

### #30 GSM850\_GPRS12\_Horizontal Up\_0.5cm\_Ch251

**DUT: 020329**

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

Medium: MSL\_850\_100317 Medium parameters used:  $f = 849$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 55.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch251/Area Scan (31x51x1):** Measurement grid: dx=20mm, dy=20mm

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

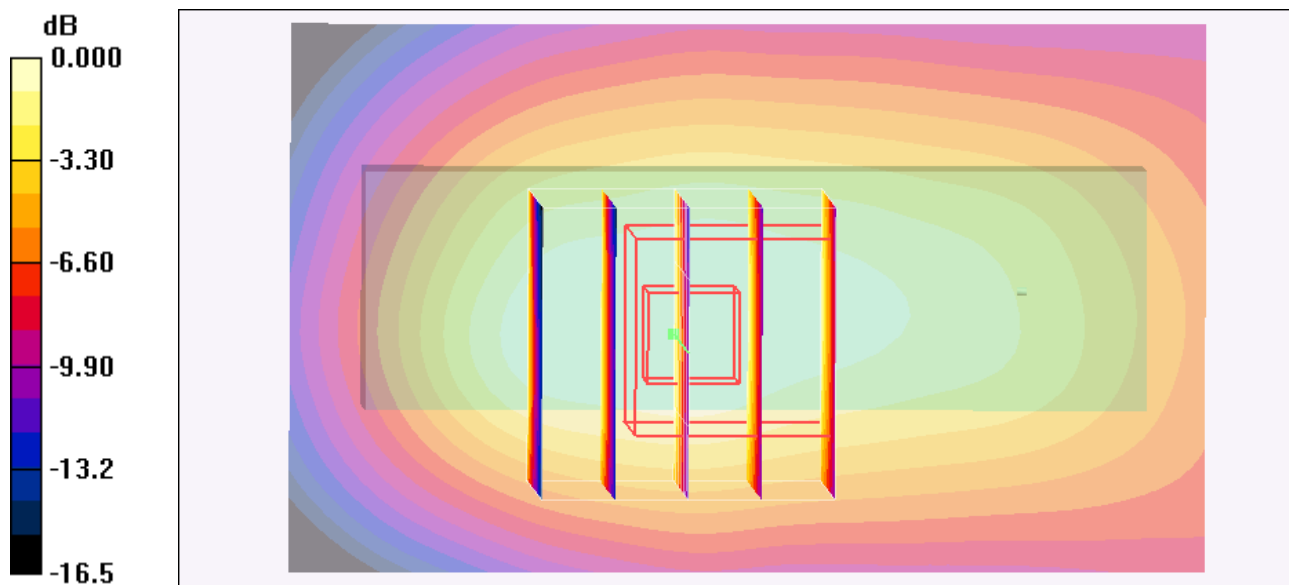
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.6 V/m; Power Drift = 0.061 dB

Peak SAR (extrapolated) = 1.92 W/kg

**SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.744 mW/g**

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



0 dB = 1.29mW/g

### #30 GSM850\_GPRS12\_Horizontal Up\_0.5cm\_Ch251\_2D

**DUT: 020329**

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

Medium: MSL\_850\_100317 Medium parameters used:  $f = 849$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 55.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch251/Area Scan (31x51x1):** Measurement grid: dx=20mm, dy=20mm

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

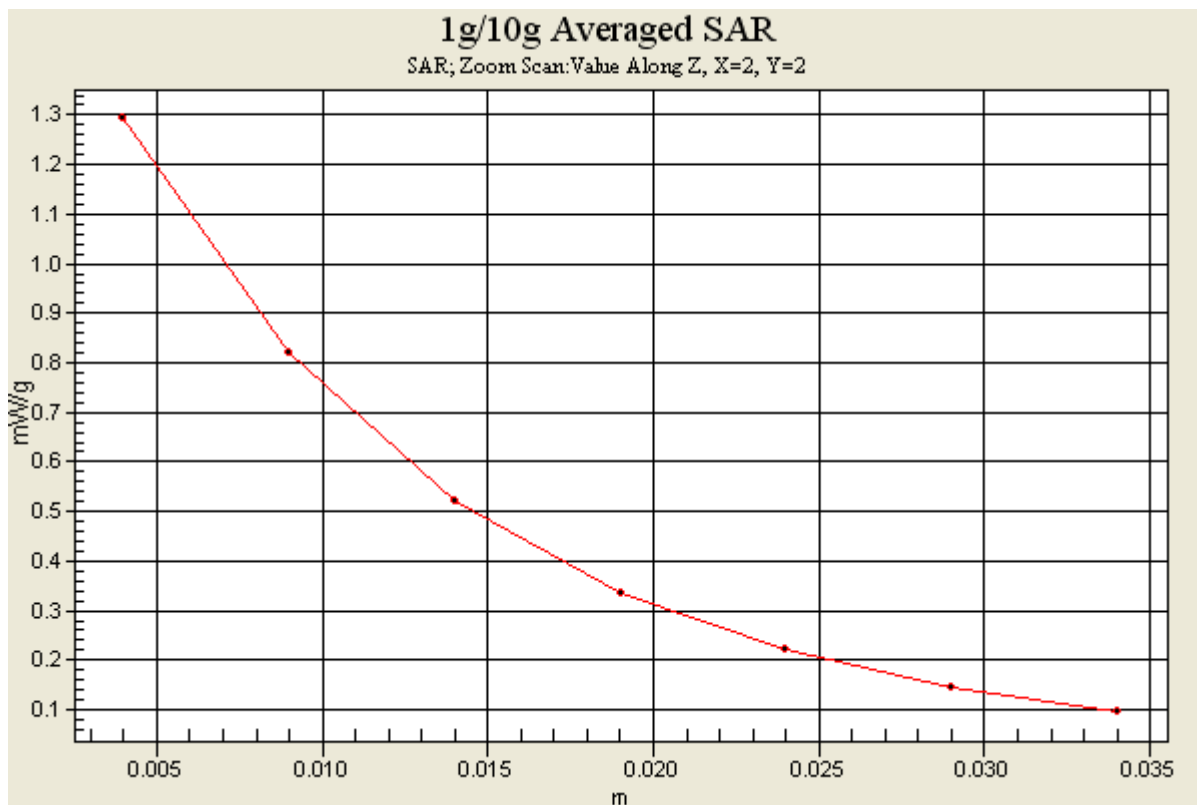
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.6 V/m; Power Drift = 0.061 dB

Peak SAR (extrapolated) = 1.92 W/kg

**SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.744 mW/g**

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



### #32 GSM850\_GPRS12\_Horizontal Down\_0.5cm\_Ch251

**DUT: 020329**

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

Medium: MSL\_850\_100317 Medium parameters used:  $f = 849$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 55.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch251/Area Scan (31x51x1):** Measurement grid: dx=20mm, dy=20mm

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

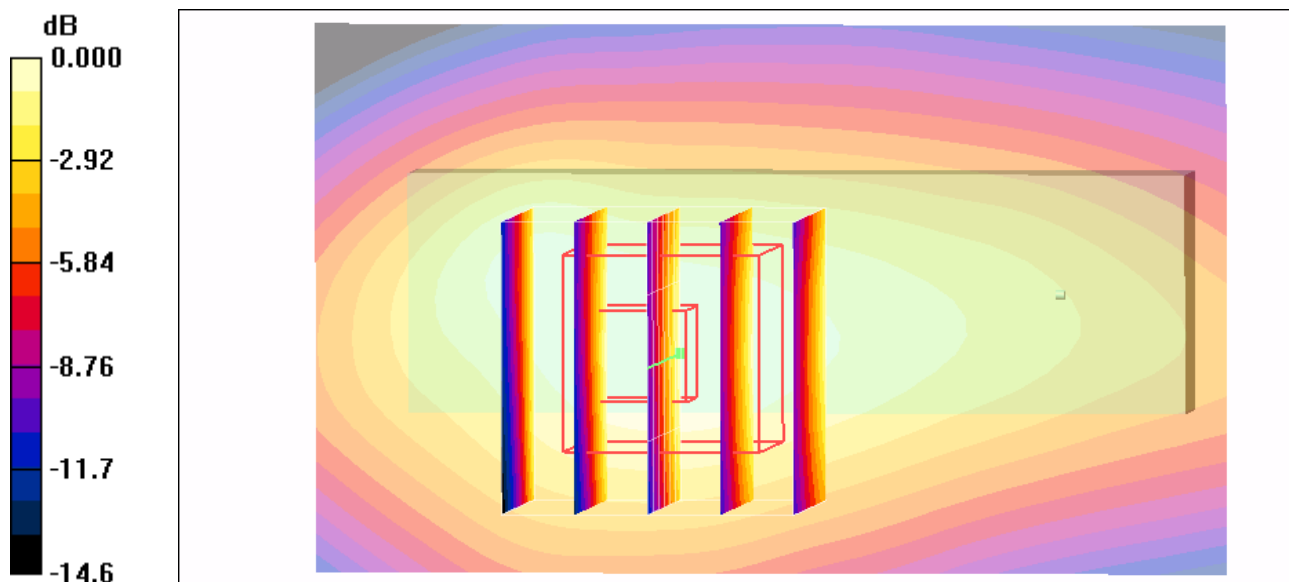
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.7 V/m; Power Drift = -0.085 dB

Peak SAR (extrapolated) = 1.63 W/kg

**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.642 mW/g**

Maximum value of SAR (measured) = 1.08 mW/g



0 dB = 1.08mW/g

## #26 GSM850\_GPRS12\_Vertical Front\_0.5cm\_Ch189

**DUT: 020329**

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

Medium: MSL\_850\_100317 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.996$  mho/m;  $\epsilon_r = 56$ ;  $\rho$

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

Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26

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

- Electronics: DAE3 Sn577; Calibrated: 2009/8/24

- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026

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

**Ch189/Area Scan (31x51x1):** Measurement grid: dx=20mm, dy=20mm

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

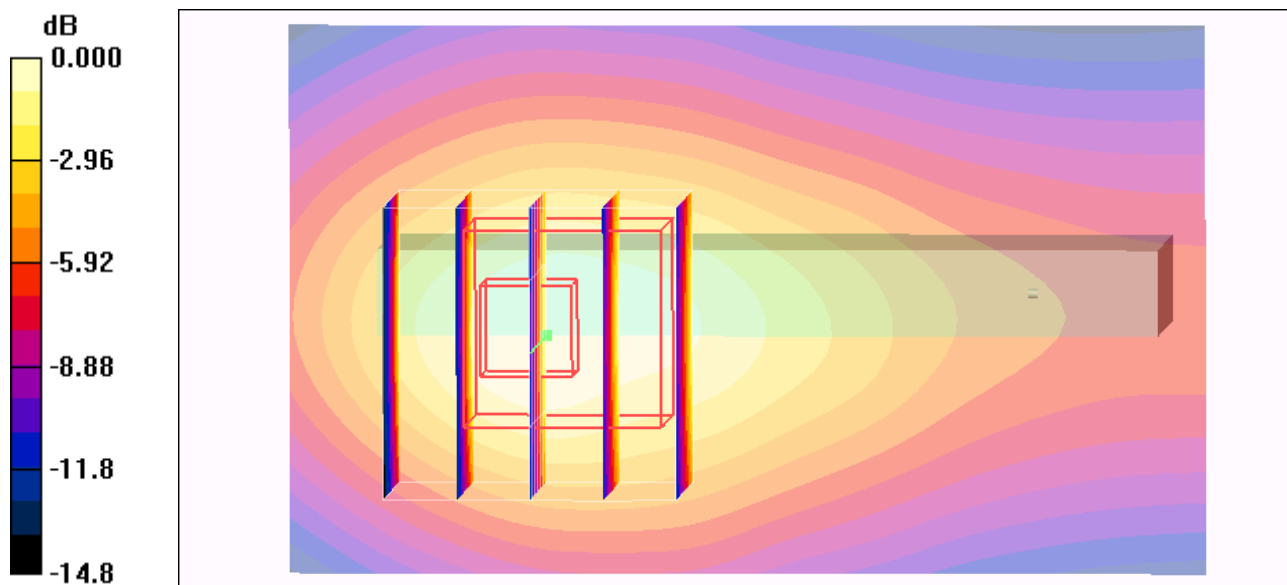
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.7 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 0.764 W/kg

**SAR(1 g) = 0.420 mW/g; SAR(10 g) = 0.243 mW/g**

Maximum value of SAR (measured) = 0.458 mW/g



0 dB = 0.458mW/g

### #27 GSM850\_GPRS12\_Verical Back\_0.5cm\_Ch189

**DUT: 020329**

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

Medium: MSL\_850\_100317 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.996$  mho/m;  $\epsilon_r = 56$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch189/Area Scan (31x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.483 mW/g

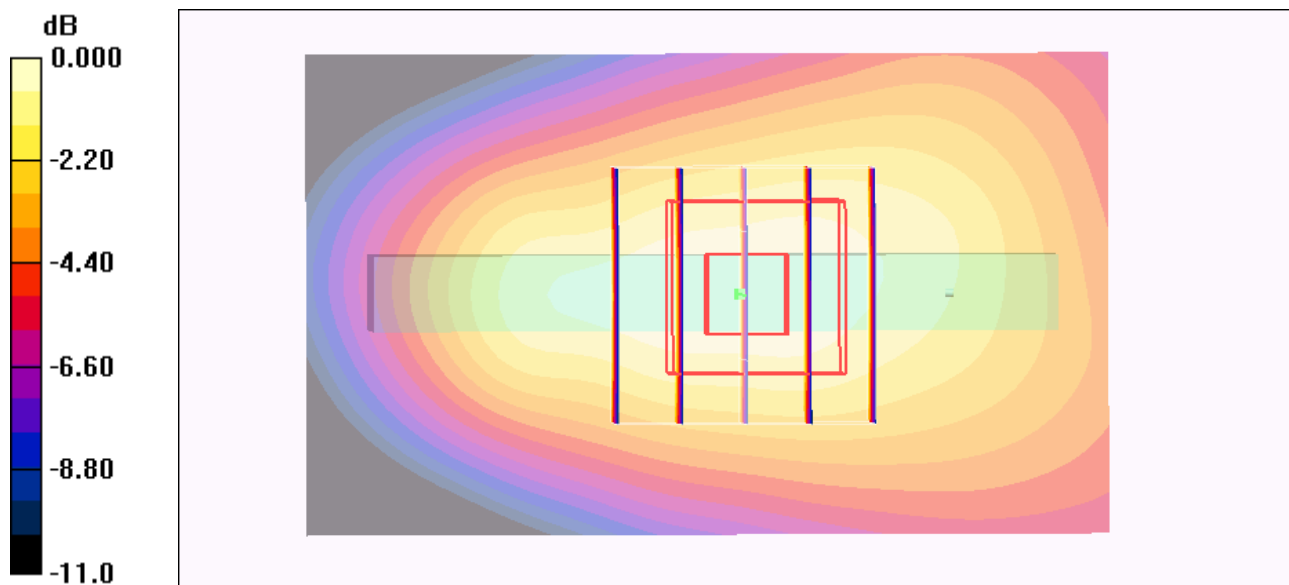
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.4 V/m; Power Drift = -0.141 dB

Peak SAR (extrapolated) = 0.680 W/kg

**SAR(1 g) = 0.459 mW/g; SAR(10 g) = 0.302 mW/g**

Maximum value of SAR (measured) = 0.501 mW/g



0 dB = 0.501mW/g

## #28 GSM850\_GPRS12\_Tip Mode\_0.5cm\_Ch189

**DUT: 020329**

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

Medium: MSL\_850\_100317 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.996$  mho/m;  $\epsilon_r = 56$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch189/Area Scan (31x31x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.082 mW/g

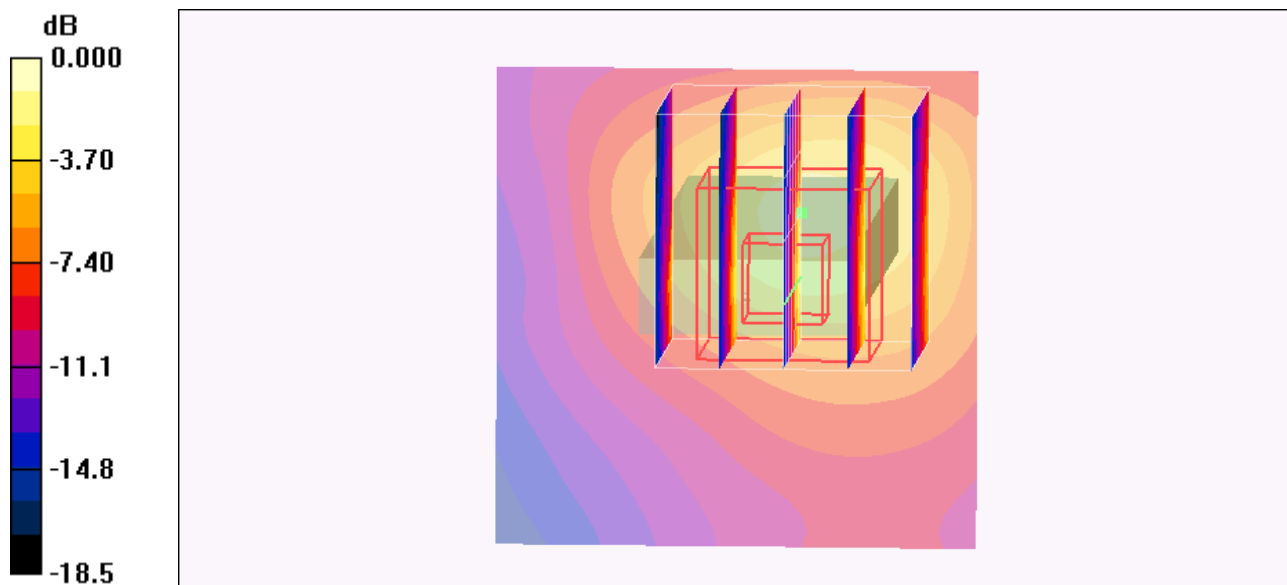
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.5 V/m; Power Drift = -0.188 dB

Peak SAR (extrapolated) = 0.290 W/kg

**SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.046 mW/g**

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



0 dB = 0.128mW/g

### #07 GSM1900\_GPRS8\_Horizontal Up\_0.5cm\_Ch810

**DUT: 020329**

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

Medium: MSL\_1900\_100316 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.54$  mho/m;  $\epsilon_r = 54.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch810/Area Scan (31x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.57 mW/g

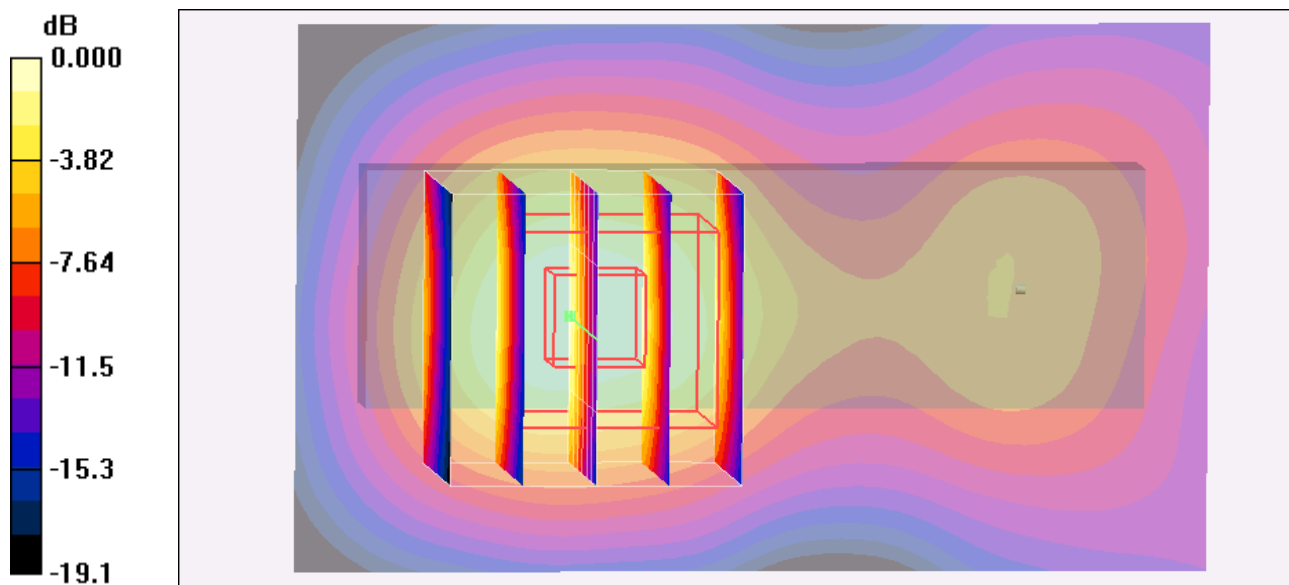
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.4 V/m; Power Drift = 0.021 dB

Peak SAR (extrapolated) = 1.91 W/kg

**SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.688 mW/g**

Maximum value of SAR (measured) = 1.41 mW/g



### #07 GSM1900\_GPRS8\_Horizontal Up\_0.5cm\_Ch810\_2D

**DUT: 020329**

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

Medium: MSL\_1900\_100316 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.54$  mho/m;  $\epsilon_r = 54.3$ ;

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

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch810/Area Scan (31x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.57 mW/g

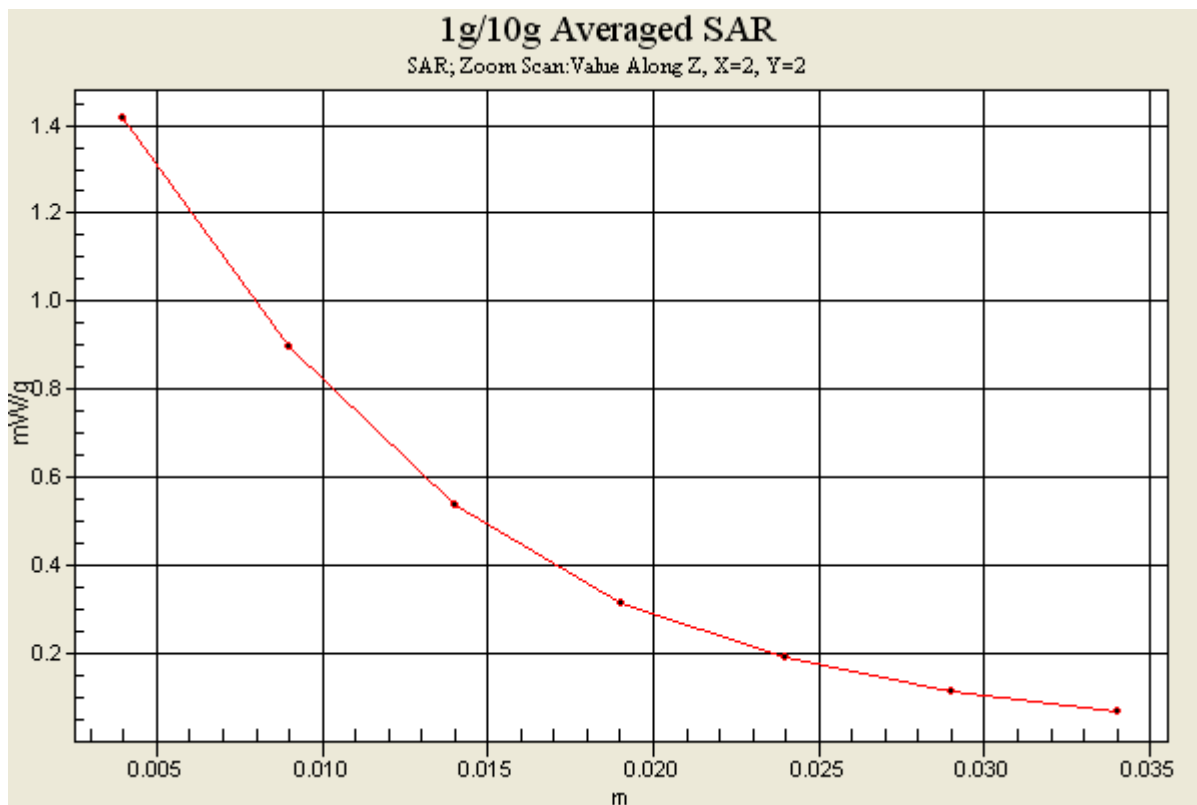
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.4 V/m; Power Drift = 0.021 dB

Peak SAR (extrapolated) = 1.91 W/kg

**SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.688 mW/g**

Maximum value of SAR (measured) = 1.41 mW/g





## #02 GSM1900\_GPRS8\_Horizontal Down\_0.5cm\_Ch661

**DUT: 020329**

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

Medium: MSL\_1900\_100316 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 54.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch661/Area Scan (31x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.553 mW/g

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

Reference Value = 21.7 V/m; Power Drift = -0.074 dB

Peak SAR (extrapolated) = 0.768 W/kg

**SAR(1 g) = 0.526 mW/g; SAR(10 g) = 0.301 mW/g**

Maximum value of SAR (measured) = 0.595 mW/g

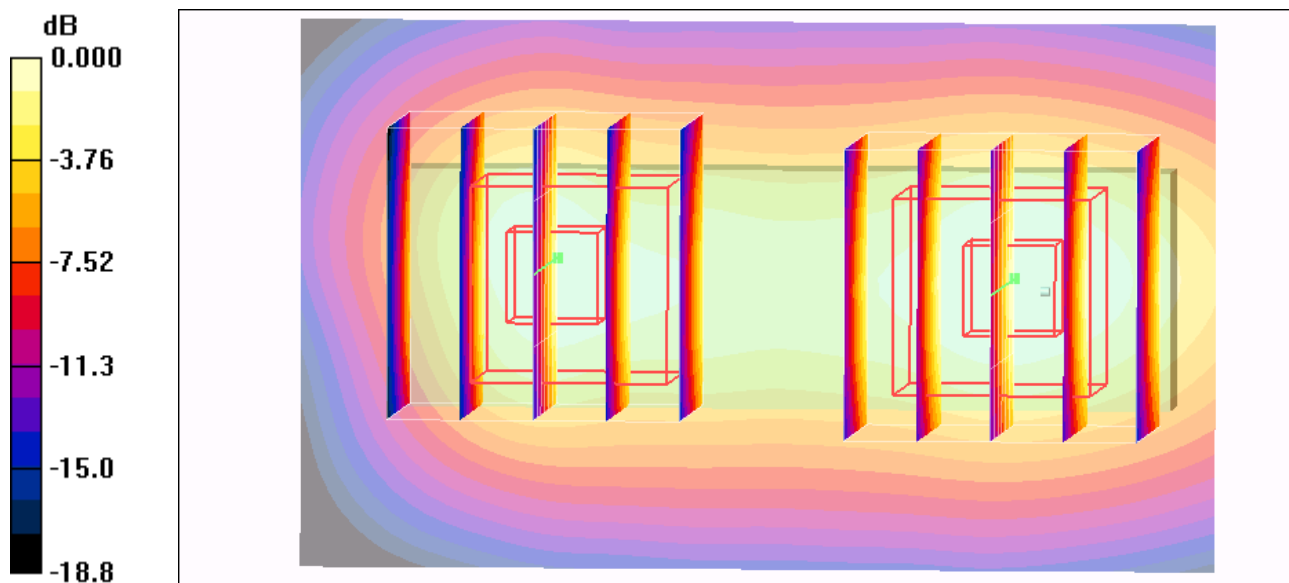
**Ch661/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.7 V/m; Power Drift = -0.074 dB

Peak SAR (extrapolated) = 0.719 W/kg

**SAR(1 g) = 0.455 mW/g; SAR(10 g) = 0.251 mW/g**

Maximum value of SAR (measured) = 0.512 mW/g



0 dB = 0.512mW/g

### #04 GSM1900\_GPRS8\_Verical Front\_0.5cm\_Ch661

**DUT: 020329**

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

Medium: MSL\_1900\_100316 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 54.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch661/Area Scan (31x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.226 mW/g

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

Reference Value = 14.2 V/m; Power Drift = -0.608 dB

Peak SAR (extrapolated) = 0.300 W/kg

**SAR(1 g) = 0.207 mW/g; SAR(10 g) = 0.124 mW/g**

Maximum value of SAR (measured) = 0.228 mW/g

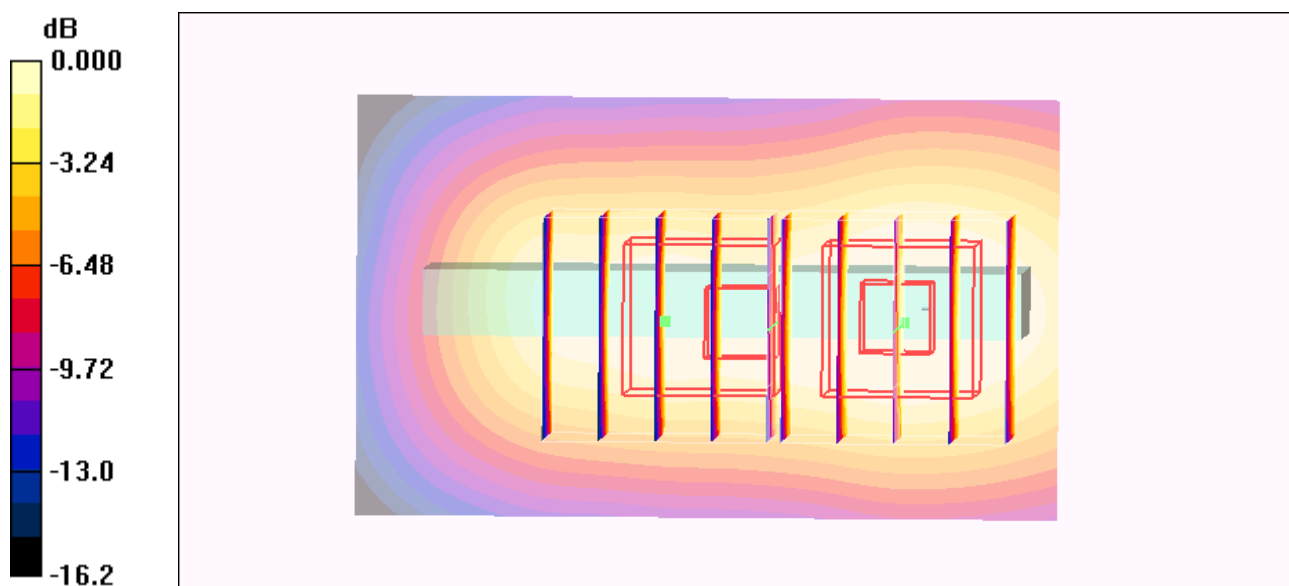
**Ch661/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.2 V/m; Power Drift = -0.160 dB

Peak SAR (extrapolated) = 0.224 W/kg

**SAR(1 g) = 0.137 mW/g; SAR(10 g) = 0.082 mW/g**

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



0 dB = 0.168mW/g

### #03 GSM1900\_GPRS8\_Vertical Back\_0.5cm\_Ch661

**DUT: 020329**

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

Medium: MSL\_1900\_100316 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 54.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch661/Area Scan (31x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.459 mW/g

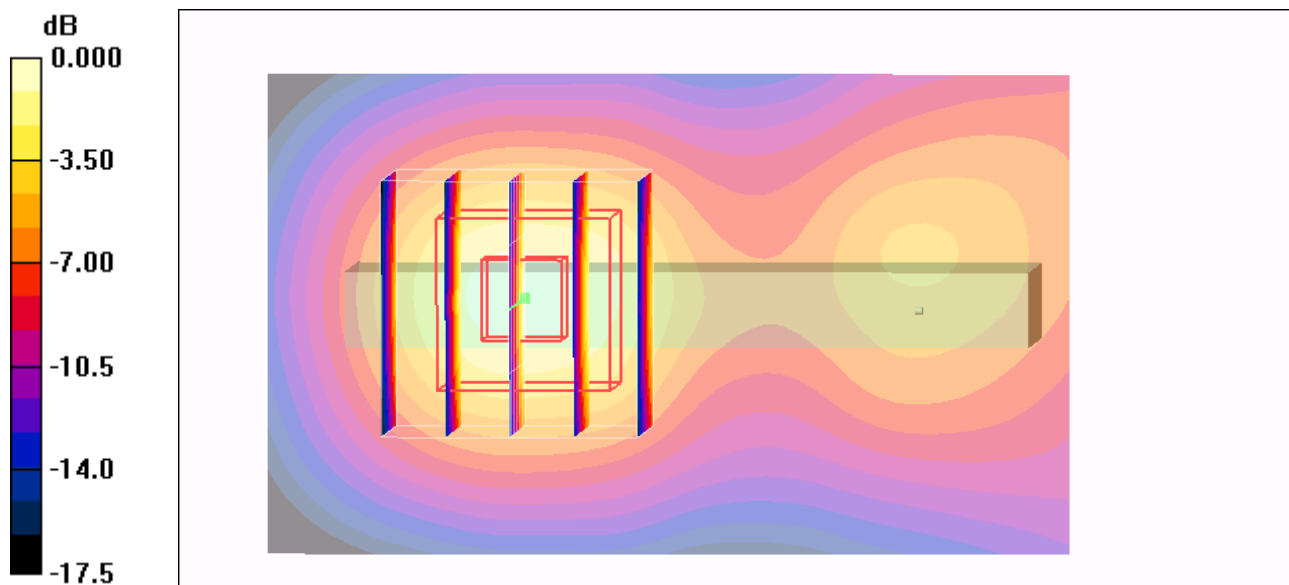
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.1 V/m; Power Drift = -0.117 dB

Peak SAR (extrapolated) = 0.682 W/kg

**SAR(1 g) = 0.435 mW/g; SAR(10 g) = 0.234 mW/g**

Maximum value of SAR (measured) = 0.497 mW/g



### #05 GSM1900\_GPRS8\_Tip Mode\_0.5cm\_Ch661

**DUT: 020329**

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

Medium: MSL\_1900\_100316 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 54.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch661/Area Scan (31x31x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.076 mW/g

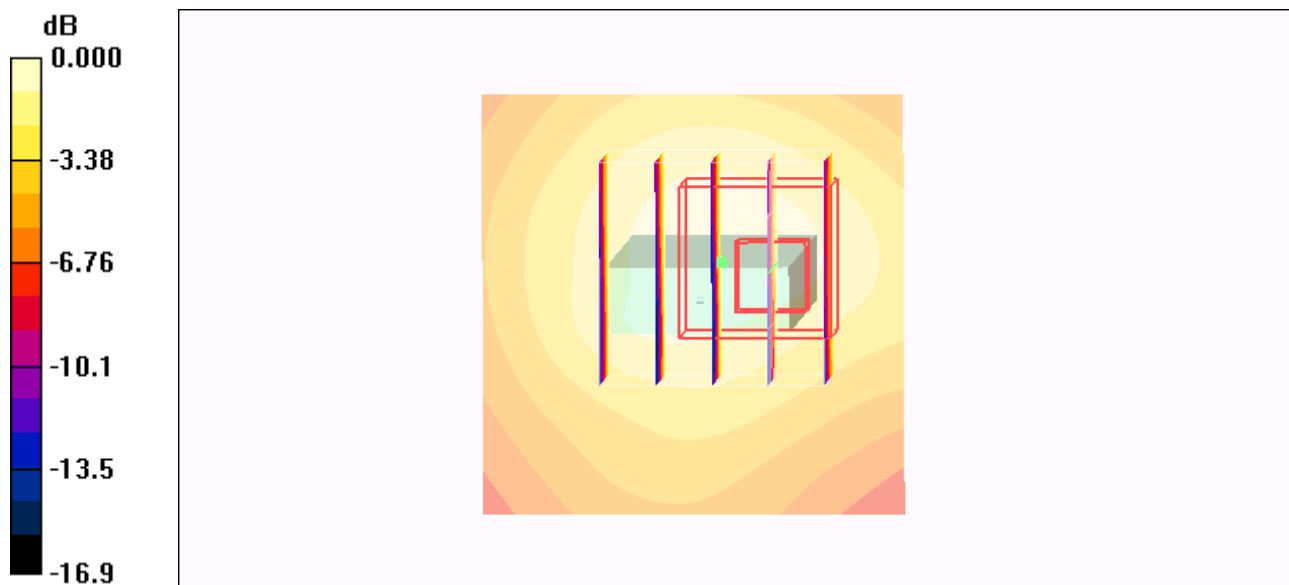
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.40 V/m; Power Drift = -0.116 dB

Peak SAR (extrapolated) = 0.125 W/kg

**SAR(1 g) = 0.071 mW/g; SAR(10 g) = 0.042 mW/g**

Maximum value of SAR (measured) = 0.078 mW/g



0 dB = 0.078mW/g

### #21 WCDMA V\_RMC12.2K\_Horizontal Up\_0.5cm\_Ch4233

**DUT: 020329**

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

Medium: MSL\_850\_100316 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.977$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4233/Area Scan (31x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.886 mW/g

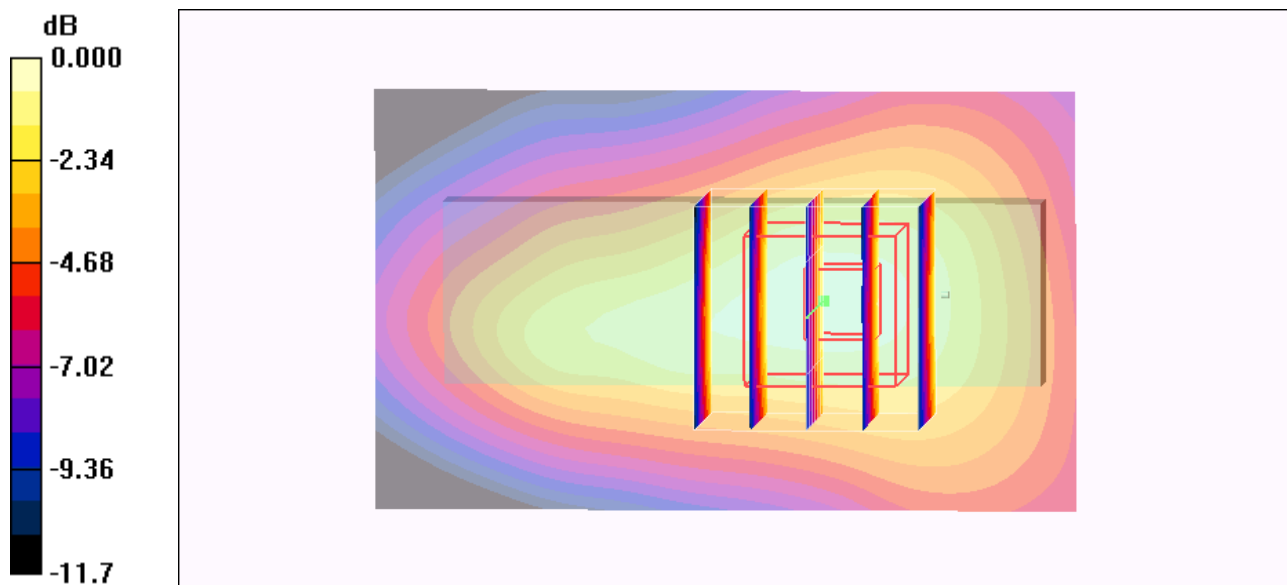
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.5 V/m; Power Drift = 0.093 dB

Peak SAR (extrapolated) = 1.33 W/kg

**SAR(1 g) = 0.889 mW/g; SAR(10 g) = 0.570 mW/g**

Maximum value of SAR (measured) = 0.958 mW/g



0 dB = 0.958mW/g

### #23 WCDMA V\_RMC12.2K\_Horizontal Down\_0.5cm\_Ch4233

**DUT: 020329**

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

Medium: MSL\_850\_100316 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.977$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4233/Area Scan (31x51x1):** Measurement grid: dx=20mm, dy=20mm

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

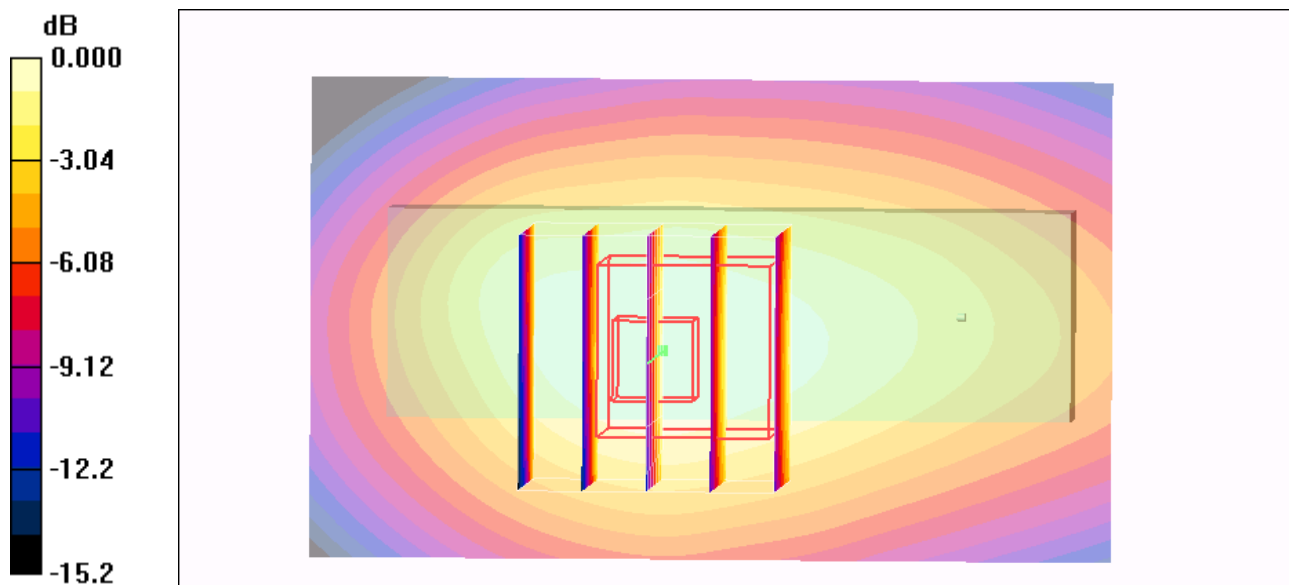
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.7 V/m; Power Drift = 0.038 dB

Peak SAR (extrapolated) = 1.78 W/kg

**SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.690 mW/g**

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



0 dB = 1.16mW/g

### #23 WCDMA V\_RMC12.2K\_Horizontal Down\_0.5cm\_Ch4233\_2D

**DUT: 020329**

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

Medium: MSL\_850\_100316 Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 0.977 \text{ mho/m}$ ;  $\epsilon_r = 54$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4233/Area Scan (31x51x1):** Measurement grid: dx=20mm, dy=20mm

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

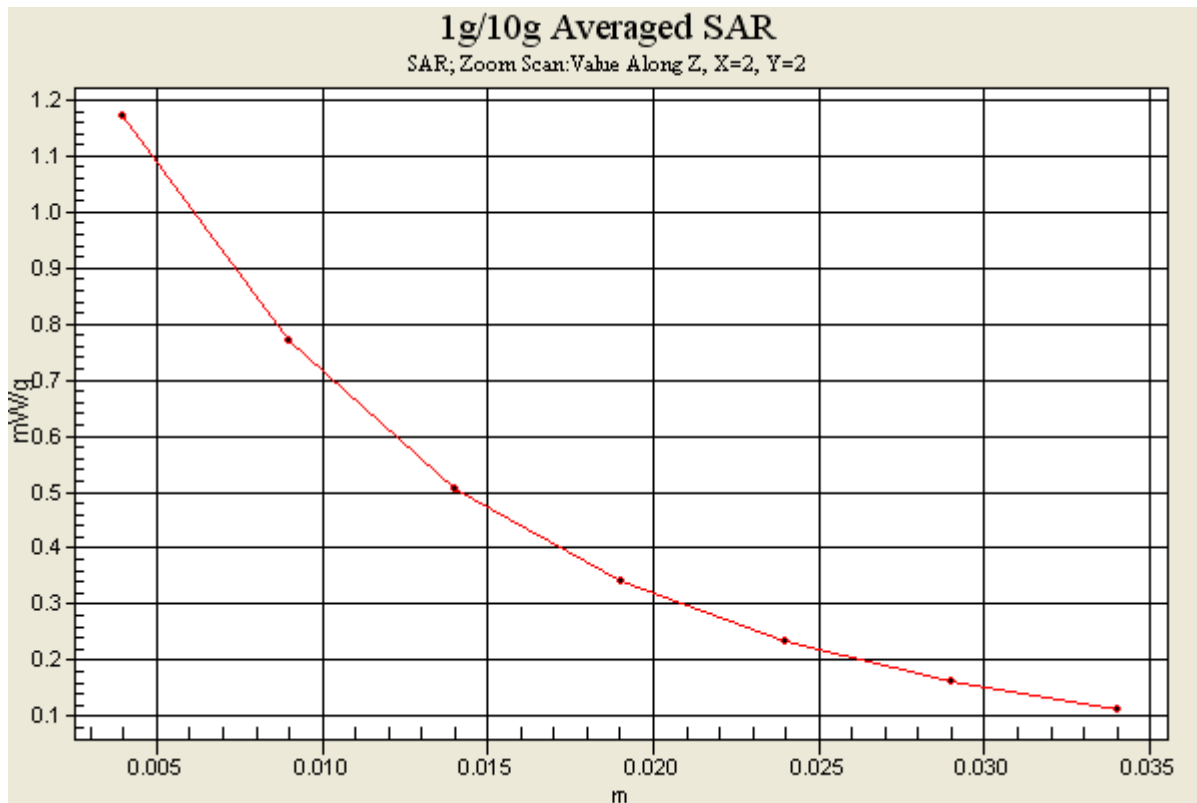
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.7 V/m; Power Drift = 0.038 dB

Peak SAR (extrapolated) = 1.78 W/kg

**SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.690 mW/g**

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



### #17 WCDMA V\_RMC12.2K\_Veritical Front\_0.5cm\_Ch4182

**DUT: 020329**

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

Medium: MSL\_850\_100316 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.968$  mho/m;  $\epsilon_r = 54.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4182/Area Scan (31x51x1):** Measurement grid: dx=20mm, dy=20mm

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

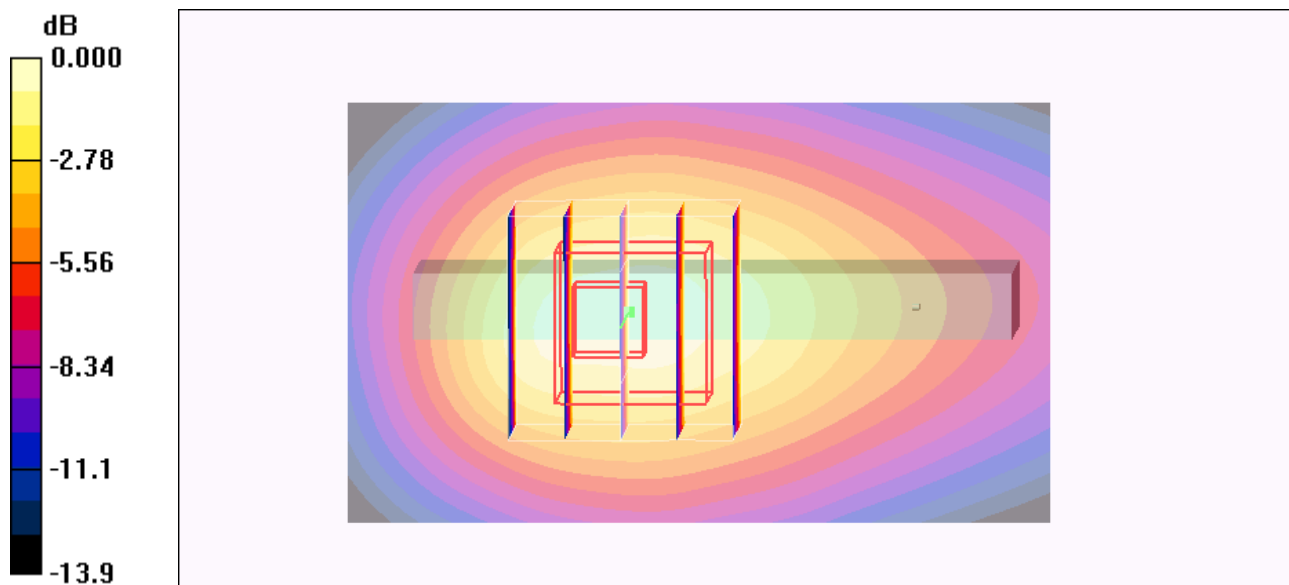
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.0 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 0.793 W/kg

**SAR(1 g) = 0.455 mW/g; SAR(10 g) = 0.270 mW/g**

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



0 dB = 0.499mW/g



### #18 WCDMA V\_RMC12.2K\_Vertical Back\_0.5cm\_Ch4182

**DUT: 020329**

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

Medium: MSL\_850\_100316 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.968$  mho/m;  $\epsilon_r = 54.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4182/Area Scan (31x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.427 mW/g

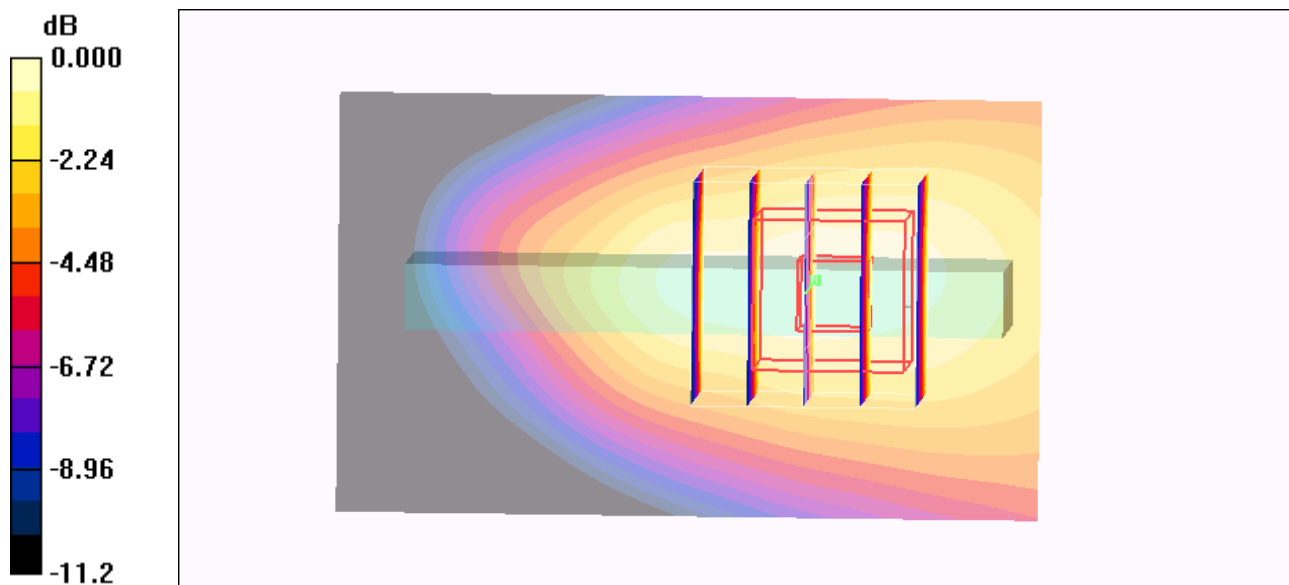
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.7 V/m; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 0.614 W/kg

**SAR(1 g) = 0.413 mW/g; SAR(10 g) = 0.272 mW/g**

Maximum value of SAR (measured) = 0.443 mW/g



0 dB = 0.443mW/g

## #19 WCDMA V\_RMC12.2K\_Tip Mode\_0.5cm\_Ch4182

**DUT: 020329**

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

Medium: MSL\_850\_100316 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.968$  mho/m;  $\epsilon_r = 54.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4182/Area Scan (31x31x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.083 mW/g

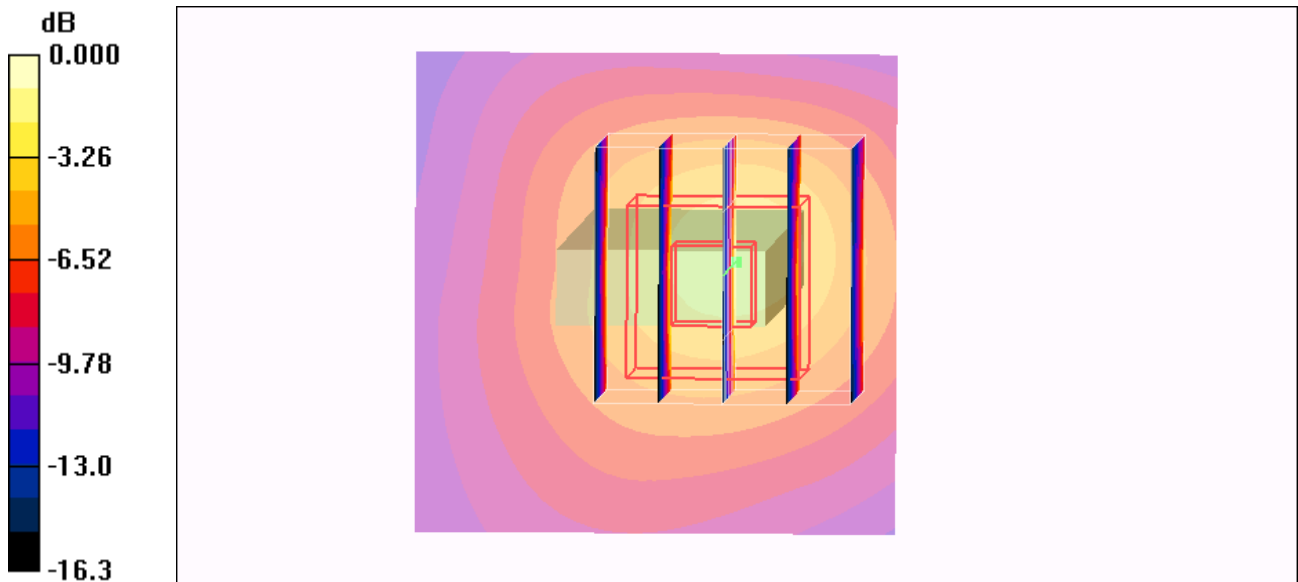
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.6 V/m; Power Drift = 0.005 dB

Peak SAR (extrapolated) = 0.376 W/kg

**SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.055 mW/g**

Maximum value of SAR (measured) = 0.142 mW/g



0 dB = 0.142mW/g

### #08 WCDMA II\_RMC12.2K\_Horizontal Up\_0.5cm\_Ch9400

**DUT: 020329**

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

Medium: MSL\_1900\_100316 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 54.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9400/Area Scan (31x51x1):** Measurement grid: dx=20mm, dy=20mm

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

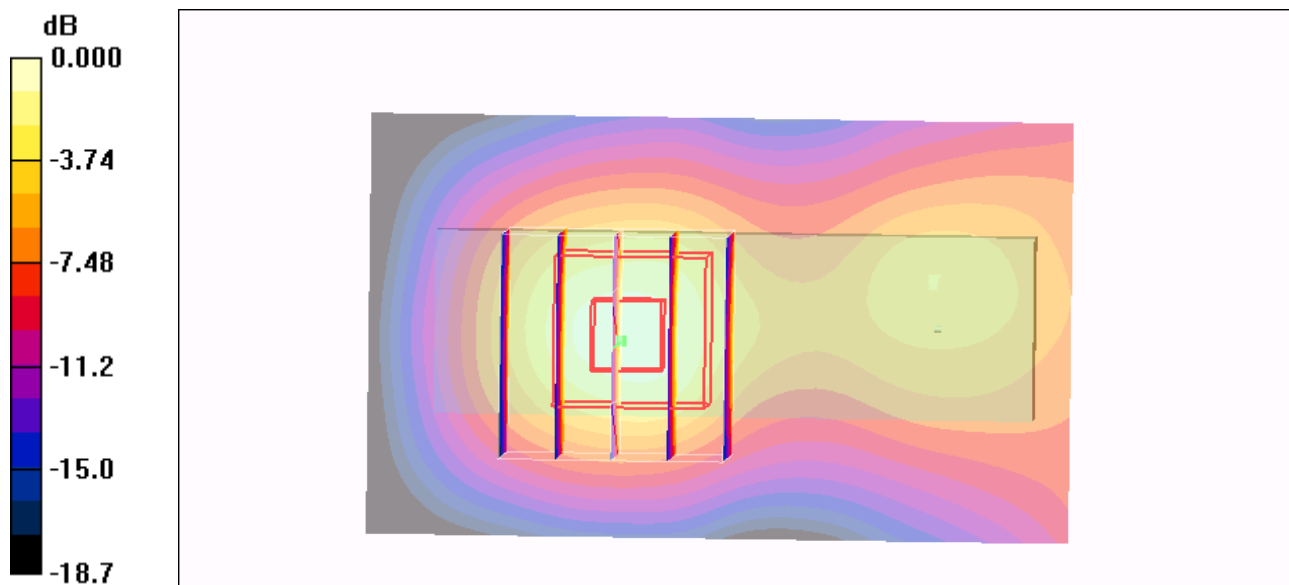
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.9 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 1.67 W/kg

**SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.575 mW/g**

Maximum value of SAR (measured) = 1.23 mW/g



0 dB = 1.23mW/g

### #08 WCDMA II\_RMC12.2K\_Horizontal Up\_0.5cm\_Ch9400\_2D

**DUT: 020329**

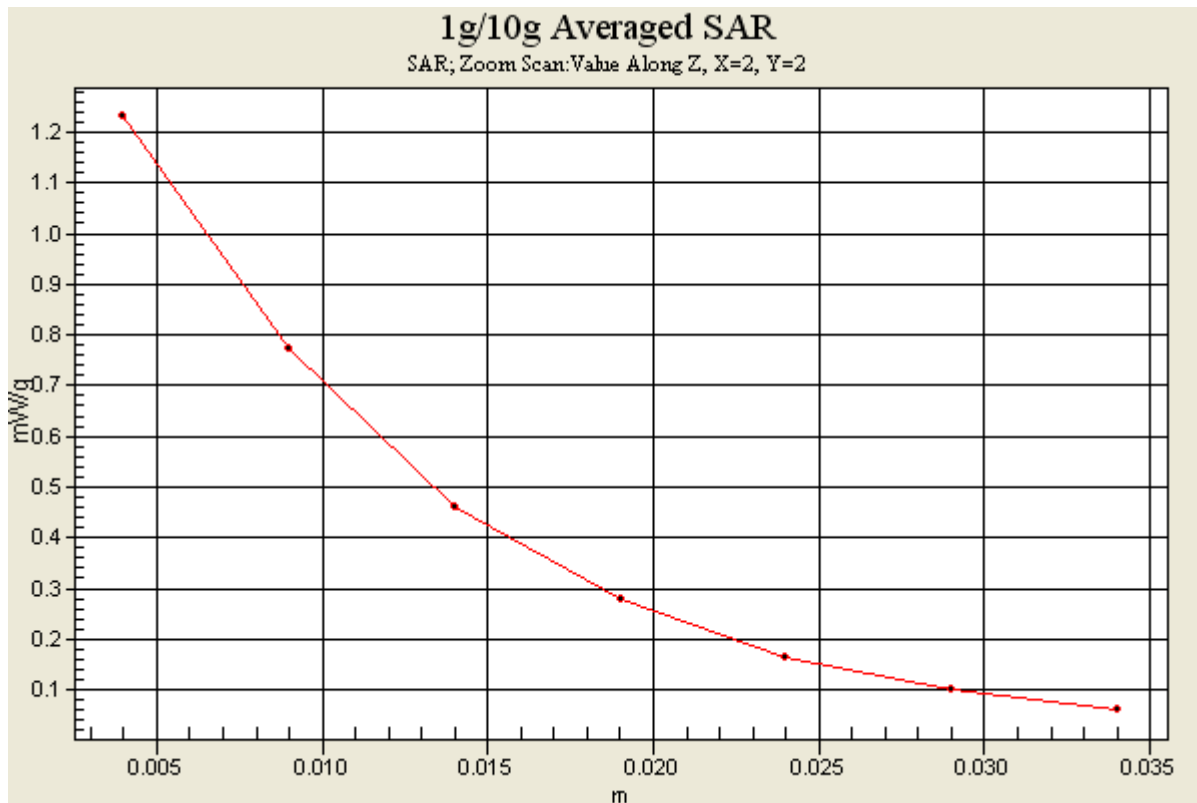
Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_100316 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 54.4$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9400/Area Scan (31x51x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 1.16 mW/g

**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 20.9 V/m; Power Drift = -0.049 dB  
Peak SAR (extrapolated) = 1.67 W/kg  
**SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.575 mW/g**  
Maximum value of SAR (measured) = 1.23 mW/g



### #09 WCDMA II\_RMC12.2K\_Horizontal Down\_0.5cm\_Ch9400

**DUT: 020329**

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

Medium: MSL\_1900\_100316 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 54.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9400/Area Scan (31x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.617 mW/g

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

Reference Value = 22.5 V/m; Power Drift = -0.135 dB

Peak SAR (extrapolated) = 0.874 W/kg

**SAR(1 g) = 0.564 mW/g; SAR(10 g) = 0.312 mW/g**

Maximum value of SAR (measured) = 0.632 mW/g

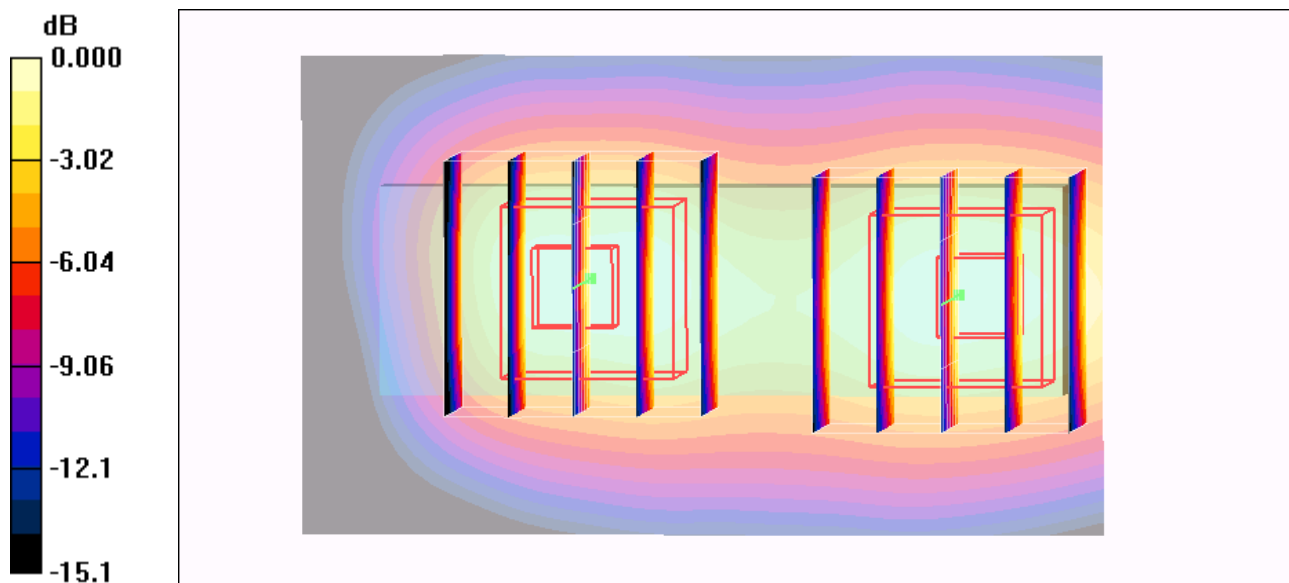
**Ch9400/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.5 V/m; Power Drift = -0.135 dB

Peak SAR (extrapolated) = 0.808 W/kg

**SAR(1 g) = 0.556 mW/g; SAR(10 g) = 0.324 mW/g**

Maximum value of SAR (measured) = 0.619 mW/g



0 dB = 0.619mW/g

### #10 WCDMA II\_RMC12.2K\_Verical Front\_0.5cm\_Ch9400

**DUT: 020329**

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

Medium: MSL\_1900\_100316 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 54.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9400/Area Scan (31x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.339 mW/g

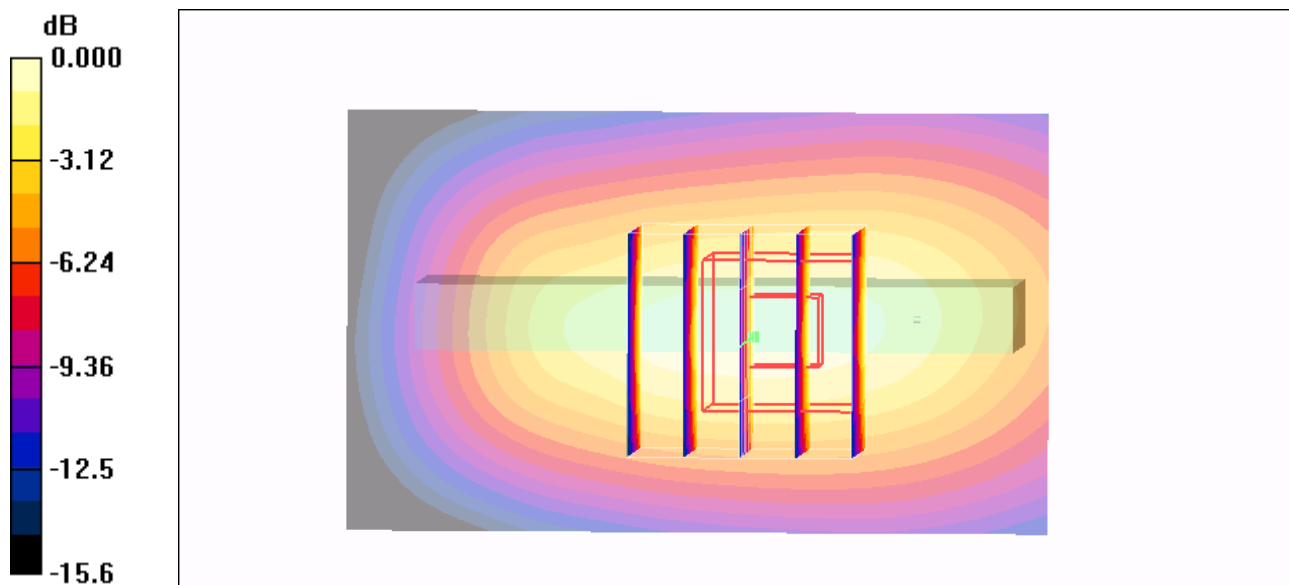
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.5 V/m; Power Drift = -0.135 dB

Peak SAR (extrapolated) = 0.488 W/kg

**SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.198 mW/g**

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



0 dB = 0.365mW/g

### #11 WCDMA II\_RMC12.2K\_Verical Back\_0.5cm\_Ch9400

**DUT: 020329**

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

Medium: MSL\_1900\_100316 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 54.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9400/Area Scan (31x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.700 mW/g

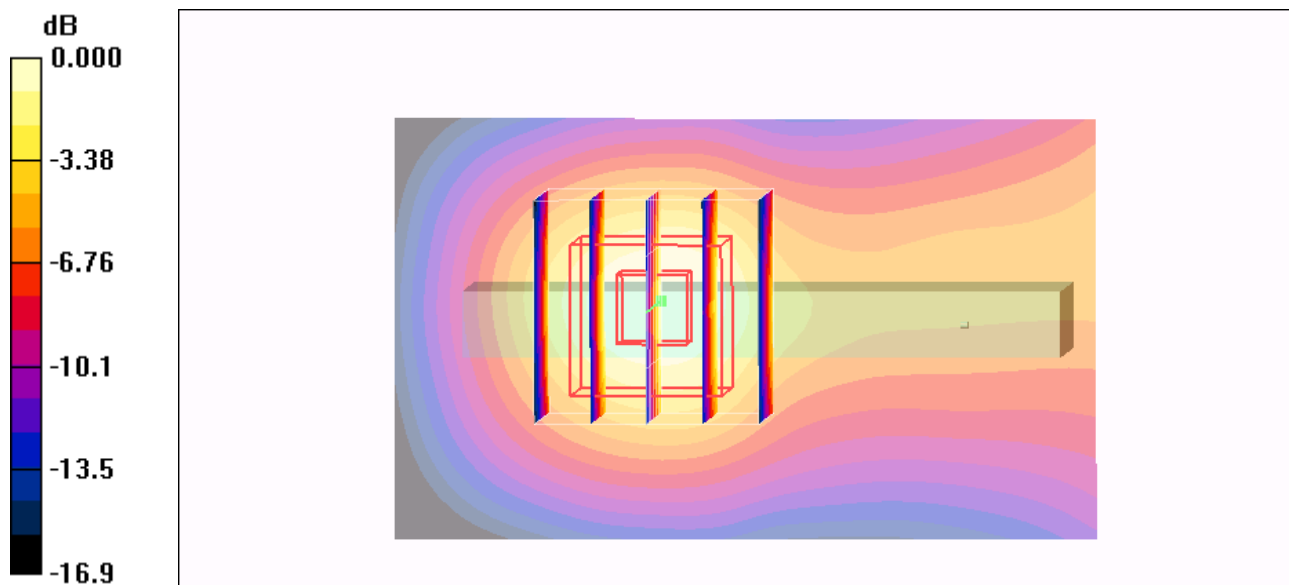
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.0 V/m; Power Drift = -0.093 dB

Peak SAR (extrapolated) = 0.879 W/kg

**SAR(1 g) = 0.571 mW/g; SAR(10 g) = 0.313 mW/g**

Maximum value of SAR (measured) = 0.646 mW/g



## #12 WCDMA II\_RMC12.2K\_Tip Mode\_0.5cm\_Ch9400

**DUT: 020329**

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

Medium: MSL\_1900\_100316 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 54.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9400/Area Scan (31x31x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.088 mW/g

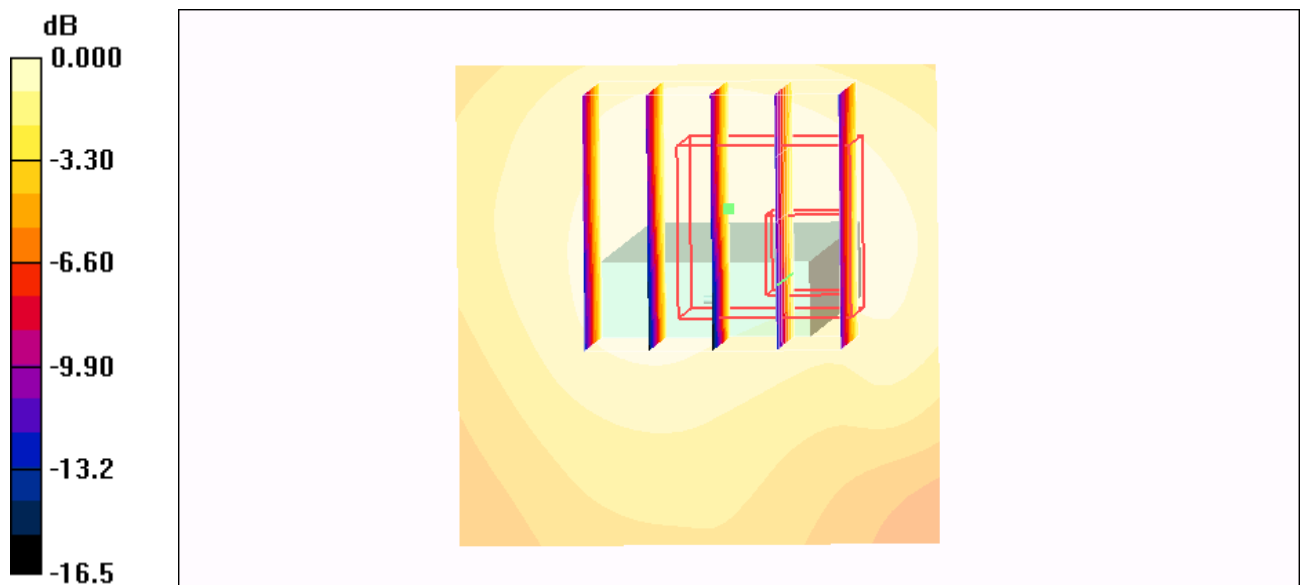
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.67 V/m; Power Drift = -0.155 dB

Peak SAR (extrapolated) = 0.124 W/kg

**SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.048 mW/g**

Maximum value of SAR (measured) = 0.083 mW/g



0 dB = 0.083mW/g