $\epsilon_r = 54.865$ ;

$\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $22.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.22, 6.22, 6.22); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch1013/Area Scan (41x81x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.994 \text{ mW/g}$

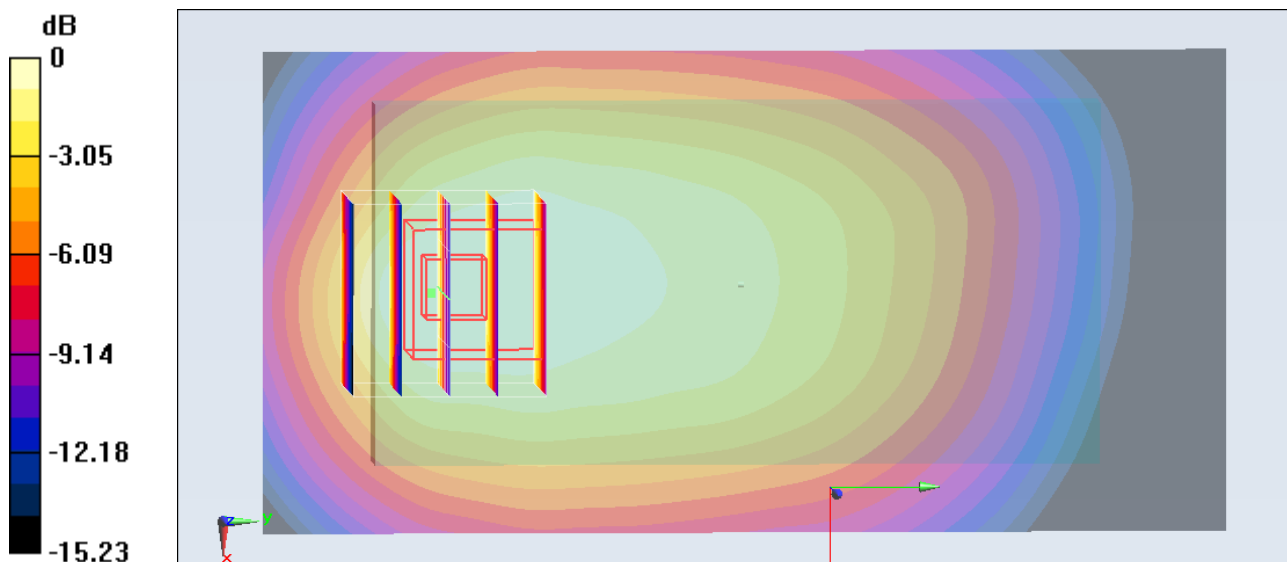
**Ch1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $26.846 \text{ V/m}$ ; Power Drift =  $-0.02 \text{ dB}$

Peak SAR (extrapolated) =  $1.4950$

**SAR(1 g) =  $0.853 \text{ mW/g}$ ; SAR(10 g) =  $0.529 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.944 \text{ mW/g}$



$0 \text{ dB} = 0.940 \text{ mW/g} = -0.54 \text{ dB mW/g}$

### #25 CDMA2000 BC0\_RTAP153.6\_Back\_1cm\_Ch1013\_Sample1\_2D

**DUT: 221711**

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_120210 Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.986$  mho/m;  $\epsilon_r = 54.865$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.22, 6.22, 6.22); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch1013/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.994 mW/g

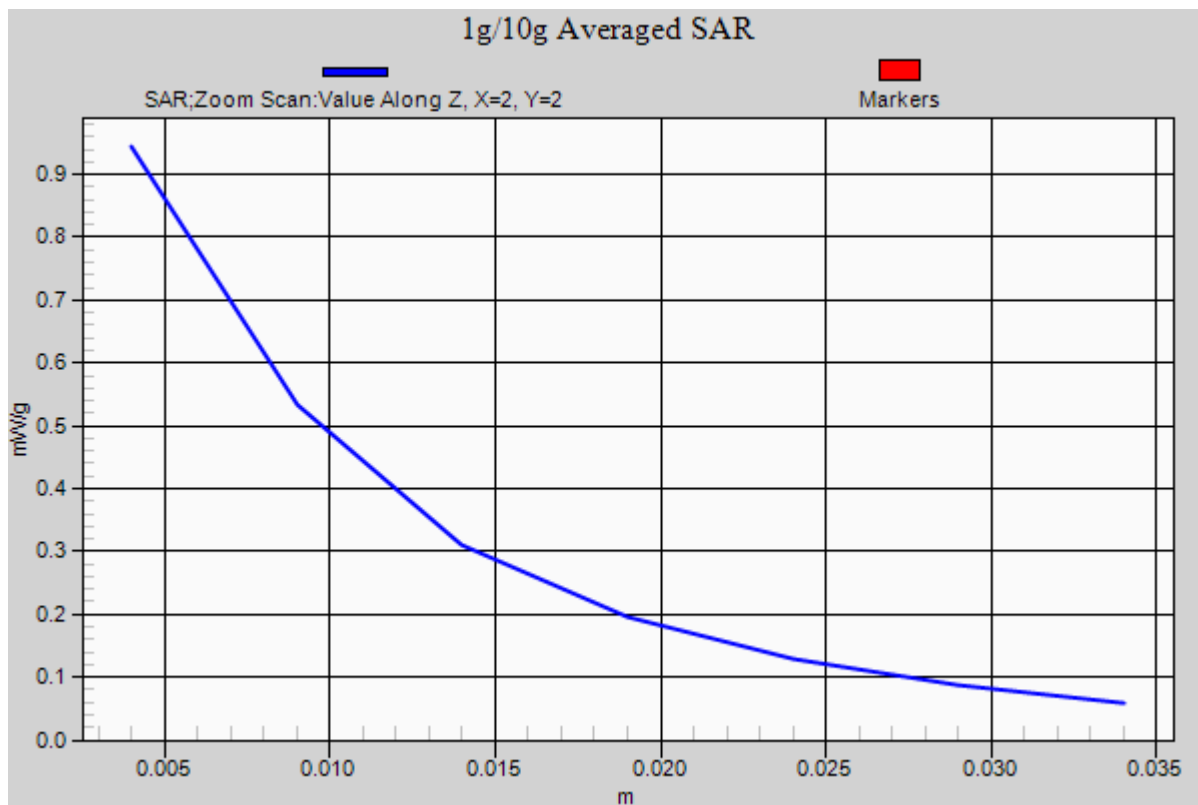
**Ch1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.846 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.4950

**SAR(1 g) = 0.853 mW/g; SAR(10 g) = 0.529 mW/g**

Maximum value of SAR (measured) = 0.944 mW/g



### #26 CDMA2000 BC0\_RTAP153.6\_Back\_1cm\_Ch777\_Sample1

**DUT: 221711**

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

Medium: MSL\_850\_120210 Medium parameters used :  $f = 848.31$  MHz;  $\sigma = 1.009$  mho/m;  $\epsilon_r =$

$54.698$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.22, 6.22, 6.22); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch777/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.980 mW/g

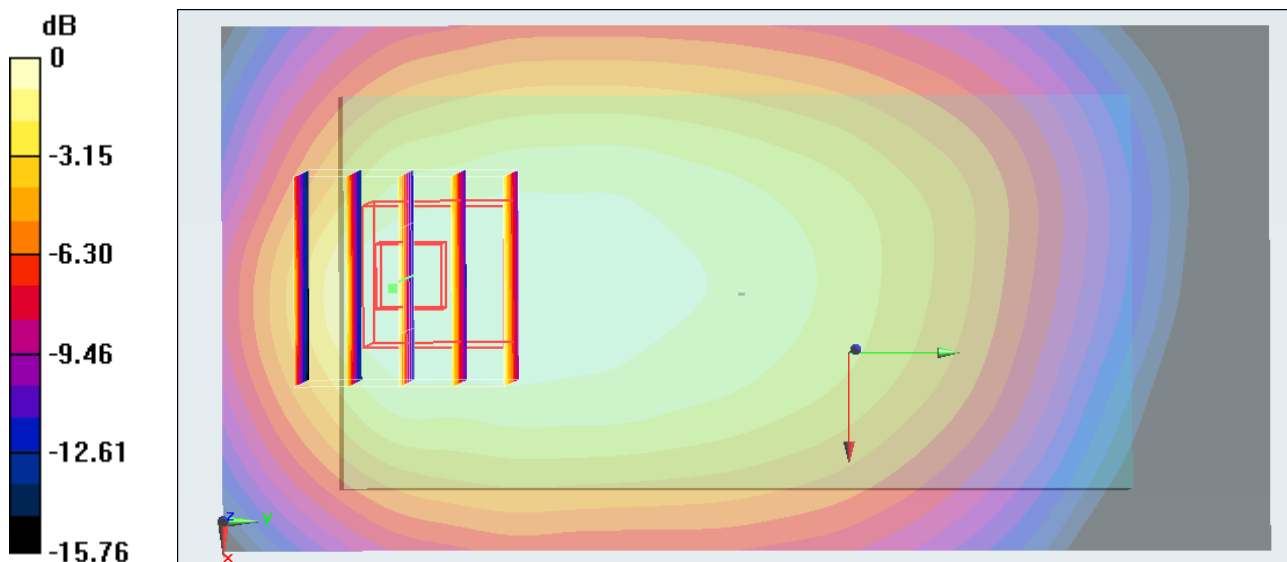
**Ch777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.172 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.5090

**SAR(1 g) = 0.816 mW/g; SAR(10 g) = 0.490 mW/g**

Maximum value of SAR (measured) = 0.916 mW/g



0 dB = 0.920mW/g = -0.72 dB mW/g



## #74 CDMA2000 BC0\_RTAP153.6\_Back\_1cm\_Ch1013\_Sample2

**DUT: 221711**

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_120222 Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.954$  mho/m;  $\epsilon_r = 54.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(9.02, 9.02, 9.02); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1013/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.736 mW/g

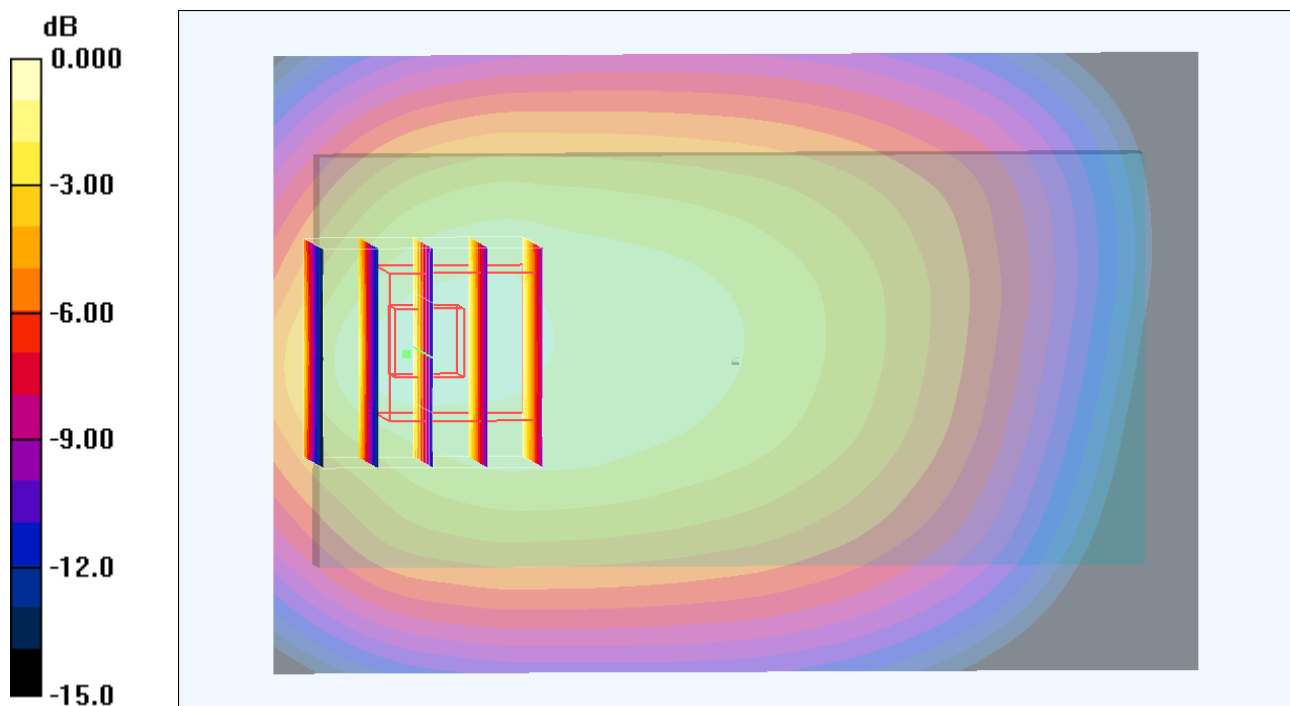
**Ch1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.1 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.29 W/kg

**SAR(1 g) = 0.719 mW/g; SAR(10 g) = 0.452 mW/g**

Maximum value of SAR (measured) = 0.789 mW/g



0 dB = 0.789mW/g

### #34 CDMA2000 BC0\_RC3+SO32\_Front\_1cm\_Ch384\_Sample1\_Earphone1

**DUT: 221711**

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium: MSL\_850\_120210 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.998$  mho/m;  $\epsilon_r = 54.793$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.22, 6.22, 6.22); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch384/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.478 mW/g

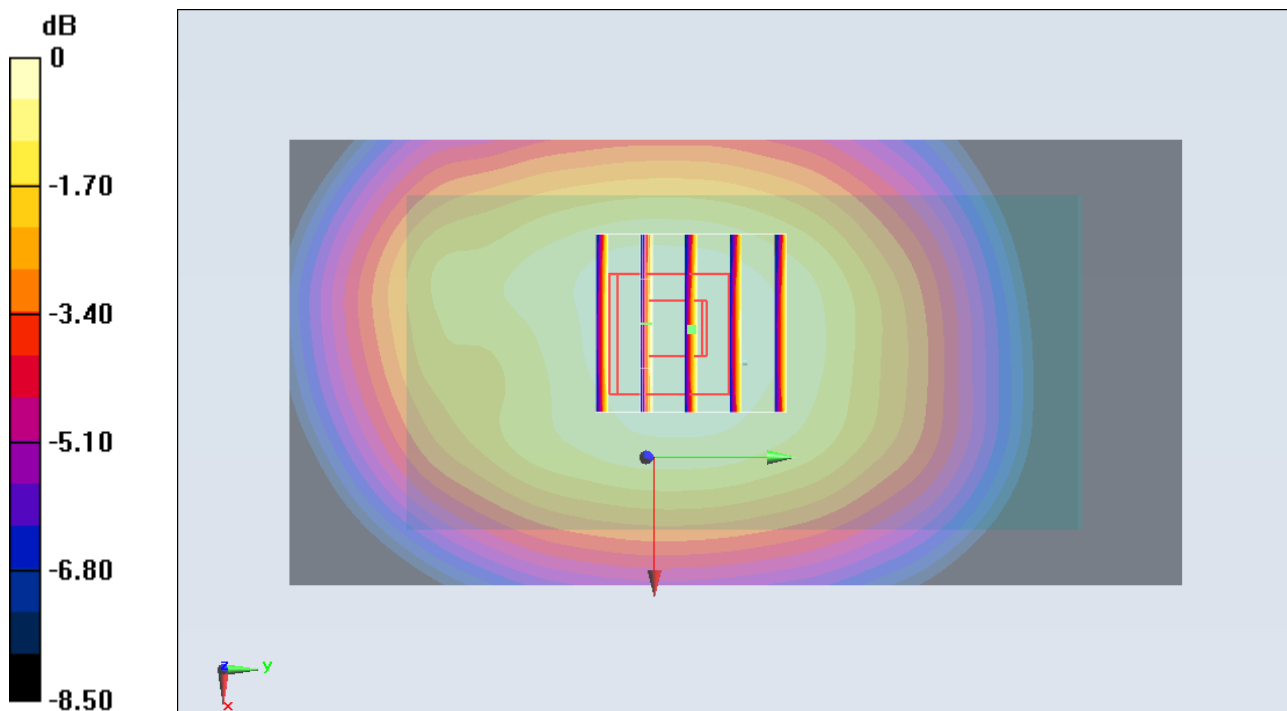
**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.194 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.5510

**SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.351 mW/g**

Maximum value of SAR (measured) = 0.480 mW/g



0 dB = 0.480mW/g = -6.38 dB mW/g

### #35 CDMA2000 BC0\_RC3+SO32\_Back\_1cm\_Ch384\_Sample1\_Earphone1

**DUT: 221711**

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium: MSL\_850\_120210 Medium parameters used:  $f = 837 \text{ MHz}$ ;  $\sigma = 0.998 \text{ mho/m}$ ;  $\epsilon_r = 54.793$ ;

$\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $22.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.22, 6.22, 6.22); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch384/Area Scan (41x81x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.960 \text{ mW/g}$

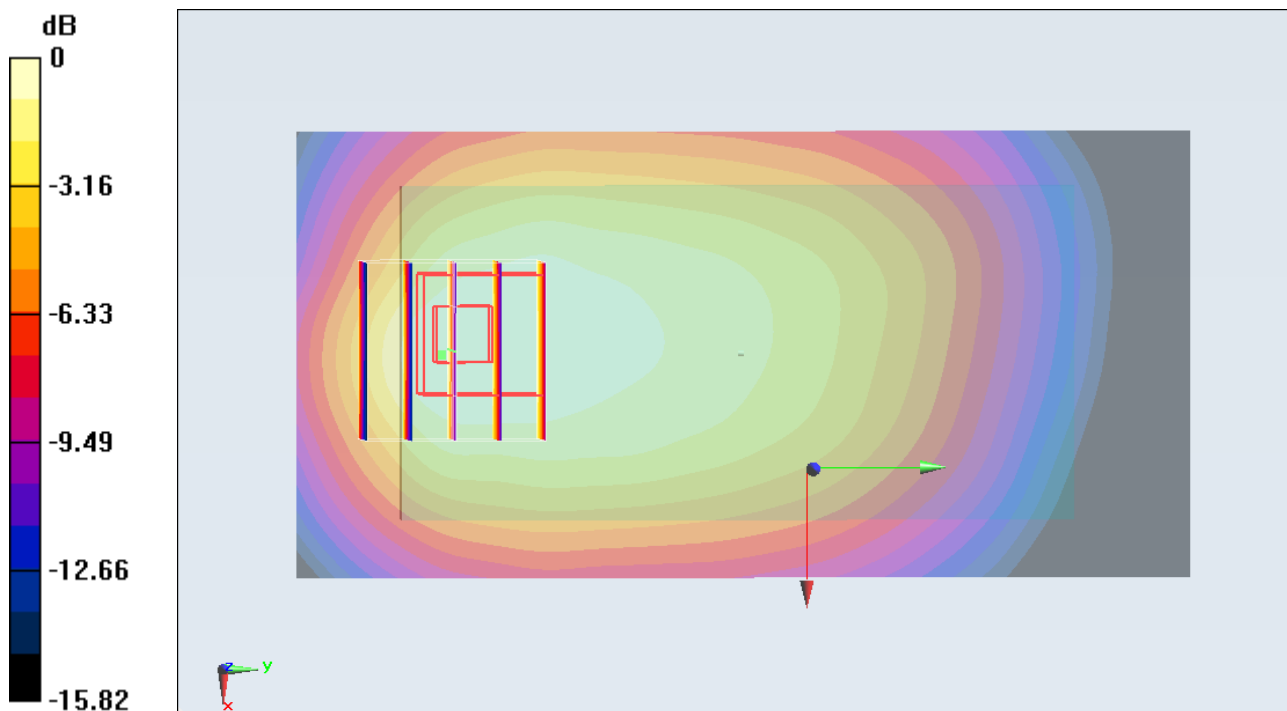
**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $25.603 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$

Peak SAR (extrapolated) =  $1.5160$

**SAR(1 g) =  $0.831 \text{ mW/g}$ ; SAR(10 g) =  $0.501 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.904 \text{ mW/g}$



0 dB =  $0.900\text{mW/g}$  =  $-0.92 \text{ dB mW/g}$

### #36 CDMA2000 BC0\_RC3+SO32\_Back\_1cm\_Ch1013\_Sample1\_Earphone1

**DUT: 221711**

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_120210 Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.986$  mho/m;  $\epsilon_r = 54.865$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.22, 6.22, 6.22); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch1013/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.960 mW/g

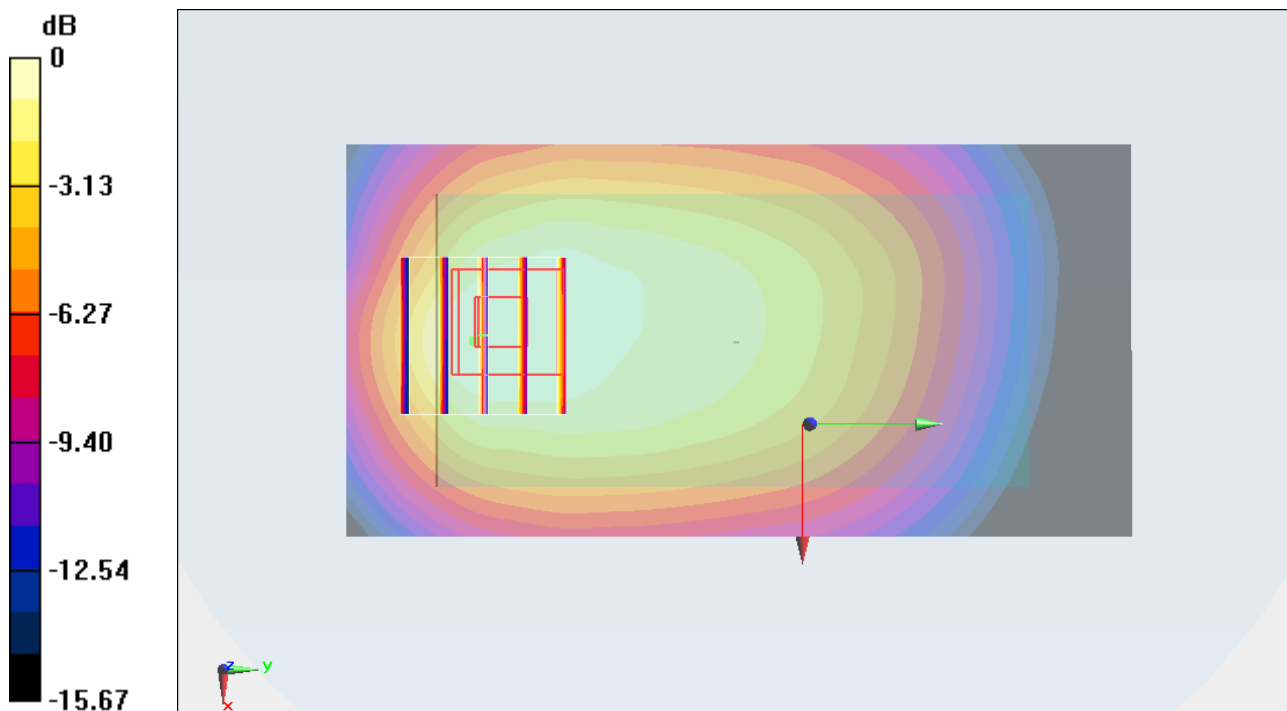
**Ch1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.941 V/m; Power Drift = 0.0036 dB

Peak SAR (extrapolated) = 1.5090

**SAR(1 g) = 0.841 mW/g; SAR(10 g) = 0.512 mW/g**

Maximum value of SAR (measured) = 0.899 mW/g



0 dB = 0.900mW/g = -0.92 dB mW/g

### #37 CDMA2000 BC0\_RC3+SO32\_Back\_1cm\_Ch777\_Sample1\_Earphone1

**DUT: 221711**

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

Medium: MSL\_850\_120210 Medium parameters used:  $f = 848.31 \text{ MHz}$ ;  $\sigma = 1.009 \text{ mho/m}$ ;  $\epsilon_r =$

$54.698$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $22.5 \text{ }^\circ\text{C}$  ; Liquid Temperature :  $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.22, 6.22, 6.22); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch777/Area Scan (41x81x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.913 \text{ mW/g}$

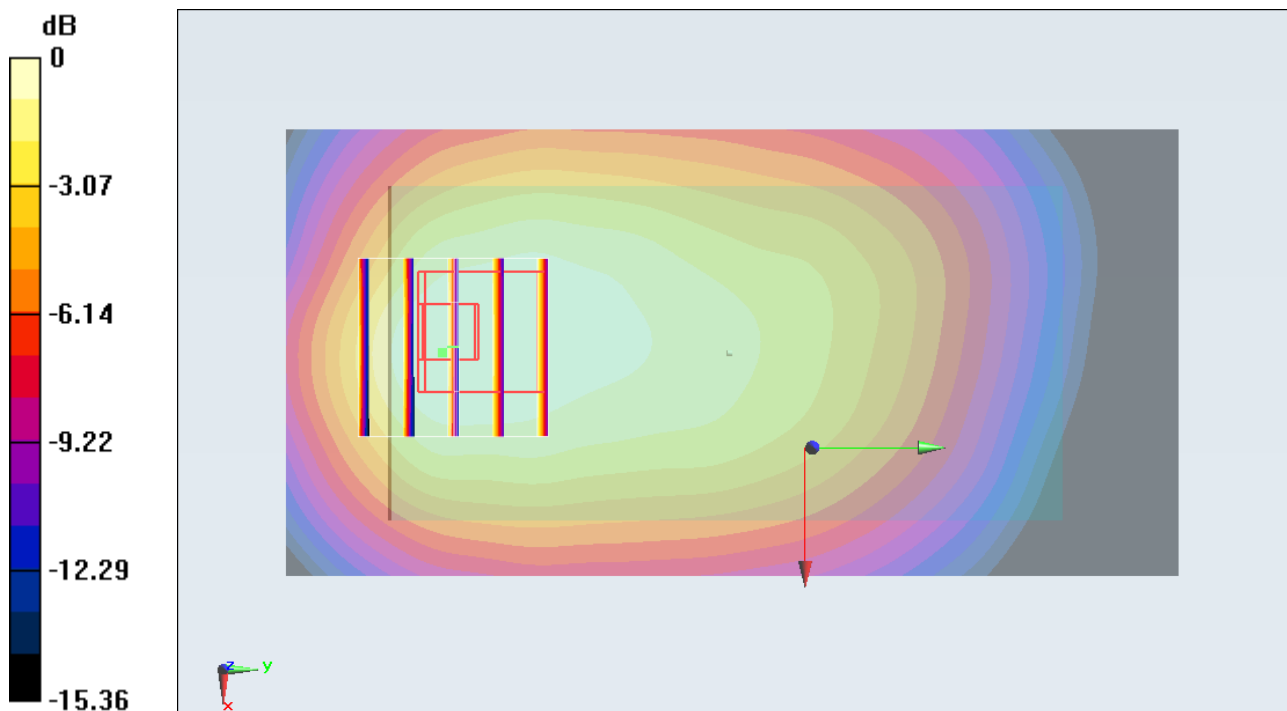
**Ch777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $25.096 \text{ V/m}$ ; Power Drift =  $-0.02 \text{ dB}$

Peak SAR (extrapolated) =  $1.4960$

**SAR(1 g) =  $0.811 \text{ mW/g}$ ; SAR(10 g) =  $0.489 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.864 \text{ mW/g}$



$0 \text{ dB} = 0.860\text{mW/g} = -1.31 \text{ dB mW/g}$

## #75 CDMA2000BC0\_RC3+SO32\_Back\_1cm\_Ch1013\_Sample2\_Earphone2

**DUT: 221711**

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_120222 Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.954$  mho/m;  $\epsilon_r = 54.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(9.02, 9.02, 9.02); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1013/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.707 mW/g

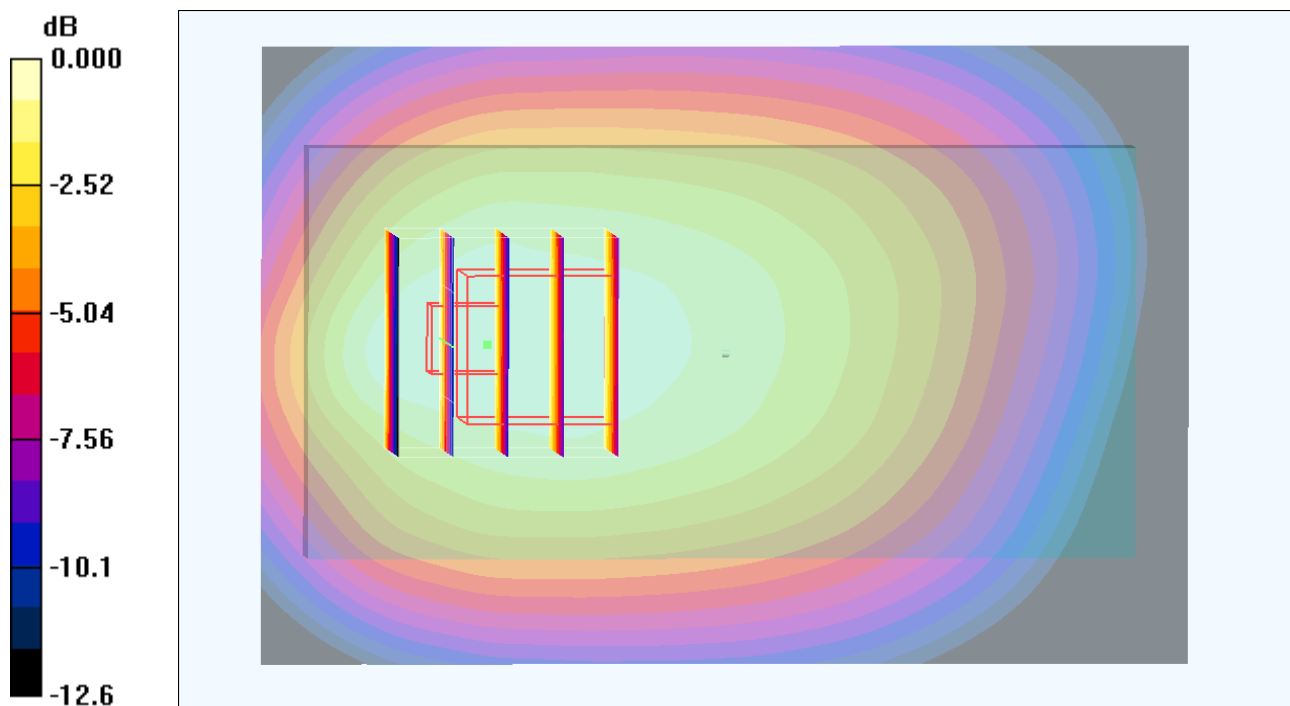
**Ch1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.2 V/m; Power Drift = 0.023 dB

Peak SAR (extrapolated) = 1.11 W/kg

**SAR(1 g) = 0.661 mW/g; SAR(10 g) = 0.451 mW/g**

Maximum value of SAR (measured) = 0.712 mW/g



0 dB = 0.712mW/g

## #27 CDMA2000 BC15\_RTAP153.6\_Front\_1cm\_Ch425\_Sample1

**DUT: 221711**

Communication System: CDMA ; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120213 Medium parameters used:  $f = 1731.25$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.67, 7.67, 7.67); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch425/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm.

Maximum value of SAR (interpolated) = 0.555 mW/g

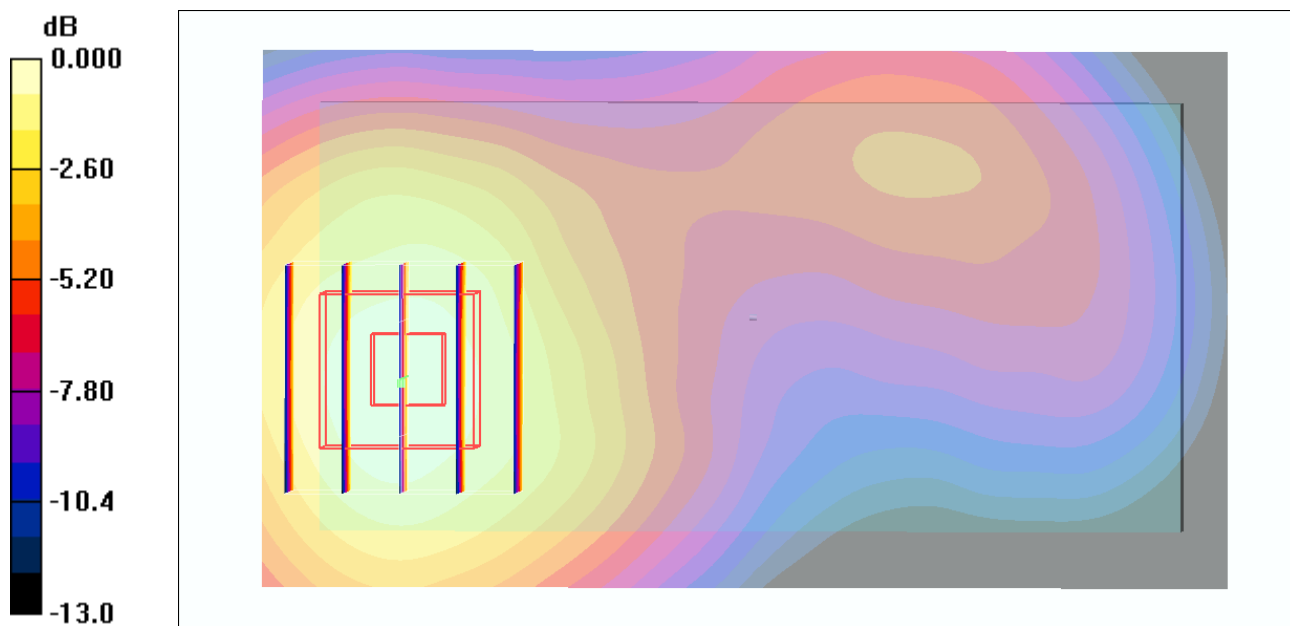
**Ch425/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.45 V/m; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 0.790 W/kg

**SAR(1 g) = 0.521 mW/g; SAR(10 g) = 0.333 mW/g**

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



0 dB = 0.568mW/g

## #28 CDMA2000 BC15\_RTAP153.6\_Back\_1cm\_Ch425\_Sample1

**DUT: 221711**

Communication System: CDMA ; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120213 Medium parameters used:  $f = 1731.25$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.67, 7.67, 7.67); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch425/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.28 mW/g

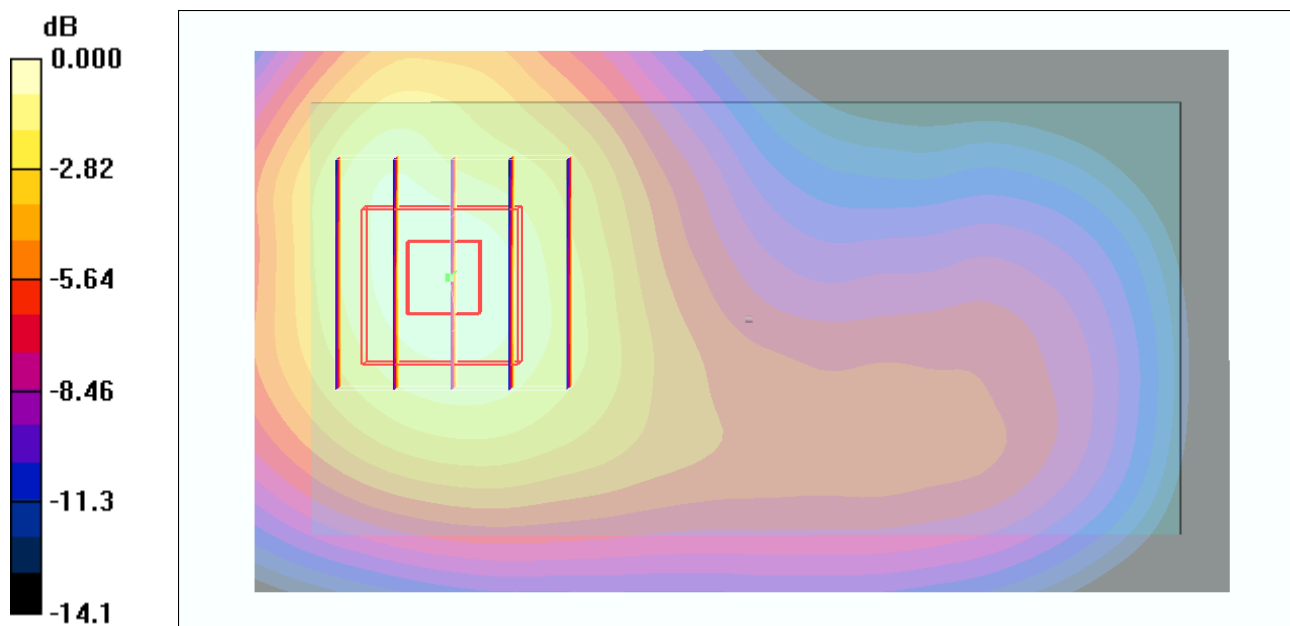
**Ch425/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.4 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 1.92 W/kg

**SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.733 mW/g**

Maximum value of SAR (measured) = 1.30 mW/g



0 dB = 1.30mW/g



## #29 CDMA2000 BC15\_RTAP153.6\_Left Side\_1cm\_Ch425\_Sample1

**DUT: 221711**

Communication System: CDMA ; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120213 Medium parameters used:  $f = 1731.25$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.67, 7.67, 7.67); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch425/Area Scan (31x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.331 mW/g

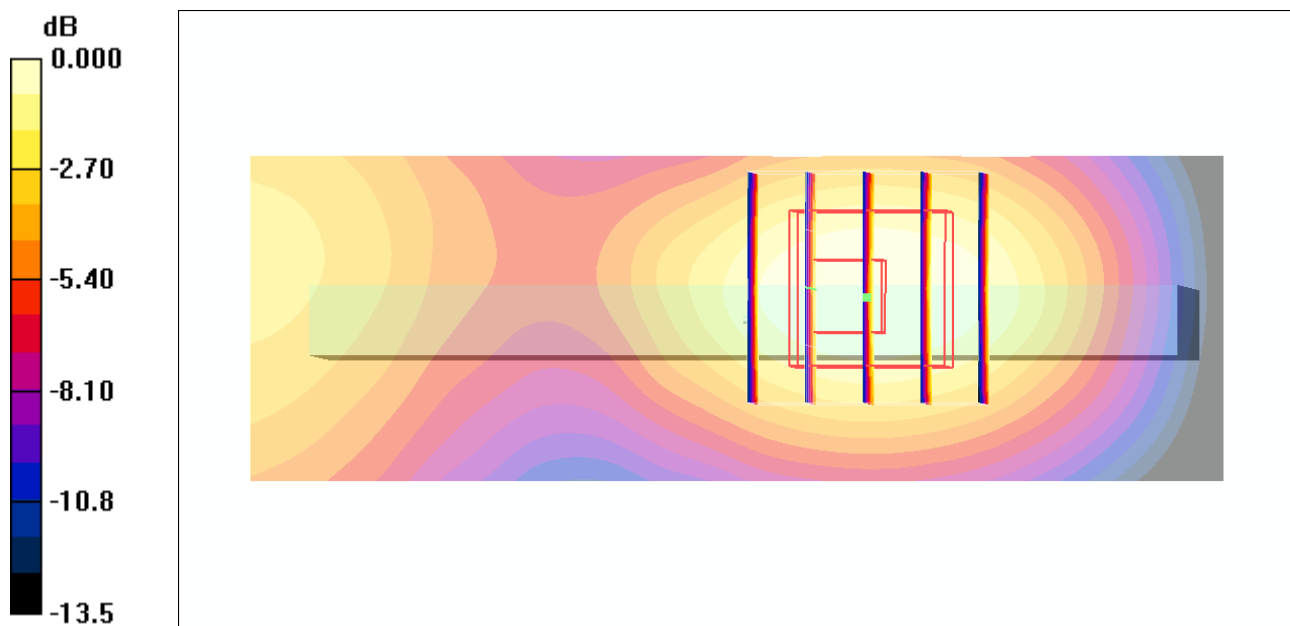
**Ch425/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.2 V/m; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 0.424 W/kg

**SAR(1 g) = 0.281 mW/g; SAR(10 g) = 0.178 mW/g**

Maximum value of SAR (measured) = 0.309 mW/g



0 dB = 0.309mW/g

### #30 CDMA2000 BC15\_RTAP153.6\_Right Side\_1cm\_Ch425\_Sample1

**DUT: 221711**

Communication System: CDMA ; Frequency: 1731.25 MHz;Duty Cycle: 1:1

Medium: MSL\_1750\_120213 Medium parameters used:  $f = 1731.25$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.67, 7.67, 7.67); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch425/Area Scan (31x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.725 mW/g

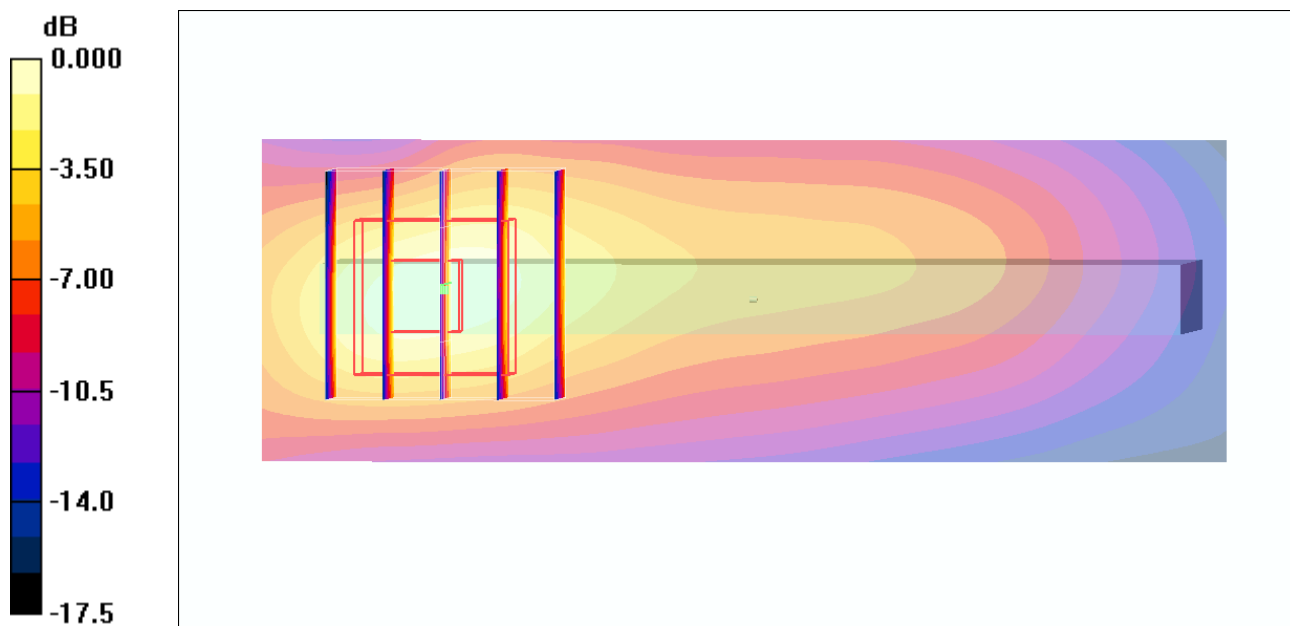
**Ch425/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.0 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 1.32 W/kg

**SAR(1 g) = 0.668 mW/g; SAR(10 g) = 0.339 mW/g**

Maximum value of SAR (measured) = 0.725 mW/g



0 dB = 0.725mW/g

### #31 CDMA2000 BC15\_RTAP153.6\_Bottom Side\_1cm\_Ch425\_Sample1

**DUT: 221711**

Communication System: CDMA ; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120213 Medium parameters used :  $f = 1731.25$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.67, 7.67, 7.67); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch425/Area Scan (31x71x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.20 mW/g

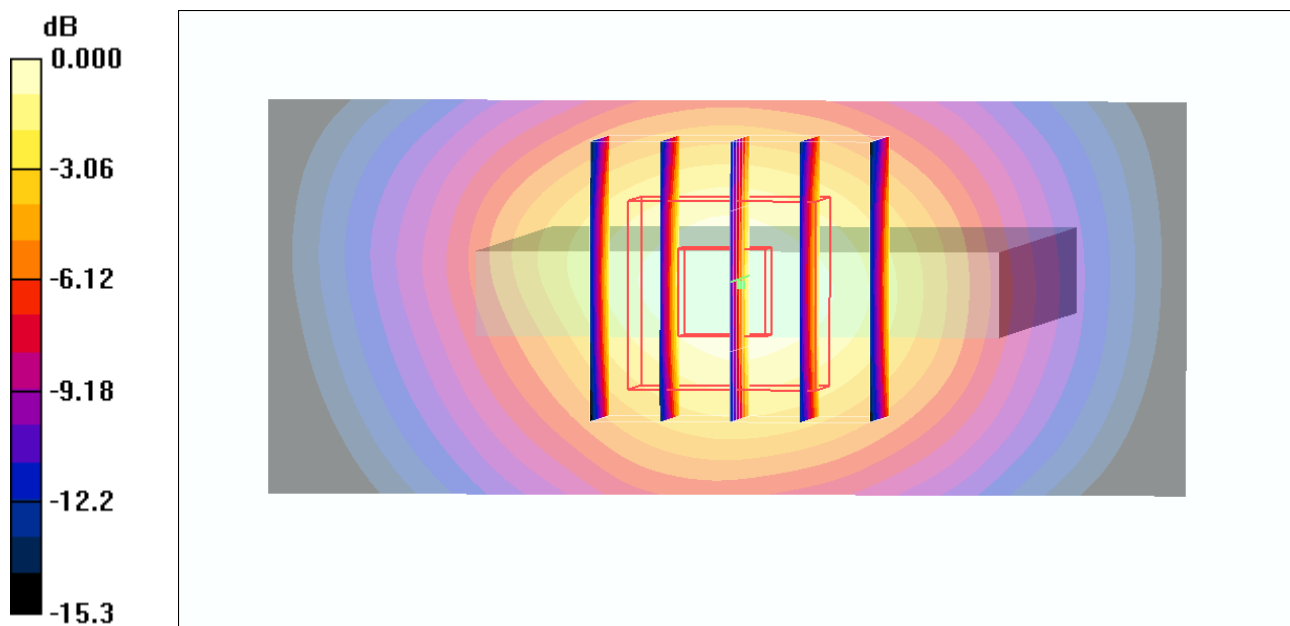
**Ch425/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.5 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 1.72 W/kg

**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.590 mW/g**

Maximum value of SAR (measured) = 1.13 mW/g



0 dB = 1.13mW/g

### #32 CDMA2000 BC15\_RTAP153.6\_Back\_1cm\_Ch25\_Sample1

**DUT: 221711**

Communication System: CDMA ; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120213 Medium parameters used:  $f = 1711.25$  MHz;  $\sigma = 1.49$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.67, 7.67, 7.67); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch25/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.21 mW/g

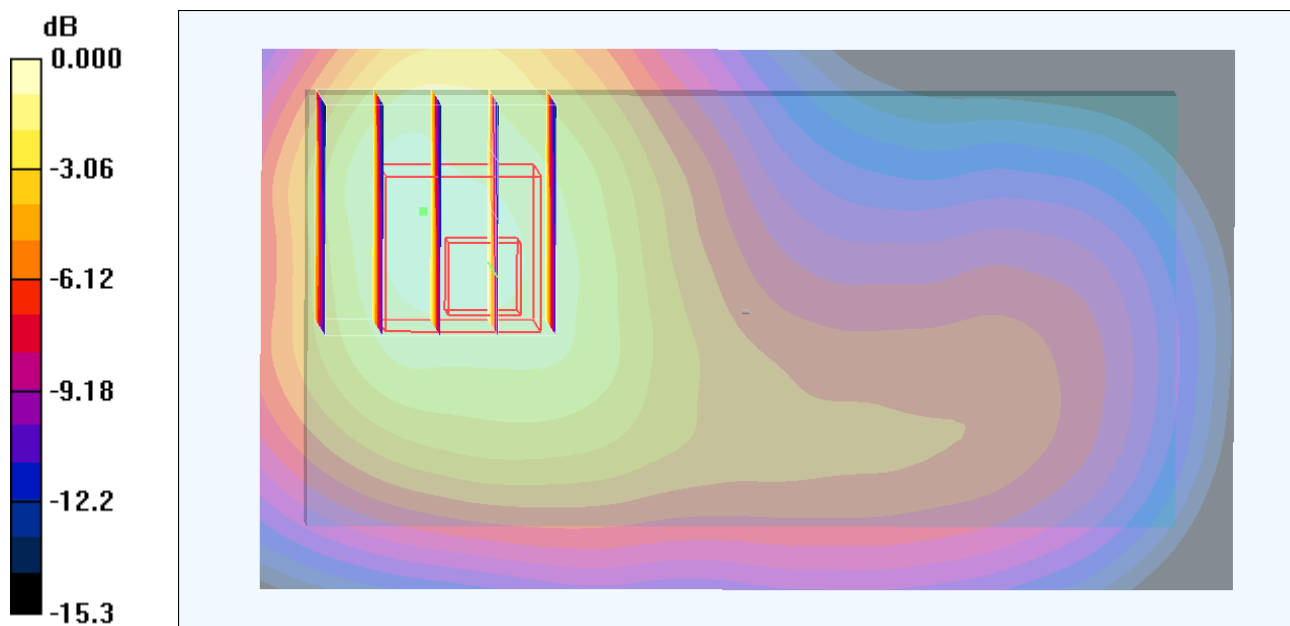
**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.2 V/m; Power Drift = -0.132 dB

Peak SAR (extrapolated) = 1.89 W/kg

**SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.723 mW/g**

Maximum value of SAR (measured) = 1.30 mW/g



0 dB = 1.30mW/g

### #33 CDMA2000 BC15\_RTAP153.6\_Back\_1cm\_Ch875\_Sample1

**DUT: 221711**

Communication System: CDMA ; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120213 Medium parameters used:  $f = 1754$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.67, 7.67, 7.67); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch875/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

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

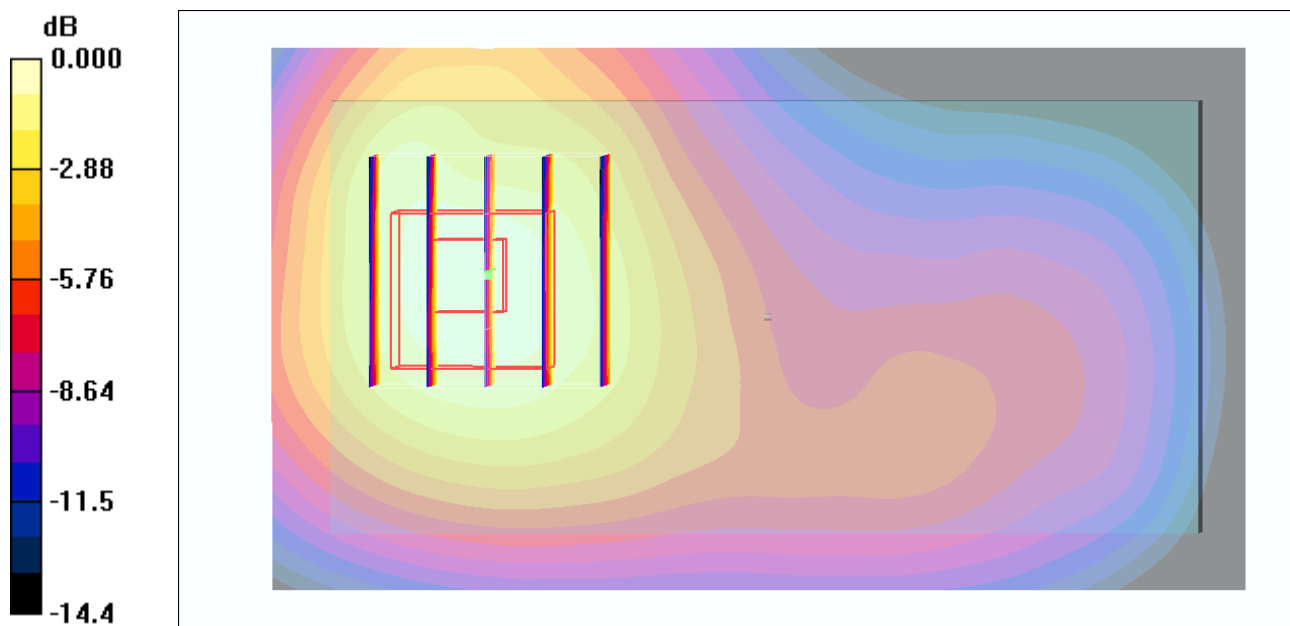
**Ch875/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.7 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 2.16 W/kg

**SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.798 mW/g**

Maximum value of SAR (measured) = 1.40 mW/g



0 dB = 1.40mW/g

### #33 CDMA2000 BC15\_RTAP153.6\_Back\_1cm\_Ch875\_Sample1\_2D

**DUT: 221711**

Communication System: CDMA ; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120213 Medium parameters used:  $f = 1754$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.67, 7.67, 7.67); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch875/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

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

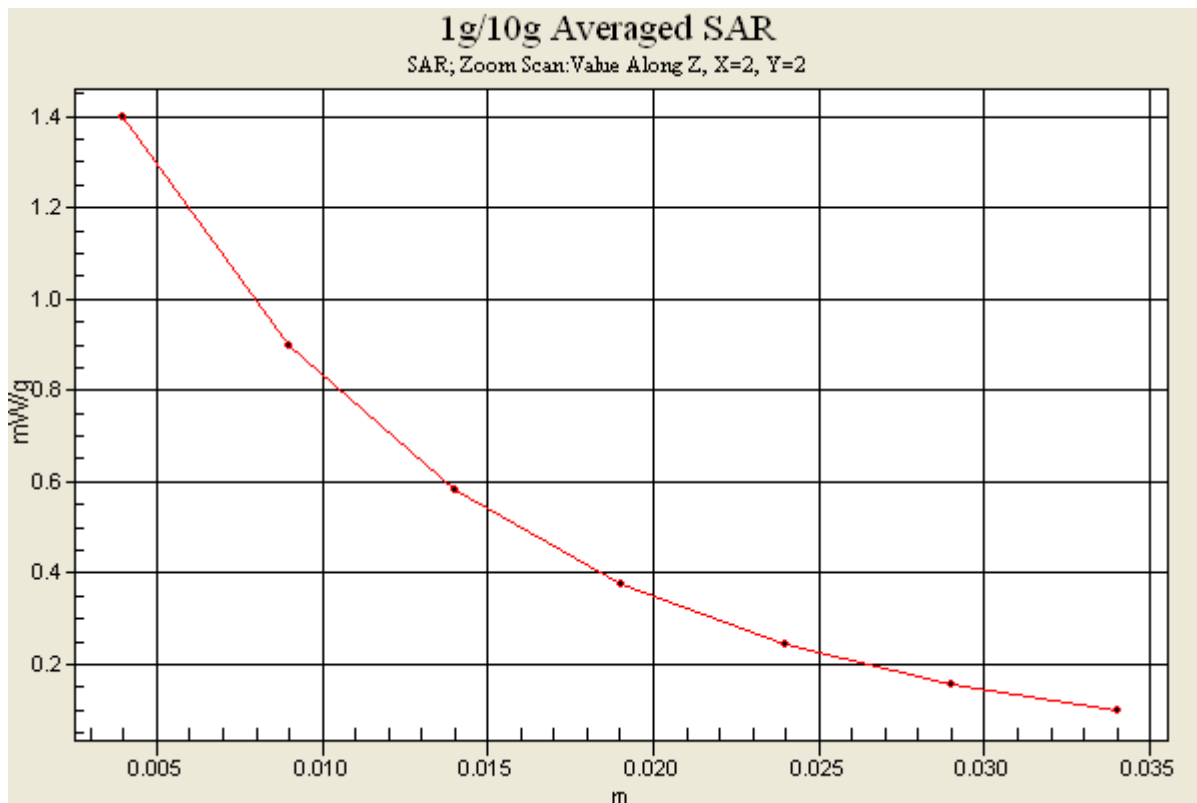
**Ch875/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.7 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 2.16 W/kg

**SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.798 mW/g**

Maximum value of SAR (measured) = 1.40 mW/g



# #41 CDMA2000 BC15\_RTAP153.6\_Bottom Side\_1cm\_Ch25\_Sample1

**DUT: 221711**

Communication System: CDMA ; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120213 Medium parameters used :  $f = 1711.25$  MHz;  $\sigma = 1.49$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.67, 7.67, 7.67); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Maximum value of SAR (interpolated) = 1.19 mW/g

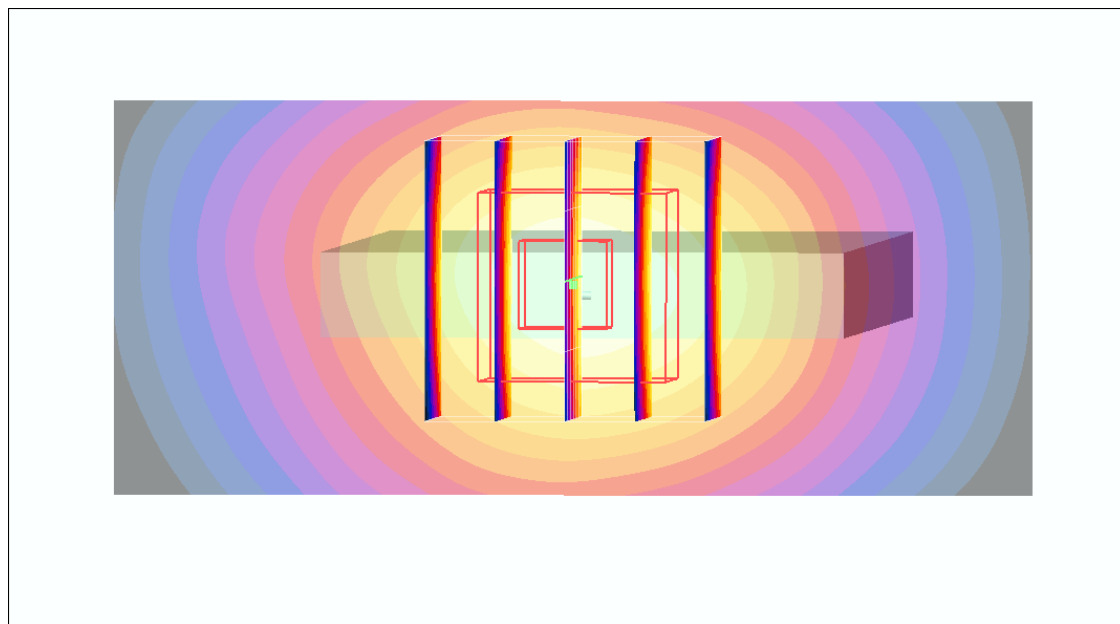
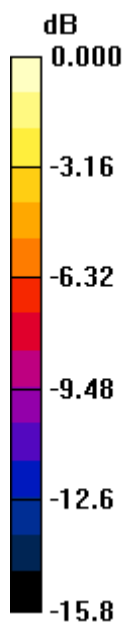
**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.8 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 1.61 W/kg

**SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.575 mW/g**

Maximum value of SAR (measured) = 1.13 mW/g



0 dB = 1.13mW/g

## #42 CDMA2000 BC15\_RTAP153.6\_Bottom Side\_1cm\_Ch875\_Sample1

**DUT: 221711**

Communication System: CDMA ; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120213 Medium parameters used:  $f = 1754$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.67, 7.67, 7.67); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch875/Area Scan (31x71x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.43 mW/g

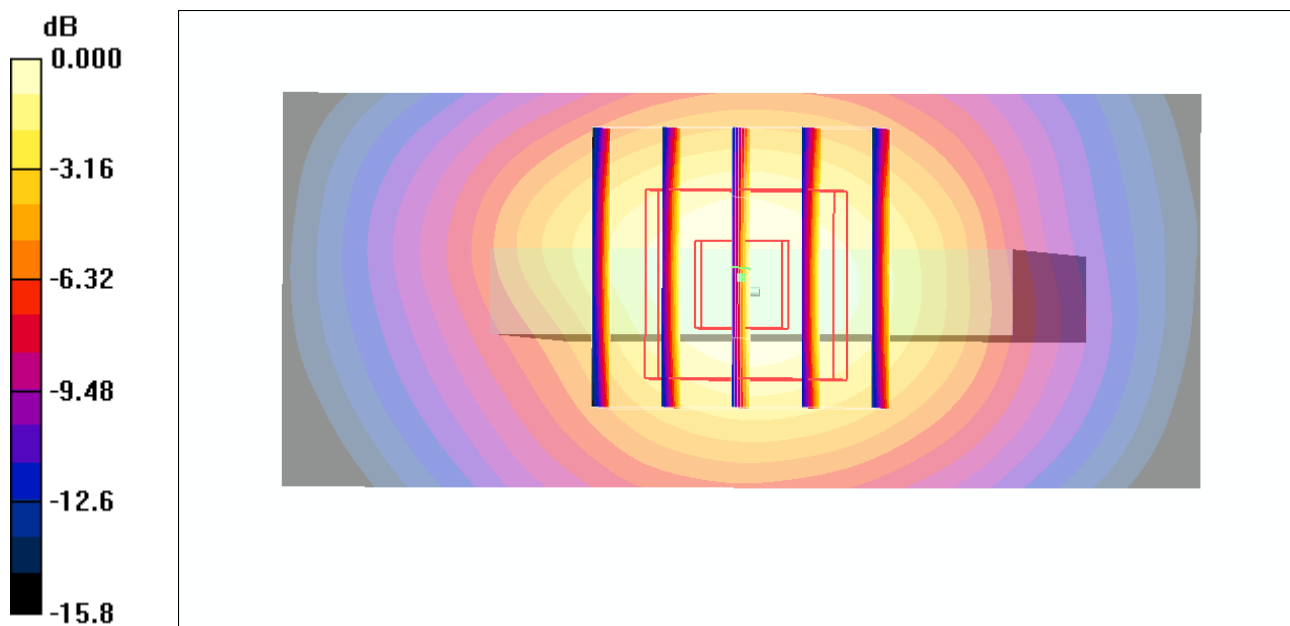
**Ch875/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.9 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 1.84 W/kg

**SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.690 mW/g**

Maximum value of SAR (measured) = 1.25 mW/g



0 dB = 1.25mW/g



## #78 CDMA2000BC15\_RTAP153.6\_Back\_1cm\_Ch875\_Sample2

**DUT: 221711**

Communication System: CDMA ; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120222 Medium parameters used:  $f = 1754$  MHz;  $\sigma = 1.55$  mho/m;  $\epsilon_r = 51.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.67, 7.67, 7.67); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch875/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.29 mW/g

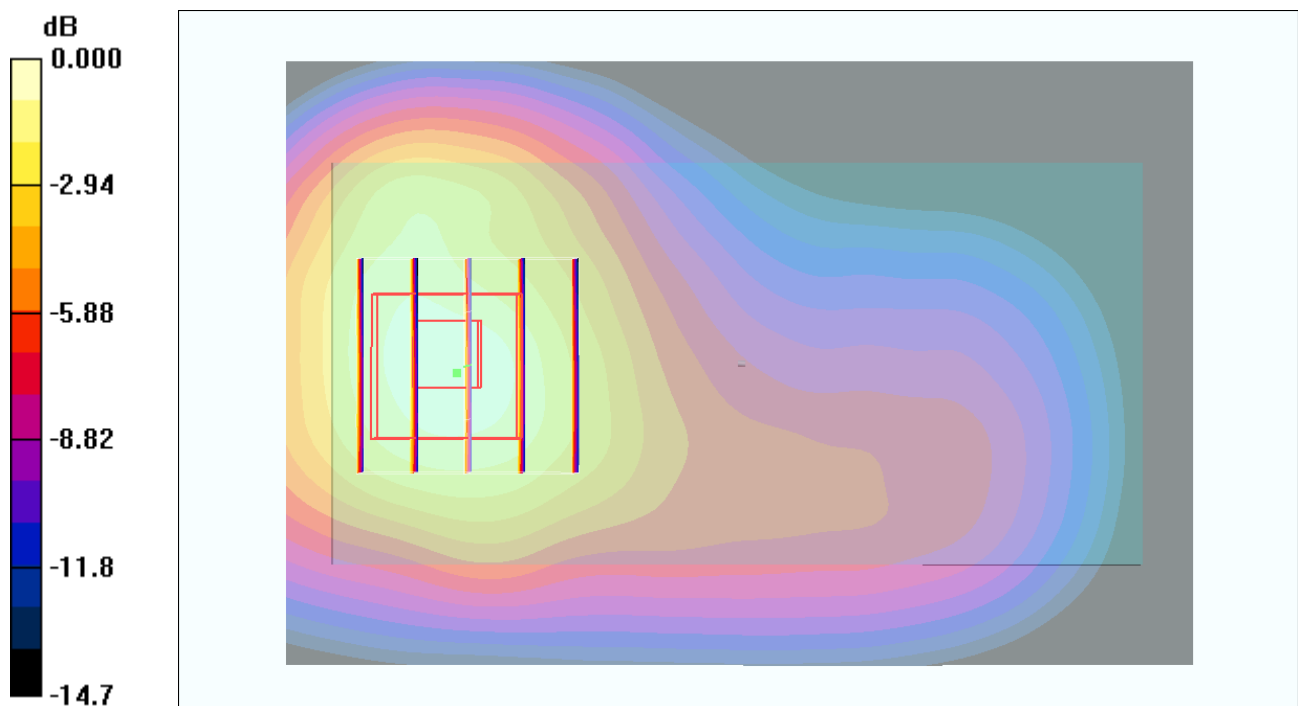
**Ch875/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.2 V/m; Power Drift = 0.115 dB

Peak SAR (extrapolated) = 2.03 W/kg

**SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.761 mW/g**

Maximum value of SAR (measured) = 1.37 mW/g



0 dB = 1.37mW/g

## #79 CDMA2000BC15\_RTAP153.6\_Back\_1cm\_Ch25\_Sample2

**DUT: 221711**

Communication System: CDMA ; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120222 Medium parameters used :  $f = 1711.25$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.67, 7.67, 7.67); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch25/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.933 mW/g

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

Reference Value = 10.6 V/m; Power Drift = 0.057 dB

Peak SAR (extrapolated) = 1.41 W/kg

**SAR(1 g) = 0.937 mW/g; SAR(10 g) = 0.590 mW/g**

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

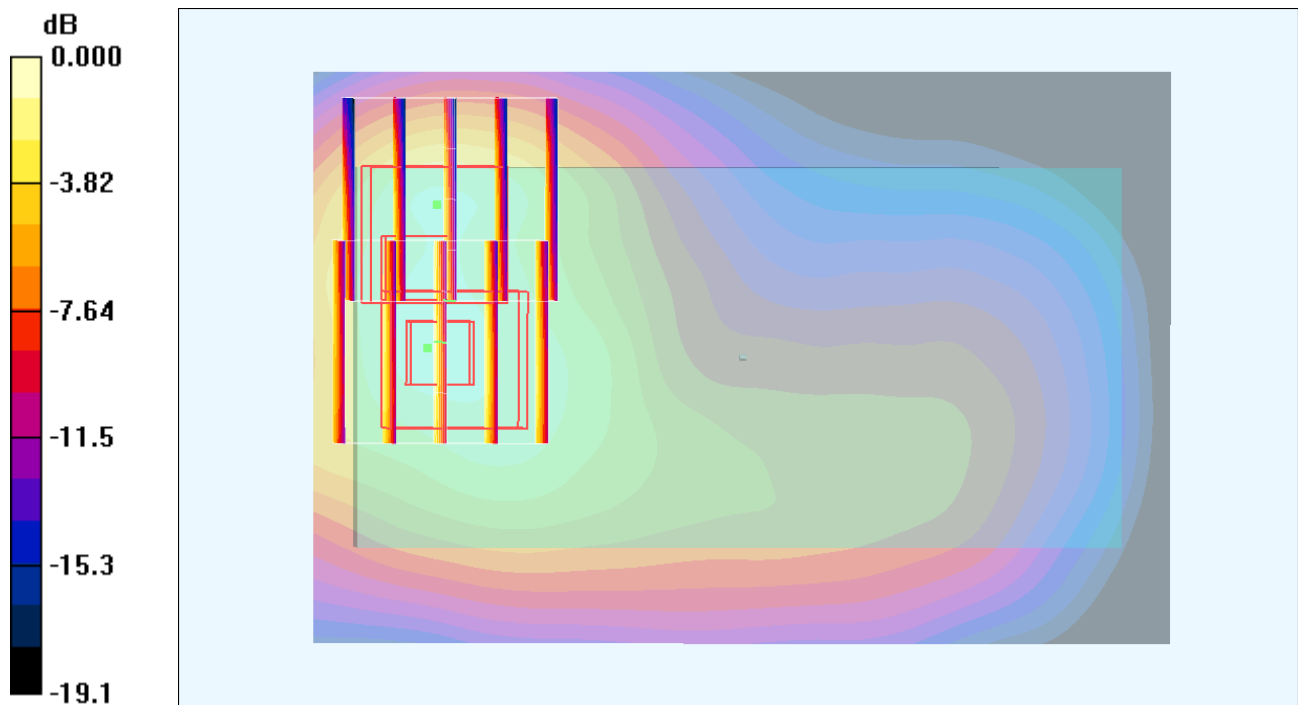
**Ch25/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.6 V/m; Power Drift = 0.057 dB

Peak SAR (extrapolated) = 1.53 W/kg

**SAR(1 g) = 0.879 mW/g; SAR(10 g) = 0.481 mW/g**

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



0 dB = 1.05mW/g

## #80 CDMA2000BC15\_RTAP153.6\_Back\_1cm\_Ch425\_Sample2

**DUT: 221711**

Communication System: CDMA ; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120222 Medium parameters used :  $f = 1731.25$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 51.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.67, 7.67, 7.67); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch425/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

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

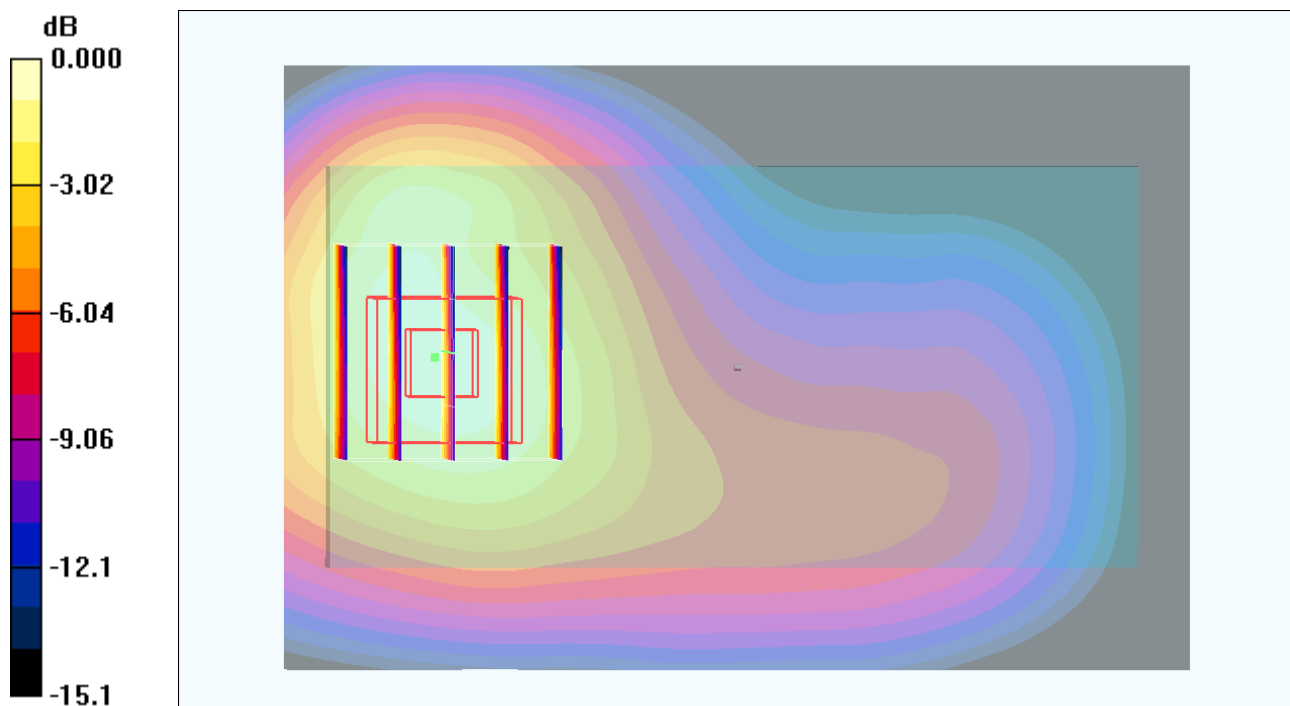
**Ch425/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = -0.093 dB

Peak SAR (extrapolated) = 1.45 W/kg

**SAR(1 g) = 0.927 mW/g; SAR(10 g) = 0.566 mW/g**

Maximum value of SAR (measured) = 1.04 mW/g



0 dB = 1.04mW/g

### #43 CDMA2000 BC15\_RC3+SO32\_Front\_1cm\_Ch425\_Sample1\_Earphone1

**DUT: 221711**

Communication System: CDMA ; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120213 Medium parameters used :  $f = 1731.25$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.67, 7.67, 7.67); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch425/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.640 mW/g

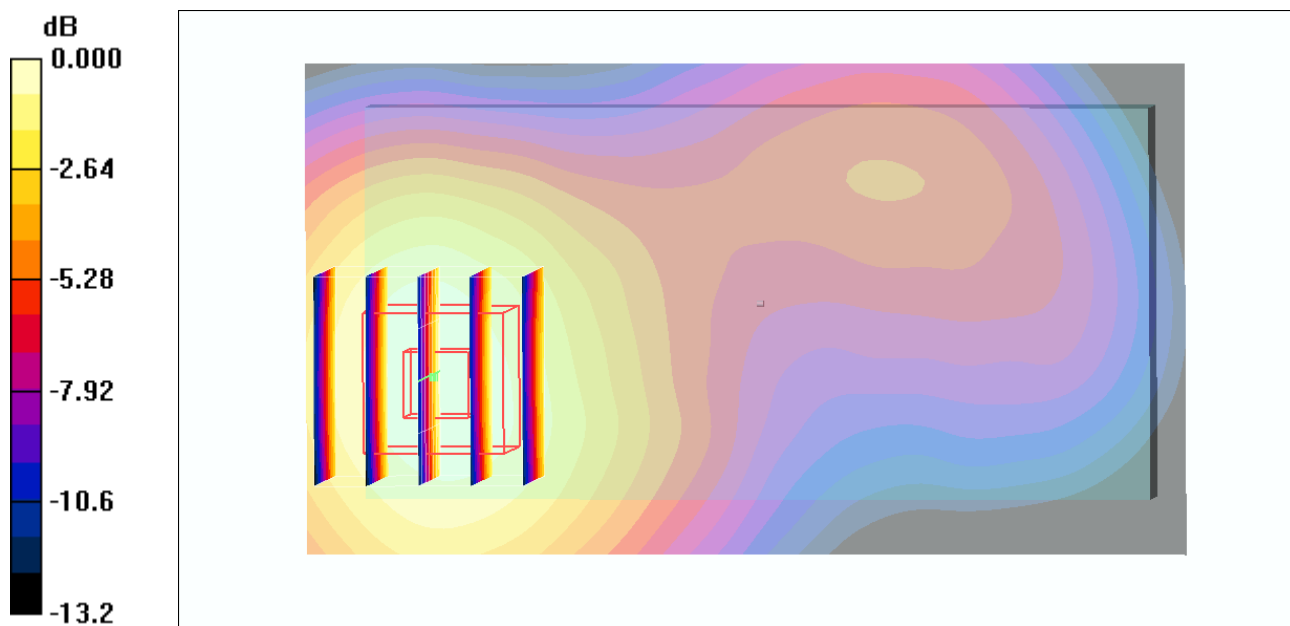
**Ch425/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.58 V/m; Power Drift = 0.086 dB

Peak SAR (extrapolated) = 0.914 W/kg

**SAR(1 g) = 0.596 mW/g; SAR(10 g) = 0.378 mW/g**

Maximum value of SAR (measured) = 0.642 mW/g



0 dB = 0.642mW/g

# #48 CDMA2000 BC15\_RC3+SO32\_Back\_1cm\_Ch425\_Sample1\_Earphone1

**DUT: 221711**

Communication System: CDMA ; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120213 Medium parameters used :  $f = 1731.25 \text{ MHz}$ ;  $\sigma = 1.51 \text{ mho/m}$ ;  $\epsilon_r = 52$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.67, 7.67, 7.67); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch425/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.32 mW/g

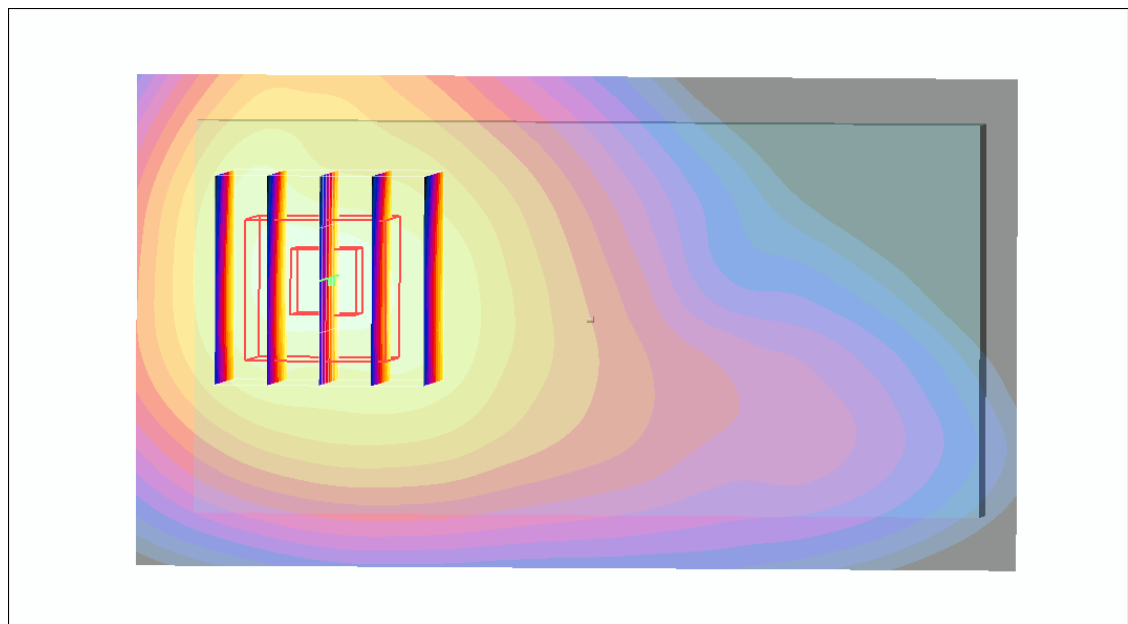
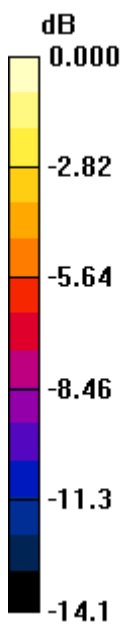
**Ch425/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.1 V/m; Power Drift = 0.049 dB

Peak SAR (extrapolated) = 1.90 W/kg

**SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.774 mW/g**

Maximum value of SAR (measured) = 1.33 mW/g



0 dB = 1.33mW/g

# #49 CDMA2000 BC15\_RC3+SO32\_Back\_1cm\_Ch875\_Sample1\_Earphone1

**DUT: 221711**

Communication System: CDMA ; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120213 Medium parameters used:  $f = 1754$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.67, 7.67, 7.67); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch875/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.35 mW/g

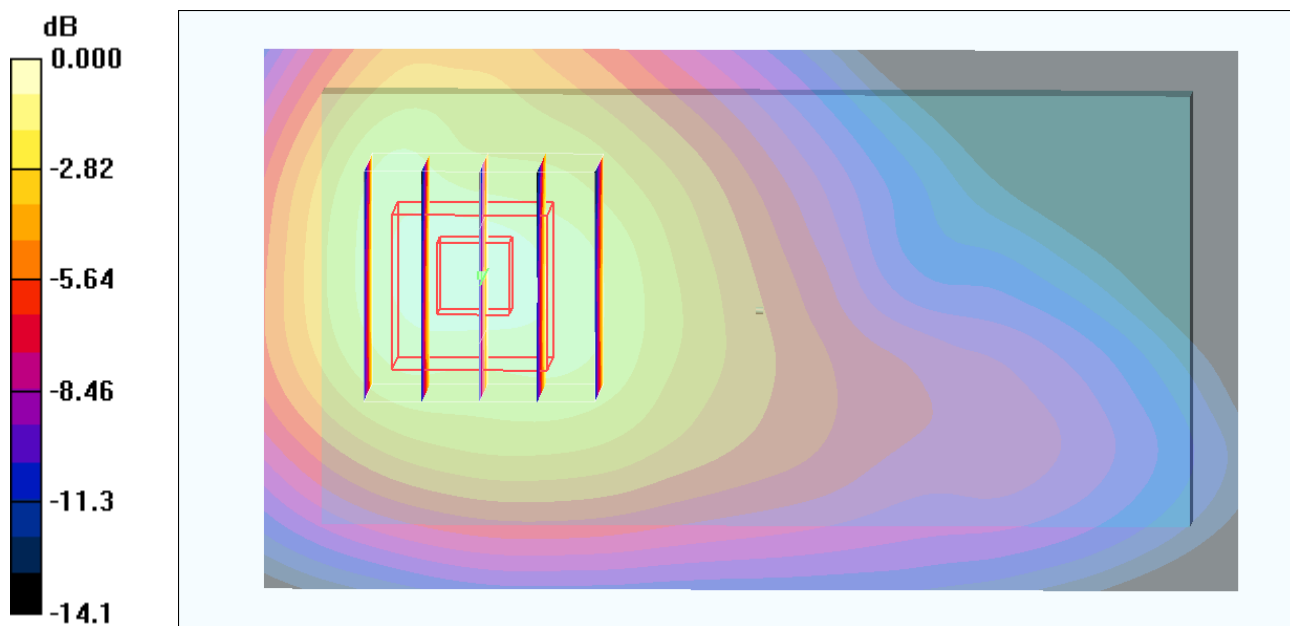
**Ch875/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.2 V/m; Power Drift = 0.049 dB

Peak SAR (extrapolated) = 1.94 W/kg

**SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.792 mW/g**

Maximum value of SAR (measured) = 1.36 mW/g



0 dB = 1.36mW/g

### #47 CDMA2000 BC15\_RC3+SO32\_Back\_1cm\_Ch25\_Sample1\_Earphone1

**DUT: 221711**

Communication System: CDMA ; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120213 Medium parameters used :  $f = 1711.25 \text{ MHz}$ ;  $\sigma = 1.49 \text{ mho/m}$ ;  $\epsilon_r = 52$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.67, 7.67, 7.67); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch25/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.74 mW/g

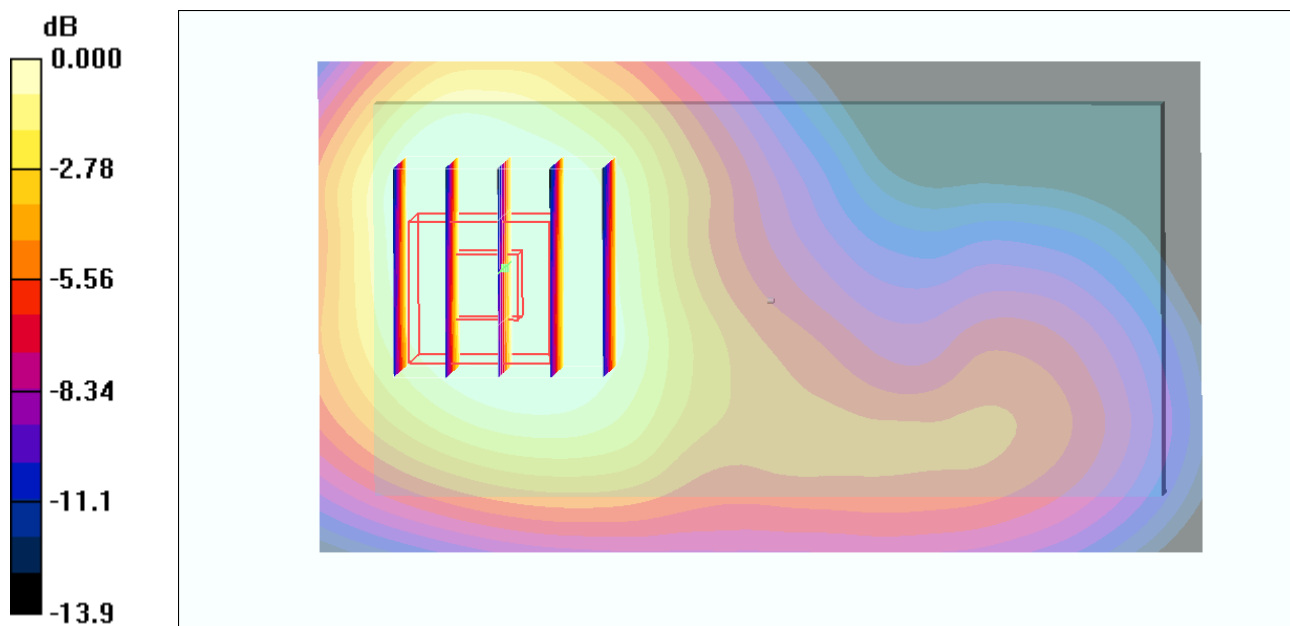
**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.7 V/m; Power Drift = -0.122 dB

Peak SAR (extrapolated) = 1.72 W/kg

**SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.712 mW/g**

Maximum value of SAR (measured) = 1.19 mW/g



0 dB = 1.19mW/g

## #81 CDMA2000BC15\_RC3+SO32\_Back\_1cm\_Ch875\_Sample2\_Earphone2

**DUT: 221711**

Communication System: CDMA ; Frequency: 1753.75 MHz;Duty Cycle: 1:1

Medium: MSL\_1750\_120222 Medium parameters used:  $f = 1754$  MHz;  $\sigma = 1.55$  mho/m;  $\epsilon_r = 51.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.67, 7.67, 7.67); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch875/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

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

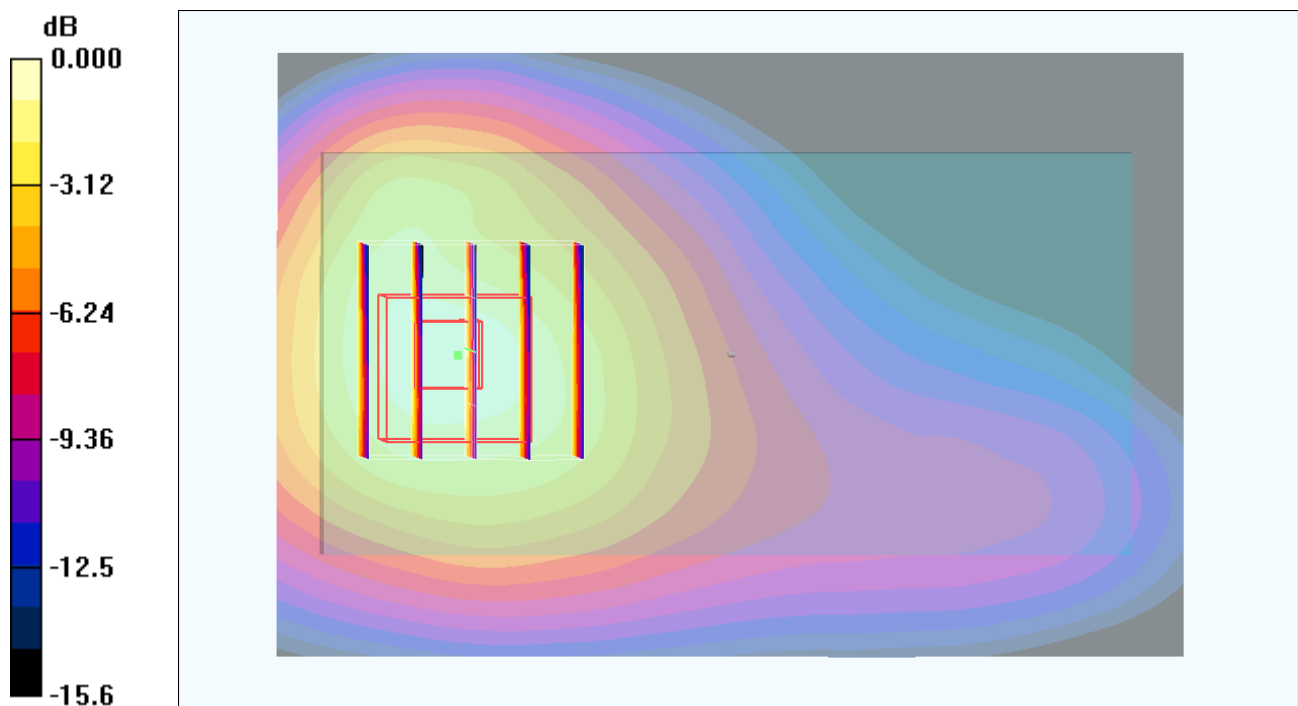
**Ch875/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.3 V/m; Power Drift = 0.144 dB

Peak SAR (extrapolated) = 1.90 W/kg

**SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.720 mW/g**

Maximum value of SAR (measured) = 1.29 mW/g



0 dB = 1.29mW/g



## #82 CDMA2000BC15\_RC3+SO32\_Back\_1cm\_Ch25\_Sample2\_Earphone2

**DUT: 221711**

Communication System: CDMA ; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120222 Medium parameters used :  $f = 1711.25$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.67, 7.67, 7.67); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch25/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.950 mW/g

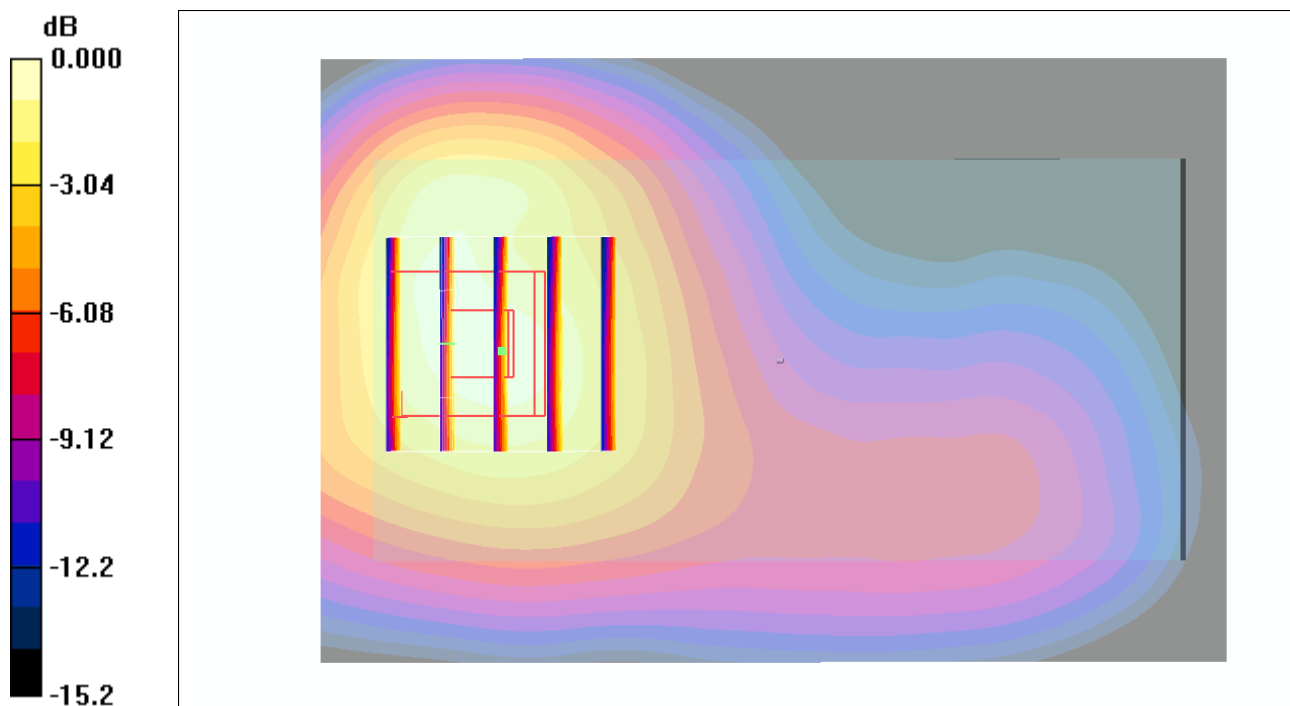
**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.56 V/m; Power Drift = 0.021 dB

Peak SAR (extrapolated) = 1.51 W/kg

**SAR(1 g) = 0.919 mW/g; SAR(10 g) = 0.547 mW/g**

Maximum value of SAR (measured) = 1.02 mW/g



0 dB = 1.02mW/g

## #83 CDMA2000BC15\_RC3+SO32\_Back\_1cm\_Ch425\_Sample2\_Earphone2

**DUT: 221711**

Communication System: CDMA ; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120222 Medium parameters used :  $f = 1731.25$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 51.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.67, 7.67, 7.67); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch425/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.972 mW/g

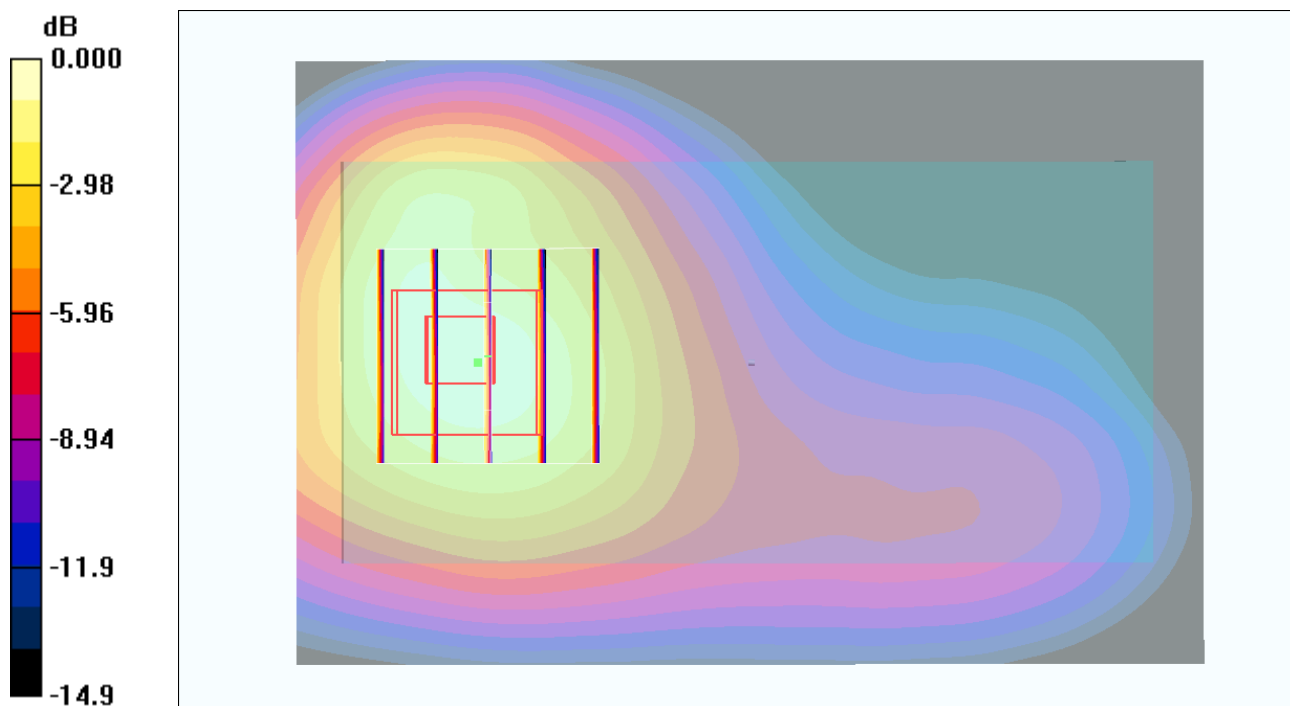
**Ch425/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.94 V/m; Power Drift = -0.137 dB

Peak SAR (extrapolated) = 1.42 W/kg

**SAR(1 g) = 0.899 mW/g; SAR(10 g) = 0.545 mW/g**

Maximum value of SAR (measured) = 0.982 mW/g



0 dB = 0.982mW/g

### #01 CDMA2000 BC1\_RTAP153.6\_Front\_1cm\_Ch1175\_Sample1

**DUT: 221711**

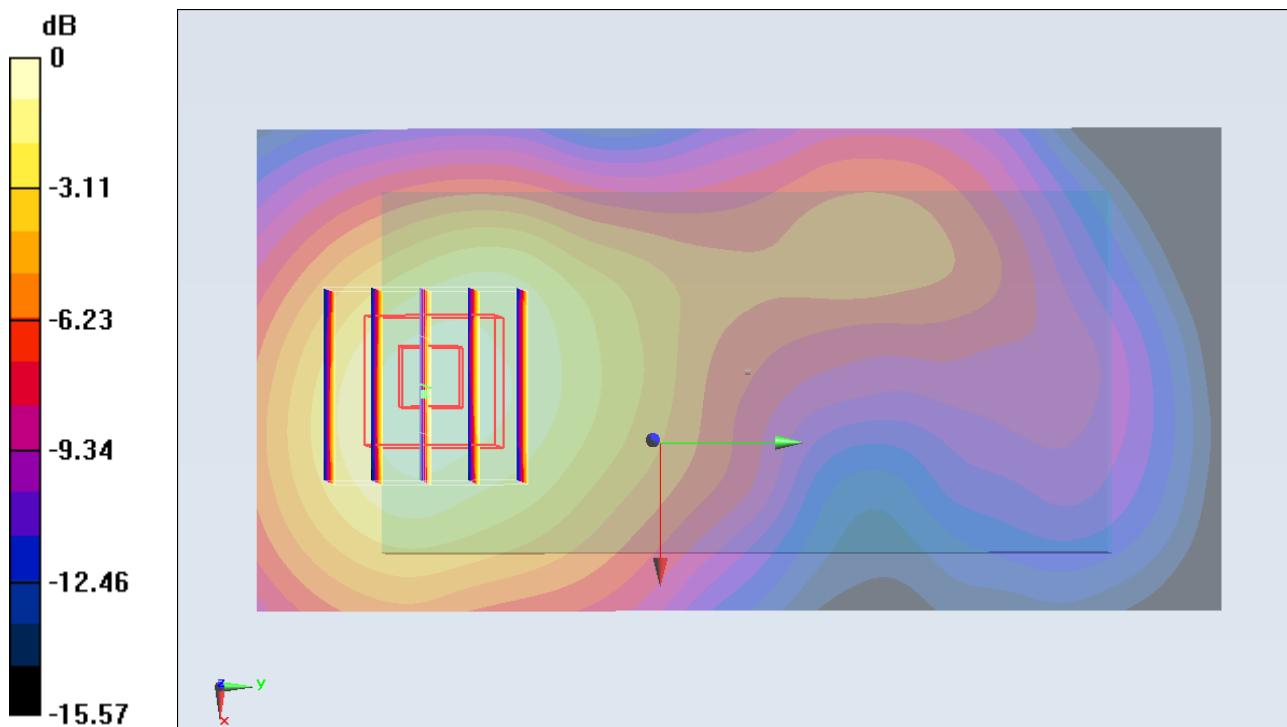
Communication System: CDMA ; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_120209 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.527$  mho/m;  $\epsilon_r = 53.136$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch1175/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.449 mW/g

**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 8.482 V/m; Power Drift = 0.0072 dB  
Peak SAR (extrapolated) = 0.8120  
**SAR(1 g) = 0.451 mW/g; SAR(10 g) = 0.272 mW/g**  
Maximum value of SAR (measured) = 0.484 mW/g



0 dB = 0.480mW/g = -6.38 dB mW/g

## #02 CDMA2000 BC1\_RTAP153.6\_Back\_1cm\_Ch1175\_Sample1

**DUT: 221711**

Communication System: CDMA ; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120209 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.527$  mho/m;  $\epsilon_r =$

$53.136$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch1175/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.242 mW/g

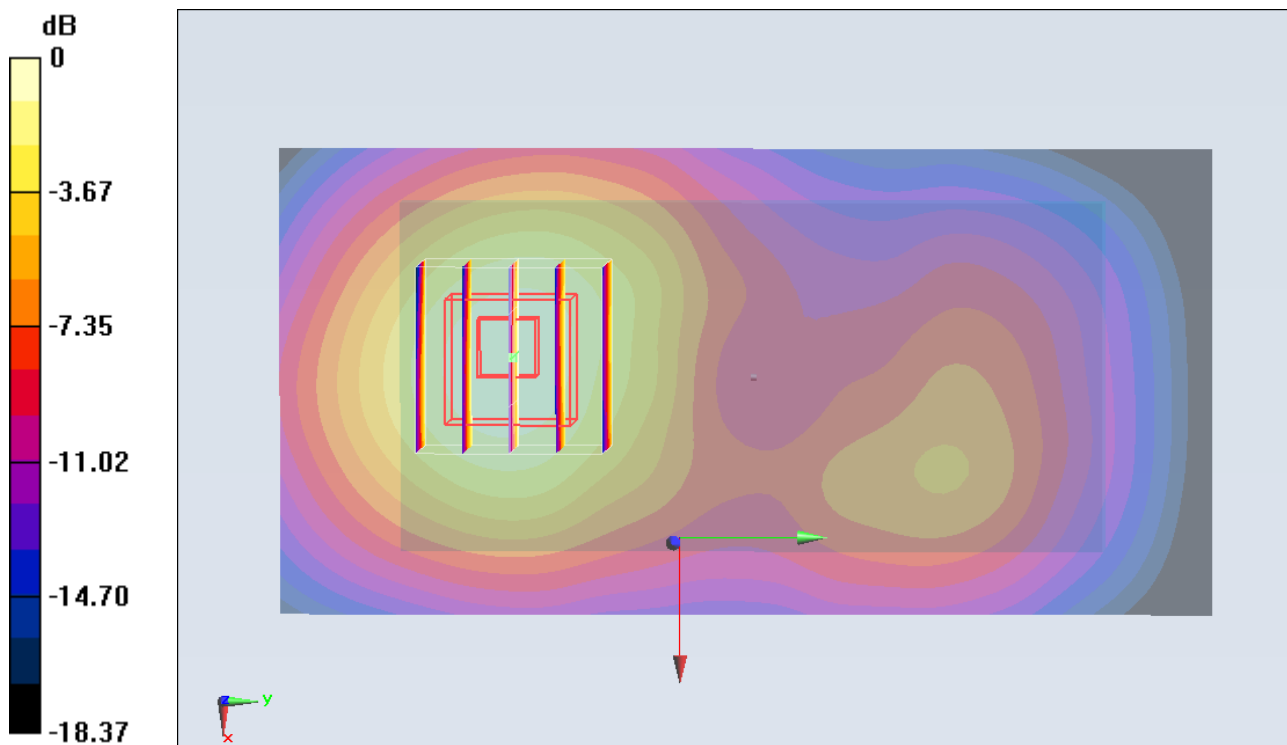
**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.474 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.0520

**SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.668 mW/g**

Maximum value of SAR (measured) = 1.257 mW/g



0 dB = 1.260mW/g = 2.01 dB mW/g

## #03 CDMA2000 BC1\_RTAP153.6\_Left Side\_1cm\_Ch1175\_Sample1

**DUT: 221711**

Communication System: CDMA ; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120209 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.527$  mho/m;  $\epsilon_r =$

53.136;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch1175/Area Scan (31x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.104 mW/g

**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.324 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.1690

**SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.056 mW/g**

Maximum value of SAR (measured) = 0.106 mW/g

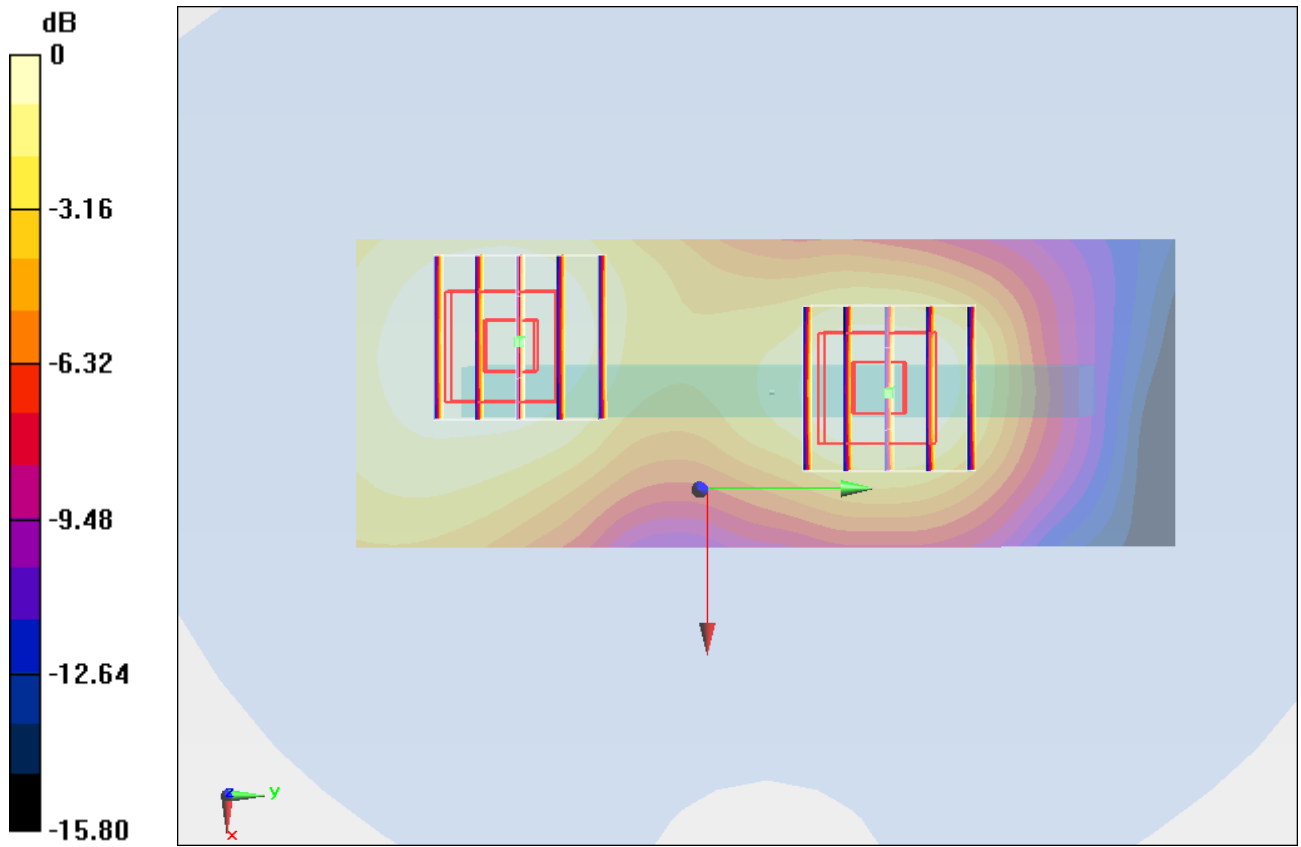
**Ch1175/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.324 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.1320

**SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.054 mW/g**

Maximum value of SAR (measured) = 0.092 mW/g



0 dB = 0.090mW/g = -20.92 dB mW/g

### #04 CDMA2000 BC1\_RTAP153.6\_Right Side\_1cm\_Ch1175\_Sample1

**DUT: 221711**

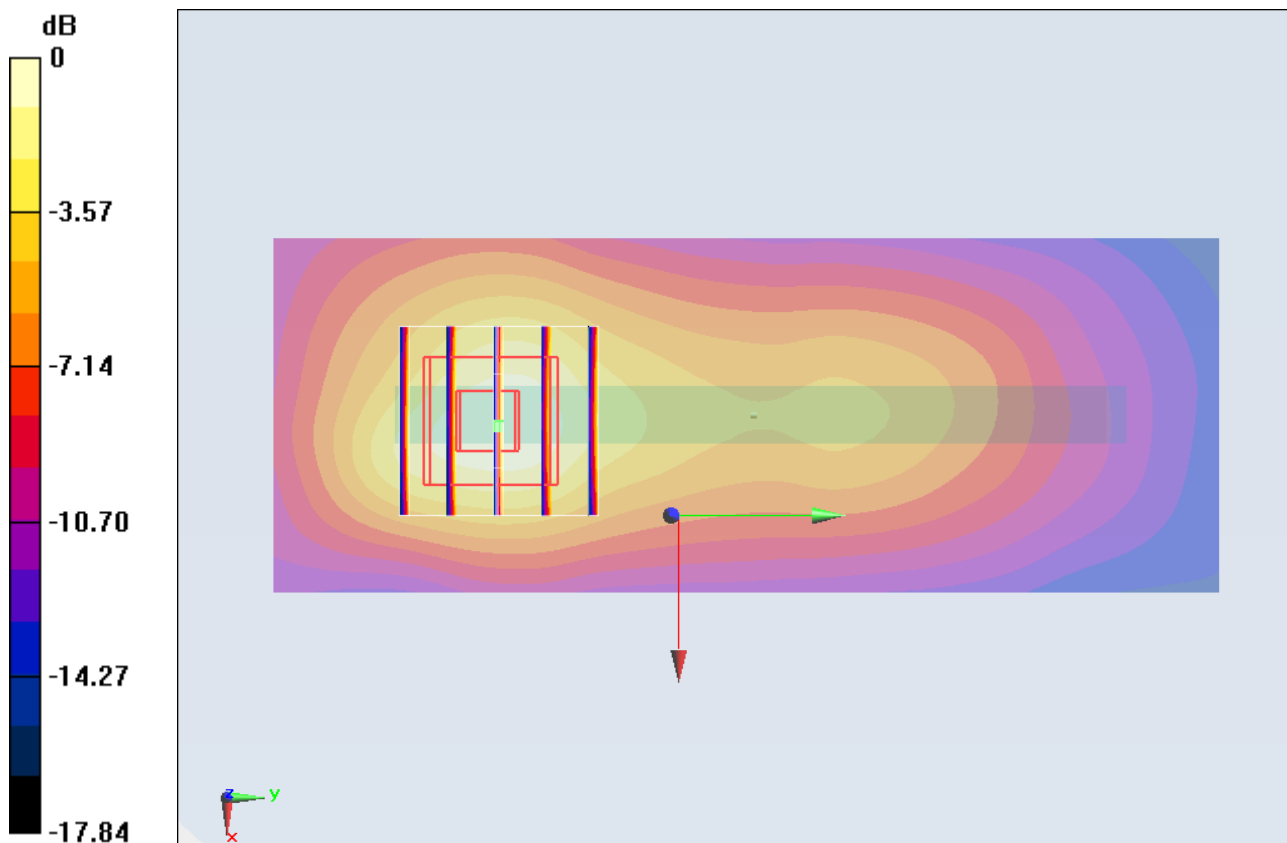
Communication System: CDMA ; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_120209 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.527$  mho/m;  $\epsilon_r = 53.136$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch1175/Area Scan (31x81x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.268 mW/g

**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 8.777 V/m; Power Drift = 0.13 dB  
Peak SAR (extrapolated) = 0.4660  
**SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.137 mW/g**  
Maximum value of SAR (measured) = 0.273 mW/g



0 dB = 0.270mW/g = -11.37 dB mW/g

### #06 CDMA2000 BC1\_RTAP153.6\_Bottom Side\_1cm\_Ch1175\_Sample1

**DUT: 221711**

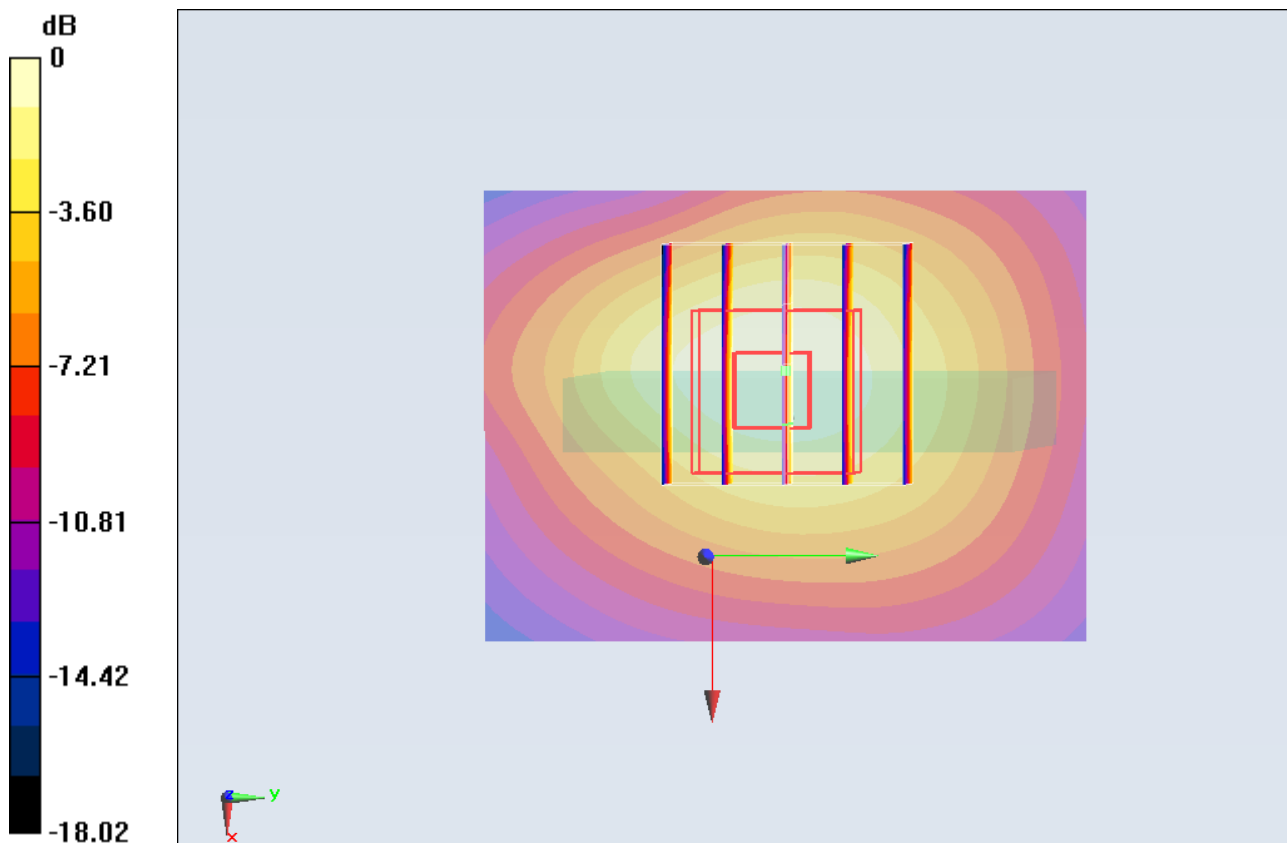
Communication System: CDMA ; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_120209 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.527$  mho/m;  $\epsilon_r = 53.136$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch1175/Area Scan (31x41x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.729 mW/g

**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 23.513 V/m; Power Drift = -0.12 dB  
Peak SAR (extrapolated) = 1.1230  
**SAR(1 g) = 0.653 mW/g; SAR(10 g) = 0.363 mW/g**  
Maximum value of SAR (measured) = 0.684 mW/g



0 dB = 0.680mW/g = -3.35 dB mW/g



### #07 CDMA2000 BC1\_RTAP153.6\_Back\_1cm\_Ch25\_Sample1

**DUT: 221711**

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

Medium: MSL\_1900\_120209 Medium parameters used :  $f = 1851.25$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r =$

$53.268$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch25/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.194 mW/g

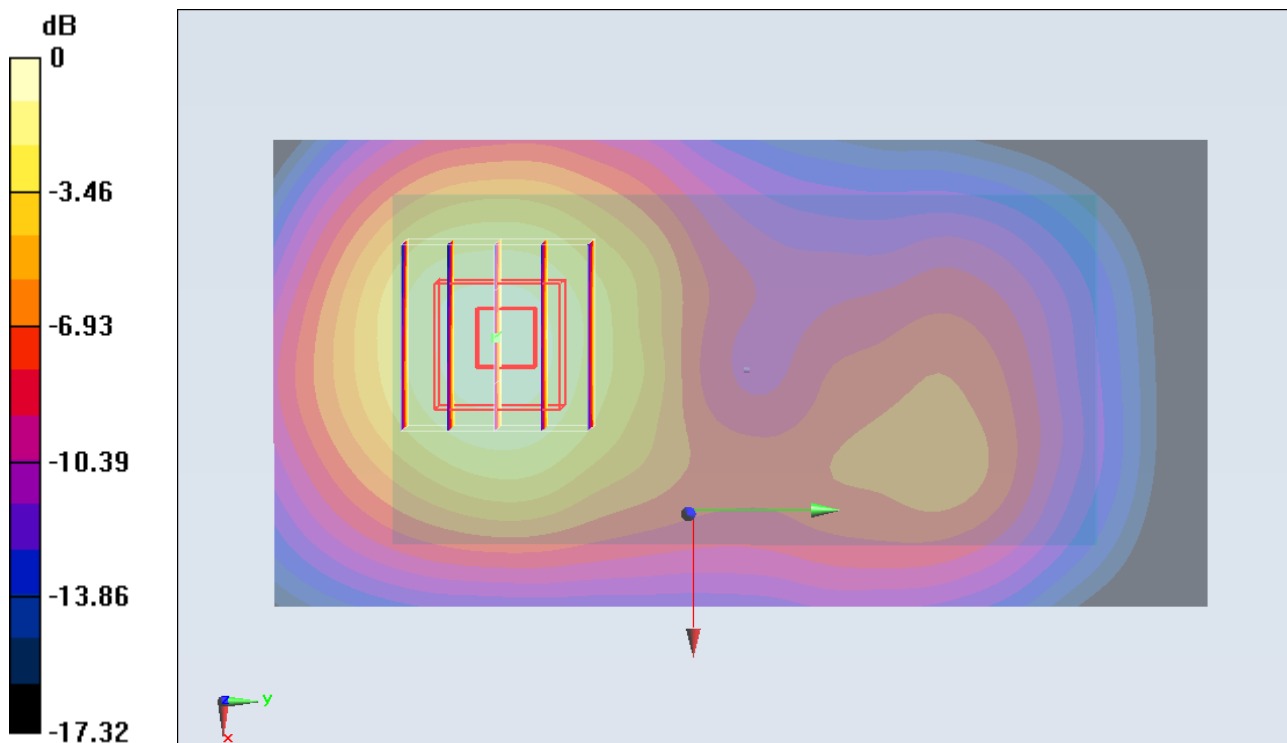
**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.803 V/m; Power Drift = -0.167 dB

Peak SAR (extrapolated) = 1.8150

**SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.693 mW/g**

Maximum value of SAR (measured) = 1.289 mW/g



0 dB = 1.290mW/g = 2.21 dB mW/g

### #08 CDMA2000 BC1\_RTAP153.6\_Back\_1cm\_Ch600\_Sample1

**DUT: 221711**

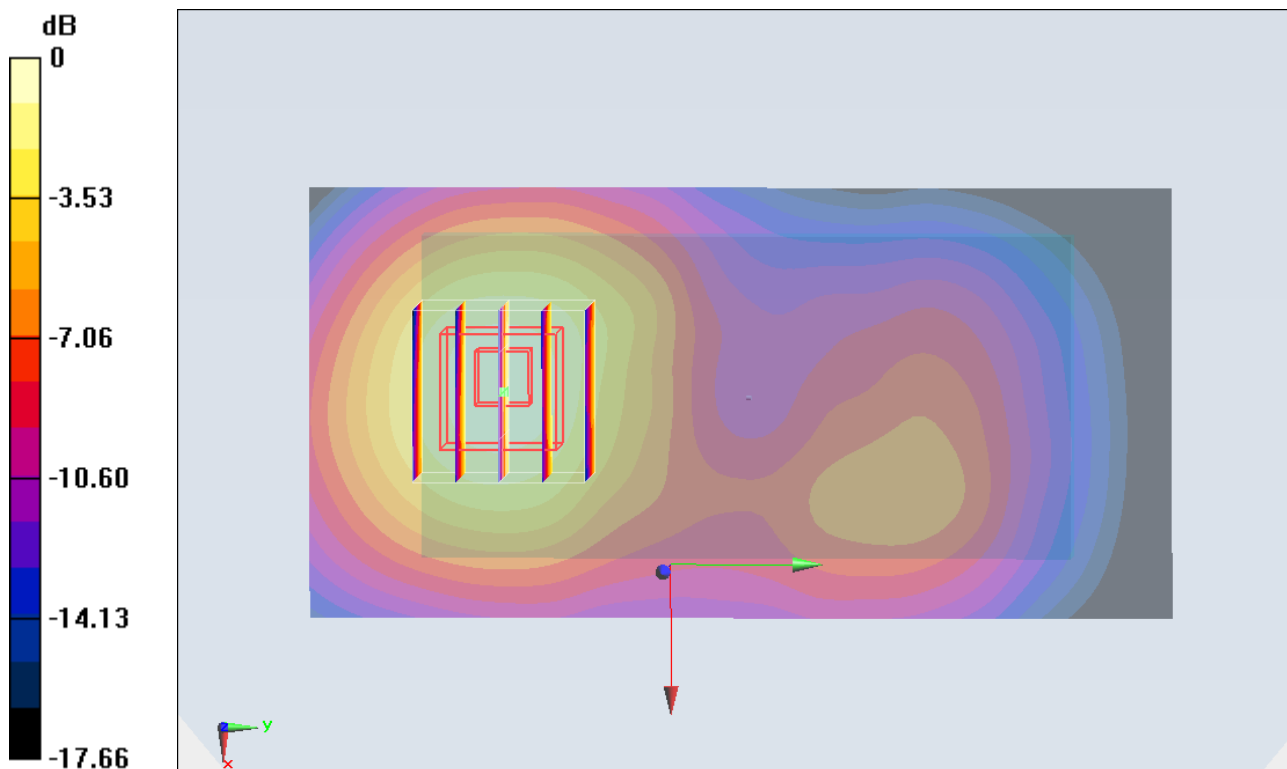
Communication System: CDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1  
Medium: MSL\_1900\_120209 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.493$  mho/m;  $\epsilon_r = 53.147$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch600/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 1.209 mW/g

**Ch600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 9.945 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 1.9760  
**SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.670 mW/g**  
Maximum value of SAR (measured) = 1.259 mW/g



0 dB = 1.260mW/g = 2.01 dB mW/g

## #84 CDMA2000 BC1\_RTAP153.6\_Back\_1cm\_Ch25\_Sample2

**DUT: 221711**

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

Medium: MSL\_1900\_120222 Medium parameters used :  $f = 1851.25$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 53.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.25, 7.25, 7.25); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch25/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.19 mW/g

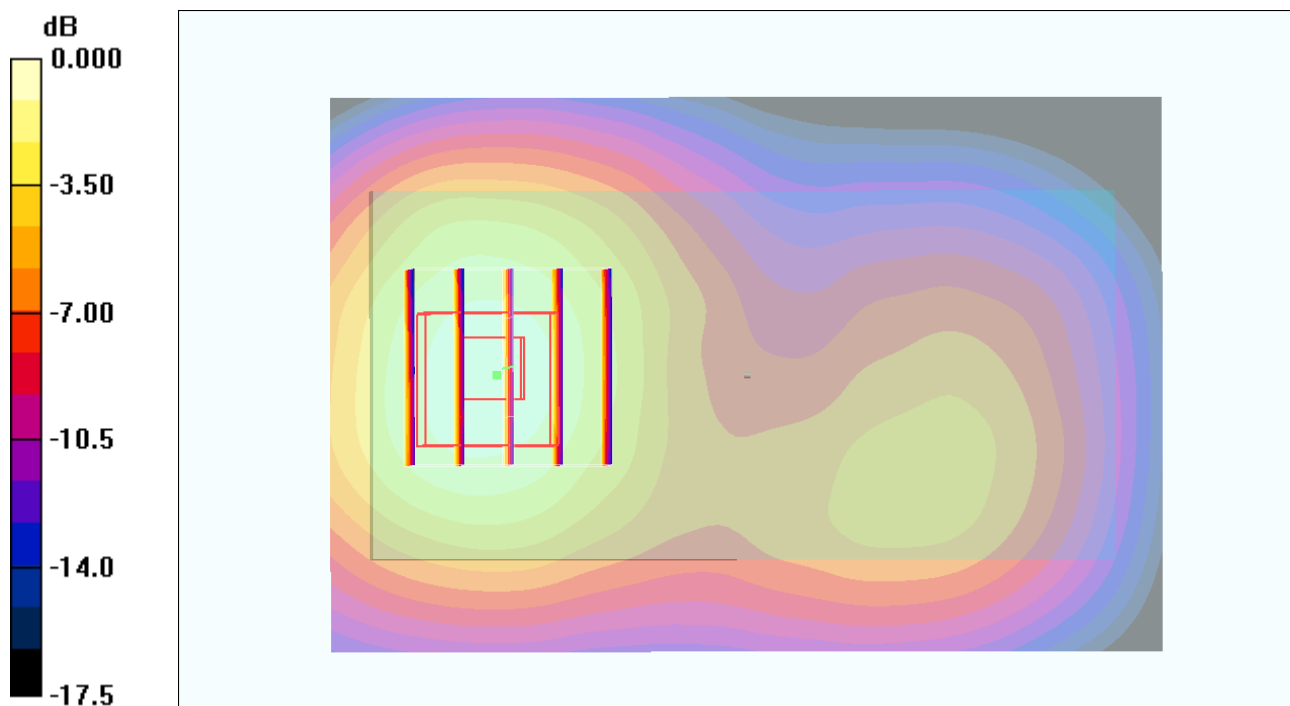
**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.6 V/m; Power Drift = -0.110 dB

Peak SAR (extrapolated) = 1.79 W/kg

**SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.663 mW/g**

Maximum value of SAR (measured) = 1.21 mW/g



0 dB = 1.21mW/g

## #85 CDMA2000 BC1\_RTAP153.6\_Back\_1cm\_Ch600\_Sample2

**DUT: 221711**

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

Medium: MSL\_1900\_120222 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 53.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.25, 7.25, 7.25); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch600/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.20 mW/g

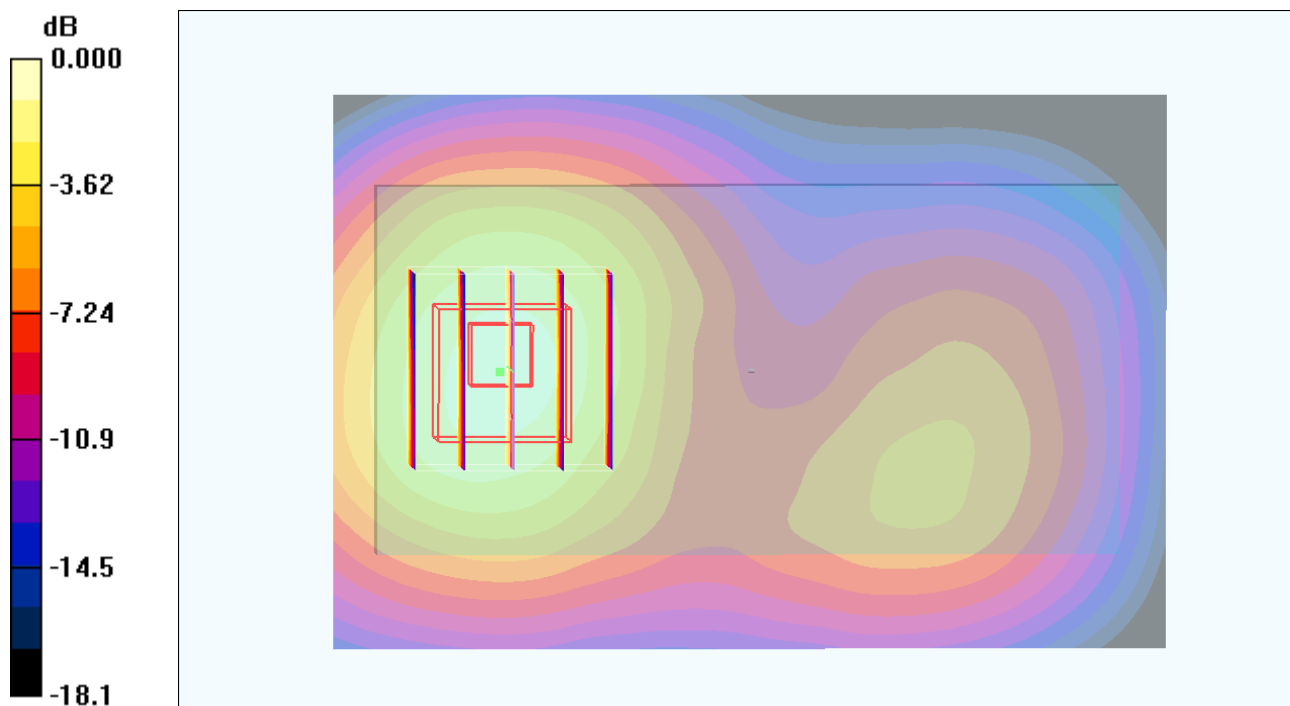
**Ch600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.4 V/m; Power Drift = 0.173 dB

Peak SAR (extrapolated) = 1.85 W/kg

**SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.670 mW/g**

Maximum value of SAR (measured) = 1.29 mW/g



0 dB = 1.29mW/g

## #86 CDMA2000 BC1\_RTAP153.6\_Back\_1cm\_Ch1175\_Sample2

**DUT: 221711**

Communication System: CDMA ; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120222 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 53.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.25, 7.25, 7.25); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1175/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.17 mW/g

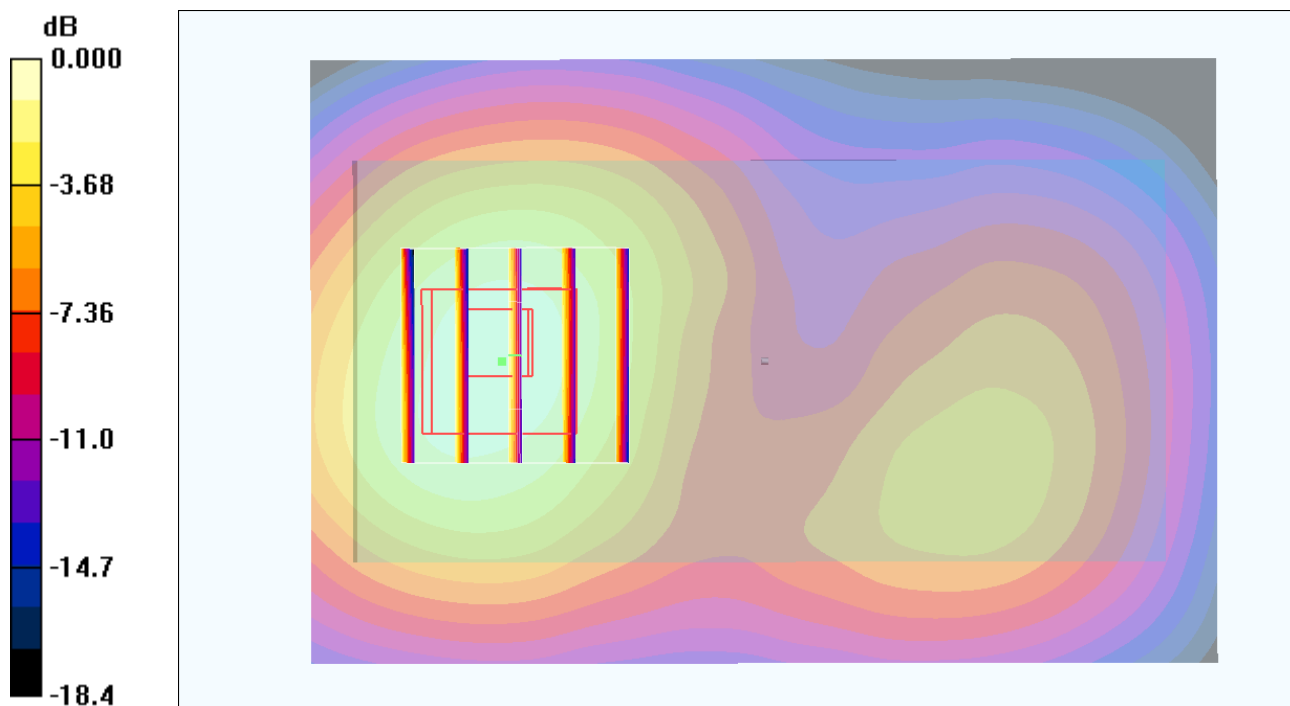
**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.43 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 1.68 W/kg

**SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.611 mW/g**

Maximum value of SAR (measured) = 1.17 mW/g



0 dB = 1.17mW/g

### #09 CDMA2000 BC1\_RC3+SO32\_Front\_1cm\_Ch1175\_Sample1\_Earphone1

**DUT: 221711**

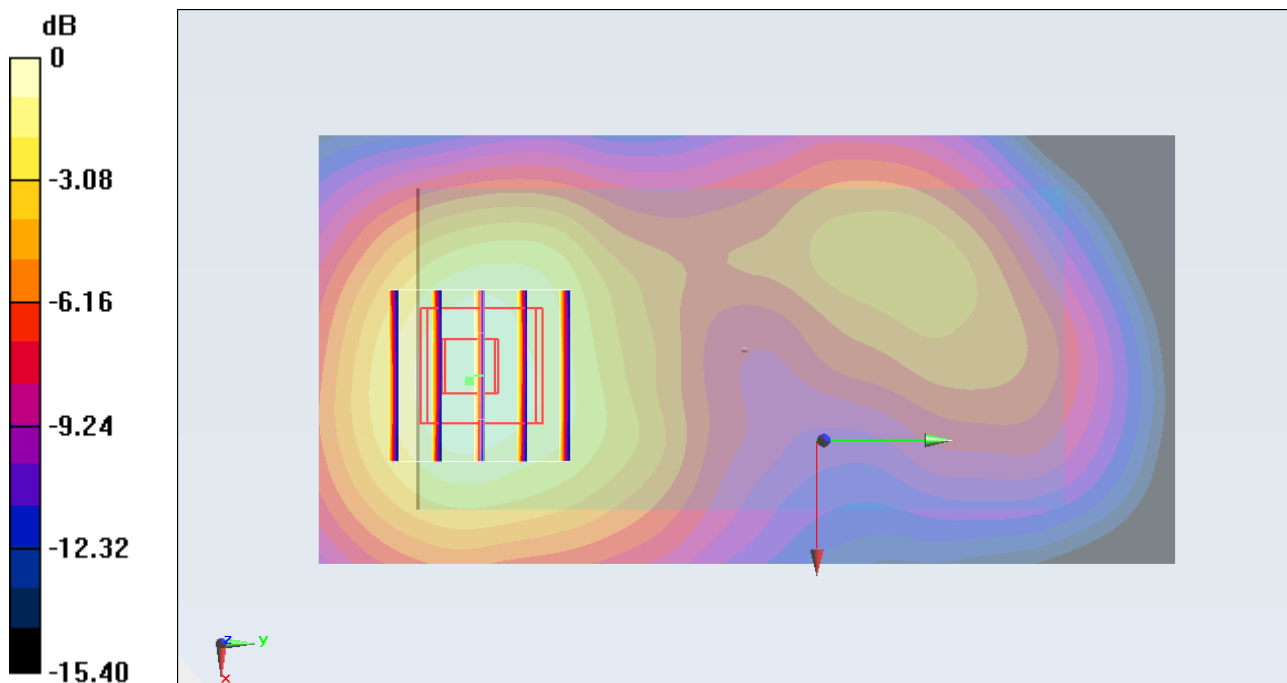
Communication System: CDMA ; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_120209 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.527$  mho/m;  $\epsilon_r = 53.136$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch1175/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.401 mW/g

**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 6.814 V/m; Power Drift = -0.13 dB  
Peak SAR (extrapolated) = 0.6270  
**SAR(1 g) = 0.367 mW/g; SAR(10 g) = 0.224 mW/g**  
Maximum value of SAR (measured) = 0.396 mW/g



0 dB = 0.400mW/g = -7.96 dB mW/g

### #10 CDMA2000 BC1\_RC3+SO32\_Back\_1cm\_Ch1175\_Sample1\_Earphone1

**DUT: 221711**

Communication System: CDMA ; Frequency: 1908.75 MHz;Duty Cycle: 1:1

Medium: MSL\_1900\_120209 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.527$  mho/m;  $\epsilon_r =$

$53.136$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch1175/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.208 mW/g

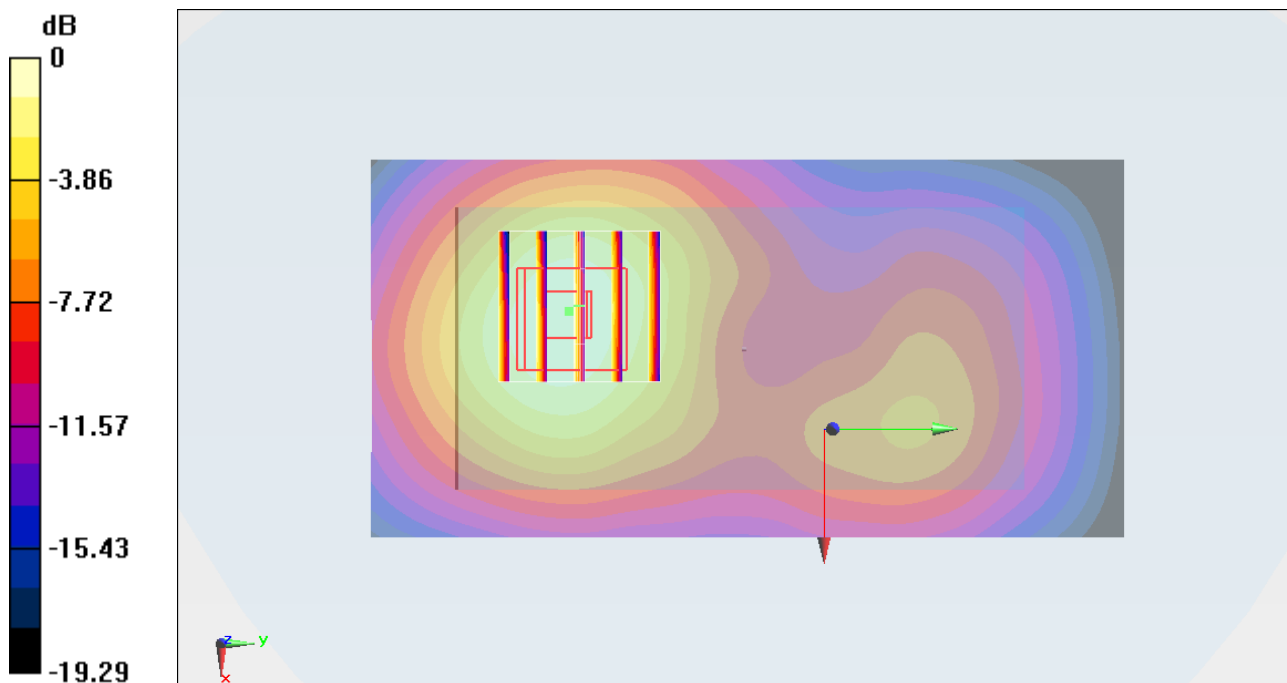
**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.505 V/m; Power Drift = -0.0024 dB

Peak SAR (extrapolated) = 1.9780

**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.652 mW/g**

Maximum value of SAR (measured) = 1.221 mW/g



0 dB = 1.220mW/g = 1.73 dB mW/g

# #11 CDMA2000 BC1\_RC3+SO32\_Back\_1cm\_Ch25\_Sample1\_Earphone1

**DUT: 221711**

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

Medium: MSL\_1900\_120209 Medium parameters used :  $f = 1851.25$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r =$

$53.268$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch25/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.274 mW/g

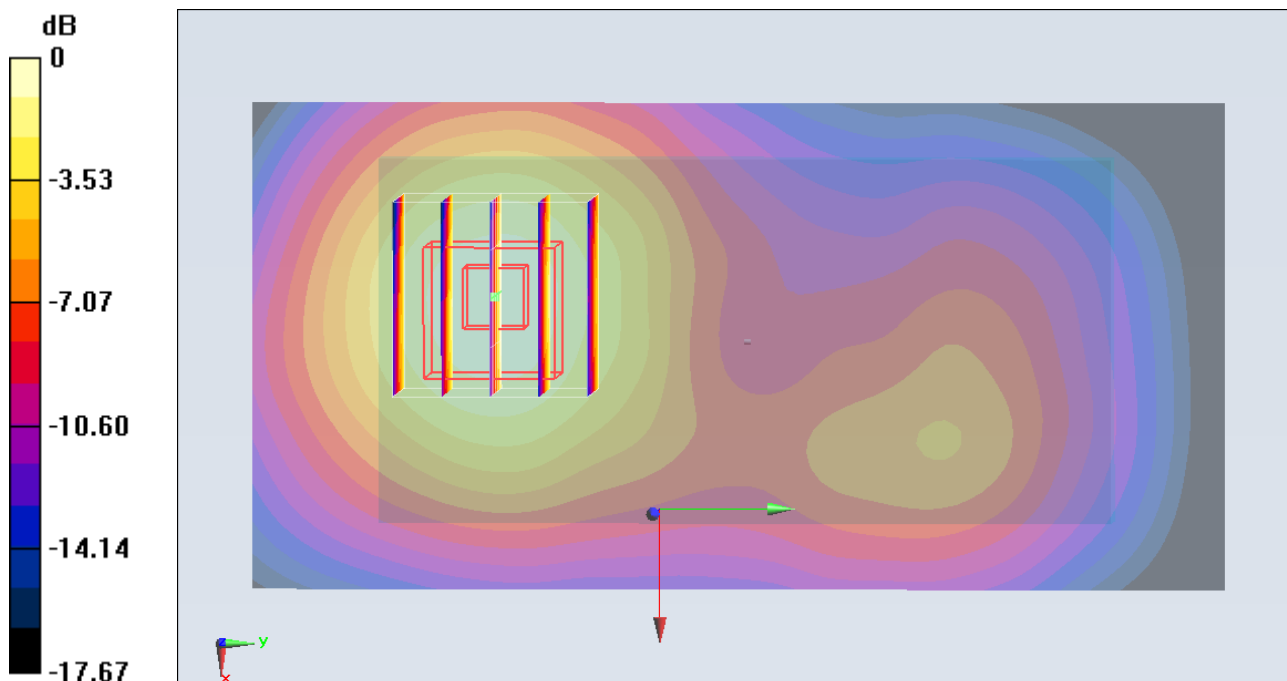
**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.884 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.8390

**SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.707 mW/g**

Maximum value of SAR (measured) = 1.314 mW/g



0 dB = 1.310mW/g = 2.35 dB mW/g



## #12 CDMA2000 BC1\_RC3+SO32\_Back\_1cm\_Ch600\_Sample1\_Earphone1

**DUT: 221711**

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

Medium: MSL\_1900\_120209 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.493$  mho/m;  $\epsilon_r =$

$53.147$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch600/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.305 mW/g

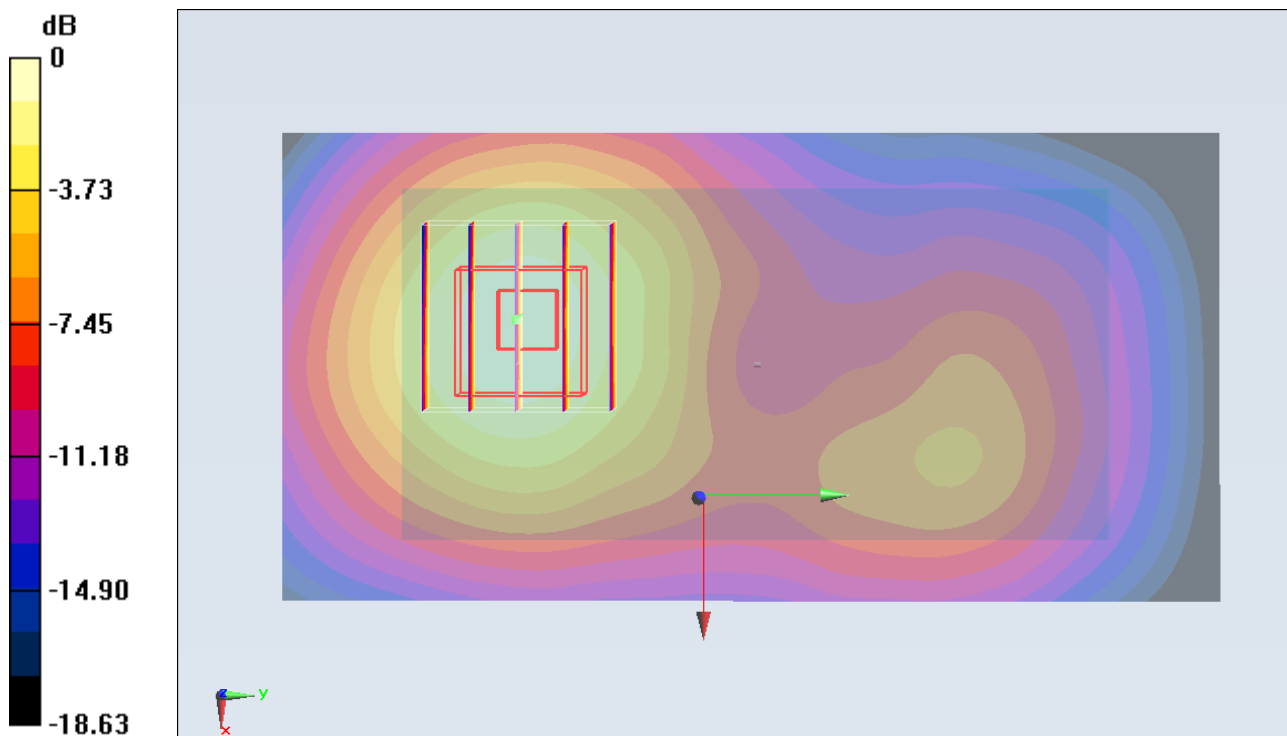
**Ch600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.467 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.9360

**SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.712 mW/g**

Maximum value of SAR (measured) = 1.336 mW/g



0 dB = 1.340mW/g = 2.54 dB mW/g

## #12 CDMA2000 BC1\_RC3+SO32\_Back\_1cm\_Ch600\_Sample1\_Earphone1\_2D

**DUT: 221711**

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

Medium: MSL\_1900\_120209 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.493$  mho/m;  $\epsilon_r =$

$53.147$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch600/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.305 mW/g

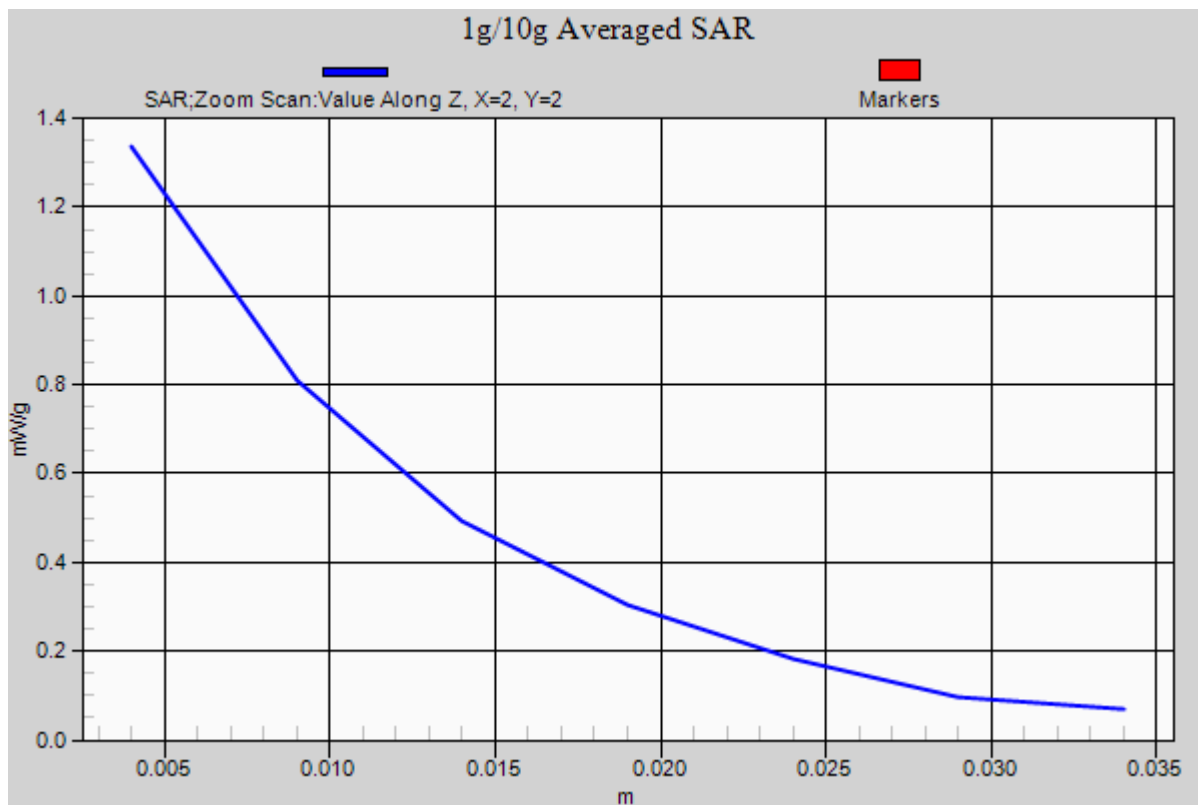
**Ch600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.467 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.9360

**SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.712 mW/g**

Maximum value of SAR (measured) = 1.336 mW/g



## #87 CDMA2000 BC1\_RC3+SO32\_Back\_1cm\_Ch600\_Sample2\_Earphone2

**DUT: 221711**

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

Medium: MSL\_1900\_120222 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 53.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.25, 7.25, 7.25); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch600/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.08 mW/g

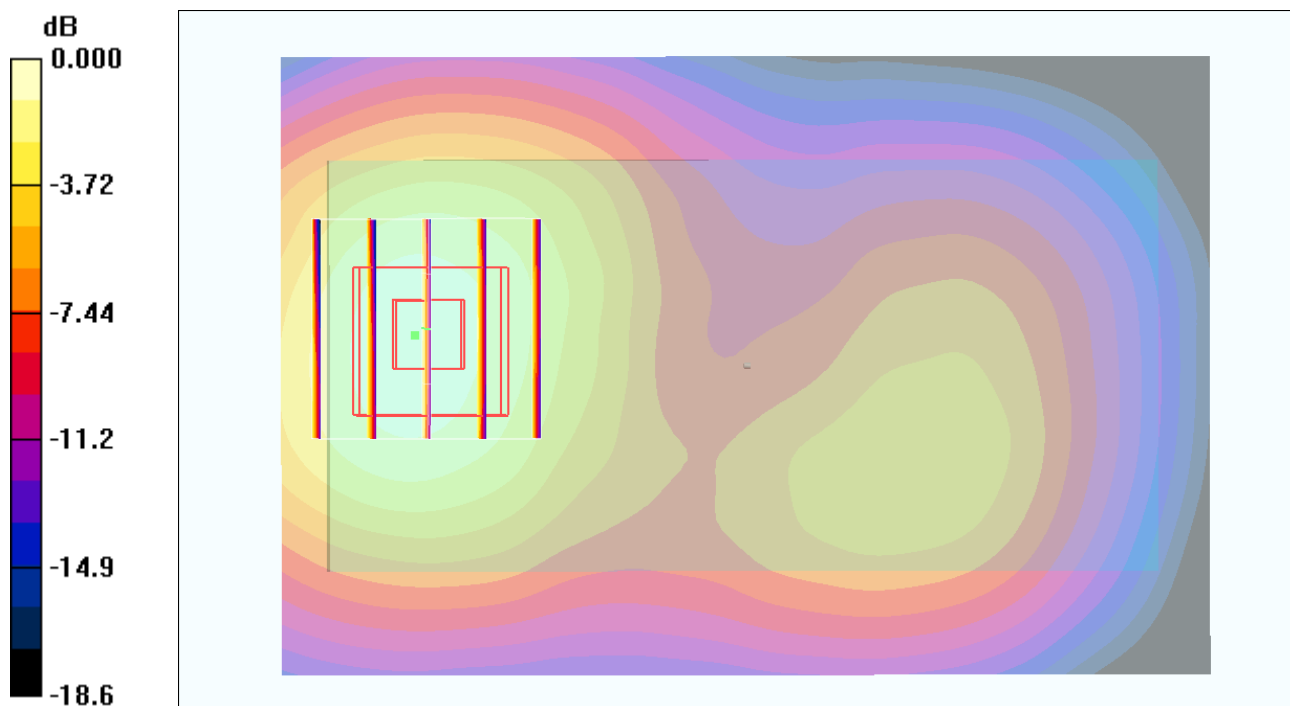
**Ch600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.4 V/m; Power Drift = 0.007 dB

Peak SAR (extrapolated) = 1.78 W/kg

**SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.626 mW/g**

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



0 dB = 1.18mW/g

## #88 CDMA2000 BC1\_RC3+SO32\_Back\_1cm\_Ch25\_Sample2\_Earphone2

**DUT: 221711**

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

Medium: MSL\_1900\_120222 Medium parameters used:  $f = 1851.25$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 53.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.25, 7.25, 7.25); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch25/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

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

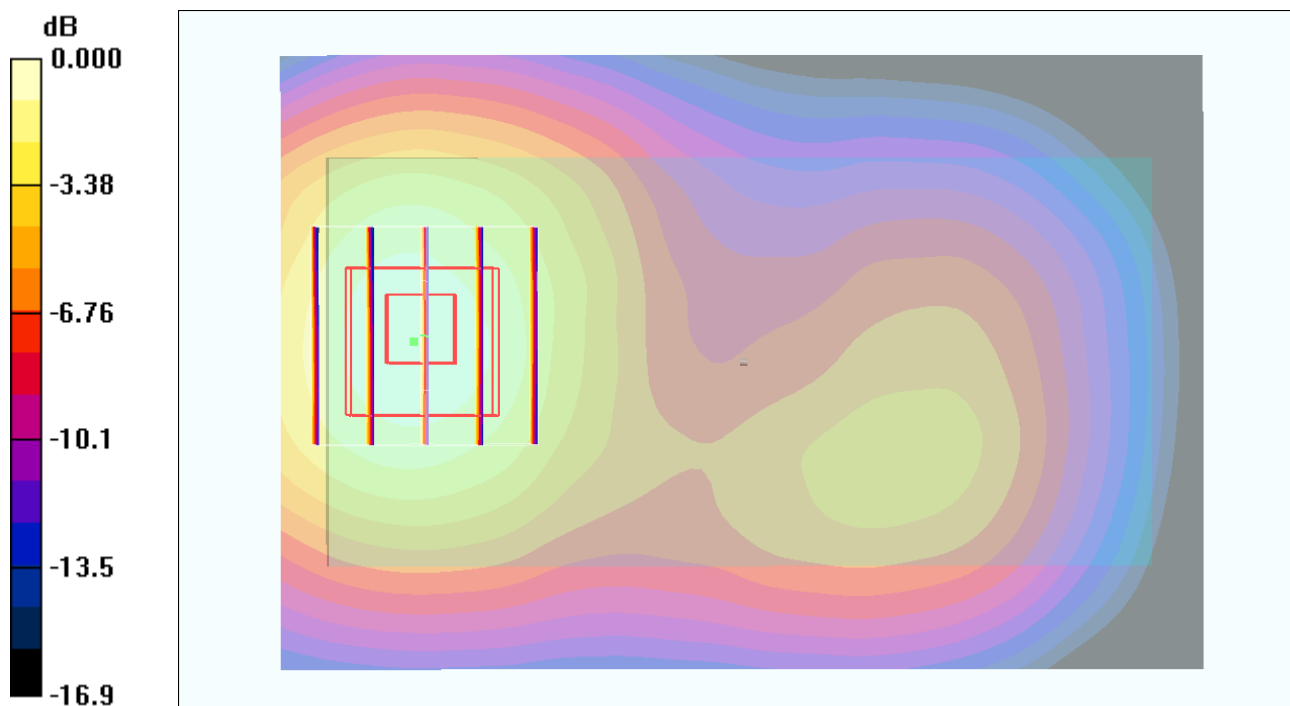
**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.7 V/m; Power Drift = 0.066 dB

Peak SAR (extrapolated) = 1.83 W/kg

**SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.671 mW/g**

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



0 dB = 1.24mW/g

## #89 CDMA2000 BC1\_RC3+SO32\_Back\_1cm\_Ch1175\_Sample2\_Earphone2

**DUT: 221711**

Communication System: CDMA ; Frequency: 1908.75 MHz;Duty Cycle: 1:1

Medium: MSL\_1900\_120222 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 53.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.25, 7.25, 7.25); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1175/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

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

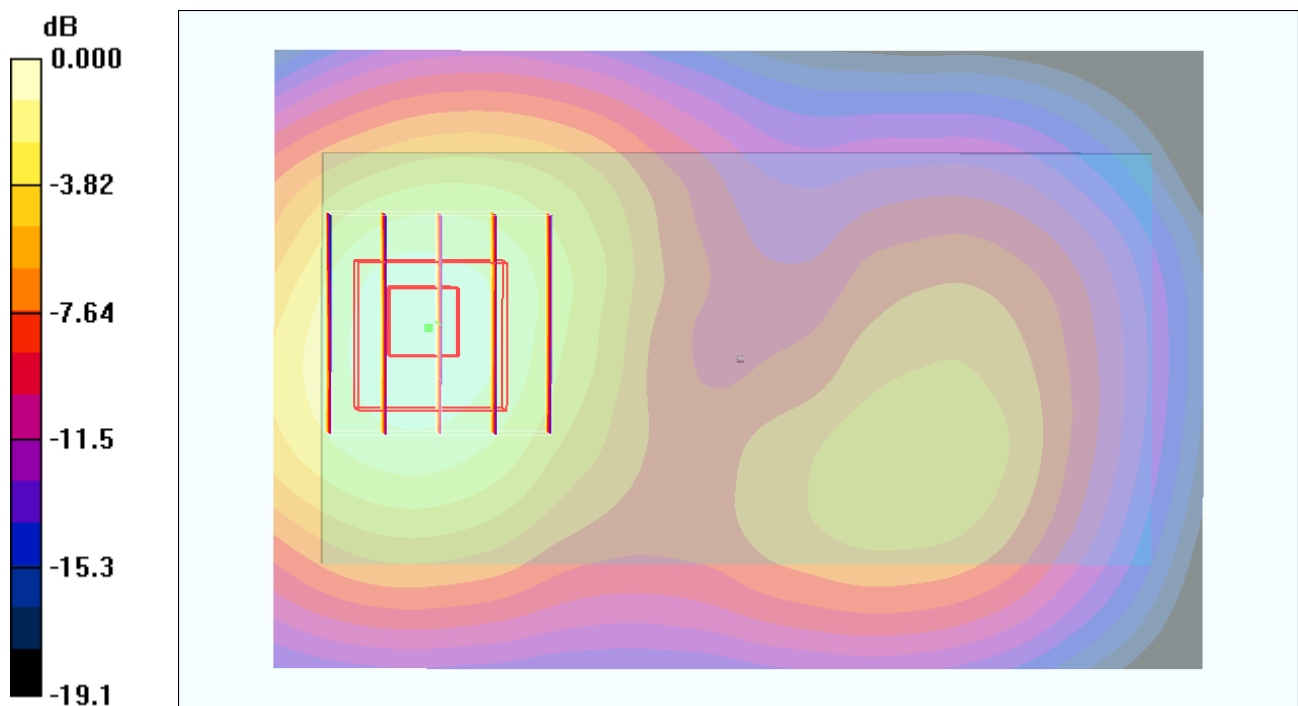
**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.41 V/m; Power Drift = 0.114 dB

Peak SAR (extrapolated) = 1.90 W/kg

**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.644 mW/g**

Maximum value of SAR (measured) = 1.23 mW/g



0 dB = 1.23mW/g

## #62 802.11b\_Front\_1cm\_Ch11\_Sample1

**DUT: 221711**

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120214 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.04$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(6.82, 6.82, 6.82); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch11/Area Scan (61x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.060 mW/g

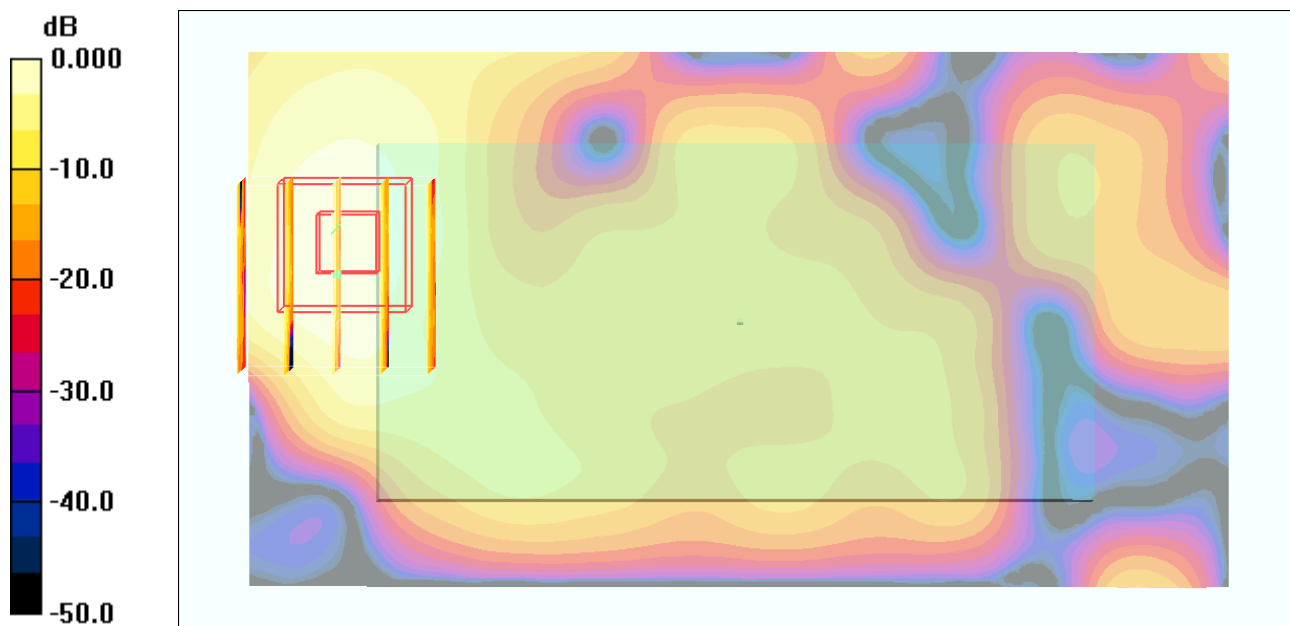
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.23 V/m; Power Drift = 0.196 dB

Peak SAR (extrapolated) = 0.108 W/kg

**SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.025 mW/g**

Maximum value of SAR (measured) = 0.057 mW/g



0 dB = 0.057mW/g

### #63 802.11b\_Back\_1cm\_Ch11\_Sample1

**DUT: 221711**

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_120214 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.04$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(6.82, 6.82, 6.82); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch11/Area Scan (61x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.130 mW/g

**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.11 V/m; Power Drift = -0.127 dB

Peak SAR (extrapolated) = 0.304 W/kg

**SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.064 mW/g**

Maximum value of SAR (measured) = 0.139 mW/g

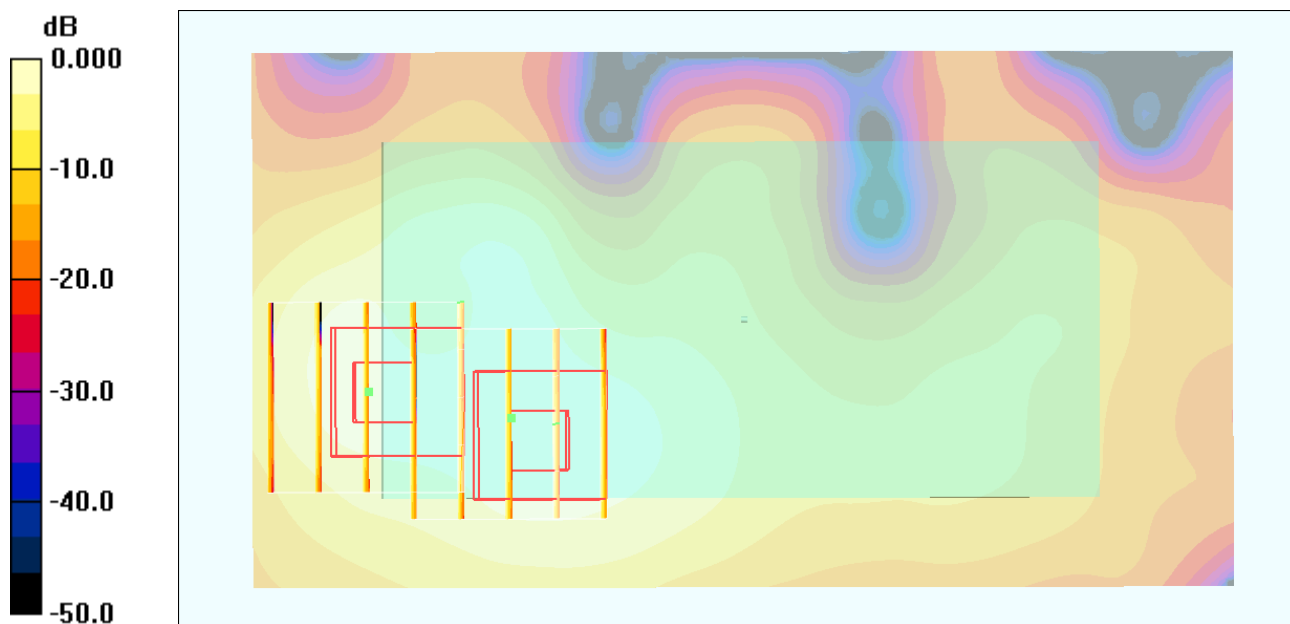
**Ch11/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.11 V/m; Power Drift = -0.127 dB

Peak SAR (extrapolated) = 0.284 W/kg

**SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.059 mW/g**

Maximum value of SAR (measured) = 0.141 mW/g



## #64 802.11b\_Left Side\_1cm\_Ch11\_Sample1

**DUT: 221711**

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_120214 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.04$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(6.82, 6.82, 6.82); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch11/Area Scan (31x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.039 mW/g

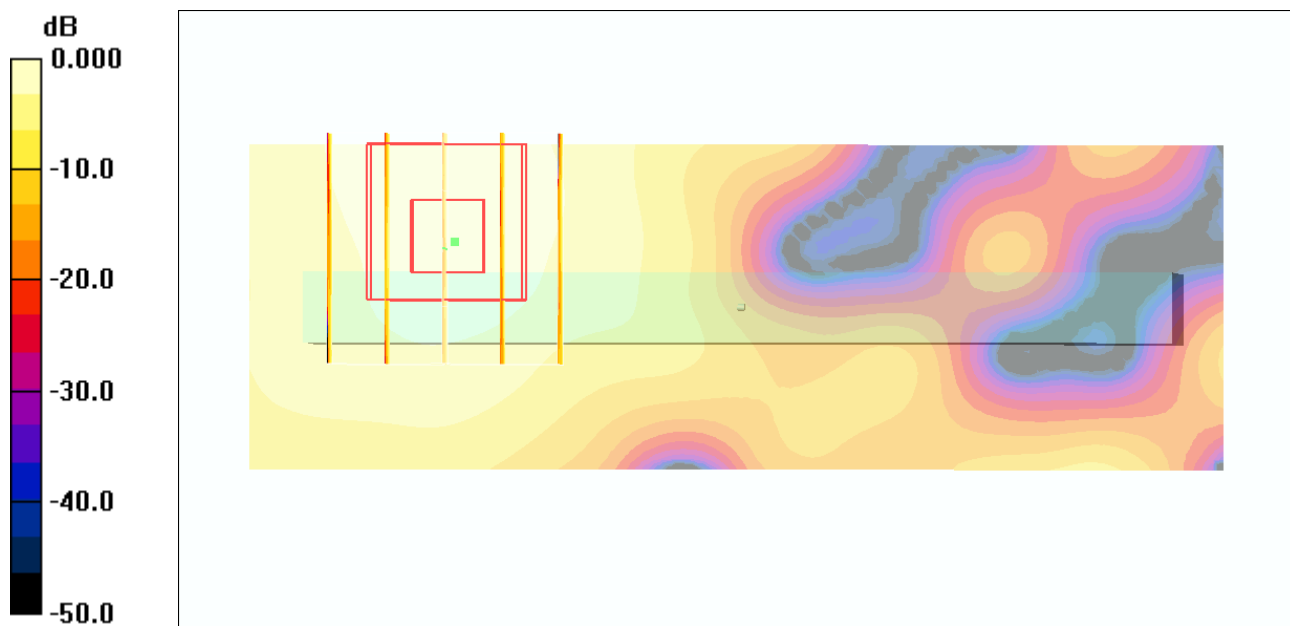
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.33 V/m; Power Drift = -0.123 dB

Peak SAR (extrapolated) = 0.078 W/kg

**SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.018 mW/g**

Maximum value of SAR (measured) = 0.041 mW/g



0 dB = 0.041mW/g



## #67 802.11b\_Bottom Side\_1cm\_Ch11\_Sample1

**DUT: 221711**

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120214 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.04$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(6.82, 6.82, 6.82); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch11/Area Scan (31x51x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.395 mW/g

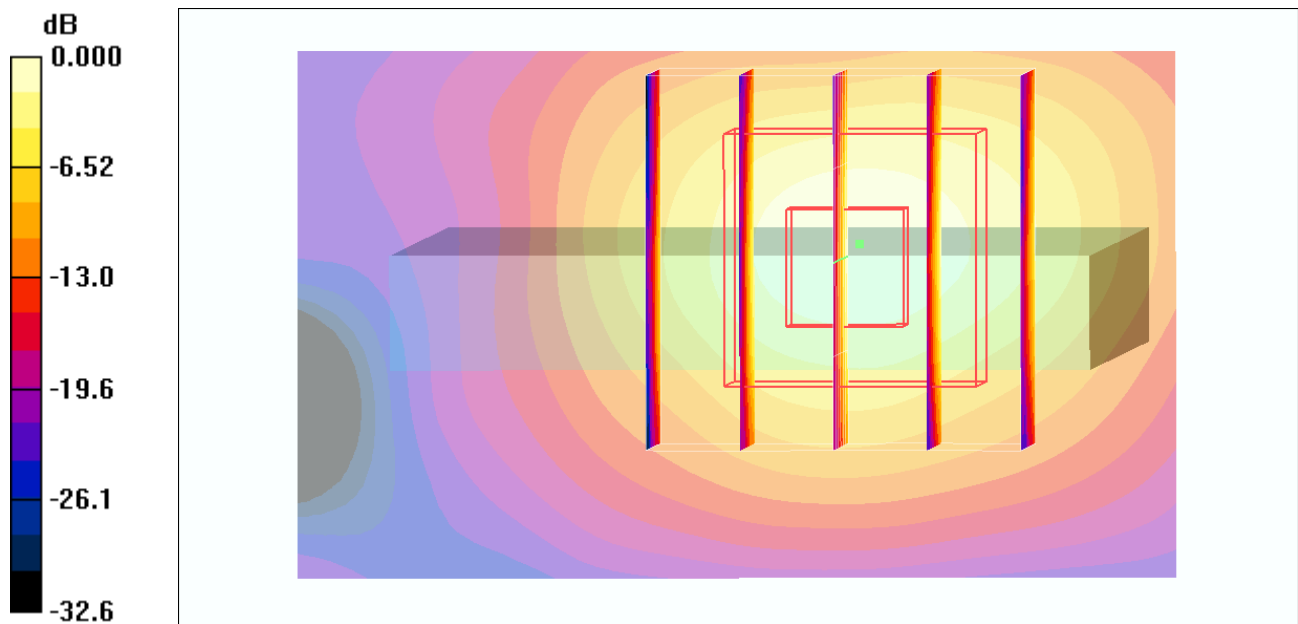
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = 0.171 dB

Peak SAR (extrapolated) = 0.764 W/kg

**SAR(1 g) = 0.334 mW/g; SAR(10 g) = 0.133 mW/g**

Maximum value of SAR (measured) = 0.393 mW/g



0 dB = 0.393mW/g

### #67 802.11b\_Bottom Side\_1cm\_Ch11\_Sample1\_2D

**DUT: 221711**

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120214 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.04$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(6.82, 6.82, 6.82); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch11/Area Scan (31x51x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.395 mW/g

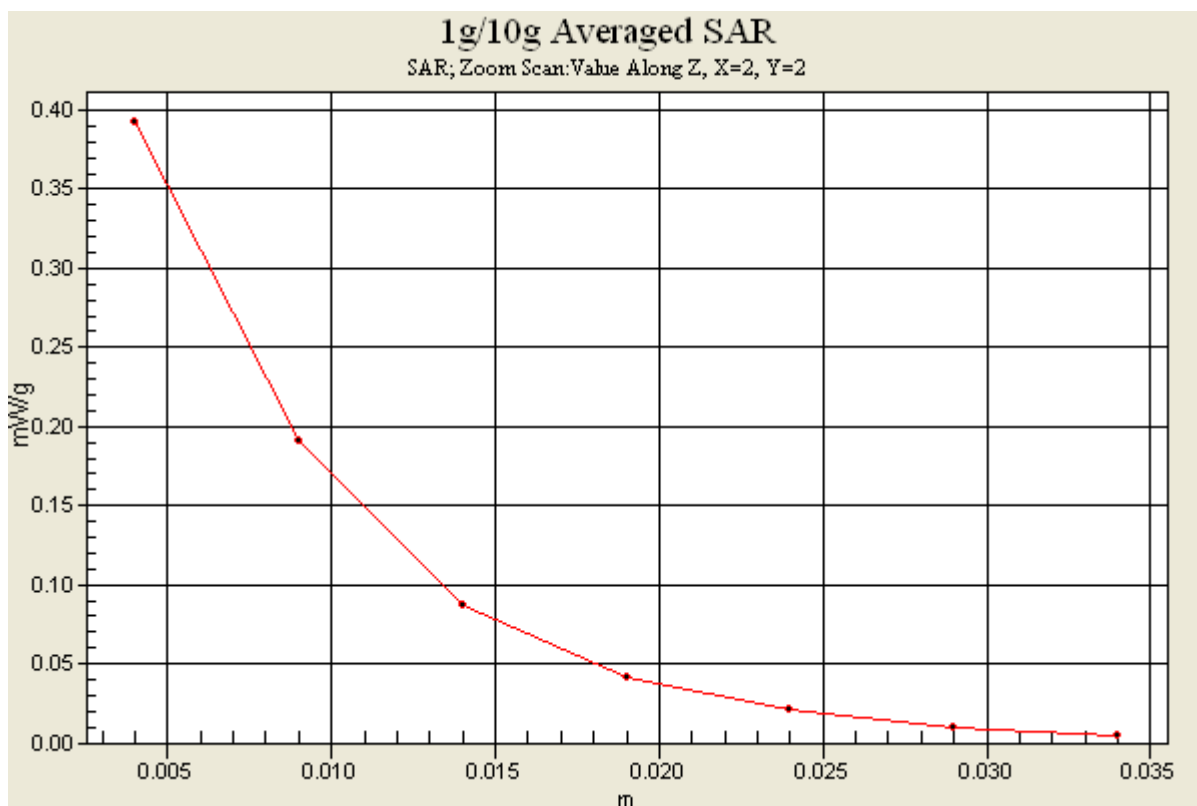
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = 0.171 dB

Peak SAR (extrapolated) = 0.764 W/kg

**SAR(1 g) = 0.334 mW/g; SAR(10 g) = 0.133 mW/g**

Maximum value of SAR (measured) = 0.393 mW/g



## #97 802.11b\_Bottom Side\_1cm\_Ch11\_Sample2

**DUT: 221711**

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120222 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.03$  mho/m;  $\epsilon_r = 53.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(6.82, 6.82, 6.82); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch11/Area Scan (31x51x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.208 mW/g

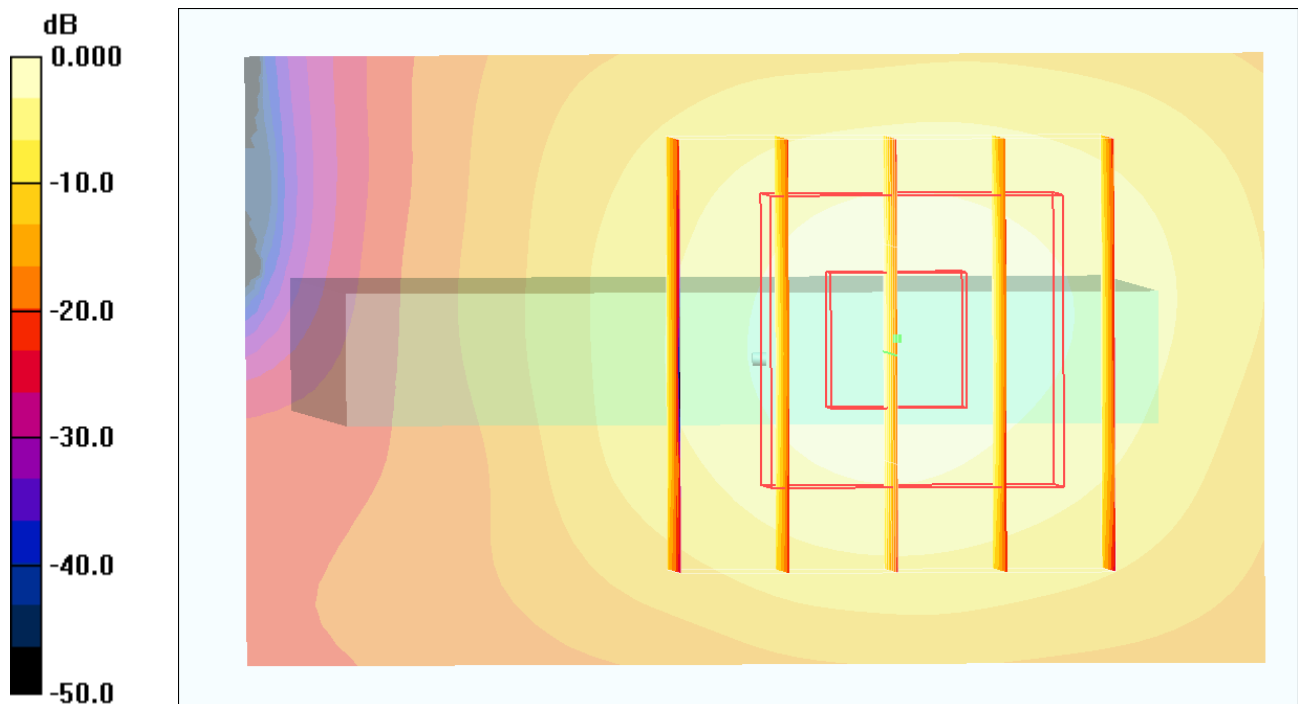
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.08 V/m; Power Drift = 0.138 dB

Peak SAR (extrapolated) = 0.424 W/kg

**SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.081 mW/g**

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



0 dB = 0.225mW/g

## #62 802.11b\_Front\_1cm\_Ch11\_Sample1\_Earphone1

**DUT: 221711**

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_120214 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.04$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(6.82, 6.82, 6.82); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch11/Area Scan (61x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.060 mW/g

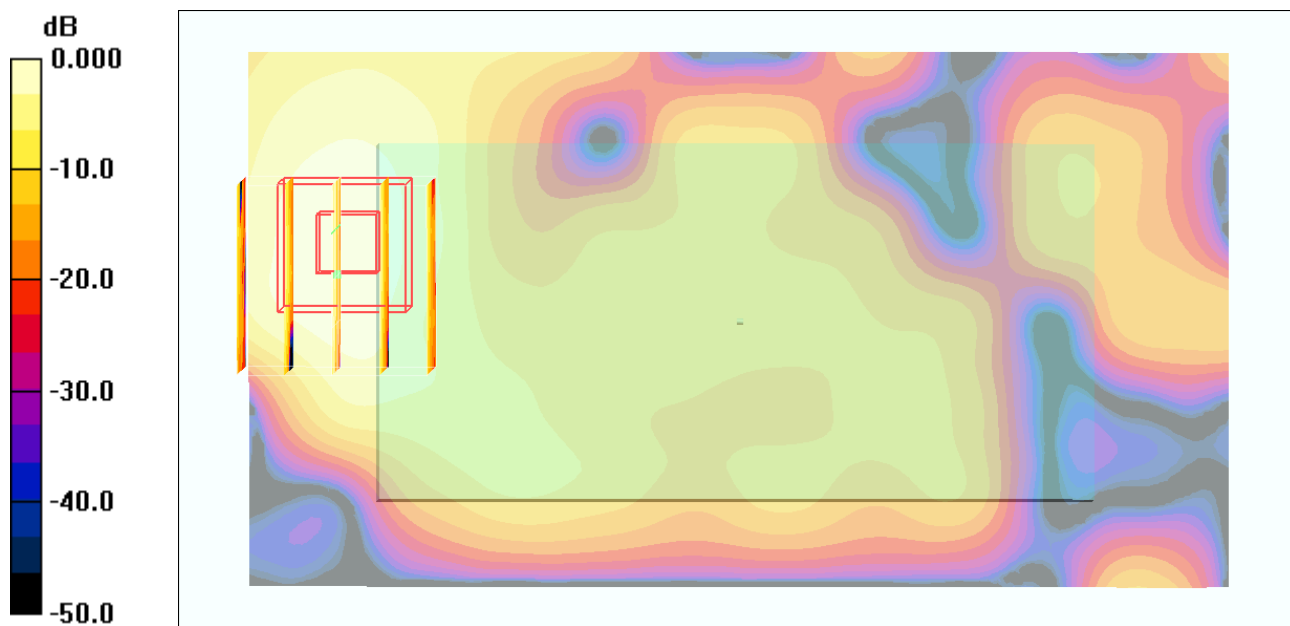
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.23 V/m; Power Drift = 0.196 dB

Peak SAR (extrapolated) = 0.108 W/kg

**SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.025 mW/g**

Maximum value of SAR (measured) = 0.057 mW/g



0 dB = 0.057mW/g

**#63 802.11b\_Back\_1cm\_Ch11\_Sample1\_Earphone1****DUT: 221711**

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120214 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.04$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(6.82, 6.82, 6.82); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch11/Area Scan (61x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.130 mW/g

**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.11 V/m; Power Drift = -0.127 dB

Peak SAR (extrapolated) = 0.304 W/kg

**SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.064 mW/g**

Maximum value of SAR (measured) = 0.139 mW/g

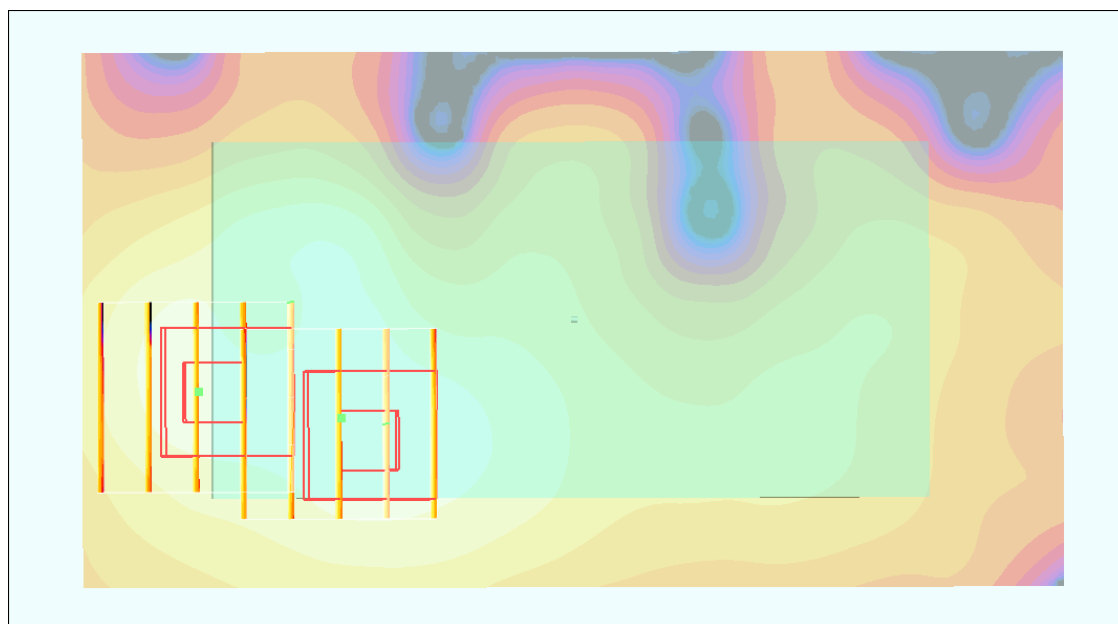
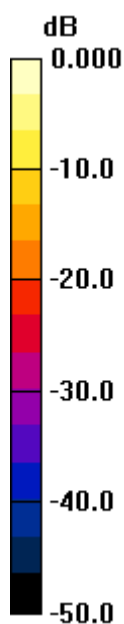
**Ch11/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.11 V/m; Power Drift = -0.127 dB

Peak SAR (extrapolated) = 0.284 W/kg

**SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.059 mW/g**

Maximum value of SAR (measured) = 0.141 mW/g



0 dB = 0.141mW/g

## #68 802.11b\_Back\_1cm\_Ch11\_Sample1\_Earphone1

**DUT: 221711**

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_120214 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.04$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(6.82, 6.82, 6.82); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch11/Area Scan (61x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.121 mW/g

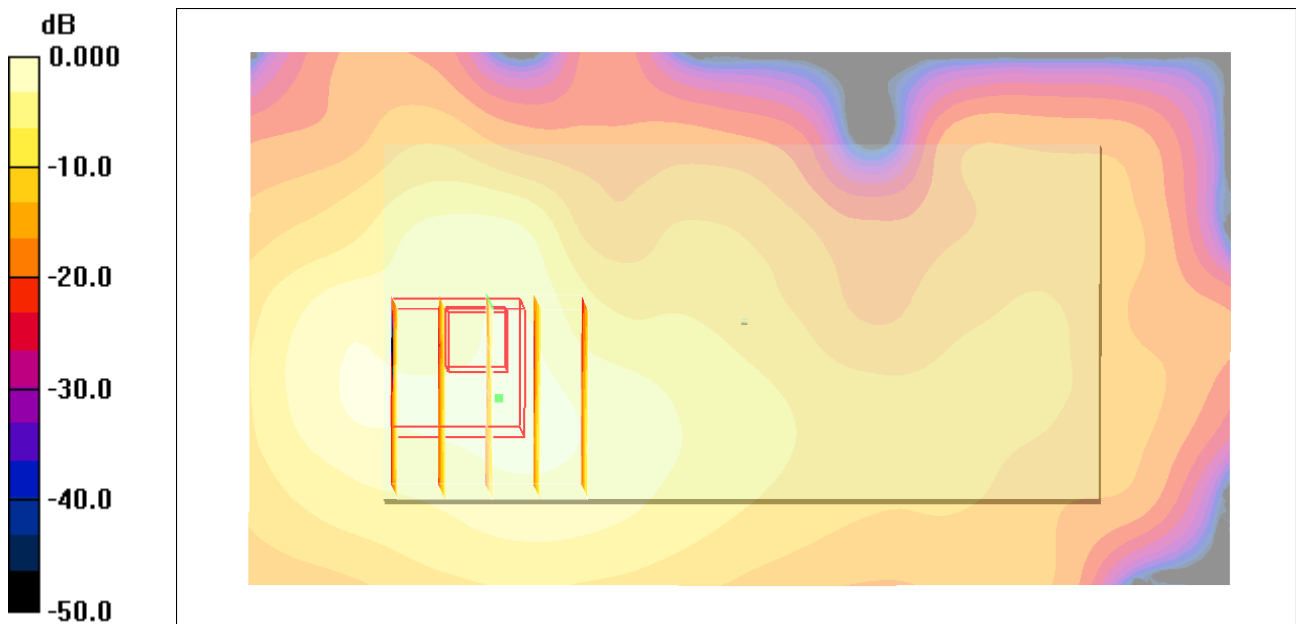
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.71 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.342 W/kg

**SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.059 mW/g**

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



0 dB = 0.203mW/g

## #92 802.11b\_Back\_1cm\_Ch11\_Sample2\_Earphone2

**DUT: 221711**

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120222 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.03$  mho/m;  $\epsilon_r = 53.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(6.82, 6.82, 6.82); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch11/Area Scan (61x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.164 mW/g

**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.03 V/m; Power Drift = -0.144 dB

Peak SAR (extrapolated) = 0.287 W/kg

**SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.066 mW/g**

Maximum value of SAR (measured) = 0.163 mW/g

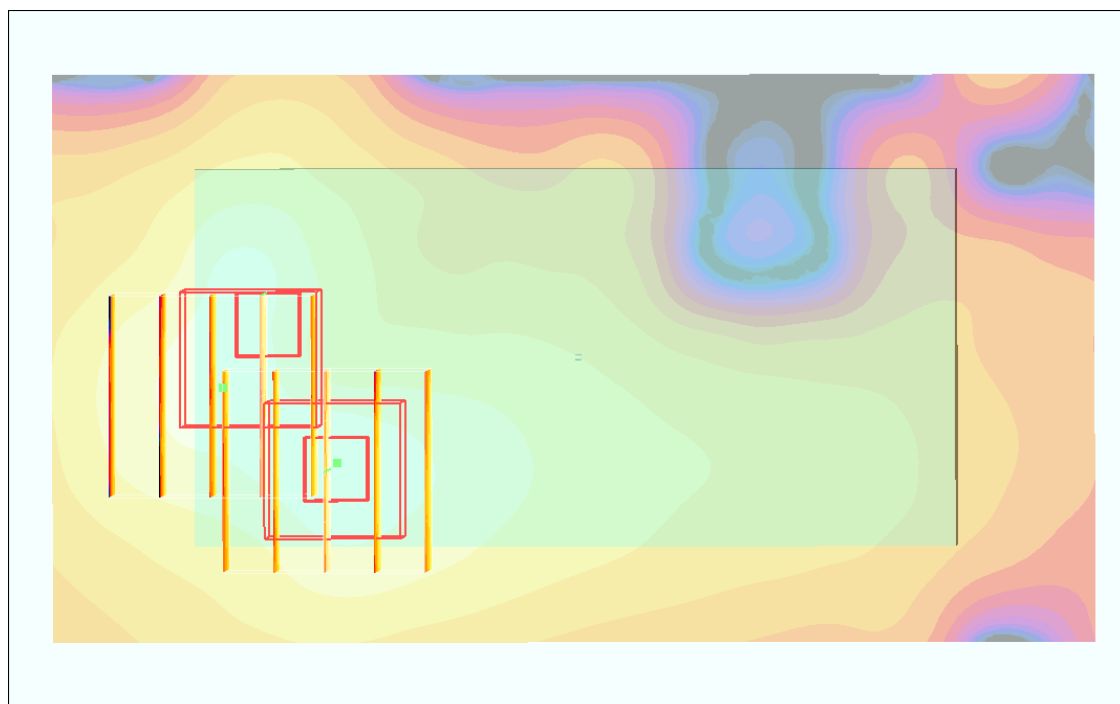
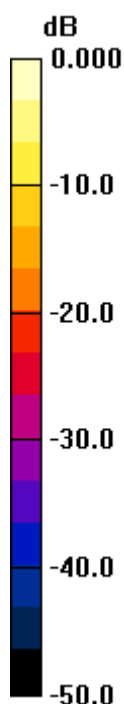
**Ch11/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.03 V/m; Power Drift = -0.144 dB

Peak SAR (extrapolated) = 0.297 W/kg

**SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.056 mW/g**

Maximum value of SAR (measured) = 0.175 mW/g



0 dB = 0.175mW/g