

### #08 GSM1900\_GSM Voice\_Right Cheek\_Ch810

Communication System: Generic GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3  
Medium: HSL\_1900\_130923 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.429$  mho/m;  $\epsilon_r = 40.972$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch810/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.275 W/kg

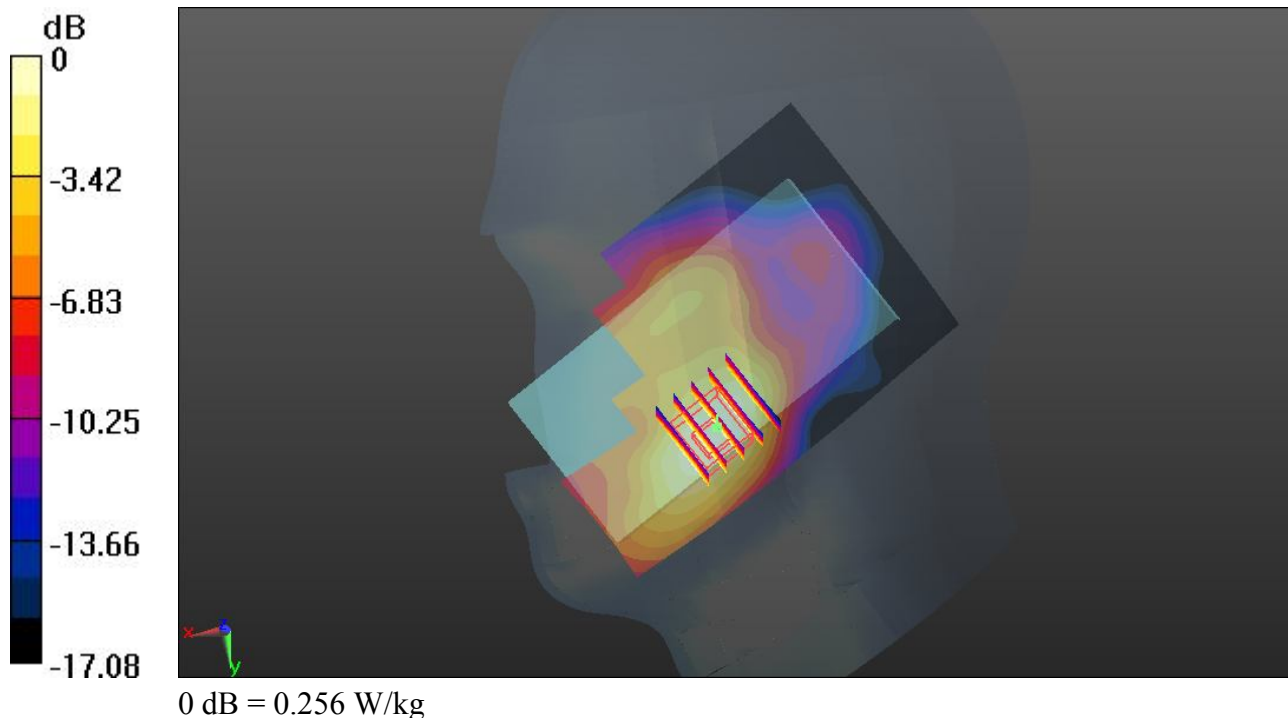
#### Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.802 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.323 mW/g

**SAR(1 g) = 0.201 mW/g; SAR(10 g) = 0.120 mW/g**

Maximum value of SAR (measured) = 0.256 W/kg



### #09 GSM1900\_GSM Voice\_Right Tilted\_Ch810

Communication System: Generic GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3  
Medium: HSL\_1900\_130923 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.429$  mho/m;  $\epsilon_r = 40.972$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch810/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0921 W/kg

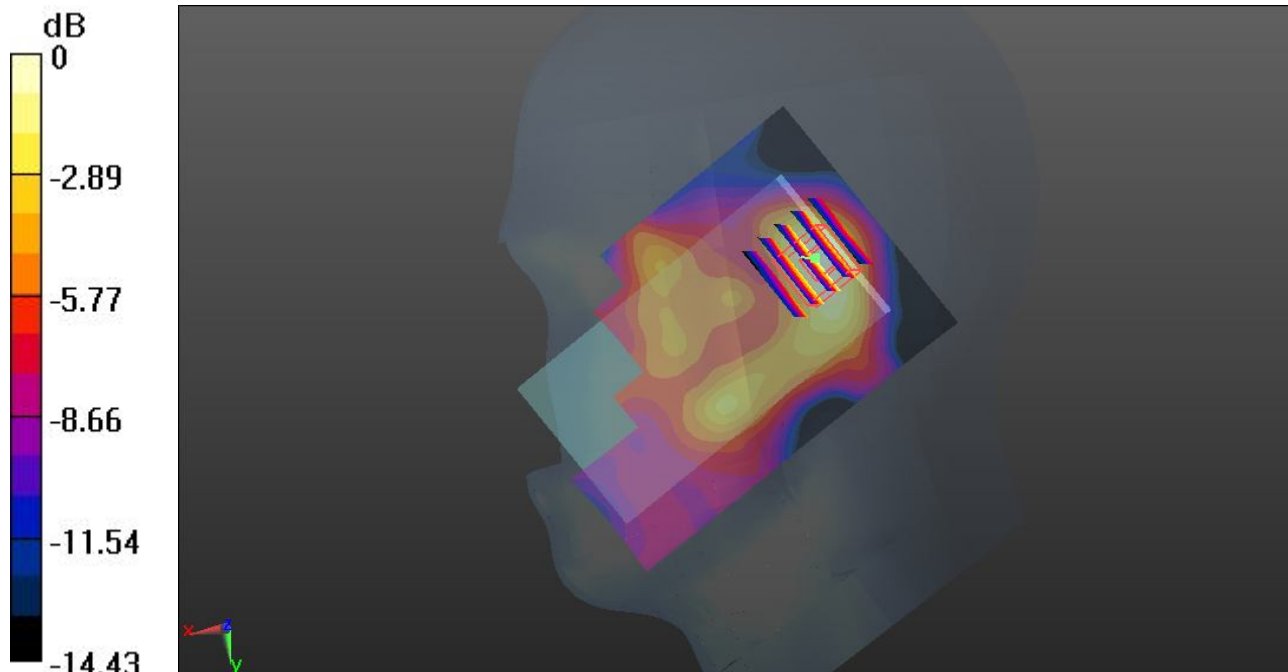
#### Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.351 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.117 mW/g

**SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.037 mW/g**

Maximum value of SAR (measured) = 0.0927 W/kg



0 dB = 0.0927 W/kg

**#10 GSM1900\_GSM Voice\_Left Cheek\_Ch810**

Communication System: Generic GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3  
 Medium: HSL\_1900\_130923 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.429$  mho/m;  $\epsilon_r = 40.972$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch810/Area Scan (71x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.201 W/kg

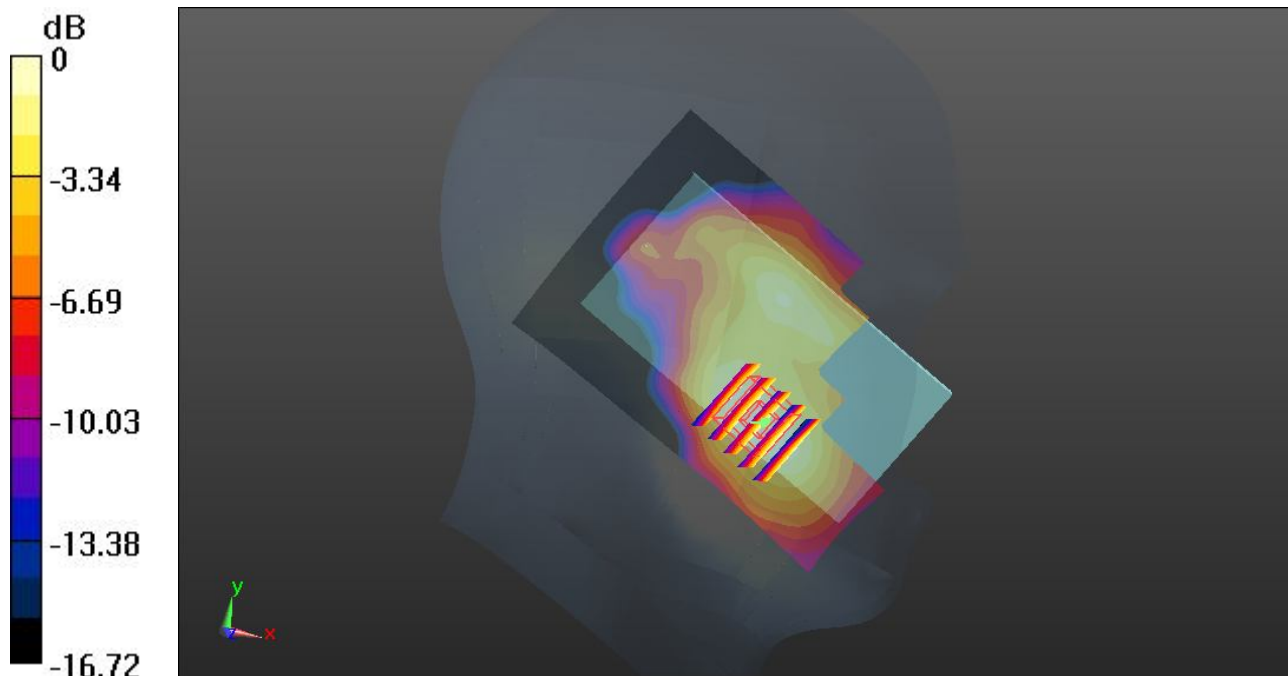
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.766 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.237 mW/g

**SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.095 mW/g**

Maximum value of SAR (measured) = 0.198 W/kg



0 dB = 0.198 W/kg

### #11 GSM1900\_GSM Voice\_Left Tilted\_Ch810

Communication System: Generic GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3  
Medium: HSL\_1900\_130923 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.429$  mho/m;  $\epsilon_r = 40.972$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch810/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.140 W/kg

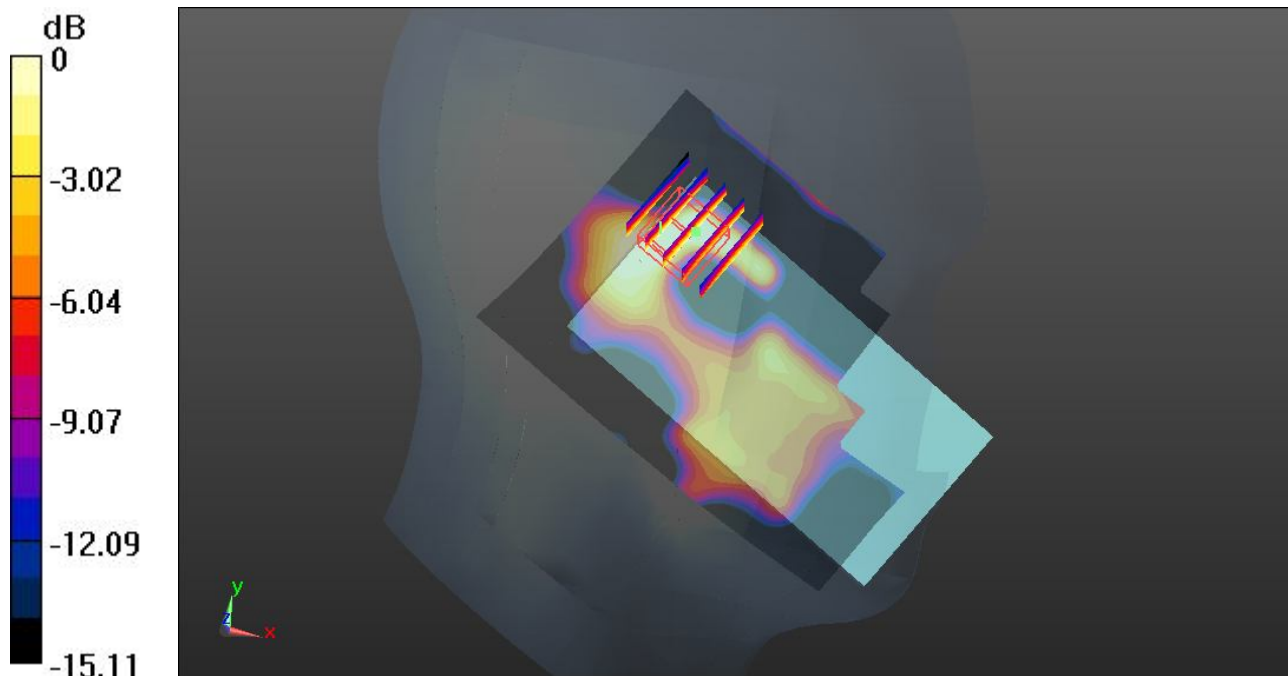
#### Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.457 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.111 mW/g

**SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.040 mW/g**

Maximum value of SAR (measured) = 0.0890 W/kg



0 dB = 0.0890 W/kg

### #21 WLAN2.4GHz\_802.11b\_Right Cheek\_Ch1

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL\_2450\_130927 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.834$  mho/m;  $\epsilon_r =$

$40.615$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature :  $23.3$  °C ; Liquid Temperature :  $22.6$  °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch1/Area Scan (71x131x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.449 W/kg

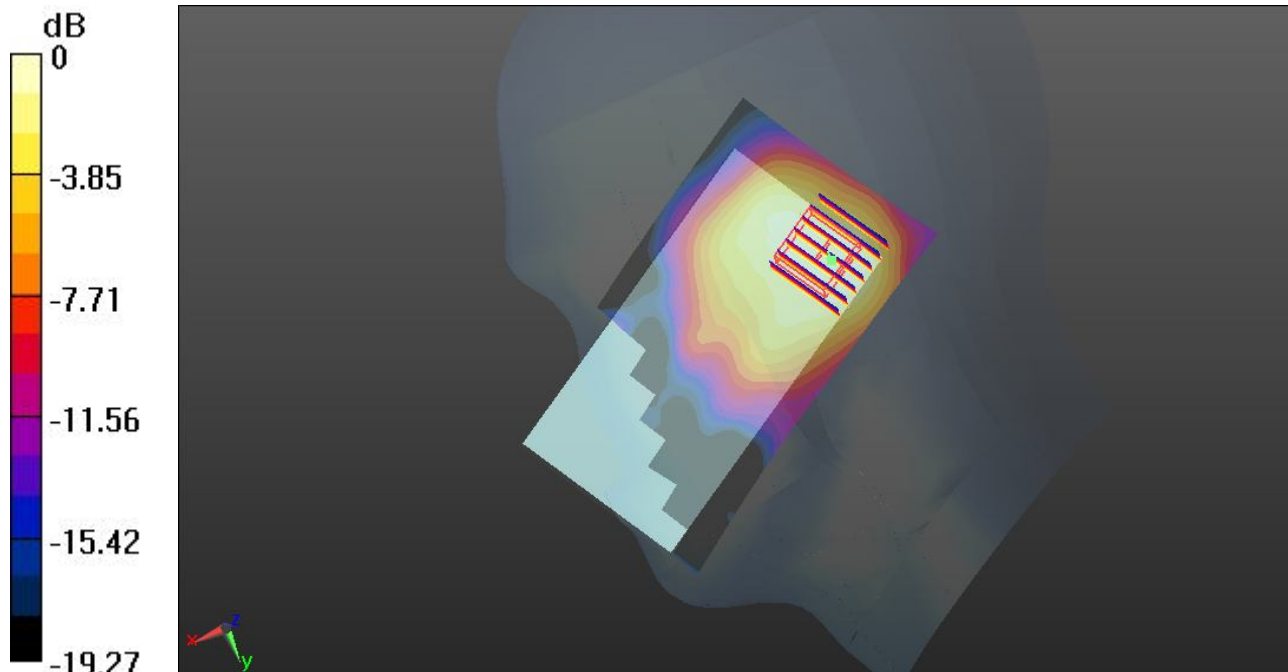
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.366 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.544 mW/g

**SAR(1 g) = 0.299 mW/g; SAR(10 g) = 0.167 mW/g**

Maximum value of SAR (measured) = 0.422 W/kg



0 dB = 0.422 W/kg

### #22 WLAN2.4GHz\_802.11b\_Right Tilted\_Ch1

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL\_2450\_130927 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.834$  mho/m;  $\epsilon_r =$

$40.615$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature :  $23.3$  °C ; Liquid Temperature :  $22.6$  °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch1/Area Scan (71x131x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.430 W/kg

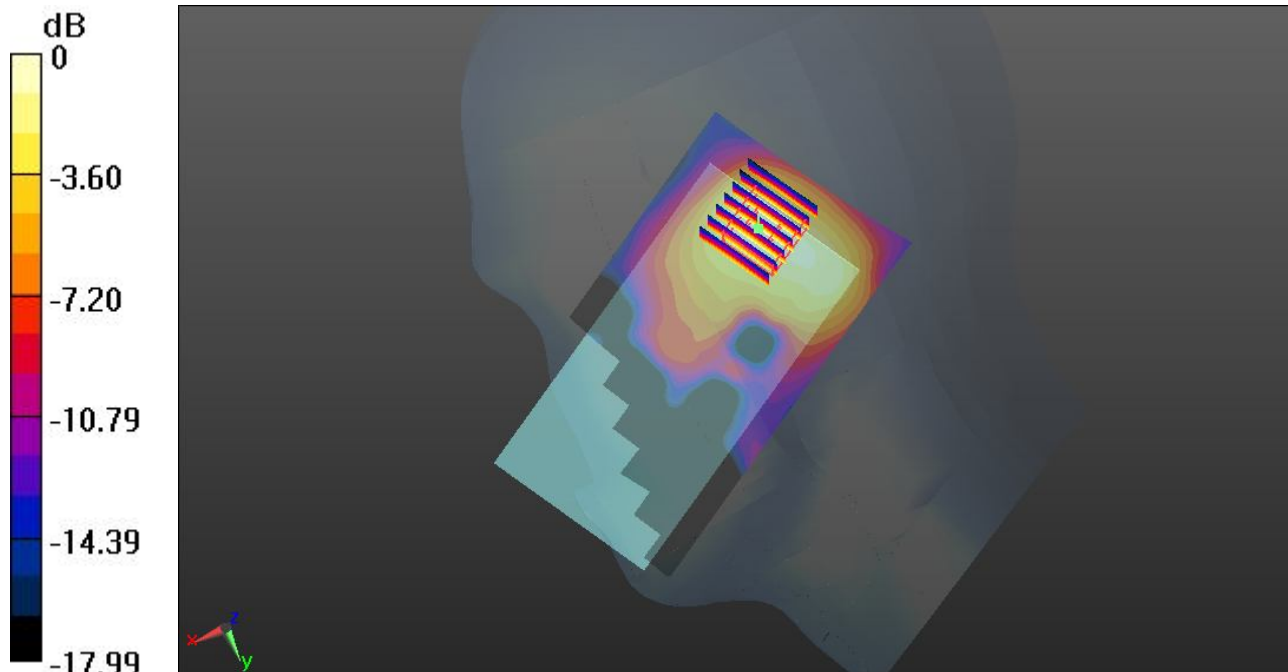
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.840 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.485 mW/g

**SAR(1 g) = 0.268 mW/g; SAR(10 g) = 0.142 mW/g**

Maximum value of SAR (measured) = 0.375 W/kg



0 dB = 0.375 W/kg

### #23 WLAN2.4GHz\_802.11b\_Left Cheek\_Ch1

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL\_2450\_130927 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.834$  mho/m;  $\epsilon_r =$

$40.615$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature :  $23.3$  °C ; Liquid Temperature :  $22.6$  °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch1/Area Scan (71x131x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.988 W/kg

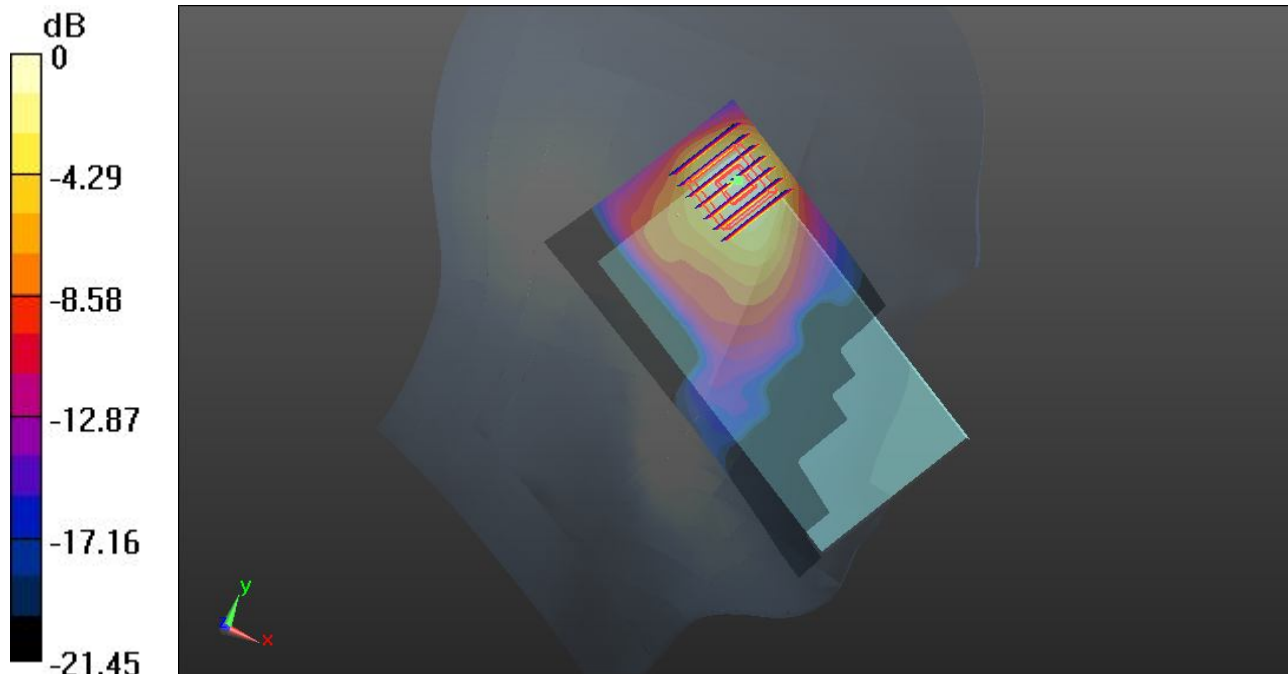
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.852 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.317 mW/g

**SAR(1 g) = 0.605 mW/g; SAR(10 g) = 0.295 mW/g**

Maximum value of SAR (measured) = 0.918 W/kg



### #24 WLAN2.4GHz\_802.11b\_Left Tilted\_Ch1

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL\_2450\_130927 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.834$  mho/m;  $\epsilon_r =$

$40.615$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature :  $23.3$  °C ; Liquid Temperature :  $22.6$  °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch1/Area Scan (71x131x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.742 W/kg

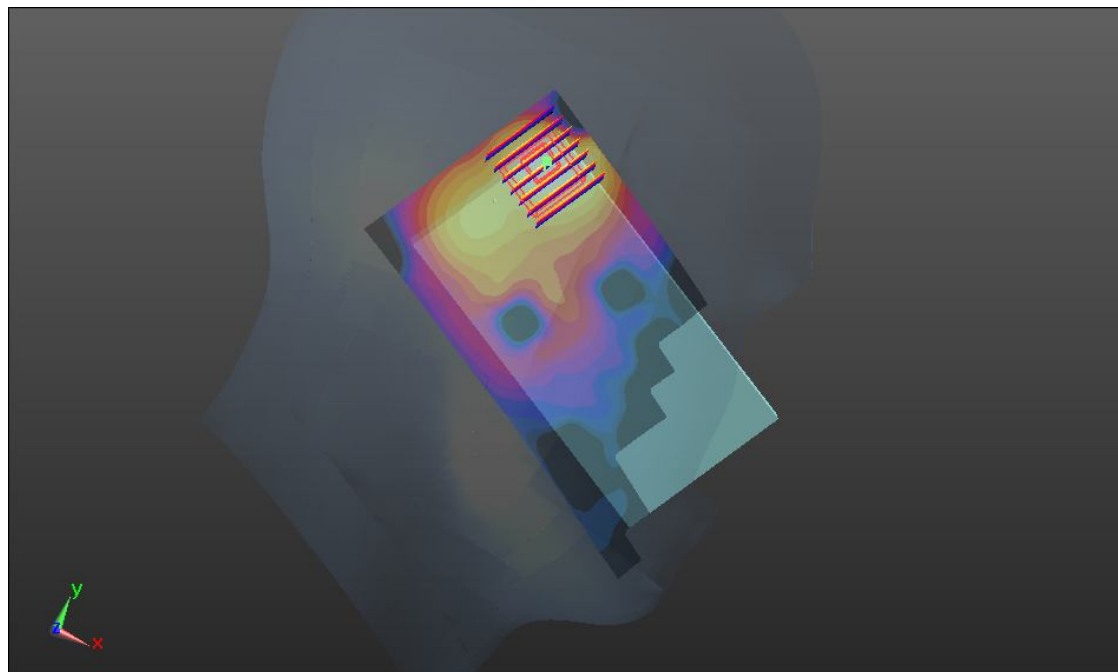
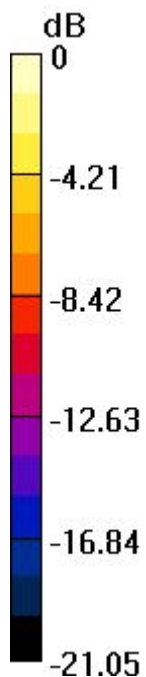
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.363 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.840 mW/g

**SAR(1 g) = 0.364 mW/g; SAR(10 g) = 0.172 mW/g**

Maximum value of SAR (measured) = 0.552 W/kg



0 dB = 0.552 W/kg

### #01 GSM1900\_GPRS(2 Tx slots)\_Front\_1cm\_Ch810

Communication System: GPRS/EDGE10; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15  
Medium: MSL\_1900\_130923 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.554$  mho/m;  $\epsilon_r = 52.493$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch810/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.968 W/kg

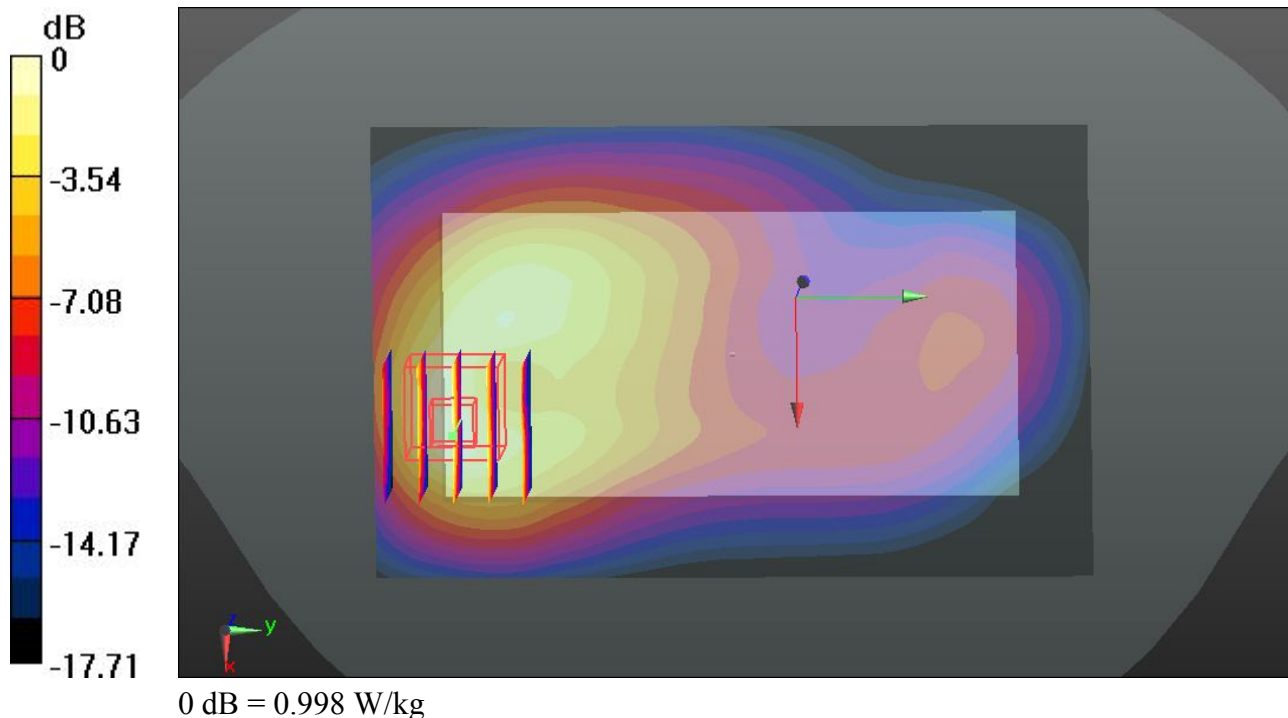
#### Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.677 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.221 mW/g

**SAR(1 g) = 0.710 mW/g; SAR(10 g) = 0.384 mW/g**

Maximum value of SAR (measured) = 0.998 W/kg



**#02 GSM1900\_GPRS(2 Tx slots)\_Back\_1cm\_Ch810**

Communication System: GPRS/EDGE10; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15  
Medium: MSL\_1900\_130923 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.554$  mho/m;  $\epsilon_r = 52.493$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch810/Area Scan (71x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.838 W/kg

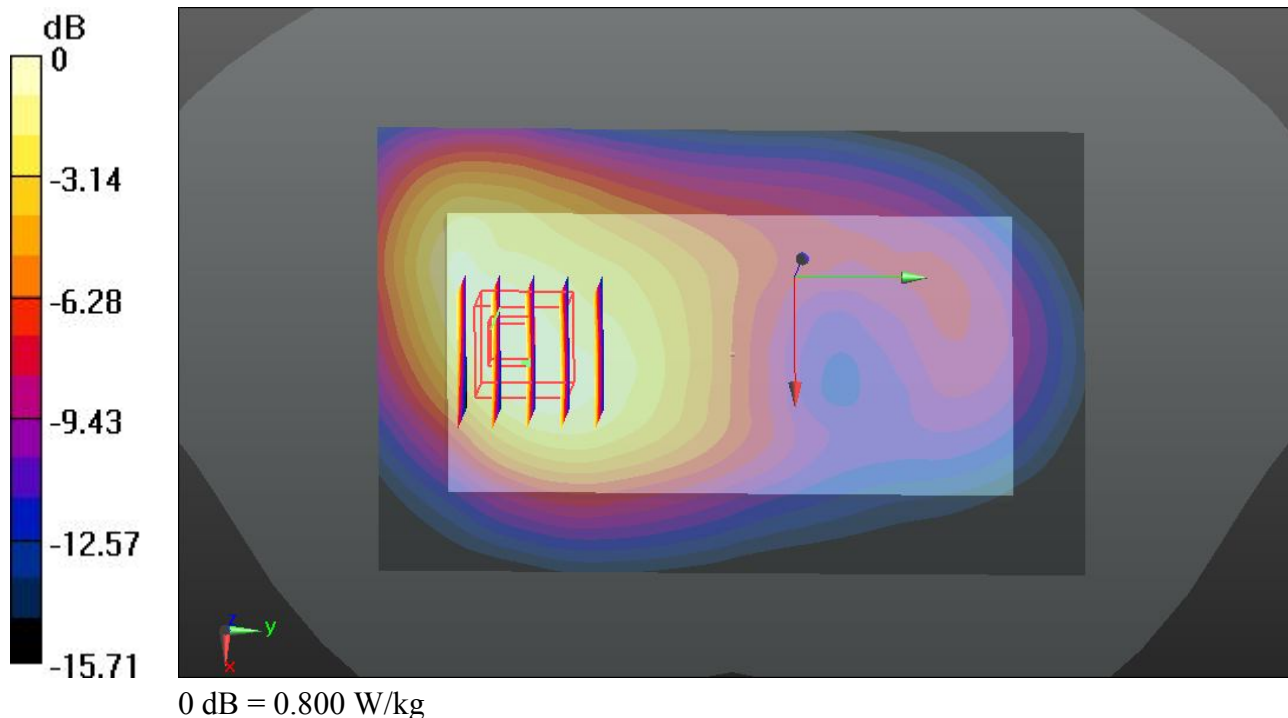
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.009 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.986 mW/g

**SAR(1 g) = 0.617 mW/g; SAR(10 g) = 0.375 mW/g**

Maximum value of SAR (measured) = 0.800 W/kg



### #04 GSM1900\_GPRS(2 Tx slots)\_Right Side\_1cm\_Ch810

Communication System: GPRS/EDGE10; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15  
Medium: MSL\_1900\_130923 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.554$  mho/m;  $\epsilon_r = 52.493$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch810/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.340 W/kg

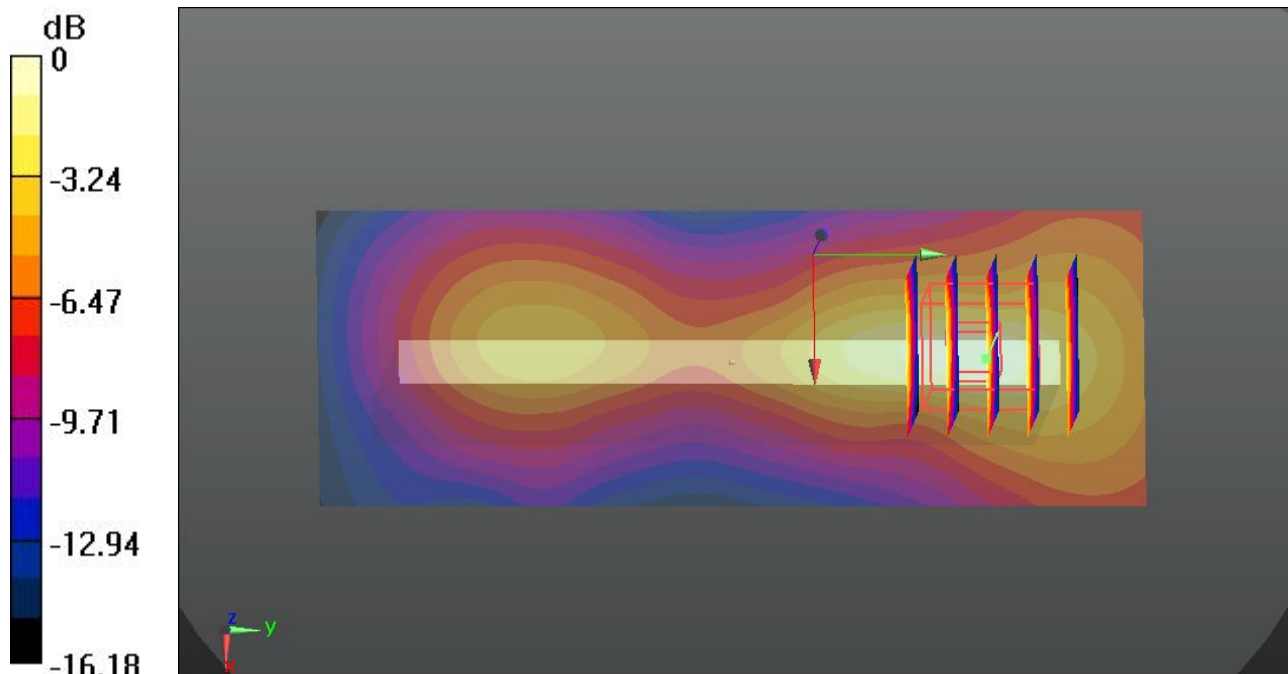
#### Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.108 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.444 mW/g

**SAR(1 g) = 0.239 mW/g; SAR(10 g) = 0.131 mW/g**

Maximum value of SAR (measured) = 0.349 W/kg



0 dB = 0.349 W/kg

**#05 GSM1900\_GPRS(2 Tx slots)\_Bottom Side\_1cm\_Ch810**

Communication System: GPRS/EDGE10; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15  
 Medium: MSL\_1900\_130923 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.554$  mho/m;  $\epsilon_r = 52.493$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch810/Area Scan (41x71x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.992 W/kg

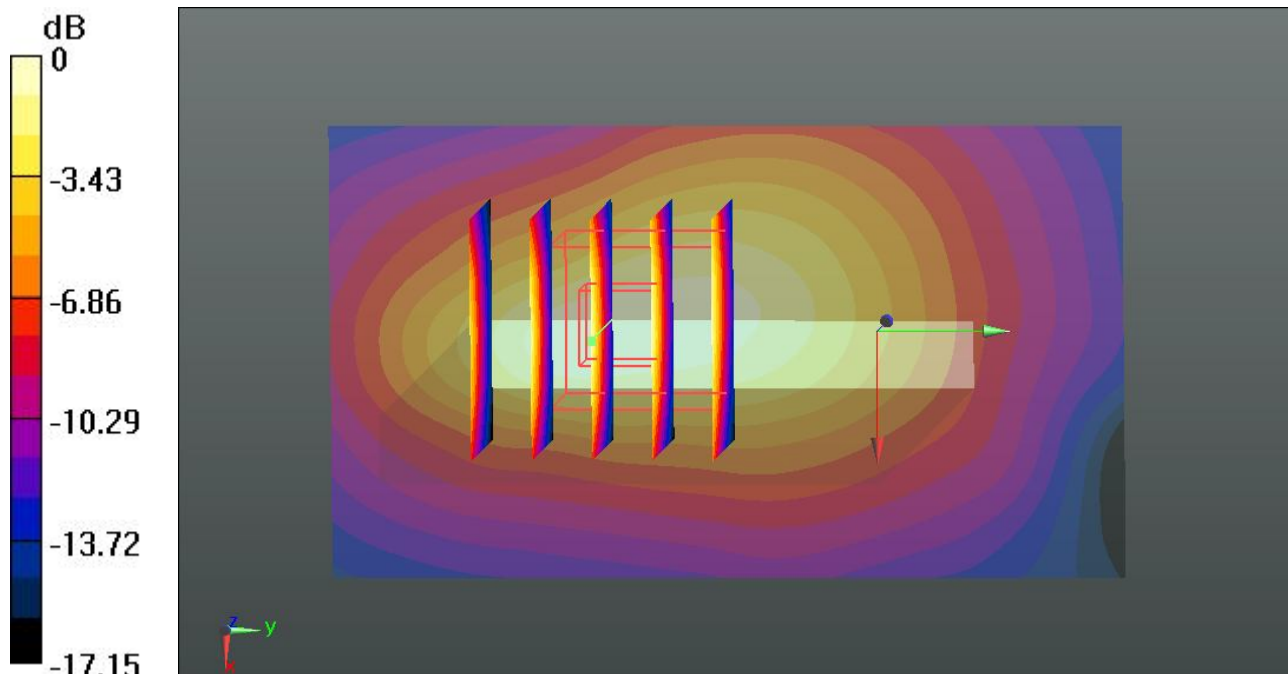
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.633 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.234 mW/g

**SAR(1 g) = 0.713 mW/g; SAR(10 g) = 0.386 mW/g**

Maximum value of SAR (measured) = 0.975 W/kg



0 dB = 0.975 W/kg

### #12 GSM1900\_GPRS(2 Tx slots)\_Front\_1cm\_Ch512

Communication System: GPRS/EDGE10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15  
Medium: MSL\_1900\_130923 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.486$  mho/m;  $\epsilon_r = 52.686$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch512/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.891 W/kg

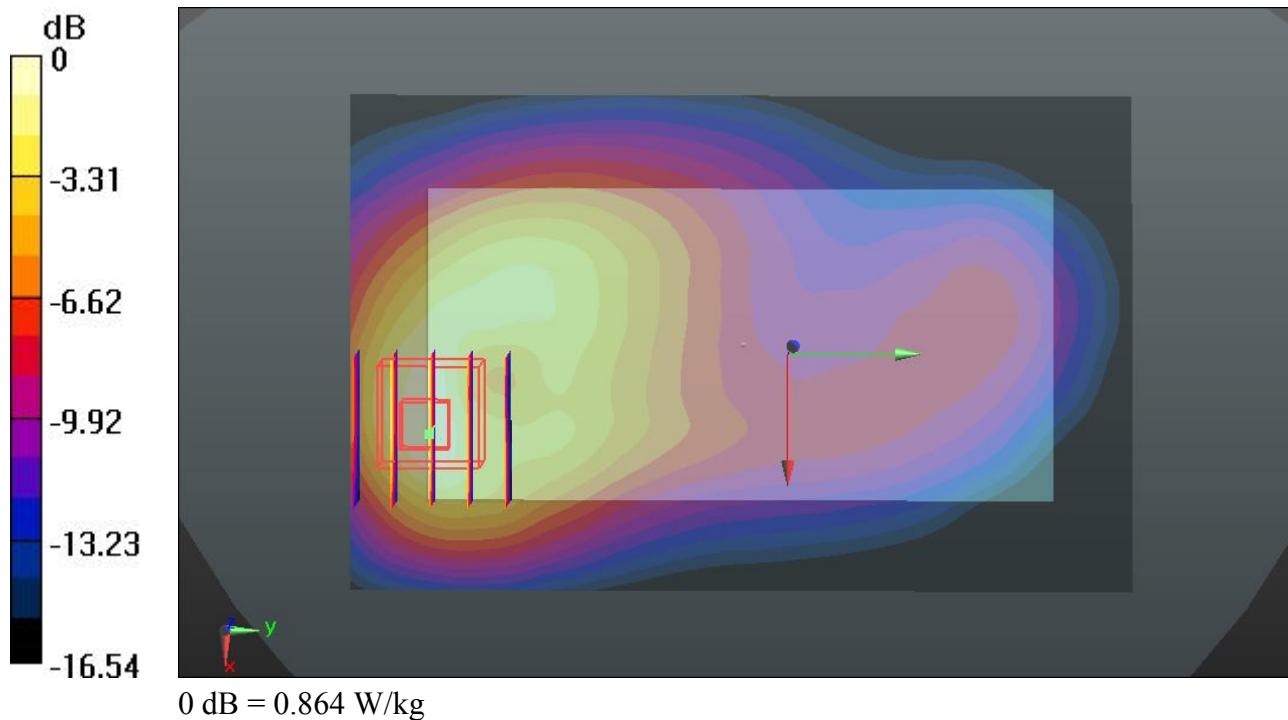
#### Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.661 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.044 mW/g

**SAR(1 g) = 0.614 mW/g; SAR(10 g) = 0.334 mW/g**

Maximum value of SAR (measured) = 0.864 W/kg



### #13 GSM1900\_GPRS(2 Tx slots)\_Front\_1cm\_Ch661

Communication System: GPRS/EDGE10; Frequency: 1880 MHz; Duty Cycle: 1:4.15  
Medium: MSL\_1900\_130923 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 52.589$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch661/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.981 W/kg

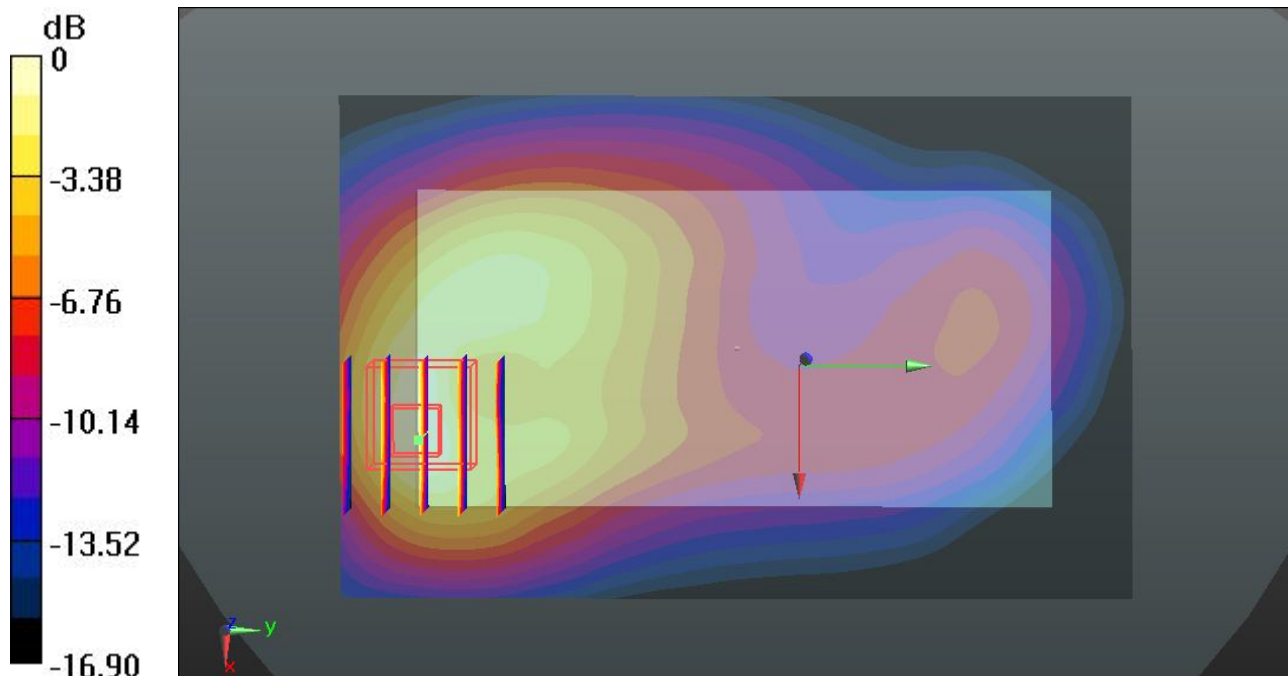
#### Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.487 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.155 mW/g

**SAR(1 g) = 0.675 mW/g; SAR(10 g) = 0.369 mW/g**

Maximum value of SAR (measured) = 0.952 W/kg



0 dB = 0.952 W/kg

### #14 GSM1900\_GPRS(2 Tx slots)\_Bottom Side\_1cm\_Ch512

Communication System: GPRS/EDGE10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15  
Medium: MSL\_1900\_130923 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.486$  mho/m;  $\epsilon_r = 52.686$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch512/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.996 W/kg

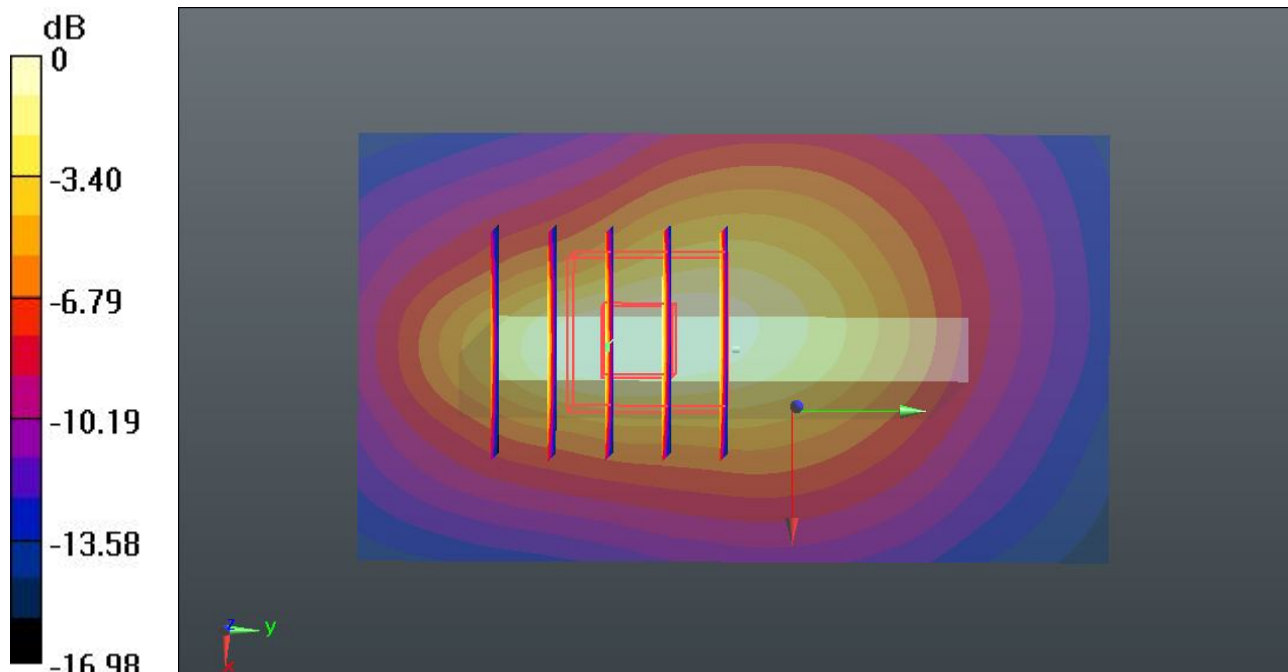
#### Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.249 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.213 mW/g

**SAR(1 g) = 0.707 mW/g; SAR(10 g) = 0.384 mW/g**

Maximum value of SAR (measured) = 0.970 W/kg



0 dB = 0.970 W/kg

### #15 GSM1900\_GPRS(2 Tx slots)\_Bottom Side\_1cm\_Ch661

Communication System: GPRS/EDGE10; Frequency: 1880 MHz; Duty Cycle: 1:4.15  
Medium: MSL\_1900\_130923 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 52.589$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 1.08 W/kg

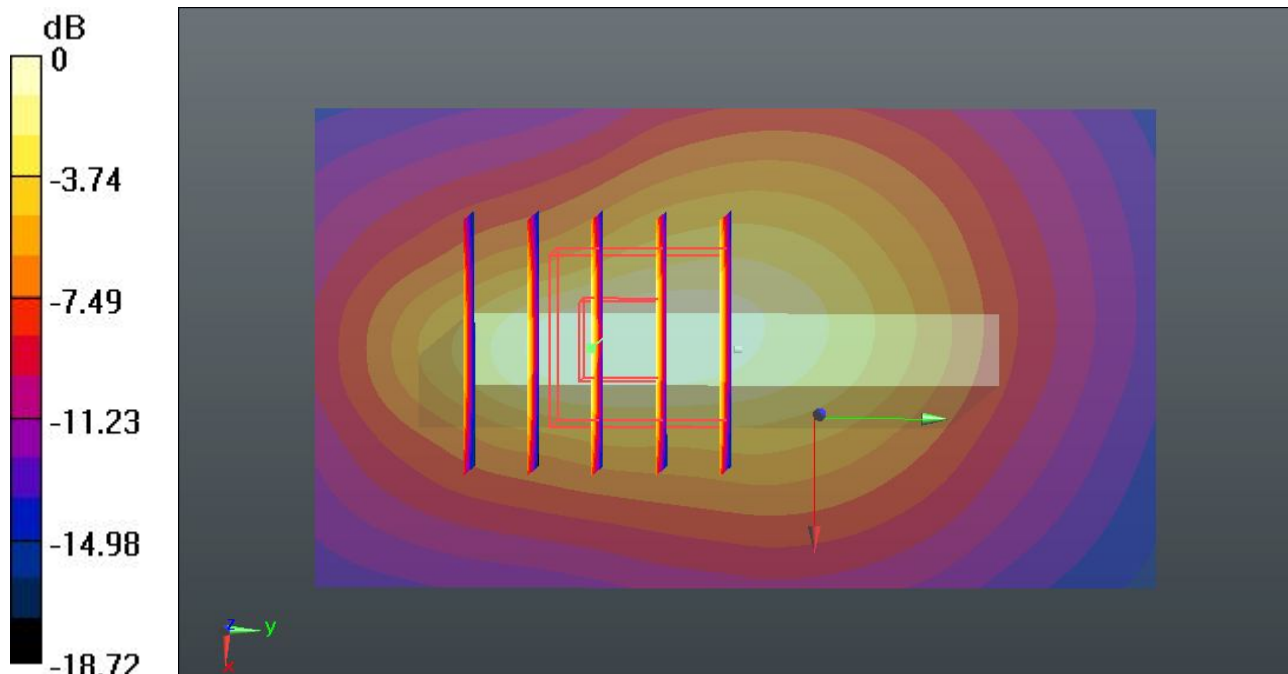
#### Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.059 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.348 mW/g

**SAR(1 g) = 0.772 mW/g; SAR(10 g) = 0.417 mW/g**

Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg

**#31 WLAN2.4GHz\_802.11b\_Front\_1cm\_Ch1**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1  
 Medium: MSL\_2450\_130927 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.899 \text{ mho/m}$ ;  $\epsilon_r = 51.803$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$  ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch1/Area Scan (81x131x1):** Interpolated grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

Maximum value of SAR (interpolated) =  $0.207 \text{ W/kg}$

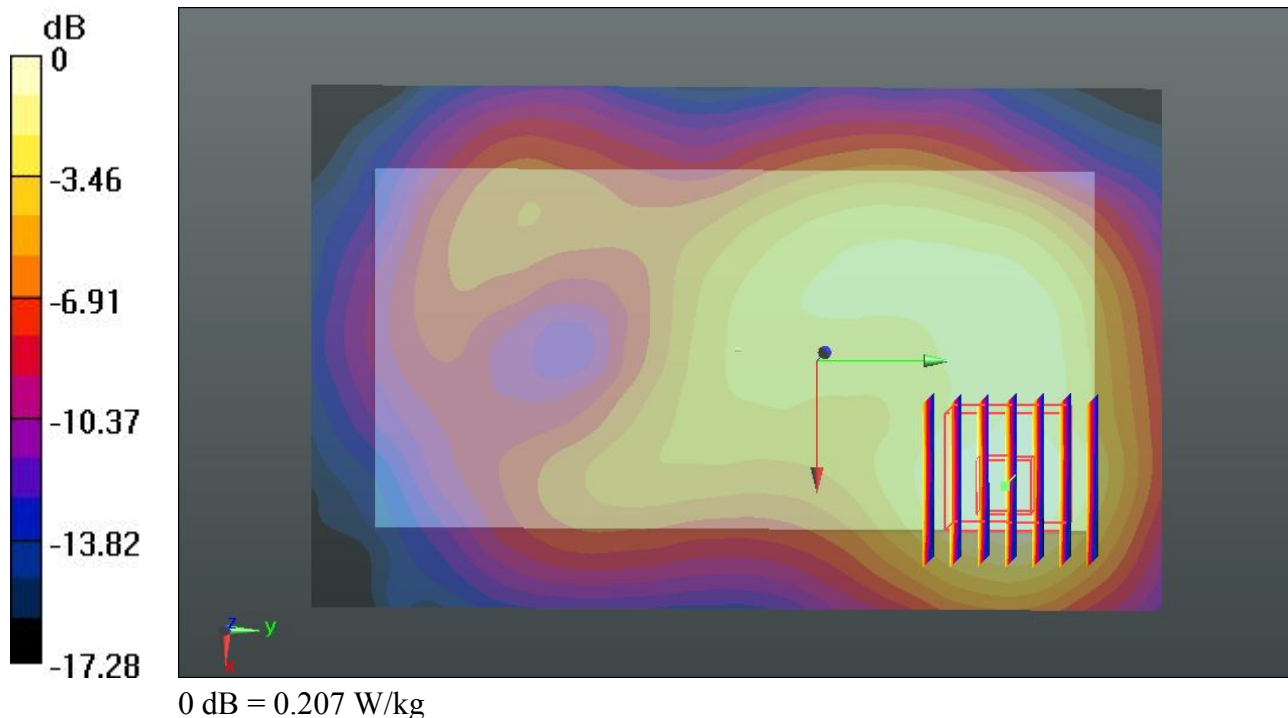
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $10.539 \text{ V/m}$ ; Power Drift =  $-0.08 \text{ dB}$

Peak SAR (extrapolated) =  $0.280 \text{ mW/g}$

**SAR(1 g) =  $0.144 \text{ mW/g}$ ; SAR(10 g) =  $0.078 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.207 \text{ W/kg}$



**#32 WLAN2.4GHz\_802.11b\_Back\_1cm\_Ch1**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_130927 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.899$  mho/m;  $\epsilon_r =$

$51.803$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch1/Area Scan (81x131x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.239 W/kg

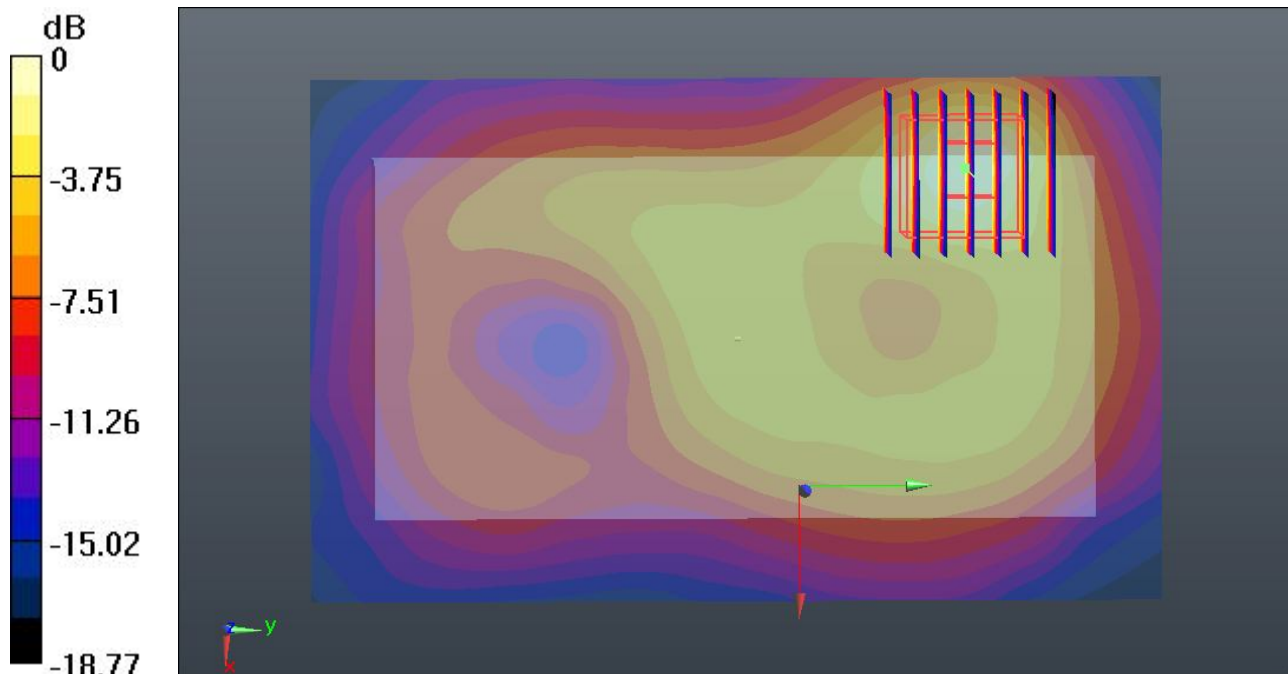
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.182 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.349 mW/g

**SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.077 mW/g**

Maximum value of SAR (measured) = 0.249 W/kg



0 dB = 0.249 W/kg

### #33 WLAN2.4GHz\_802.11b\_Right Side\_1cm\_Ch1

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_130927 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.899$  mho/m;  $\epsilon_r =$

$51.803$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature :  $23.4$  °C ; Liquid Temperature :  $22.5$  °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch1/Area Scan (41x151x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.174 W/kg

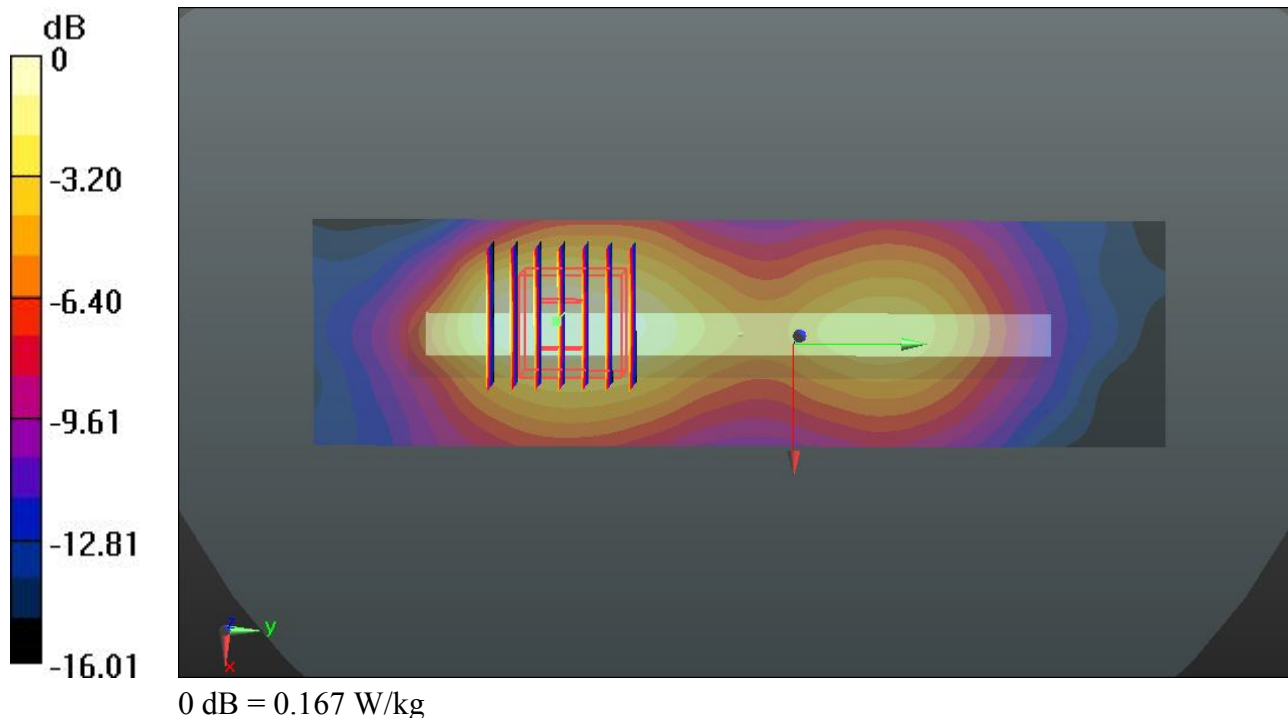
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.546 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.223 mW/g

**SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.062 mW/g**

Maximum value of SAR (measured) = 0.167 W/kg



### #34 WLAN2.4GHz\_802.11b\_Top Side\_1cm\_Ch1

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_130927 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.899$  mho/m;  $\epsilon_r =$

$51.803$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature :  $23.4$  °C ; Liquid Temperature :  $22.5$  °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch1/Area Scan (41x101x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.170 W/kg

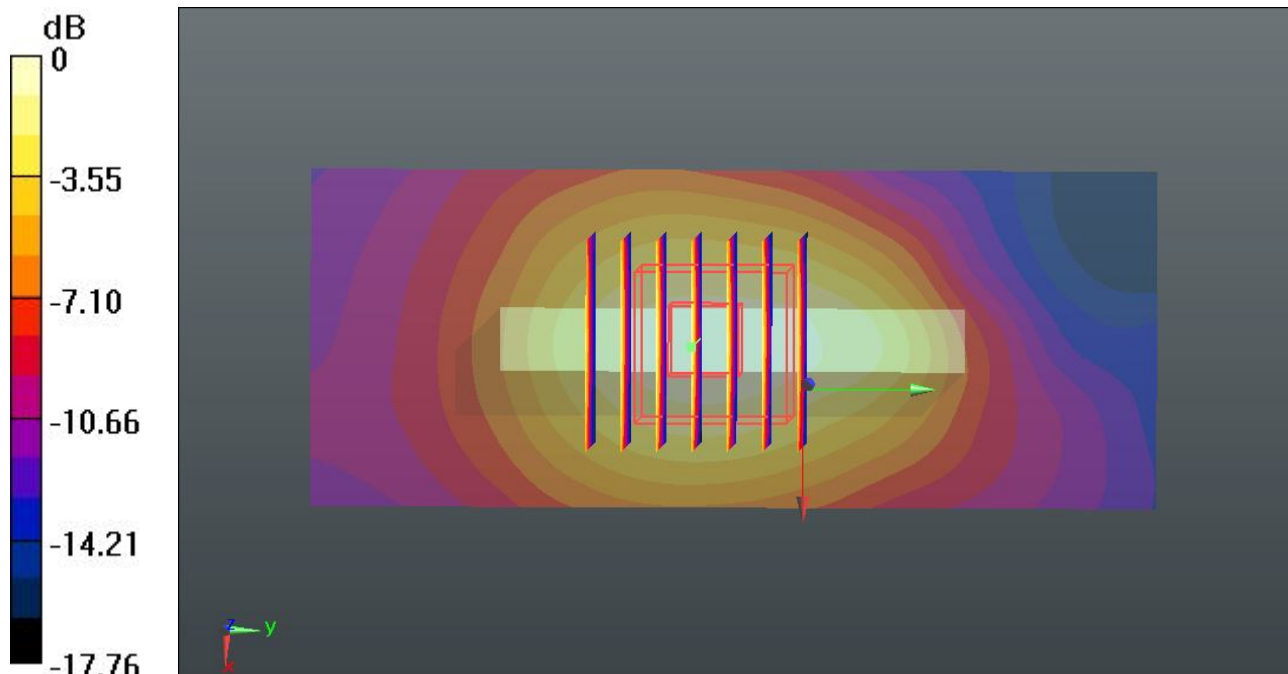
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.444 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.235 mW/g

**SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.067 mW/g**

Maximum value of SAR (measured) = 0.178 W/kg



0 dB = 0.178 W/kg

**#06 GSM1900\_GSM Voice\_Front\_1cm\_Ch810**

Communication System: Generic GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3  
 Medium: MSL\_1900\_130923 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.554$  mho/m;  $\epsilon_r = 52.493$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch810/Area Scan (71x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.468 W/kg

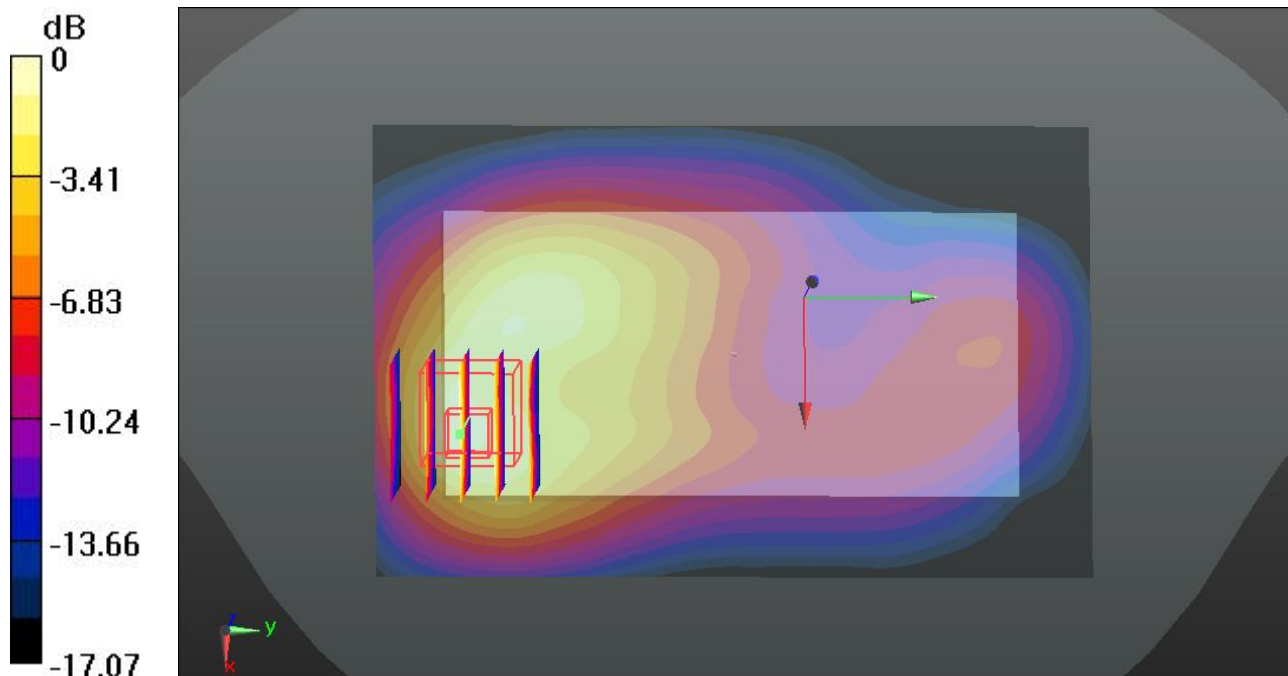
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.654 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.644 mW/g

**SAR(1 g) = 0.376 mW/g; SAR(10 g) = 0.205 mW/g**

Maximum value of SAR (measured) = 0.521 W/kg



0 dB = 0.521 W/kg

### #07 GSM1900\_GSM Voice\_Back\_1cm\_Ch810

Communication System: Generic GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3  
Medium: MSL\_1900\_130923 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.554$  mho/m;  $\epsilon_r = 52.493$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch810/Area Scan (71x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.492 W/kg

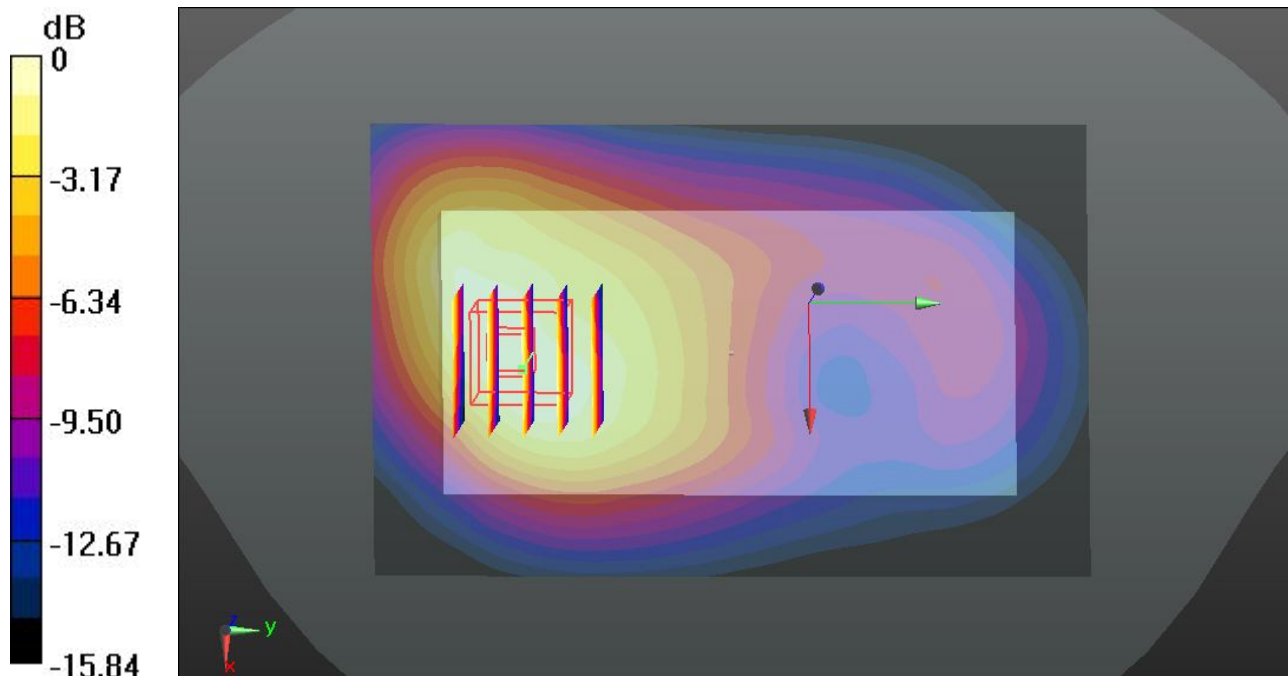
#### Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.700 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.573 mW/g

**SAR(1 g) = 0.359 mW/g; SAR(10 g) = 0.217 mW/g**

Maximum value of SAR (measured) = 0.466 W/kg



0 dB = 0.466 W/kg