

**#01 GSM850\_GPRS12\_Front\_0.5cm\_Ch251****DUT: 250807**

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

Medium: MSL\_850\_120531 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.976$  mho/m;  $\epsilon_r = 54.411$ ; $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(5.75, 5.75, 5.75); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch251/Area Scan (41x41x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.151 mW/g

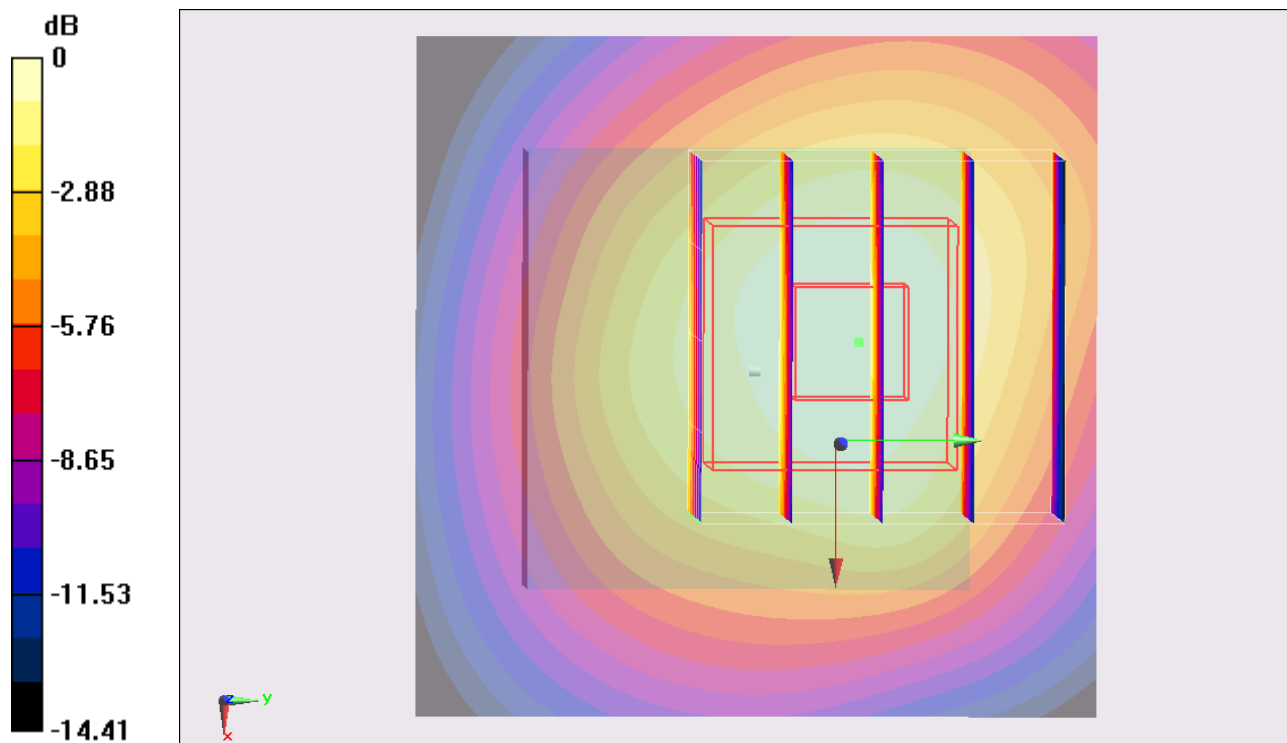
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.485 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.216 mW/g

**SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.078 mW/g**

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



0 dB = 0.142 mW/g = -16.95 dB mW/g

**#02 GSM850\_GPRS12\_Back\_0.5cm\_Ch251****DUT: 250807**

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

Medium: MSL\_850\_120531 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.976$  mho/m;  $\epsilon_r = 54.411$ ; $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(5.75, 5.75, 5.75); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch251/Area Scan (41x41x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.248 mW/g

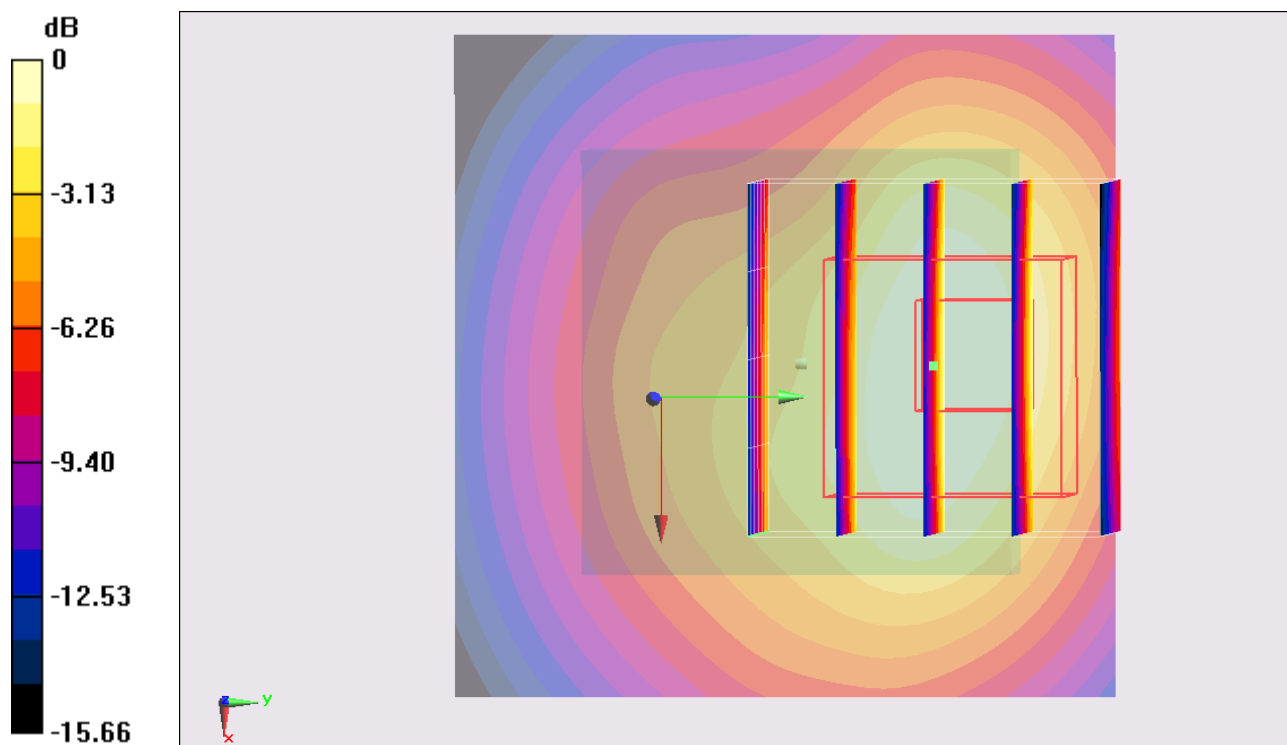
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.813 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.421 mW/g

**SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.105 mW/g**

Maximum value of SAR (measured) = 0.227 mW/g



0 dB = 0.227 mW/g = -12.88 dB mW/g

**#02 GSM850\_GPRS12\_Back\_0.5cm\_Ch251\_2D****DUT: 250807**

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

Medium: MSL\_850\_120531 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.976$  mho/m;  $\epsilon_r = 54.411$ ; $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(5.75, 5.75, 5.75); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch251/Area Scan (41x41x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.248 mW/g

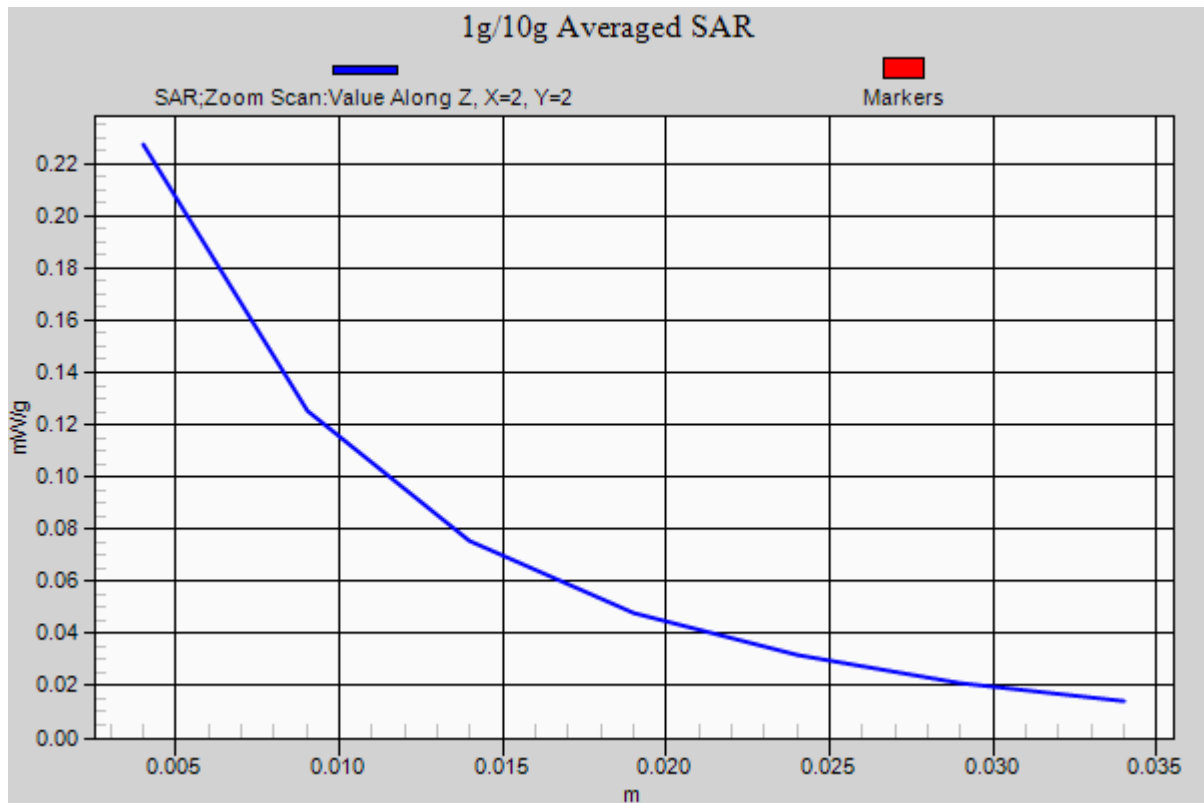
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.813 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.421 mW/g

**SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.105 mW/g**

Maximum value of SAR (measured) = 0.227 mW/g



**#03 GSM850\_GPRS12\_Left Side\_0.5cm\_Ch251****DUT: 250807**

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

Medium: MSL\_850\_120531 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.976$  mho/m;  $\epsilon_r = 54.411$ ; $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(5.75, 5.75, 5.75); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch251/Area Scan (41x41x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0790 mW/g

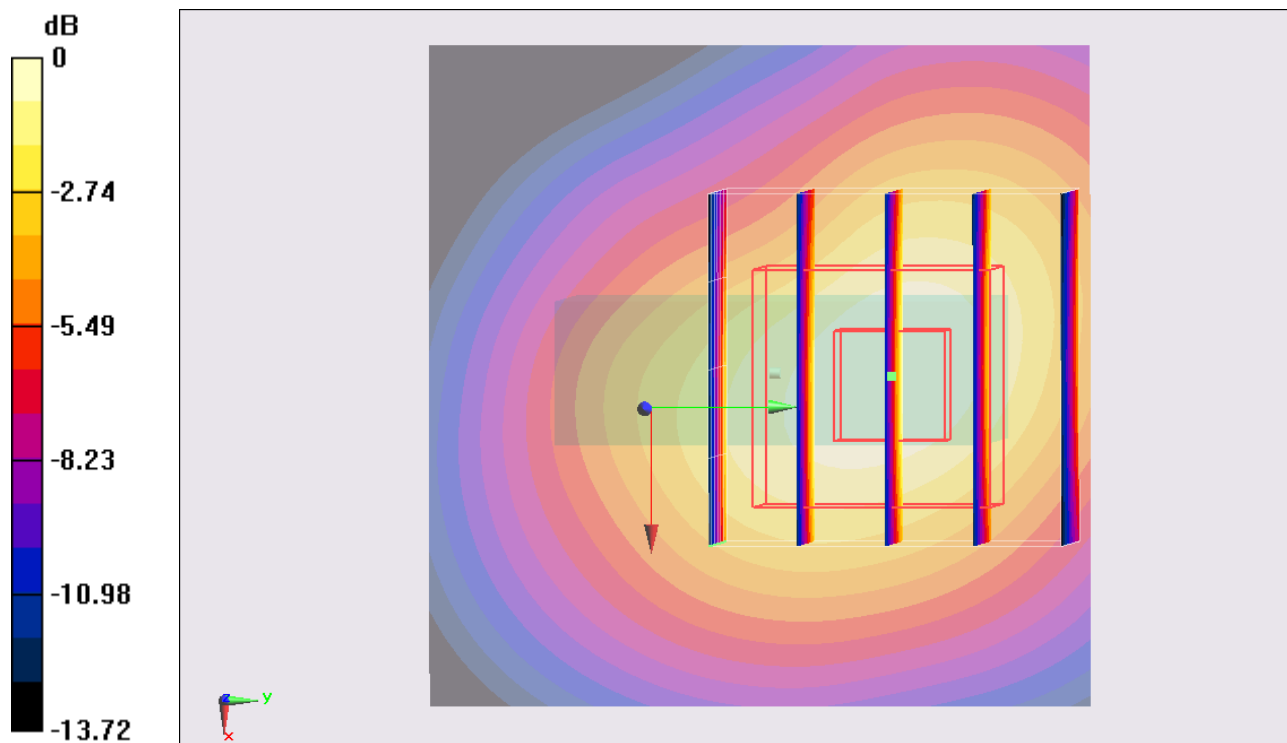
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.860 V/m; Power Drift = -0.147 dB

Peak SAR (extrapolated) = 0.114 mW/g

**SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.037 mW/g**

Maximum value of SAR (measured) = 0.0751 mW/g



0 dB = 0.0751 mW/g = -22.49 dB mW/g

**#04 GSM850\_GPRS12\_Right Side\_0.5cm\_Ch251****DUT: 250807**

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

Medium: MSL\_850\_120531 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.976$  mho/m;  $\epsilon_r = 54.411$ ; $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(5.75, 5.75, 5.75); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch251/Area Scan (41x41x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.149 mW/g

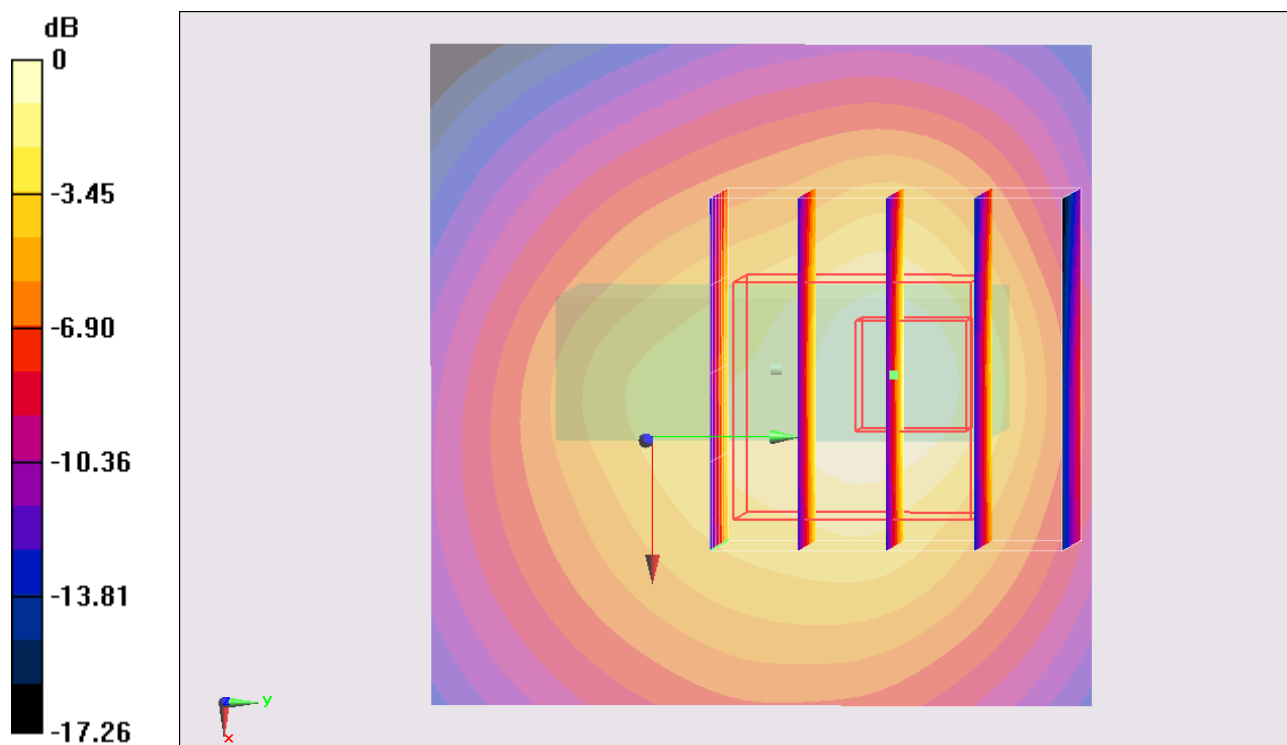
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.400 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.242 mW/g

**SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.057 mW/g**

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



0 dB = 0.128 mW/g = -17.86 dB mW/g

## #05 GSM850\_GPRS12\_Top Side\_0.5cm\_Ch251

**DUT: 250807**

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

Medium: MSL\_850\_120531 Medium parameters used:  $f = 849 \text{ MHz}$ ;  $\sigma = 0.976 \text{ mho/m}$ ;  $\epsilon_r = 54.411$ ;

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

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(5.75, 5.75, 5.75); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch251/Area Scan (41x41x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.208 \text{ mW/g}$

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

Reference Value =  $9.150 \text{ V/m}$ ; Power Drift =  $-0.136 \text{ dB}$

Peak SAR (extrapolated) =  $0.440 \text{ mW/g}$

**SAR(1 g) =  $0.197 \text{ mW/g}$ ; SAR(10 g) =  $0.102 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.216 \text{ mW/g}$

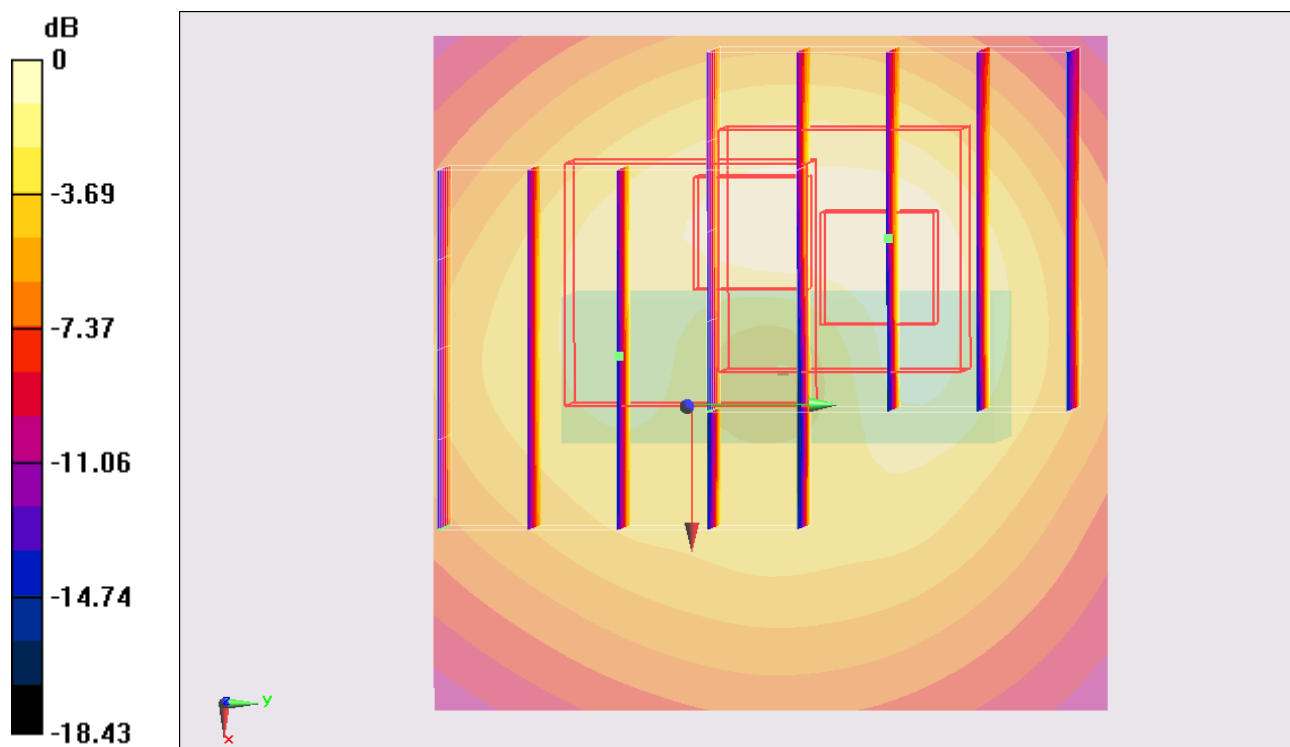
**Ch251/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $9.150 \text{ V/m}$ ; Power Drift =  $-0.136 \text{ dB}$

Peak SAR (extrapolated) =  $0.387 \text{ mW/g}$

**SAR(1 g) =  $0.176 \text{ mW/g}$ ; SAR(10 g) =  $0.085 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.214 \text{ mW/g}$



**#06 GSM850\_GPRS12\_Bottom Side\_0.5cm\_Ch251****DUT: 250807**

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

Medium: MSL\_850\_120531 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.976$  mho/m;  $\epsilon_r = 54.411$ ; $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(5.75, 5.75, 5.75); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch251/Area Scan (41x41x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0153 mW/g

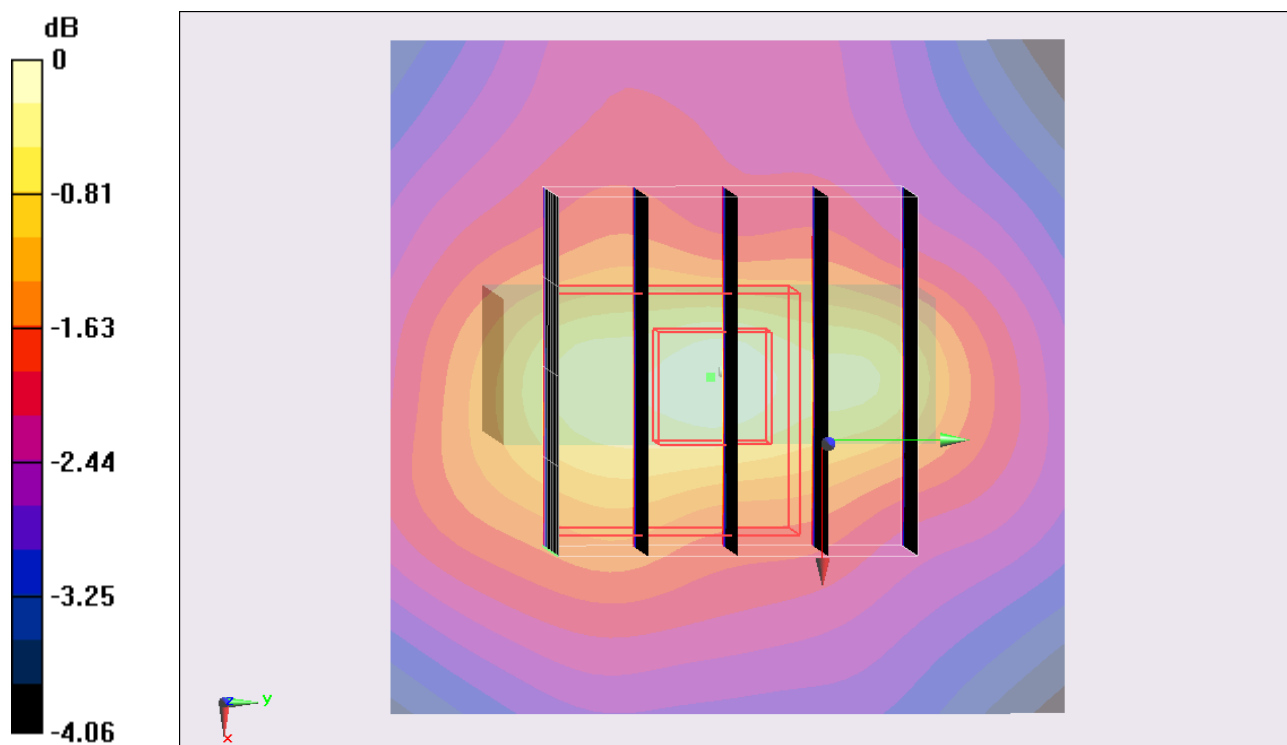
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.164 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.032 mW/g

**SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00835 mW/g**

Maximum value of SAR (measured) = 0.0153 mW/g



**#07 GSM1900\_GPRS12\_Front\_0.5cm\_Ch810****DUT: 250807**

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

Medium: MSL\_1900\_120531 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.542$  mho/m;  $\epsilon_r =$ 52.458;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch810/Area Scan (41x41x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.00 mW/g

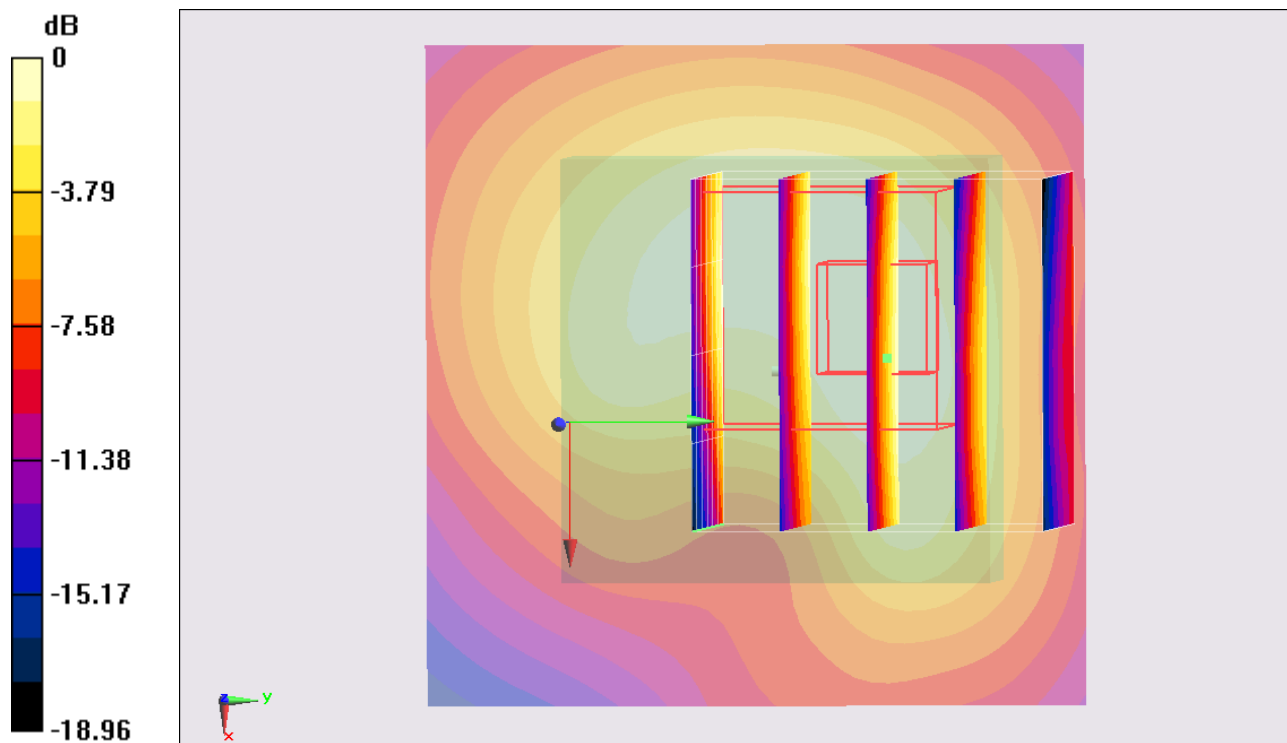
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.765 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.198 mW/g

**SAR(1 g) = 0.732 mW/g; SAR(10 g) = 0.435 mW/g**

Maximum value of SAR (measured) = 0.856 mW/g



0 dB = 0.856 mW/g = -1.35 dB mW/g

**#08 GSM1900\_GPRS12\_Back\_0.5cm\_Ch810****DUT: 250807**

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

Medium: MSL\_1900\_120531 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.542$  mho/m;  $\epsilon_r =$ 52.458;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch810/Area Scan (41x41x1):** Measurement grid: dx=15mm, dy=15mm

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

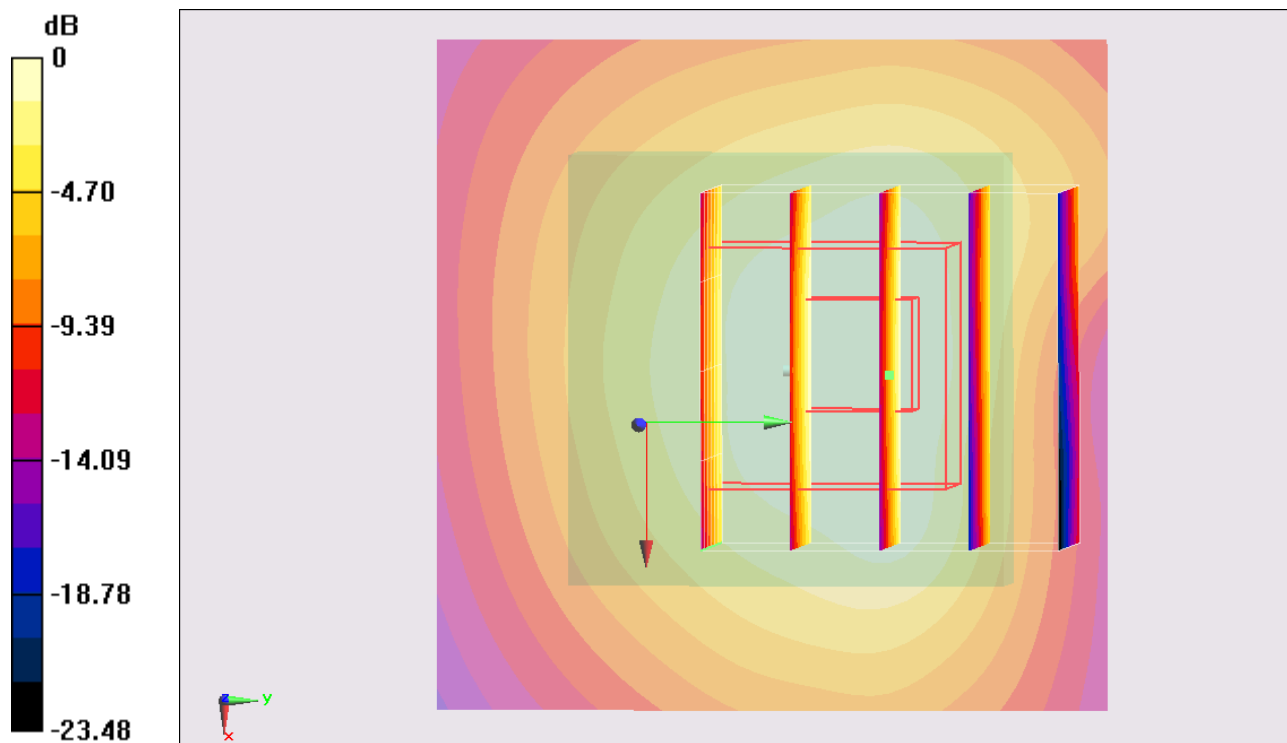
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.375 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.792 mW/g

**SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.685 mW/g**

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



0 dB = 1.24 mW/g = 1.87 dB mW/g

**#08 GSM1900\_GPRS12\_Back\_0.5cm\_Ch810\_2D****DUT: 250807**

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

Medium: MSL\_1900\_120531 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.542$  mho/m;  $\epsilon_r =$ 52.458;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch810/Area Scan (41x41x1):** Measurement grid: dx=15mm, dy=15mm

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

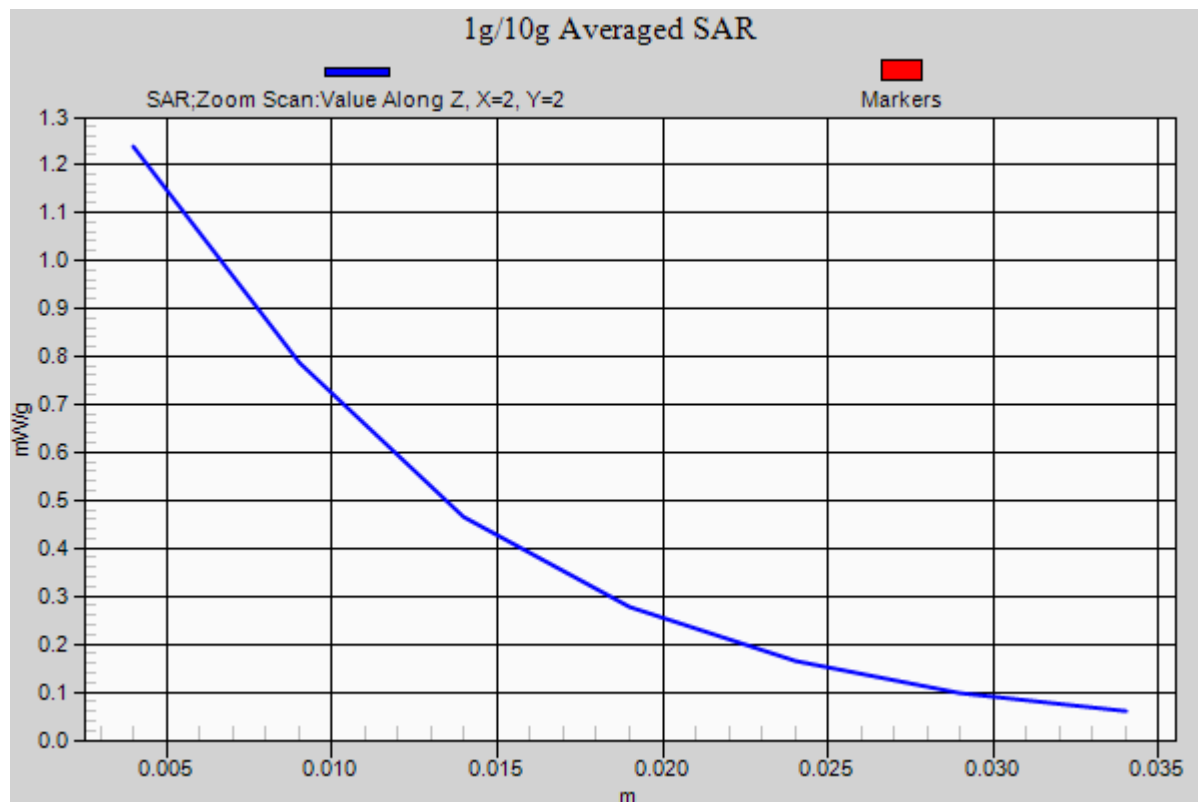
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.375 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.792 mW/g

**SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.685 mW/g**

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



**#09 GSM1900\_GPRS12\_Left Side\_0.5cm\_Ch810****DUT: 250807**

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

Medium: MSL\_1900\_120531 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.542$  mho/m;  $\epsilon_r =$ 52.458;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch810/Area Scan (41x41x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.498 mW/g

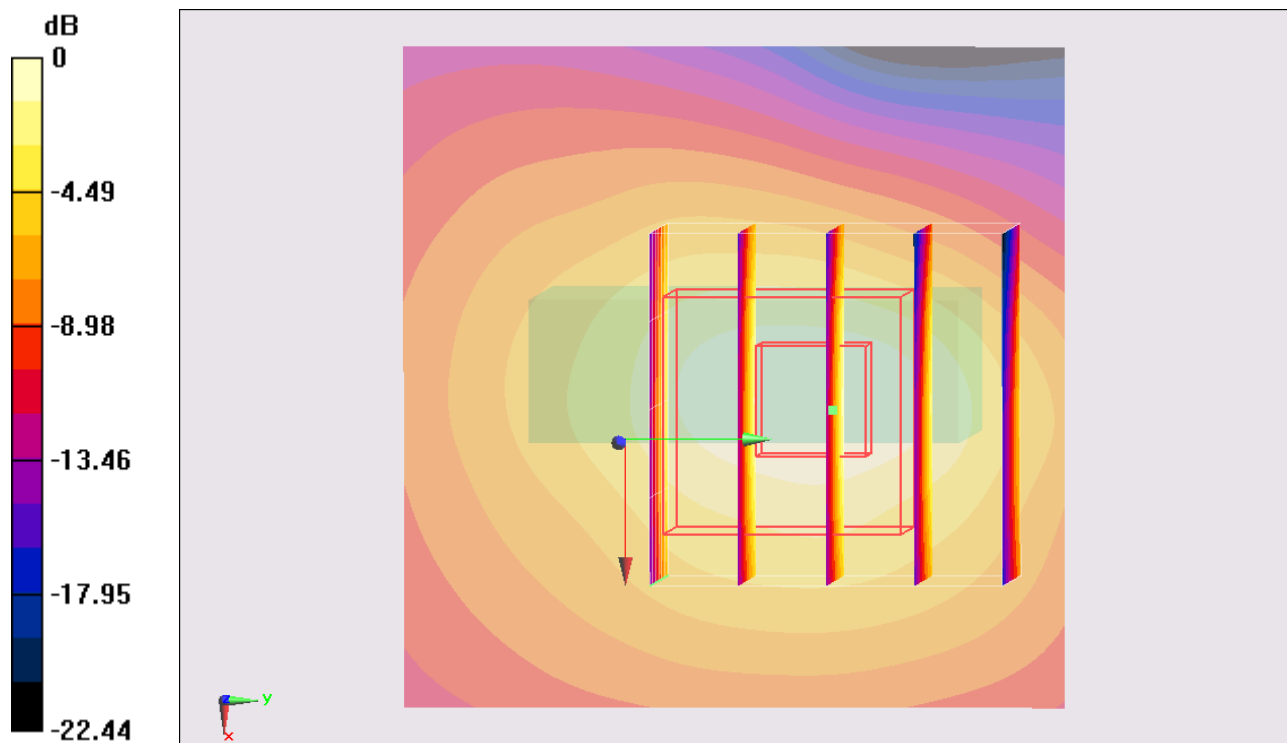
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.423 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.768 mW/g

**SAR(1 g) = 0.455 mW/g; SAR(10 g) = 0.241 mW/g**

Maximum value of SAR (measured) = 0.503 mW/g



0 dB = 0.503 mW/g = -5.97 dB mW/g

**#10 GSM1900\_GPRS12\_Right Side\_0.5cm\_Ch810****DUT: 250807**

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

Medium: MSL\_1900\_120531 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.542$  mho/m;  $\epsilon_r =$ 52.458;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch810/Area Scan (41x41x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.717 mW/g

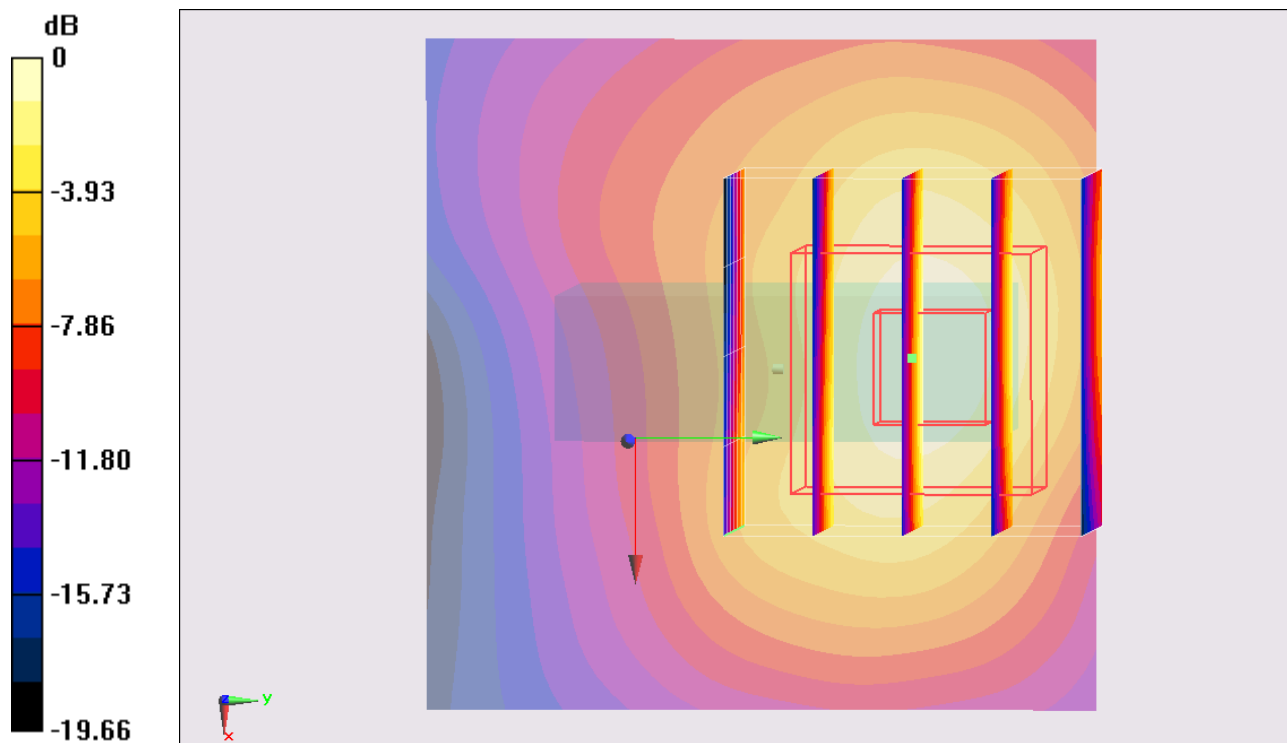
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.212 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.080 mW/g

**SAR(1 g) = 0.588 mW/g; SAR(10 g) = 0.295 mW/g**

Maximum value of SAR (measured) = 0.684 mW/g



0 dB = 0.684 mW/g = -3.30 dB mW/g

**#11 GSM1900\_GPRS12\_Top Side\_0.5cm\_Ch810****DUT: 250807**

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

Medium: MSL\_1900\_120531 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.542$  mho/m;  $\epsilon_r =$ 52.458;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch810/Area Scan (41x41x1):** Measurement grid: dx=15mm, dy=15mm

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

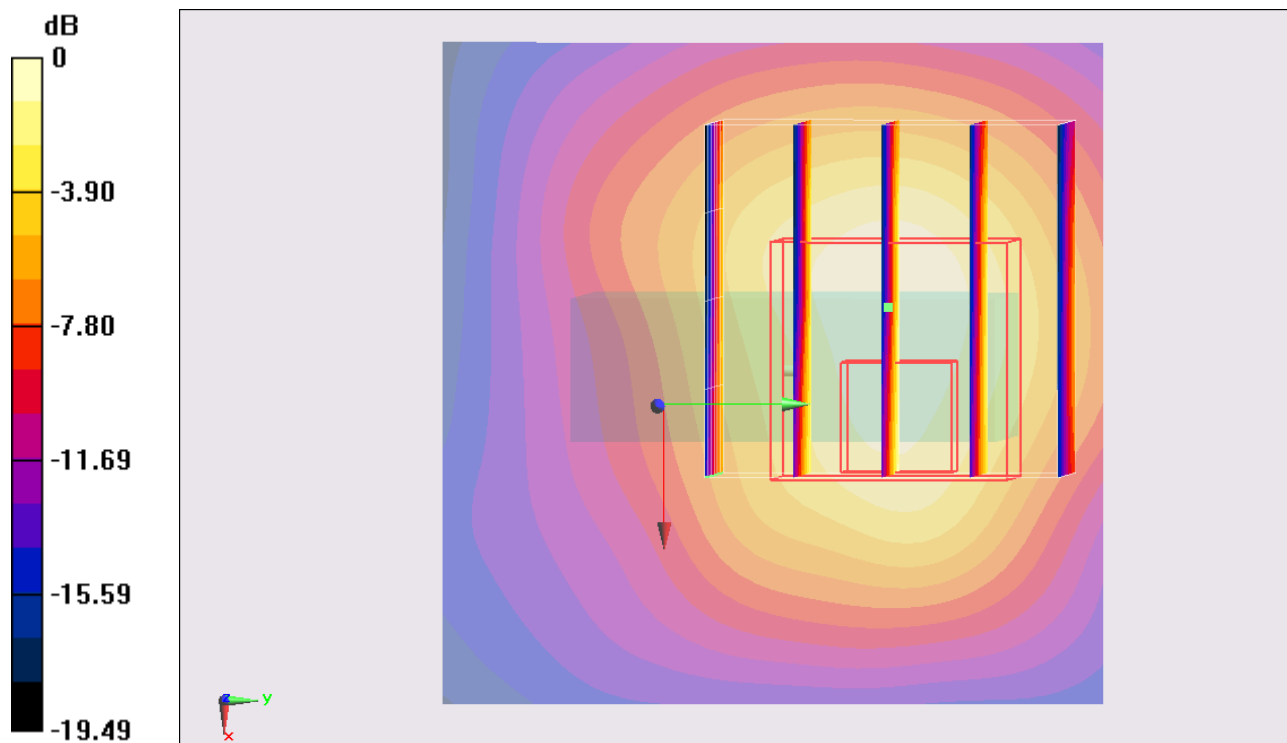
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.964 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.930 mW/g

**SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.568 mW/g**

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



0 dB = 1.35 mW/g = 2.61 dB mW/g

**#12 GSM1900\_GPRS12\_Bottom Side\_0.5cm\_Ch810****DUT: 250807**

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

Medium: MSL\_1900\_120531 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.542$  mho/m;  $\epsilon_r =$ 52.458;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch810/Area Scan (41x41x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.256 mW/g

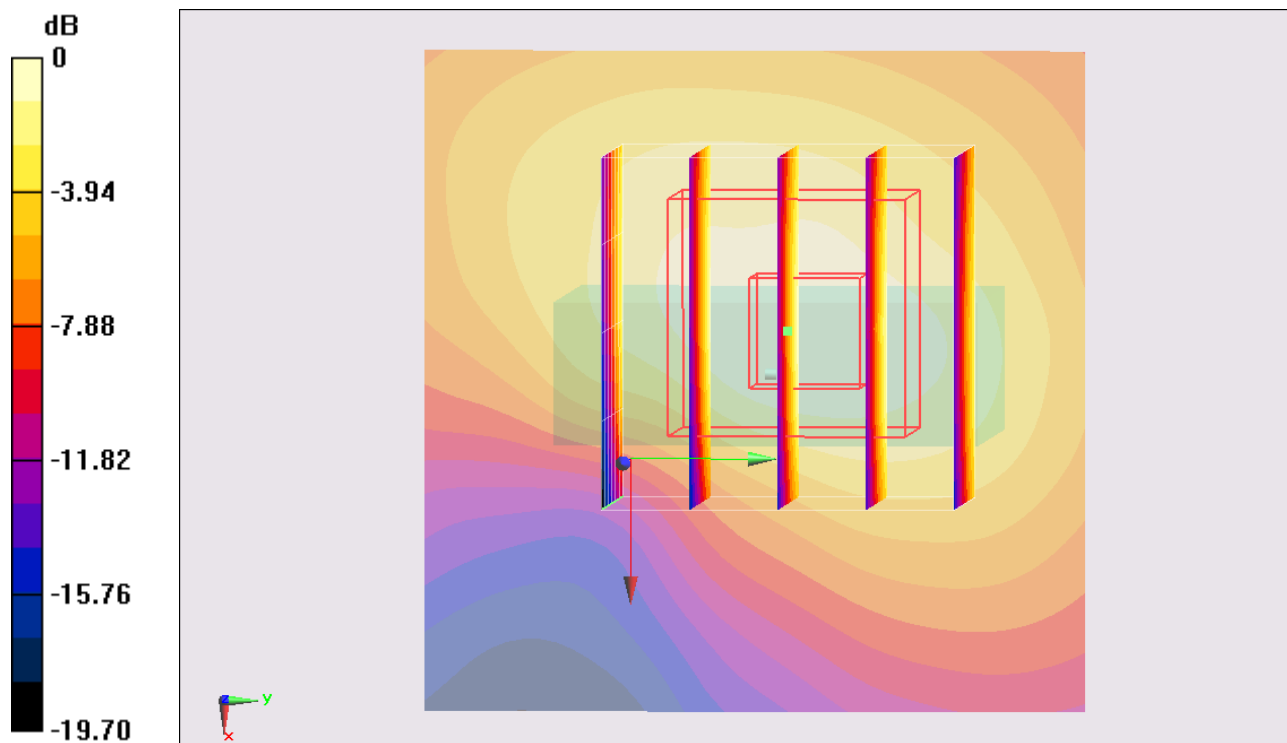
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.562 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.340 mW/g

**SAR(1 g) = 0.217 mW/g; SAR(10 g) = 0.125 mW/g**

Maximum value of SAR (measured) = 0.242 mW/g



**#13 GSM1900\_GPRS12\_Back\_0.5cm\_Ch512****DUT: 250807**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_120531 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.492$  mho/m;  $\epsilon_r =$ 52.722;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch512/Area Scan (41x41x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.06 mW/g

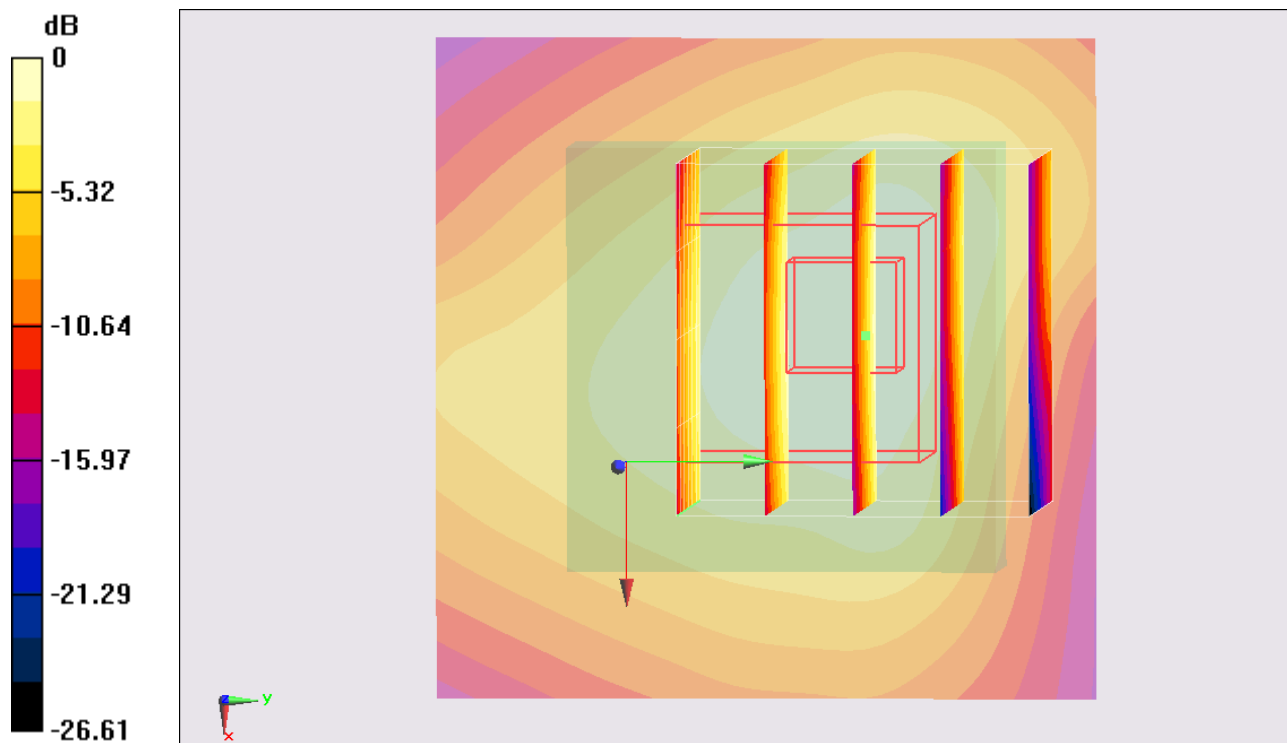
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.650 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.498 mW/g

**SAR(1 g) = 0.925 mW/g; SAR(10 g) = 0.523 mW/g**

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



0 dB = 1.03 mW/g = 0.26 dB mW/g

**#14 GSM1900\_GPRS12\_Back\_0.5cm\_Ch661****DUT: 250807**

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

Medium: MSL\_1900\_120531 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.515$  mho/m;  $\epsilon_r =$ 52.615;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch661/Area Scan (41x41x1):** Measurement grid: dx=15mm, dy=15mm

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

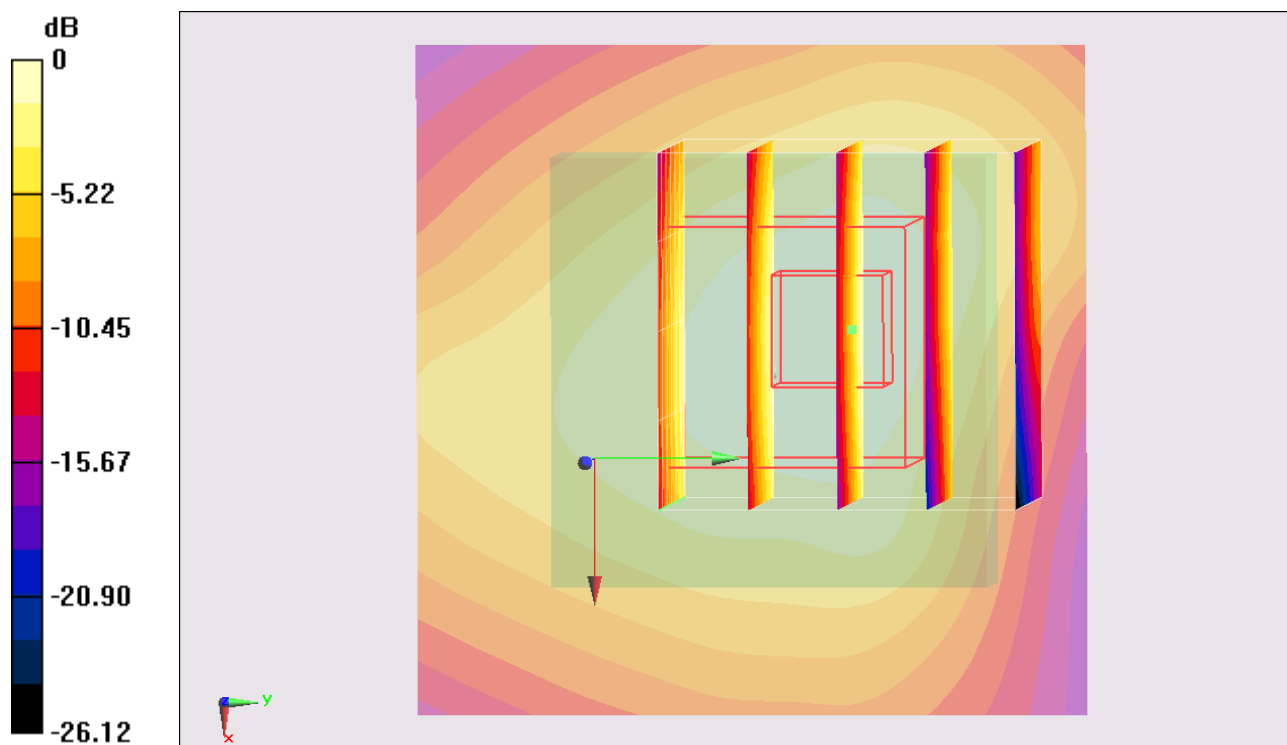
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.571 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.693 mW/g

**SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.599 mW/g**

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



0 dB = 1.17 mW/g = 1.36 dB mW/g

**#15 GSM1900\_GPRS12\_Top Side\_0.5cm\_Ch512****DUT: 250807**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_120531 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.492$  mho/m;  $\epsilon_r =$ 52.722;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch512/Area Scan (41x41x1):** Measurement grid: dx=15mm, dy=15mm

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

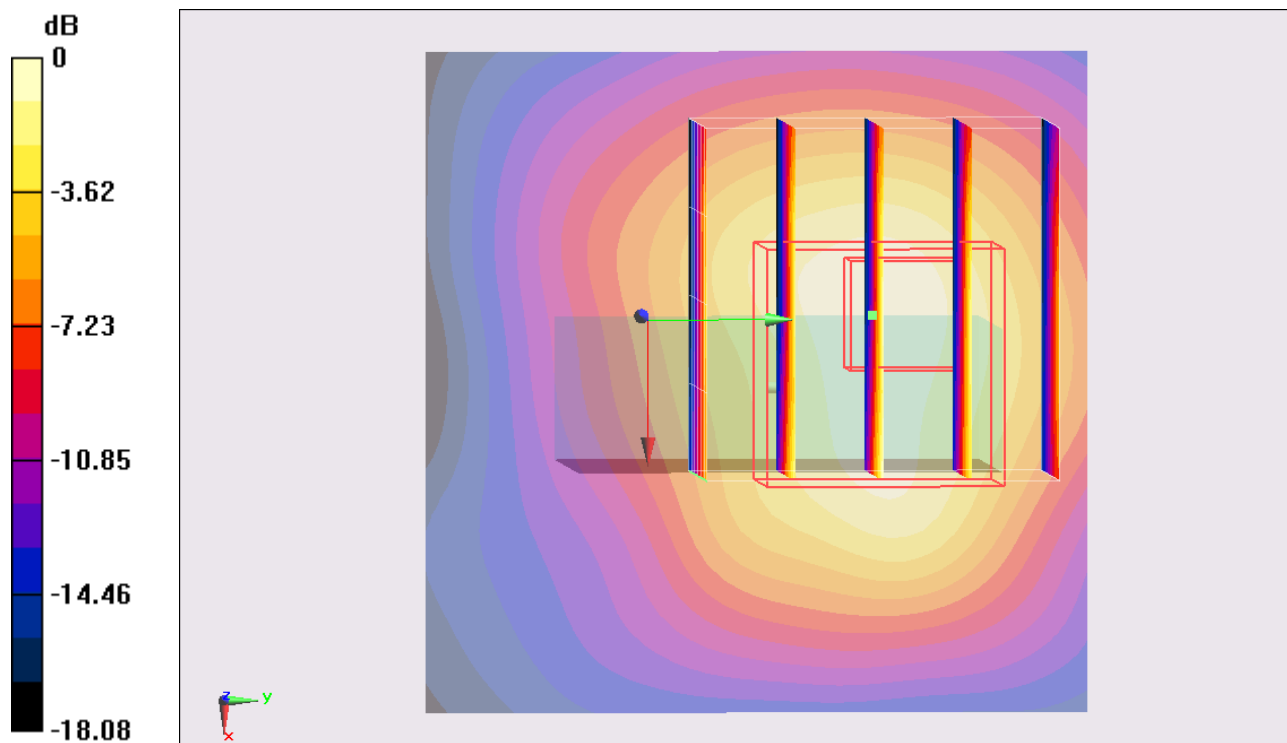
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.779 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.717 mW/g

**SAR(1 g) = 0.893 mW/g; SAR(10 g) = 0.500 mW/g**

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



**#16 GSM1900\_GPRS12\_Top Side\_0.5cm\_Ch661****DUT: 250807**

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

Medium: MSL\_1900\_120531 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.515$  mho/m;  $\epsilon_r =$ 52.615;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch661/Area Scan (41x41x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.44 mW/g

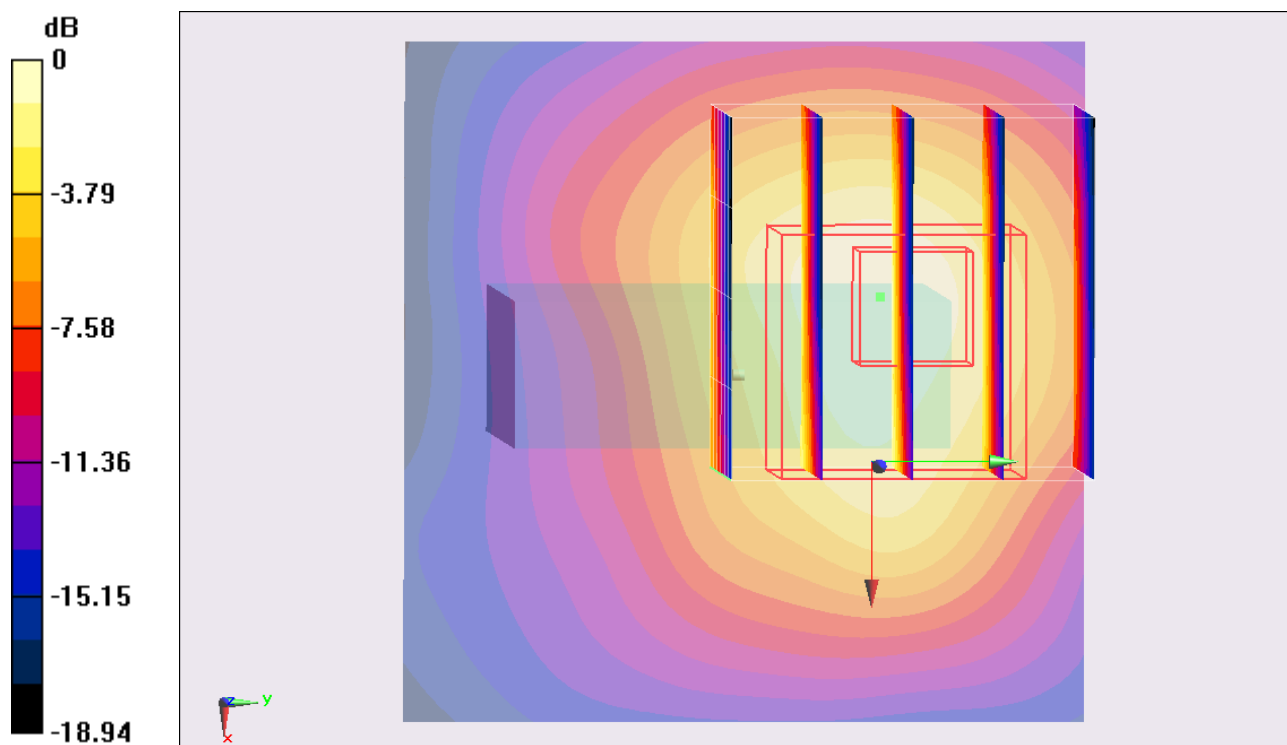
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.896 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.076 mW/g

**SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.586 mW/g**

Maximum value of SAR (measured) = 1.42 mW/g



0 dB = 1.42 mW/g = 3.05 dB mW/g