

**#01\_CDMA2000 BC0\_RETAP 4096\_Left Cheek\_Ch1013**

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL\_835\_140115 Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.895$  mho/m;  $\epsilon_r = 42.385$ ;

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(9.35, 9.35, 9.35); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch1013/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.485 mW/g

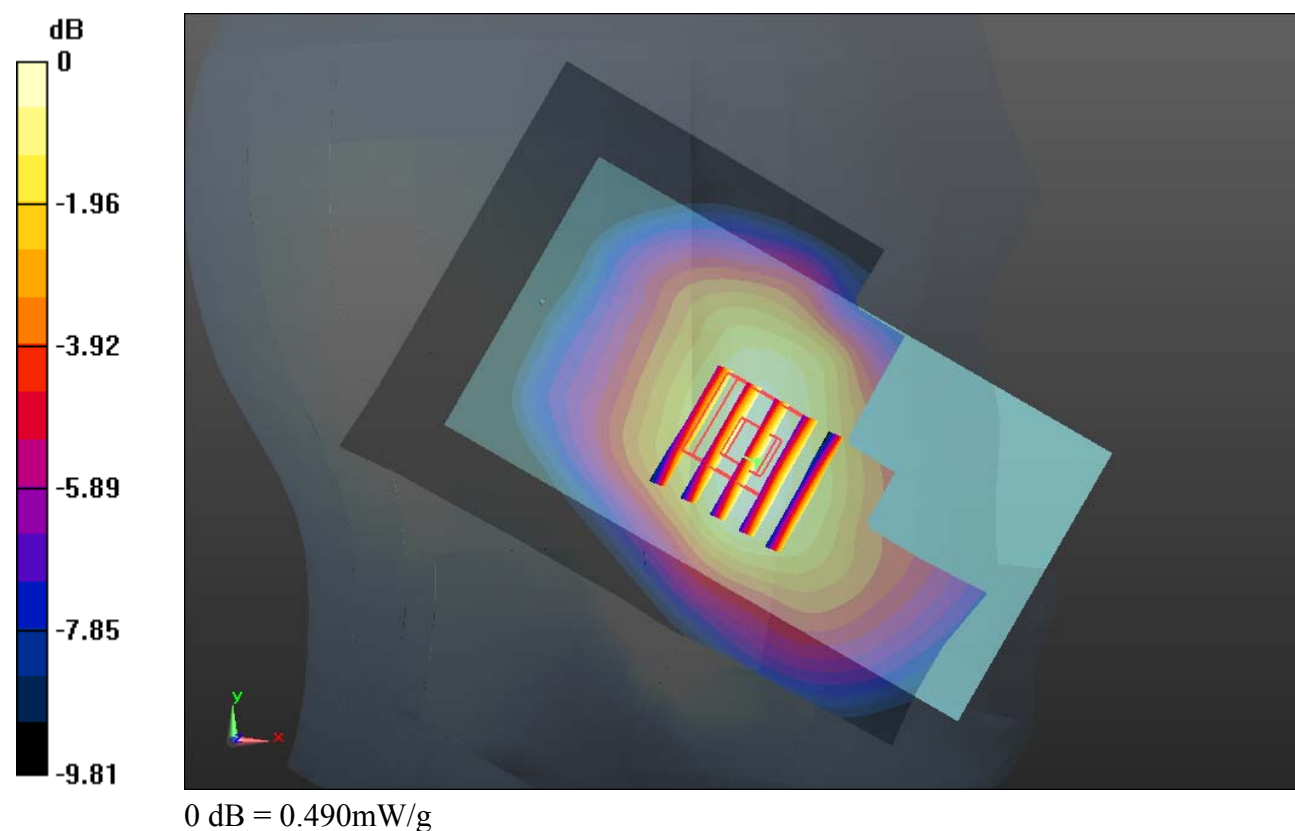
**Ch1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.437 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.537 W/kg

**SAR(1 g) = 0.430 mW/g; SAR(10 g) = 0.326 mW/g**

Maximum value of SAR (measured) = 0.489 mW/g



**#02\_CDMA2000 BC1\_RC3 SO55\_Left Check\_Ch600**

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_140119 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.403$  mho/m;  $\epsilon_r =$

$38.972$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature :  $23.2$  °C ; Liquid Temperature :  $22.9$  °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(8.04, 8.04, 8.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch600/Area Scan (71x121x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (interpolated) =  $1.085$  mW/g

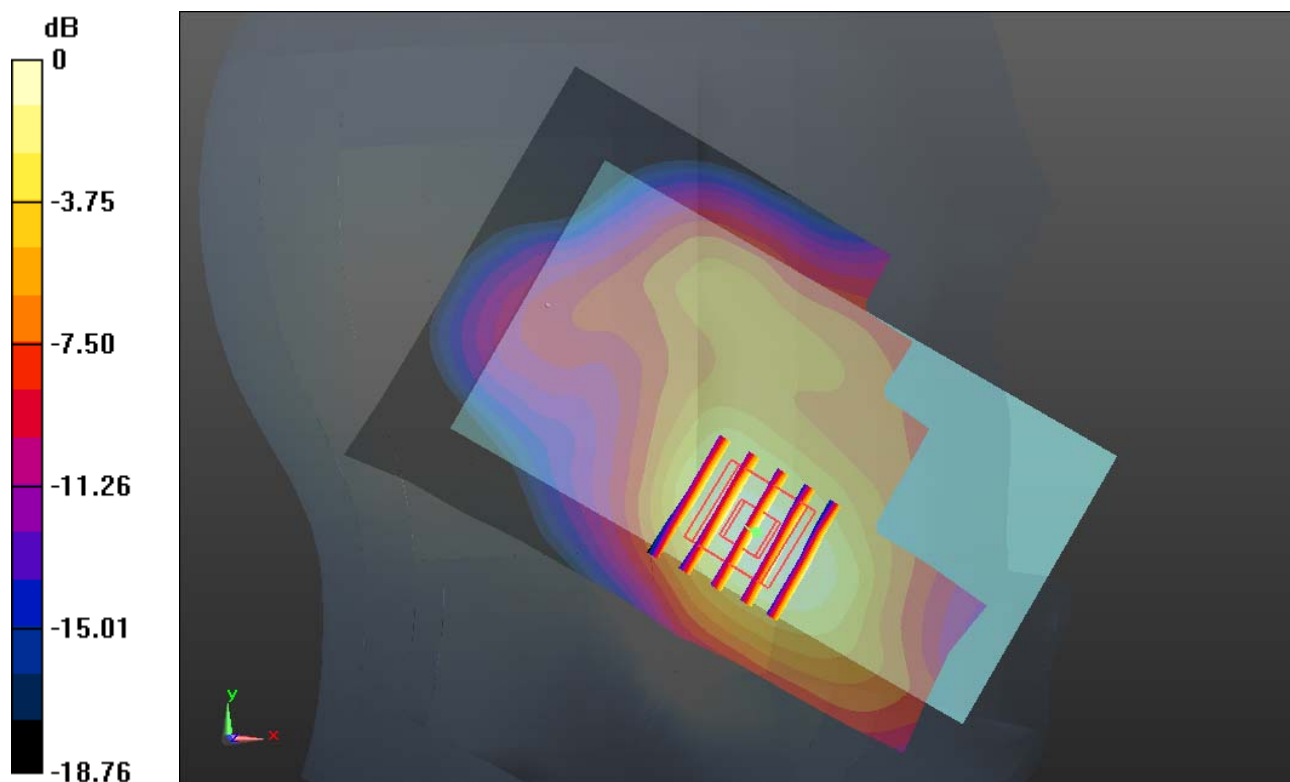
**Ch600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value =  $9.537$  V/m; Power Drift =  $-0.04$  dB

Peak SAR (extrapolated) =  $1.311$  W/kg

**SAR(1 g) =  $0.810$  mW/g; SAR(10 g) =  $0.476$  mW/g**

Maximum value of SAR (measured) =  $1.083$  mW/g



0 dB =  $1.080$  mW/g

**#03\_LTE Band 2\_20M\_QPSK(1,0)\_Right Cheek\_Ch18900**

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

Medium: HSL\_1900\_140119 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.403$  mho/m;  $\epsilon_r =$

$38.972$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(8.04, 8.04, 8.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch18900/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.040 mW/g

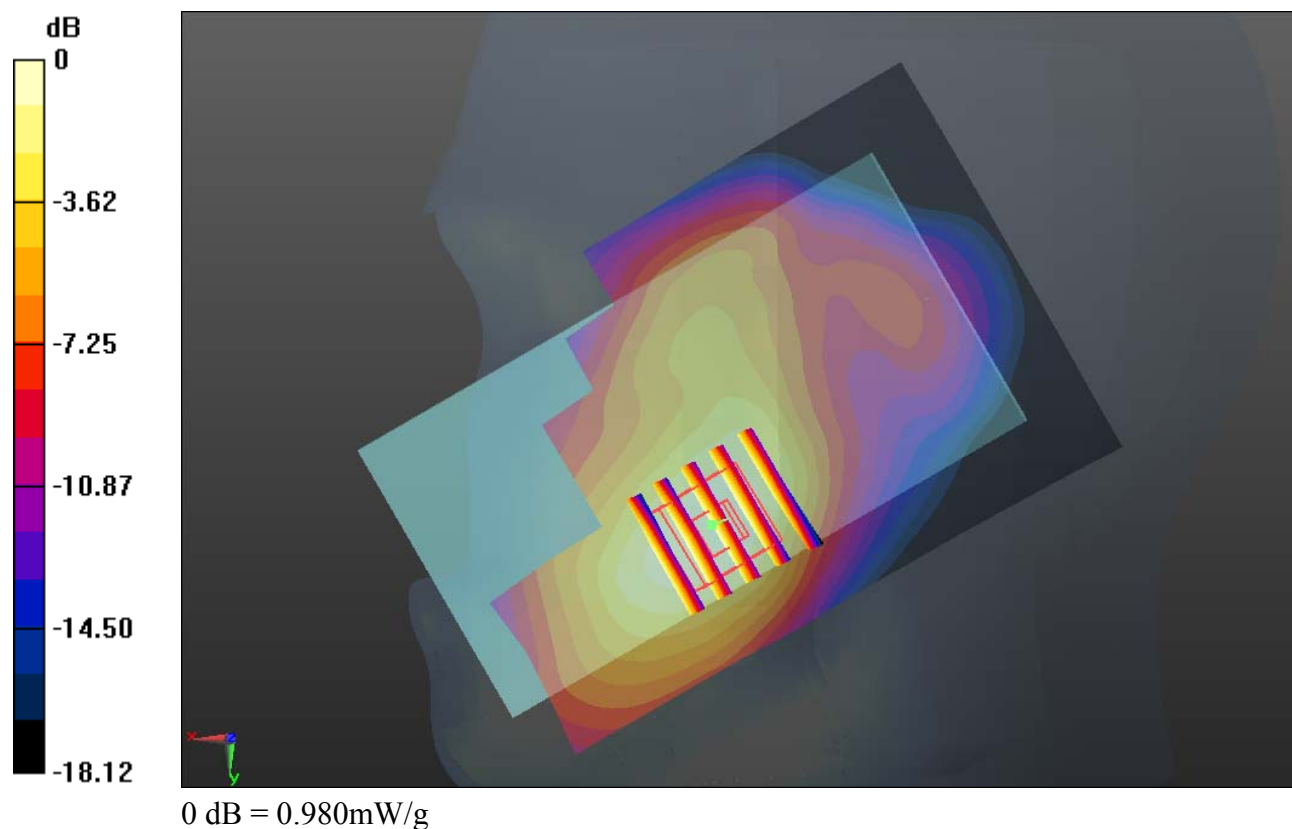
**Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.751 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.214 W/kg

**SAR(1 g) = 0.770 mW/g; SAR(10 g) = 0.470 mW/g**

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



**#04\_LTE Band 4\_20M\_QPSK(1,49)\_Right Cheek\_Ch20175**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_140119 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.364$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(8.41, 8.41, 8.41); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch20175/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.752 mW/g

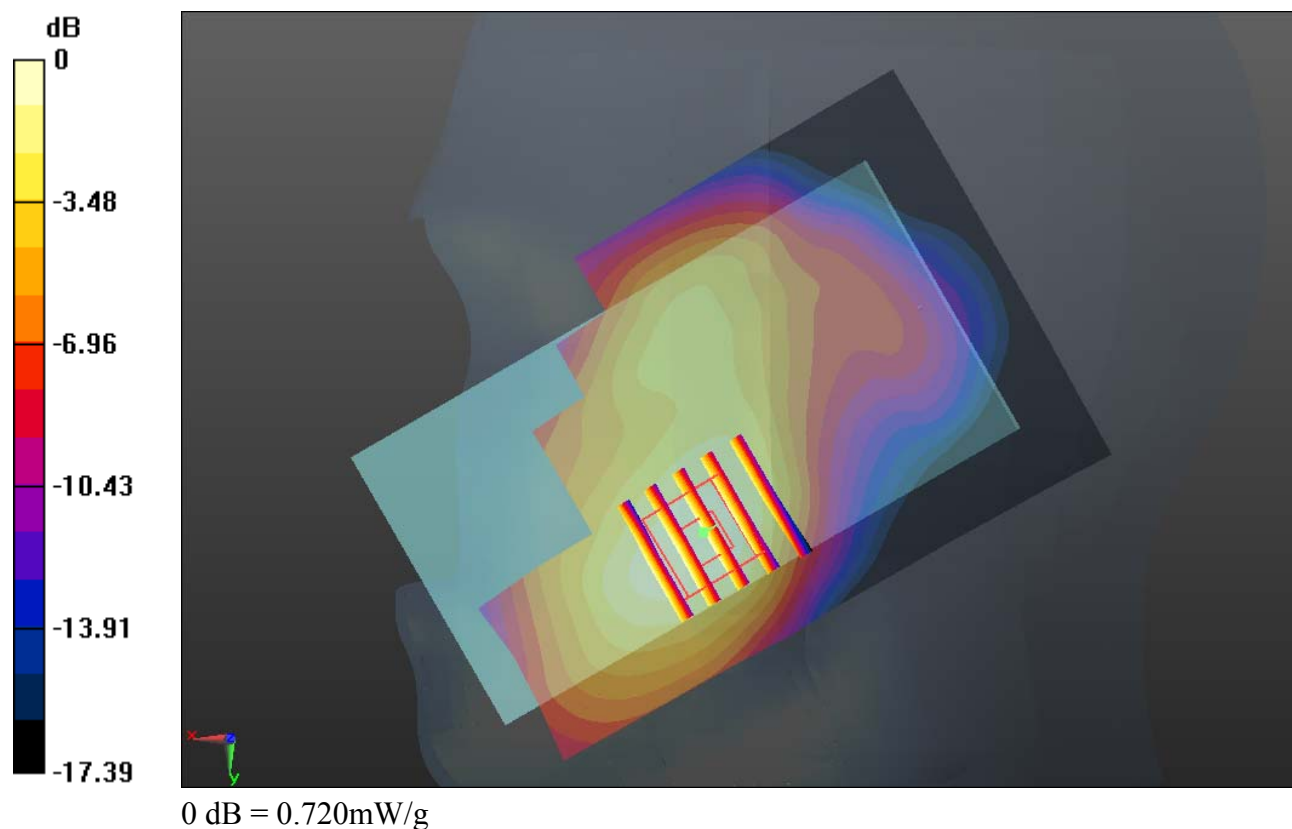
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.305 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.864 W/kg

**SAR(1 g) = 0.579 mW/g; SAR(10 g) = 0.371 mW/g**

Maximum value of SAR (measured) = 0.718 mW/g



**#05\_LTE Band 5\_10M\_QPSK(1,0)\_Left Cheek\_Ch20450**

Communication System: LTE; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: HSL\_835\_140115 Medium parameters used:  $f = 829$  MHz;  $\sigma = 0.899$  mho/m;  $\epsilon_r = 42.341$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(9.35, 9.35, 9.35); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch20450/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.672 mW/g

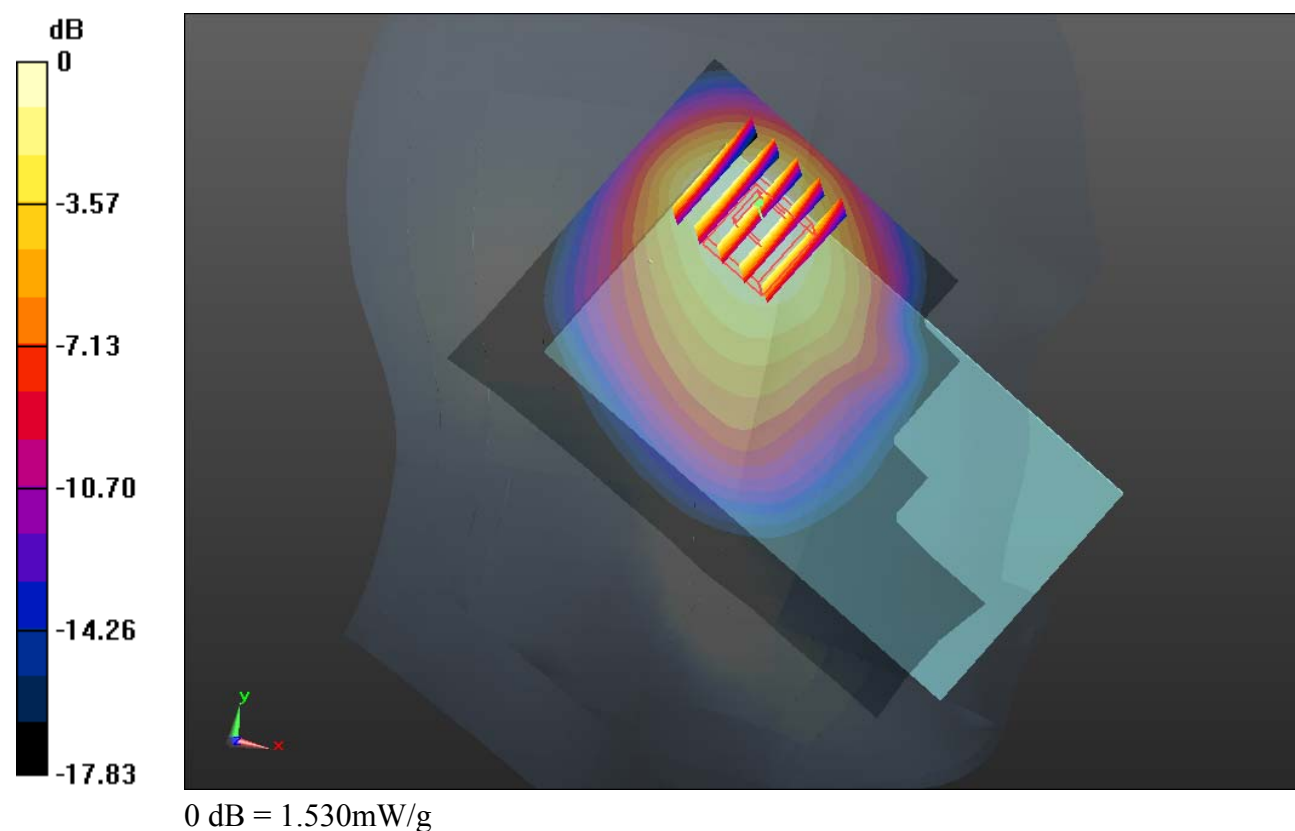
**Ch20450/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.633 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.922 W/kg

**SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.751 mW/g**

Maximum value of SAR (measured) = 1.534 mW/g



**#06\_LTE Band 12\_10M\_QPSK(1,24)\_Right Cheek\_Ch23095**

Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_140118 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.864$  mho/m;  $\epsilon_r = 42.44$ ;

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

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(9.7, 9.7, 9.7); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch23095/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.537 mW/g

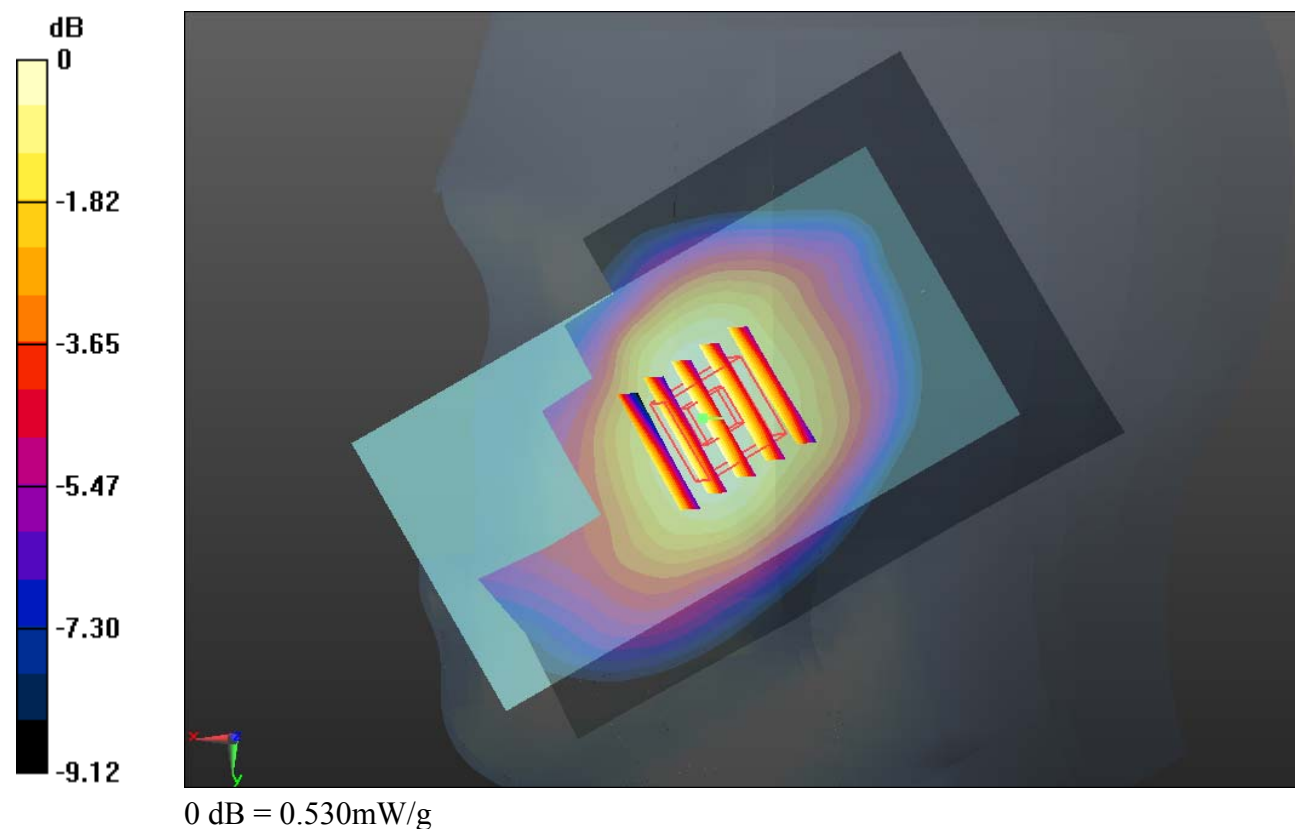
**Ch23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.369 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.561 W/kg

**SAR(1 g) = 0.480 mW/g; SAR(10 g) = 0.381 mW/g**

Maximum value of SAR (measured) = 0.532 mW/g



**#07\_LTE Band 17\_10M\_QPSK(1,24)\_Right Cheek\_Ch23790**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_140118 Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.866$  mho/m;  $\epsilon_r = 42.416$ ;

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(9.7, 9.7, 9.7); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch23790/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.602 mW/g

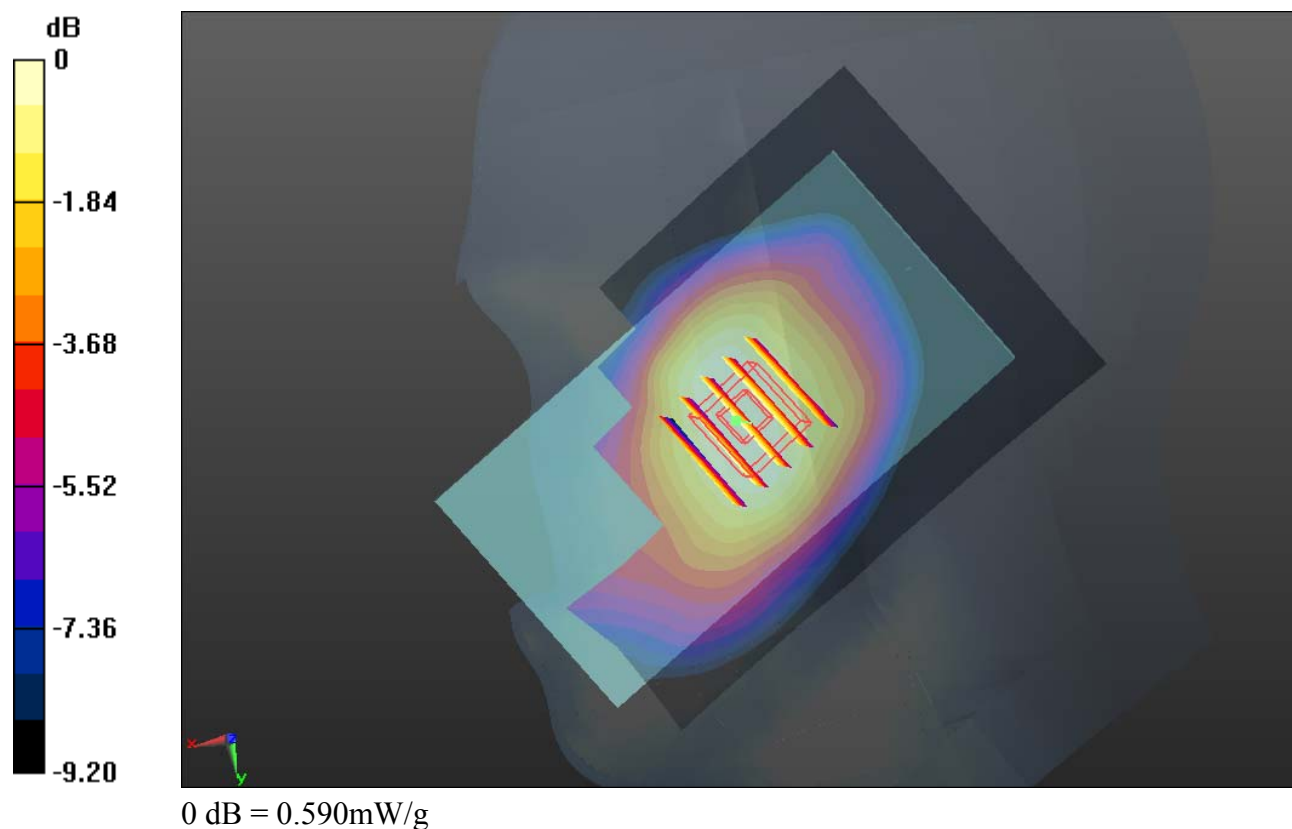
**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.780 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.627 W/kg

**SAR(1 g) = 0.537 mW/g; SAR(10 g) = 0.426 mW/g**

Maximum value of SAR (measured) = 0.593 mW/g



**#08\_WLAN 2.4GHz\_802.11b\_1M\_Left Cheek\_Ch1**

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

Medium: HSL\_2450\_140119 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.767$  mho/m;  $\epsilon_r =$

$39.968$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(7.05, 7.05, 7.05); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch1/Area Scan (91x141x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.107 mW/g

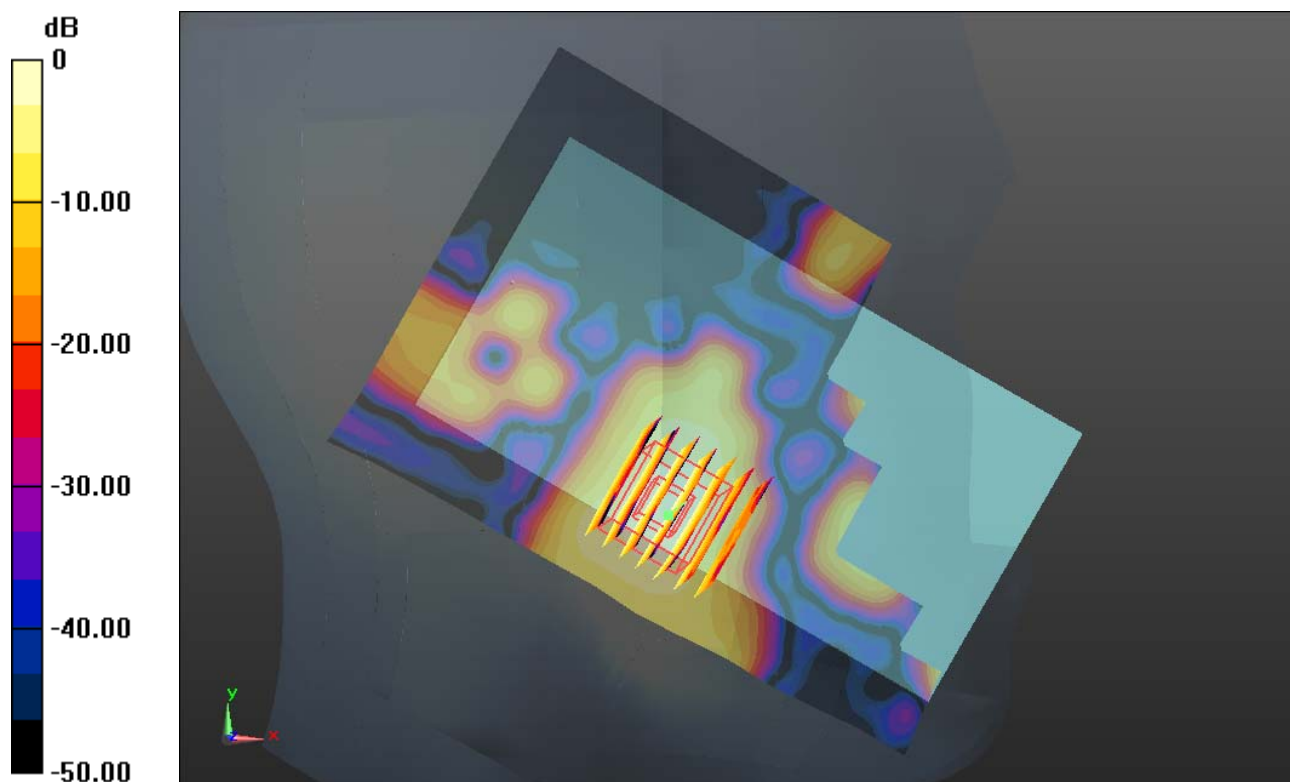
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.368 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.150 W/kg

**SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.026 mW/g**

Maximum value of SAR (measured) = 0.102 mW/g



0 dB = 0.100mW/g

**#09\_WLAN 5.2GHz \_802.11ac VTH80\_MCS0\_Left Cheek\_Ch42**

Communication System: WIFI; Frequency: 5210 MHz; Duty Cycle: 1:1.307

Medium: HSL\_5000\_140120 Medium parameters used:  $f = 5210$  MHz;  $\sigma = 4.825$  mho/m;  $\epsilon_r =$

$35.417$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature :  $23.3$  °C ; Liquid Temperature :  $22.7$  °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(5.26, 5.26, 5.26); Calibrated: 2013.06.20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch42/Area Scan (111x171x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm

Maximum value of SAR (interpolated) =  $0.360$  mW/g

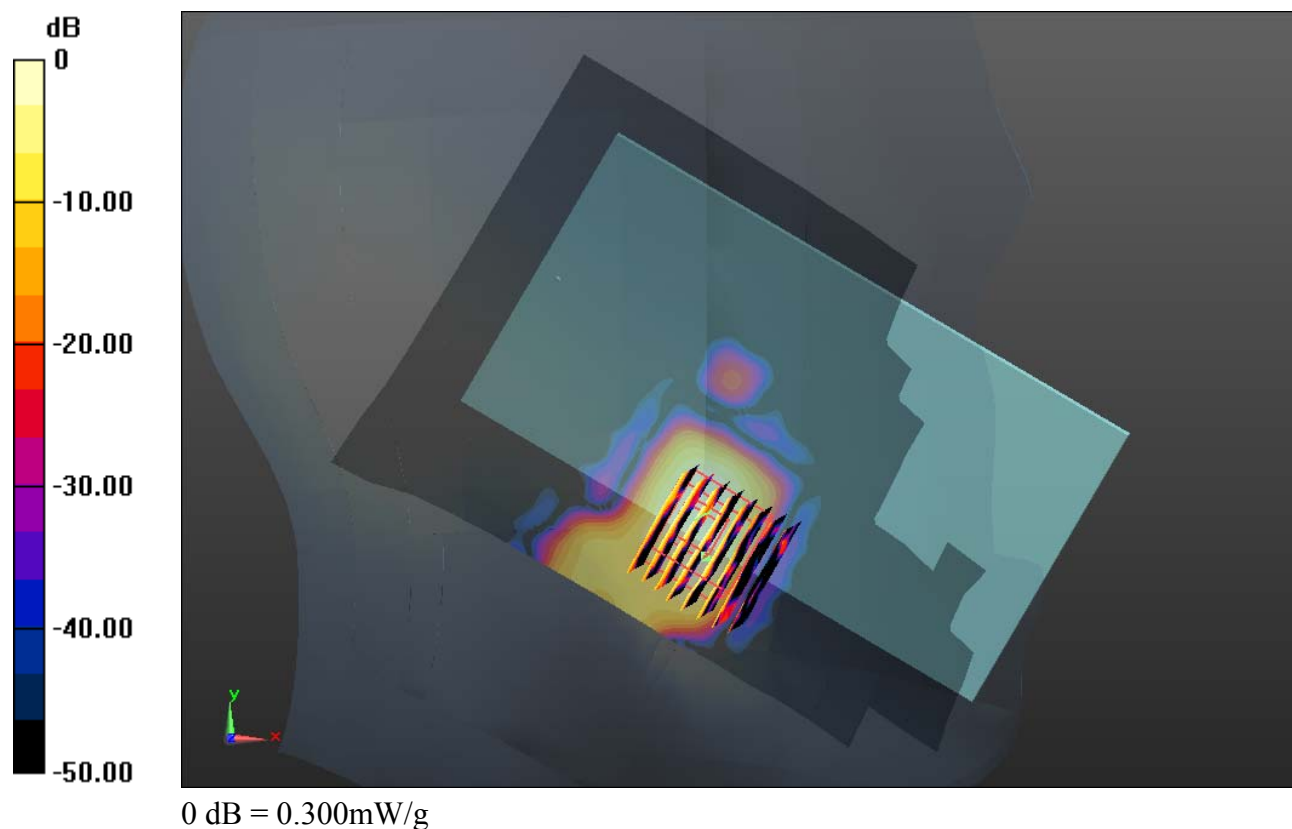
**Ch42/Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value =  $0$  V/m; Power Drift =  $0.04$  dB

Peak SAR (extrapolated) =  $1.020$  W/kg

**SAR(1 g) =  $0.120$  mW/g; SAR(10 g) =  $0.034$  mW/g**

Maximum value of SAR (measured) =  $0.302$  mW/g



**#10\_WLAN 5GHz\_802.11a\_6M\_Left Cheek\_Ch149**

Communication System: WIFI; Frequency: 5745 MHz; Duty Cycle: 1:1.07127

Medium: HSL\_5000\_140120 Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.387$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(4.89, 4.89, 4.89); Calibrated: 2013.06.20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch149/Area Scan (101x171x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.265 mW/g

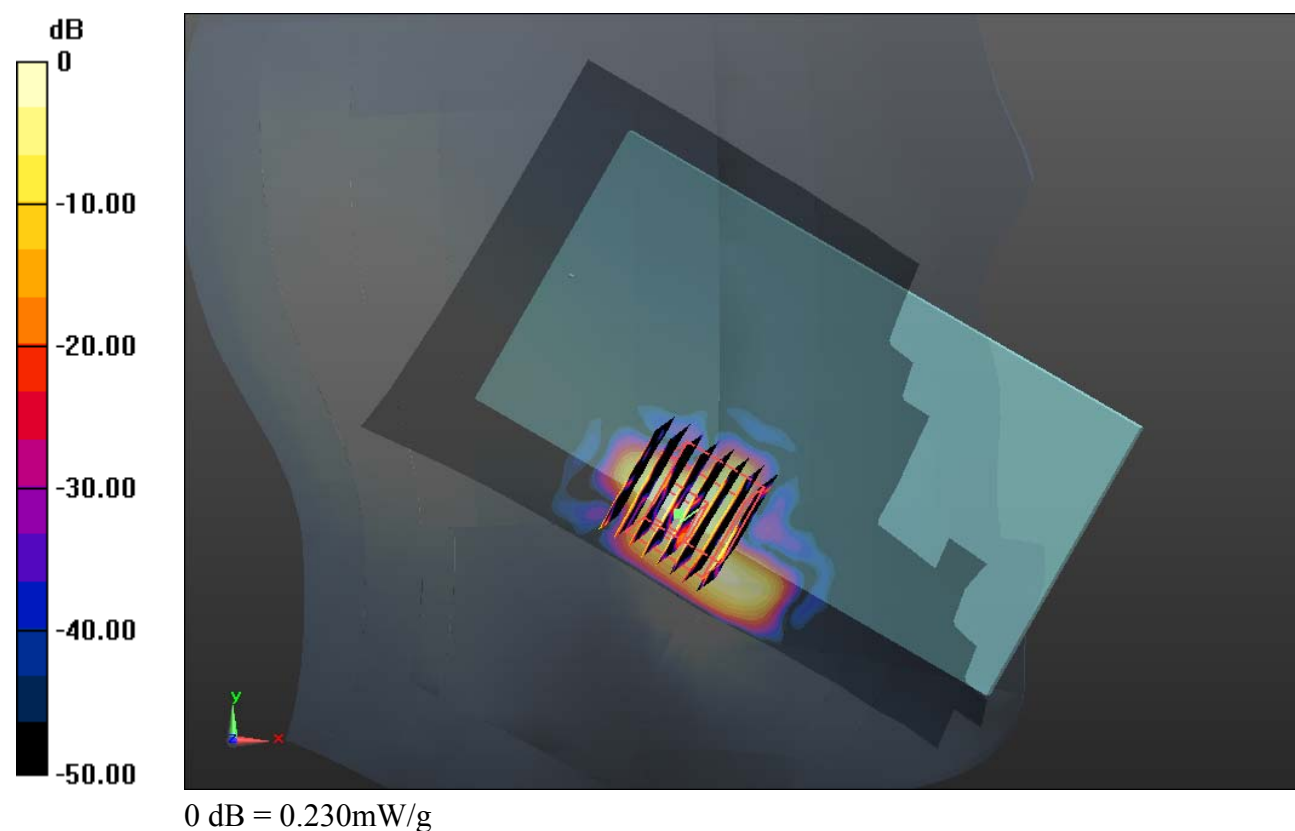
**Ch149/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.400 W/kg

**SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.014 mW/g**

Maximum value of SAR (measured) = 0.233 mW/g



**#11\_CDMA2000 BC0\_RTAP 153.6\_Left Side 1cm\_Ch1013**

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL\_835\_140116 Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.972$  mho/m;  $\epsilon_r = 54.959$ ;

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch1013/Area Scan (31x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.034 mW/g

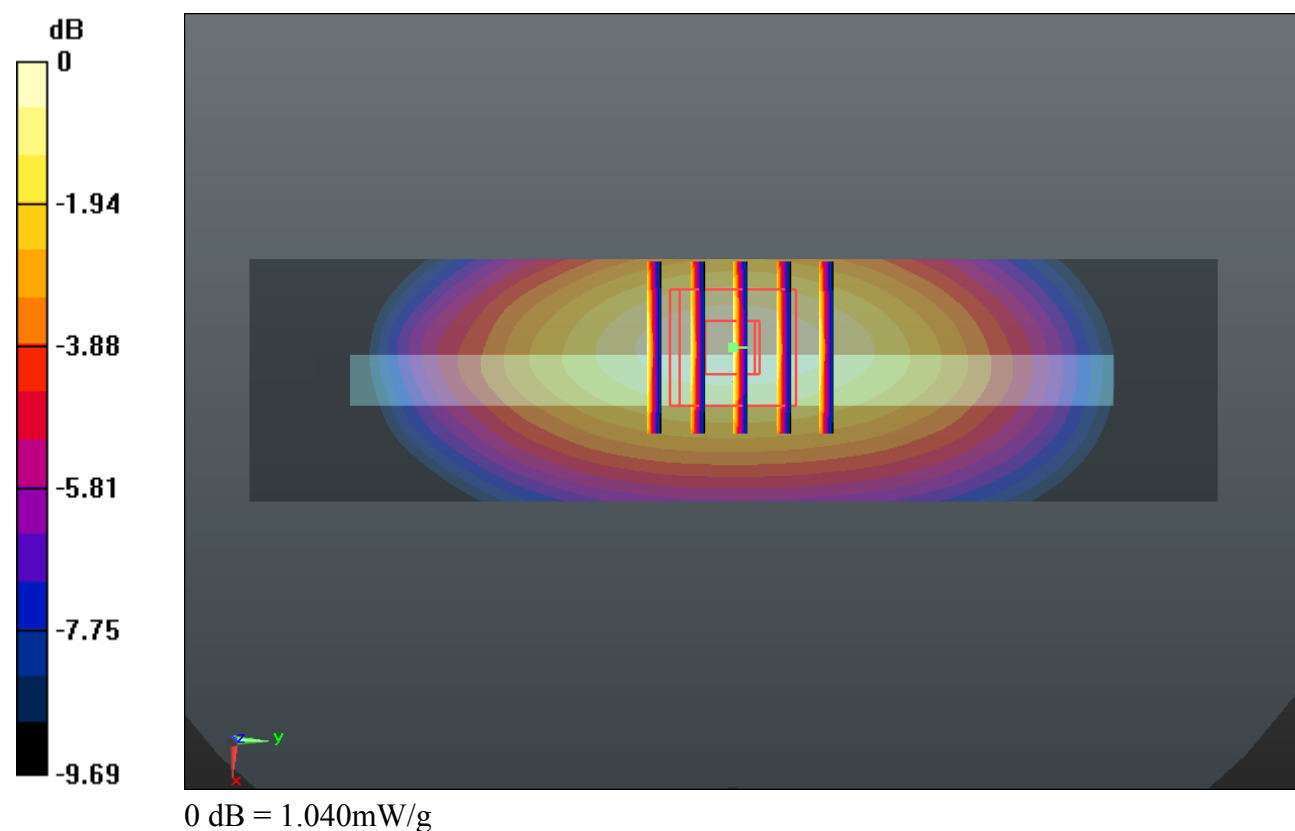
**Ch1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.976 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.210 W/kg

**SAR(1 g) = 0.826 mW/g; SAR(10 g) = 0.559 mW/g**

Maximum value of SAR (measured) = 1.035 mW/g



**#12\_CDMA2000 BC1\_RTAP 153.6\_Bottom Side 1cm\_Ch600**

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_140113 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.527$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch600/Area Scan (31x71x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.338 mW/g

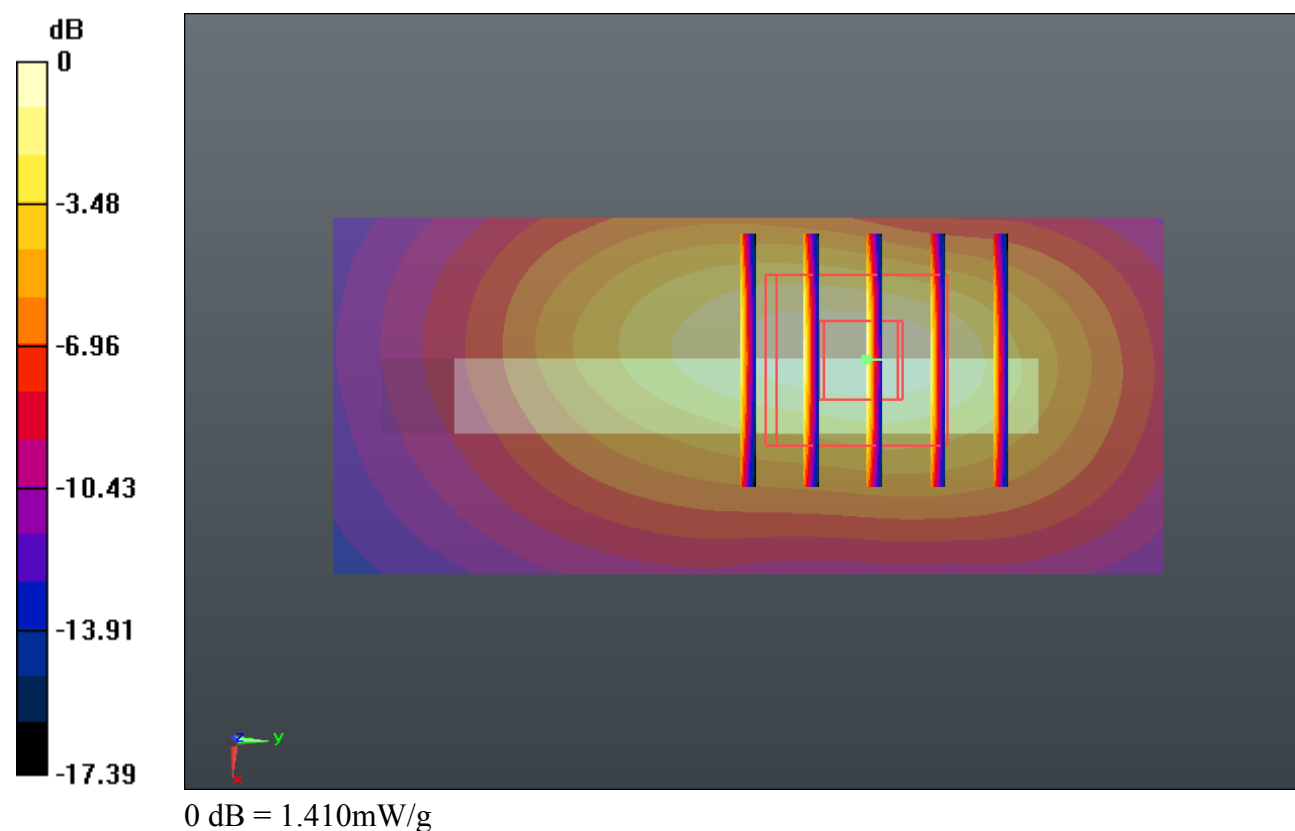
**Ch600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.405 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.723 W/kg

**SAR(1 g) = 0.995 mW/g; SAR(10 g) = 0.531 mW/g**

Maximum value of SAR (measured) = 1.412 mW/g



**#13\_LTE Band 2\_20M\_QPSK(1,0)\_Back 1cm\_Ch19100**

Communication System: LTE; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_140113 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.551$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch19100/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.655 mW/g

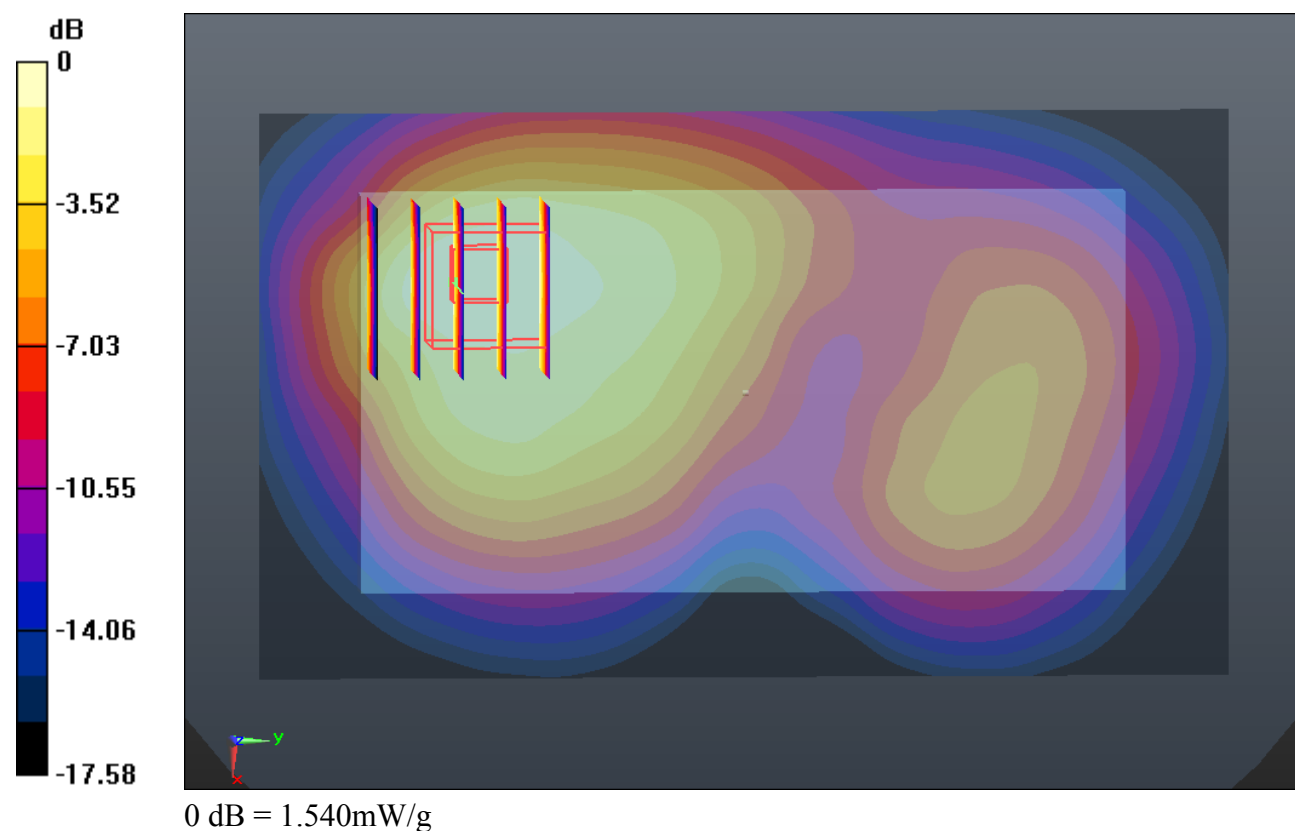
**Ch19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.238 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.929 W/kg

**SAR(1 g) = 1.140 mW/g; SAR(10 g) = 0.673 mW/g**

Maximum value of SAR (measured) = 1.536 mW/g



**#14\_LTE Band 4\_20M\_QPSK(1,49)\_Back 1cm\_Ch20300**

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_140113 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.497$  mho/m;  $\epsilon_r =$

$51.023$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.86, 7.86, 7.86); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch20300/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.640 mW/g

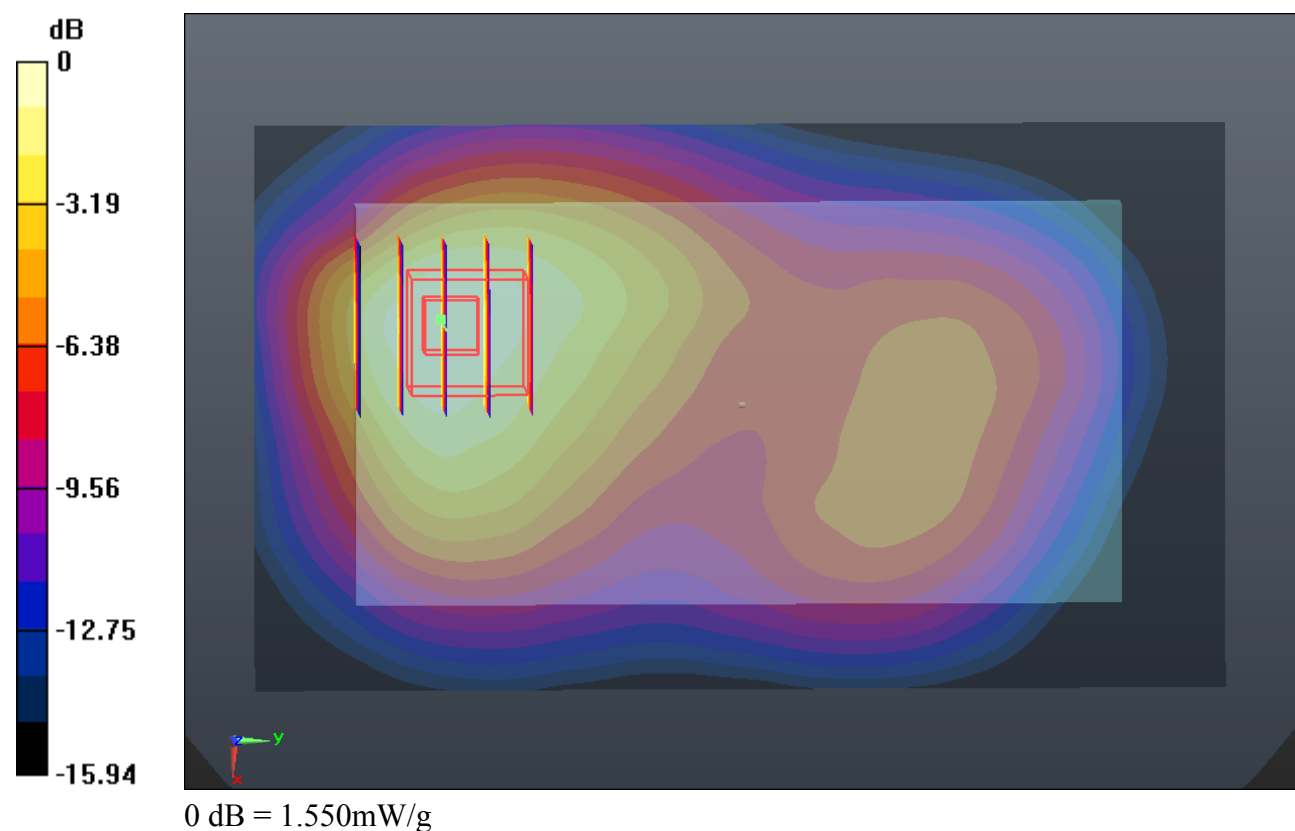
**Ch20300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.126 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.885 W/kg

**SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.731 mW/g**

Maximum value of SAR (measured) = 1.550 mW/g



**#15\_LTE Band 5\_10M\_QPSK(1,0)\_Front 1cm\_Ch20525**

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: MSL\_835\_140116 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.984$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch20525/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.514 mW/g

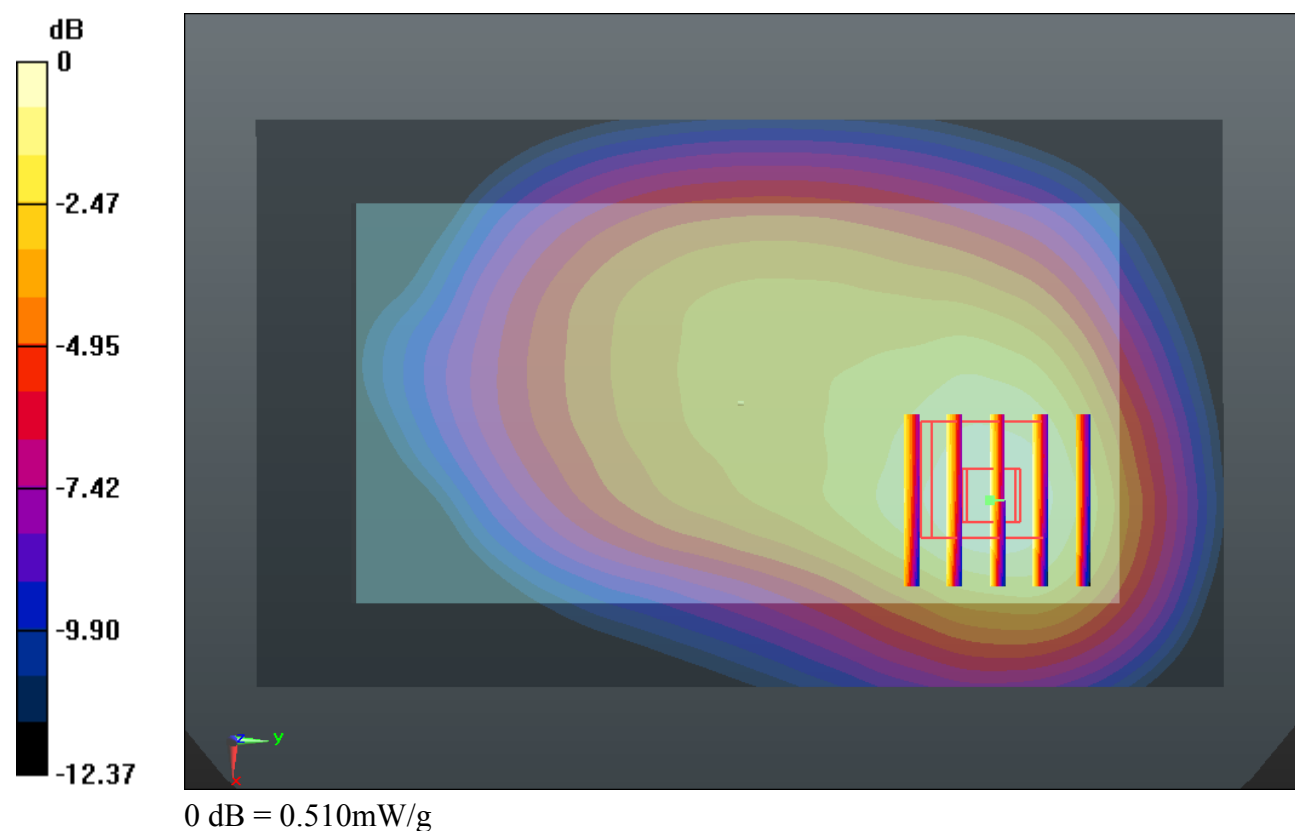
**Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.386 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.592 W/kg

**SAR(1 g) = 0.417 mW/g; SAR(10 g) = 0.291 mW/g**

Maximum value of SAR (measured) = 0.509 mW/g



**#16\_LTE Band 12\_10M\_QPSK(1,24)\_Right Side 1cm\_Ch23095**

Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_140116 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.933$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(9.59, 9.59, 9.59); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch23095/Area Scan (31x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.779 mW/g

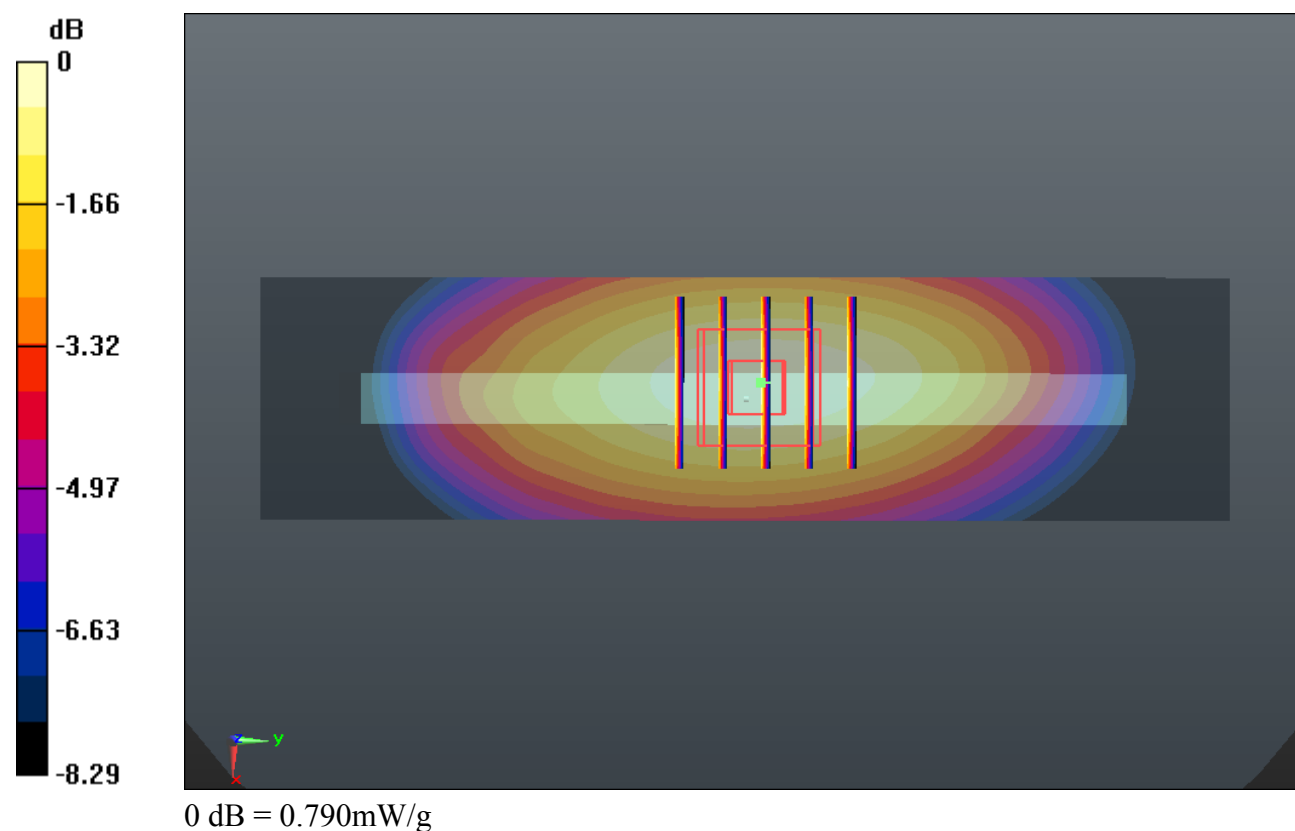
**Ch23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.153 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.891 W/kg

**SAR(1 g) = 0.653 mW/g; SAR(10 g) = 0.468 mW/g**

Maximum value of SAR (measured) = 0.786 mW/g



**#17\_LTE Band 17\_10M\_QPSK(1,24)\_Right Side 1cm\_Ch23790**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_140116 Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.936$  mho/m;  $\epsilon_r = 55.171$ ;

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(9.59, 9.59, 9.59); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch23790/Area Scan (31x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.883 mW/g

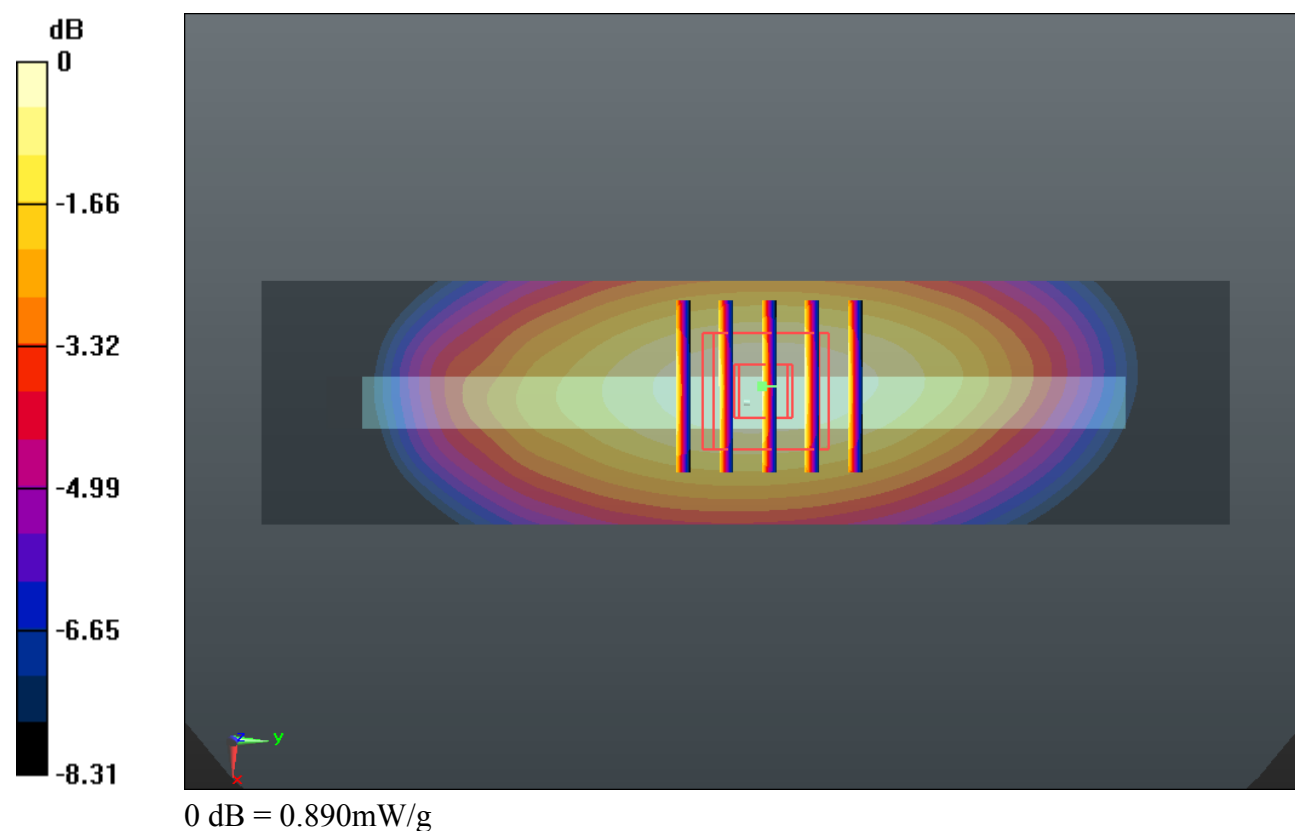
**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.890 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.012 W/kg

**SAR(1 g) = 0.740 mW/g; SAR(10 g) = 0.530 mW/g**

Maximum value of SAR (measured) = 0.893 mW/g



## #18\_WLAN 2.4GHz\_802.11b\_1M\_Back 1cm\_Ch1

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

Medium: MSL\_2450\_140119 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.889$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7, 7, 7); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch1/Area Scan (91x141x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.077 mW/g

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

Reference Value = 5.002 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.110 W/kg

**SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.029 mW/g**

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

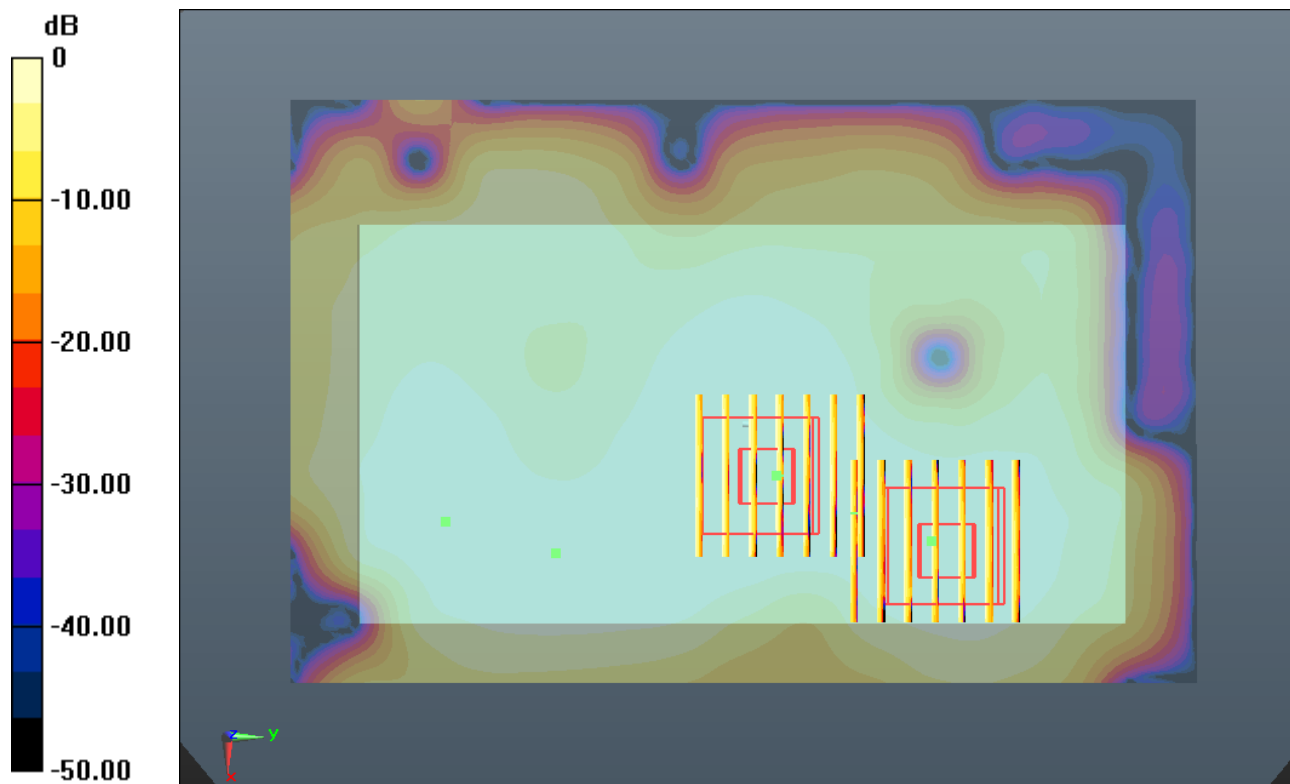
**Ch1/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.002 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.077 W/kg

**SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.020 mW/g**

Maximum value of SAR (measured) = 0.055 mW/g



0 dB = 0.050mW/g

**#19\_WLAN 5.8GHz\_802.11a\_6M\_Left Side 1cm\_Ch149**

Communication System: WIFI; Frequency: 5745 MHz; Duty Cycle: 1:1.07127

Medium: MSL\_5000\_140121 Medium parameters used:  $f = 5745$  MHz;  $\sigma = 6.035$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(4.48, 4.48, 4.48); Calibrated: 2013.06.20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch149/Area Scan (41x171x1):** Measurement grid: dx=10mm, dy=10mm

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

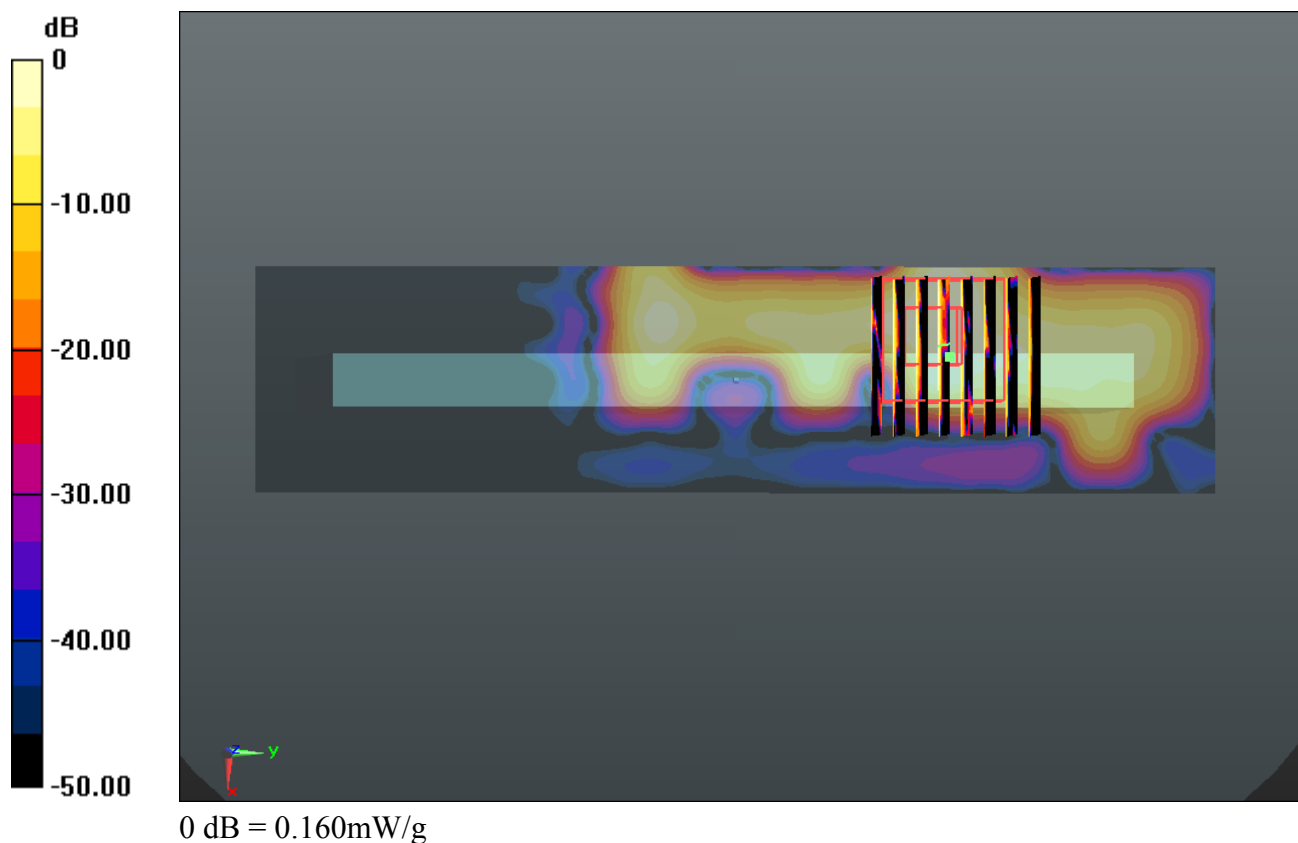
**Ch149/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.534 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.309 W/kg

**SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.017 mW/g**

Maximum value of SAR (measured) = 0.161 mW/g



**#20\_CDMA2000 BC0\_RC3 SO32\_Back 1cm\_Ch1013**

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL\_835\_140116 Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.972$  mho/m;  $\epsilon_r = 54.959$ ;

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch1013/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.653 mW/g

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

Reference Value = 23.749 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.710 W/kg

**SAR(1 g) = 0.560 mW/g; SAR(10 g) = 0.435 mW/g**

Maximum value of SAR (measured) = 0.643 mW/g

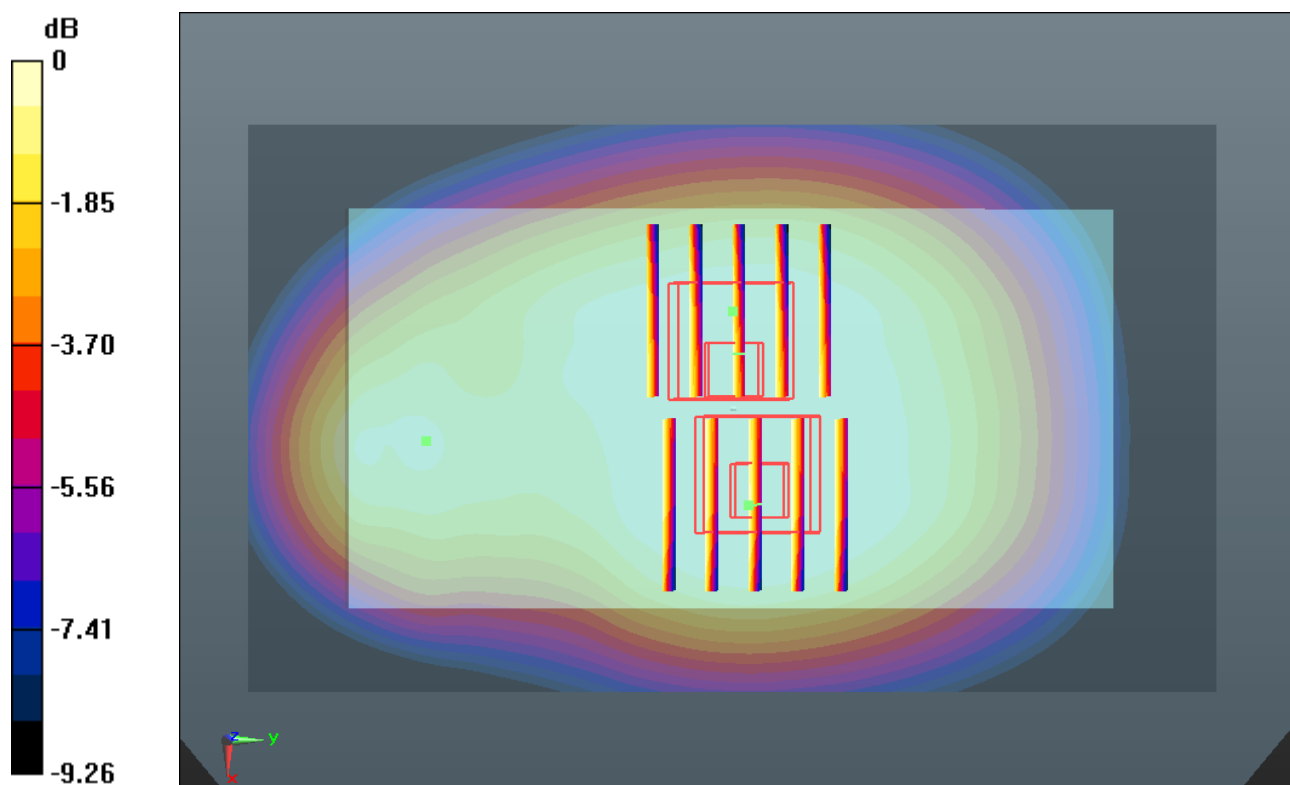
**Ch1013/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.749 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.670 W/kg

**SAR(1 g) = 0.523 mW/g; SAR(10 g) = 0.400 mW/g**

Maximum value of SAR (measured) = 0.596 mW/g



0 dB = 0.600mW/g

## #21\_CDMA2000 BC1\_RC3 SO32\_Back 1cm\_Ch600\_Headset

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_140113 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.527$  mho/m;  $\epsilon_r = 53.322$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

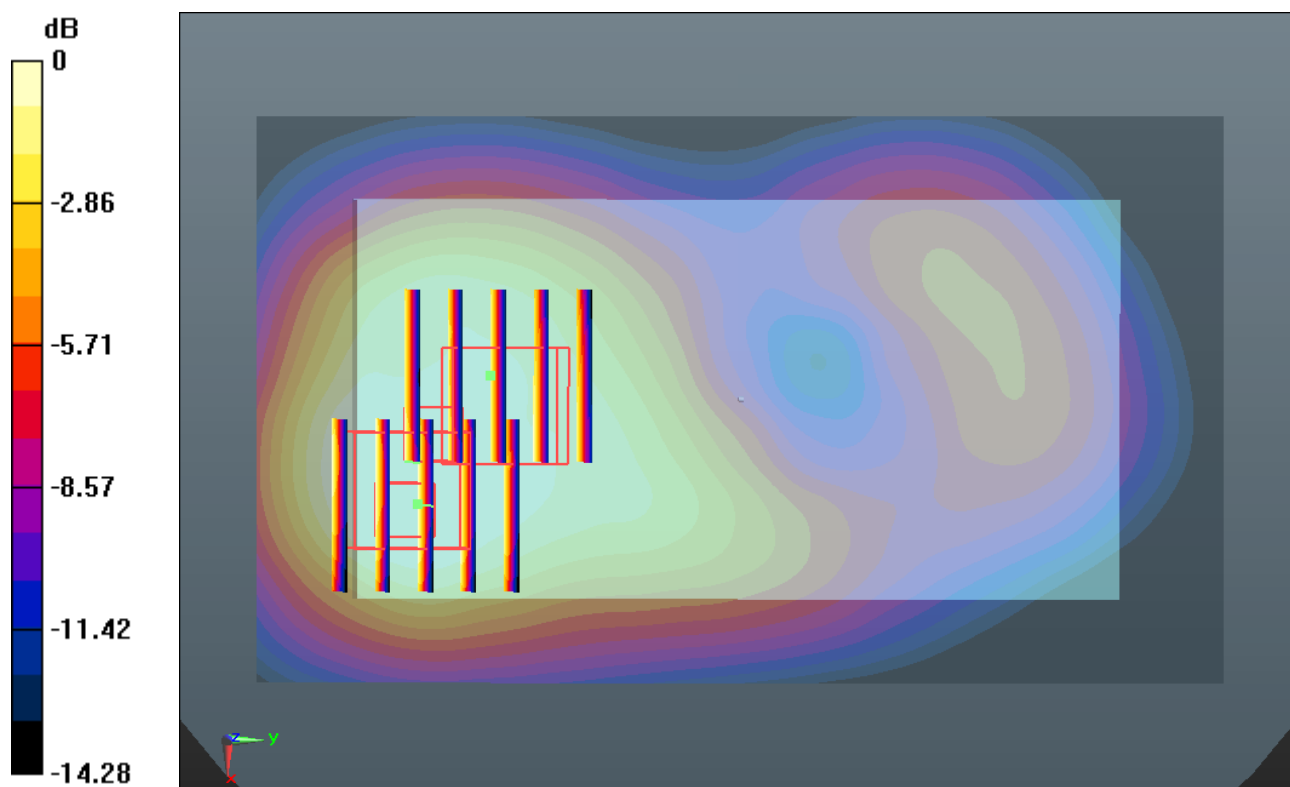
### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch600/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.429 mW/g

**Ch600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 11.094 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 1.651 W/kg  
**SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.618 mW/g**  
Maximum value of SAR (measured) = 1.319 mW/g

**Ch600/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 11.094 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 1.423 W/kg  
**SAR(1 g) = 0.817 mW/g; SAR(10 g) = 0.517 mW/g**  
Maximum value of SAR (measured) = 1.197 mW/g



0 dB = 1.200mW/g

**#22\_LTE Band 2\_20M\_QPSK(1,0)\_Back 1cm\_Ch19100\_Headset**

Communication System: LTE; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_140113 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.551$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch19100/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.725 mW/g

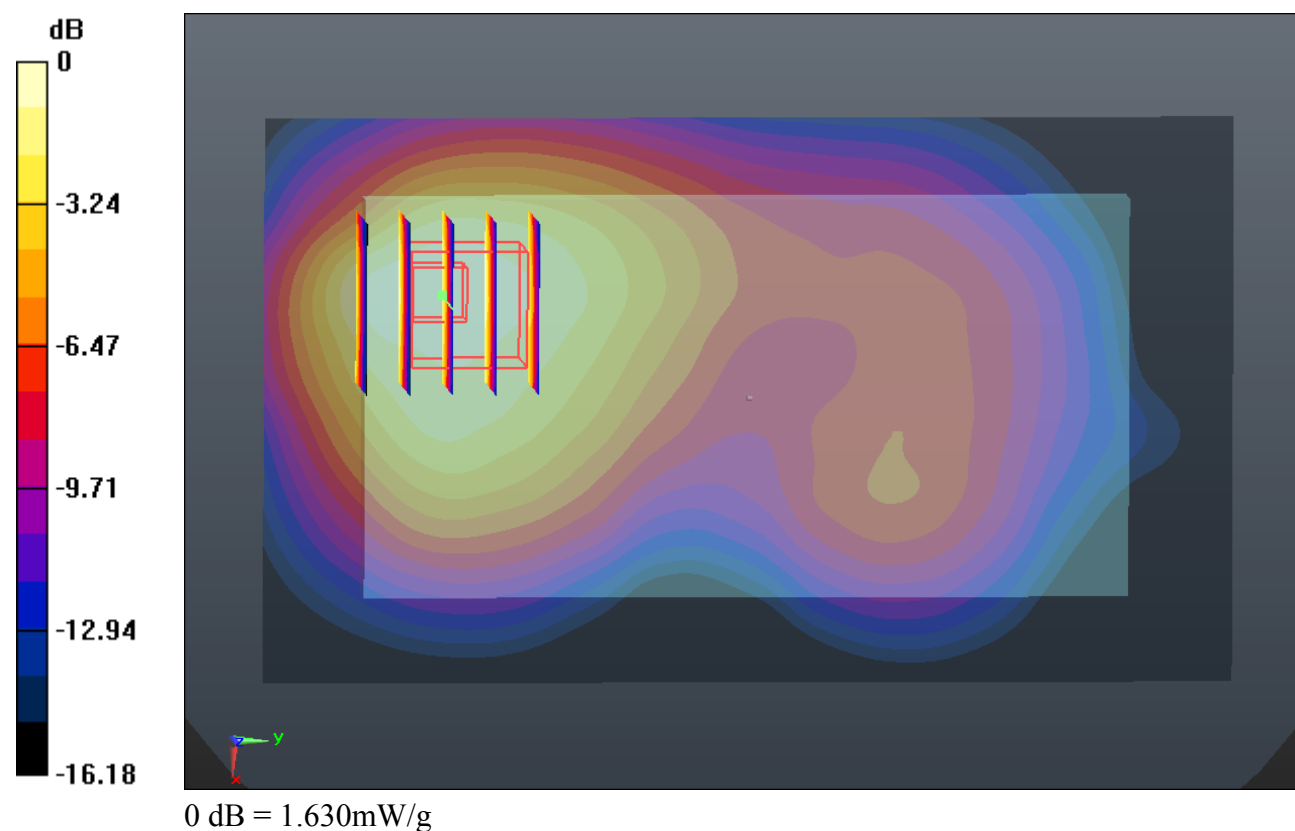
**Ch19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.520 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.050 W/kg

**SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.736 mW/g**

Maximum value of SAR (measured) = 1.627 mW/g



**#23\_LTE Band 4\_20M\_QPSK(1,49)\_Back 1cm\_Ch20300\_Headset**

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_140113 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.497$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(7.86, 7.86, 7.86); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch20300/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.782 mW/g

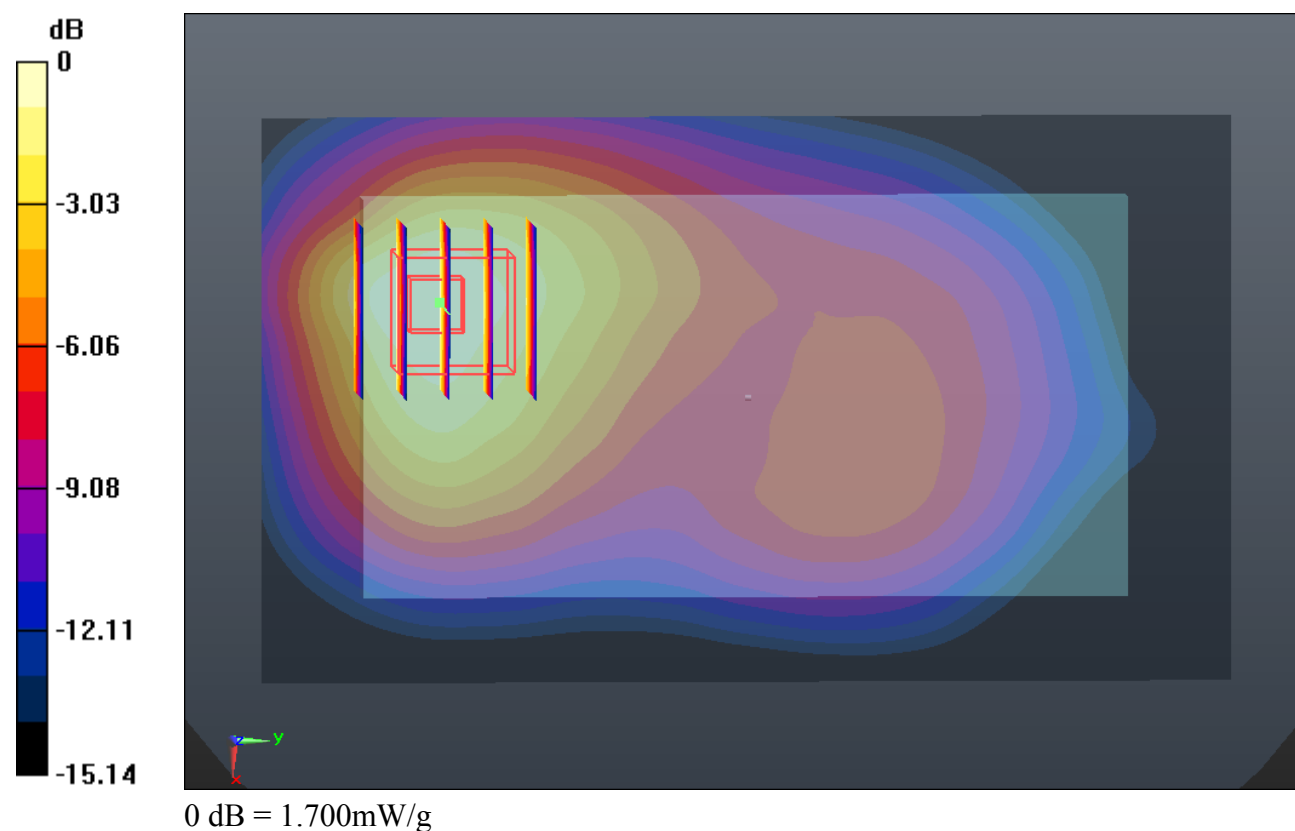
**Ch20300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.761 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.088 W/kg

**SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.795 mW/g**

Maximum value of SAR (measured) = 1.702 mW/g



**#24\_LTE Band 12\_10M\_QPSK(1,24)\_Front 1cm\_Ch23095**

Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_140116 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.933$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(9.59, 9.59, 9.59); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch23095/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.594 mW/g

**Ch23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.676 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.636 W/kg

**SAR(1 g) = 0.532 mW/g; SAR(10 g) = 0.423 mW/g**

Maximum value of SAR (measured) = 0.594 mW/g

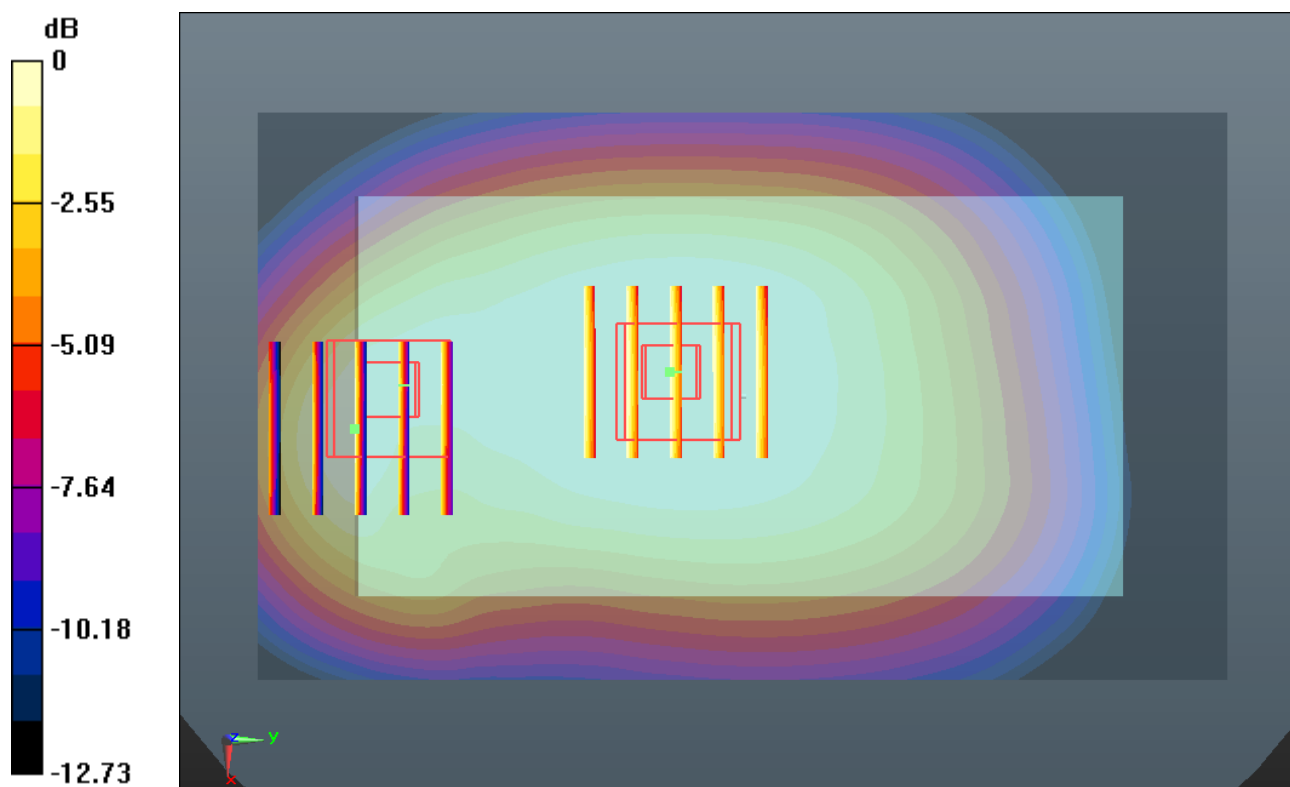
**Ch23095/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.676 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.668 W/kg

**SAR(1 g) = 0.421 mW/g; SAR(10 g) = 0.271 mW/g**

Maximum value of SAR (measured) = 0.544 mW/g



0 dB = 0.540mW/g

## #25\_LTE Band 17\_10M\_QPSK(1,24)\_Front 1cm\_Ch23790

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_140116 Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.936$  mho/m;  $\epsilon_r = 55.171$ ;

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.59, 9.59, 9.59); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch23790/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.741 mW/g

**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.403 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.796 W/kg

**SAR(1 g) = 0.665 mW/g; SAR(10 g) = 0.527 mW/g**

Maximum value of SAR (measured) = 0.739 mW/g

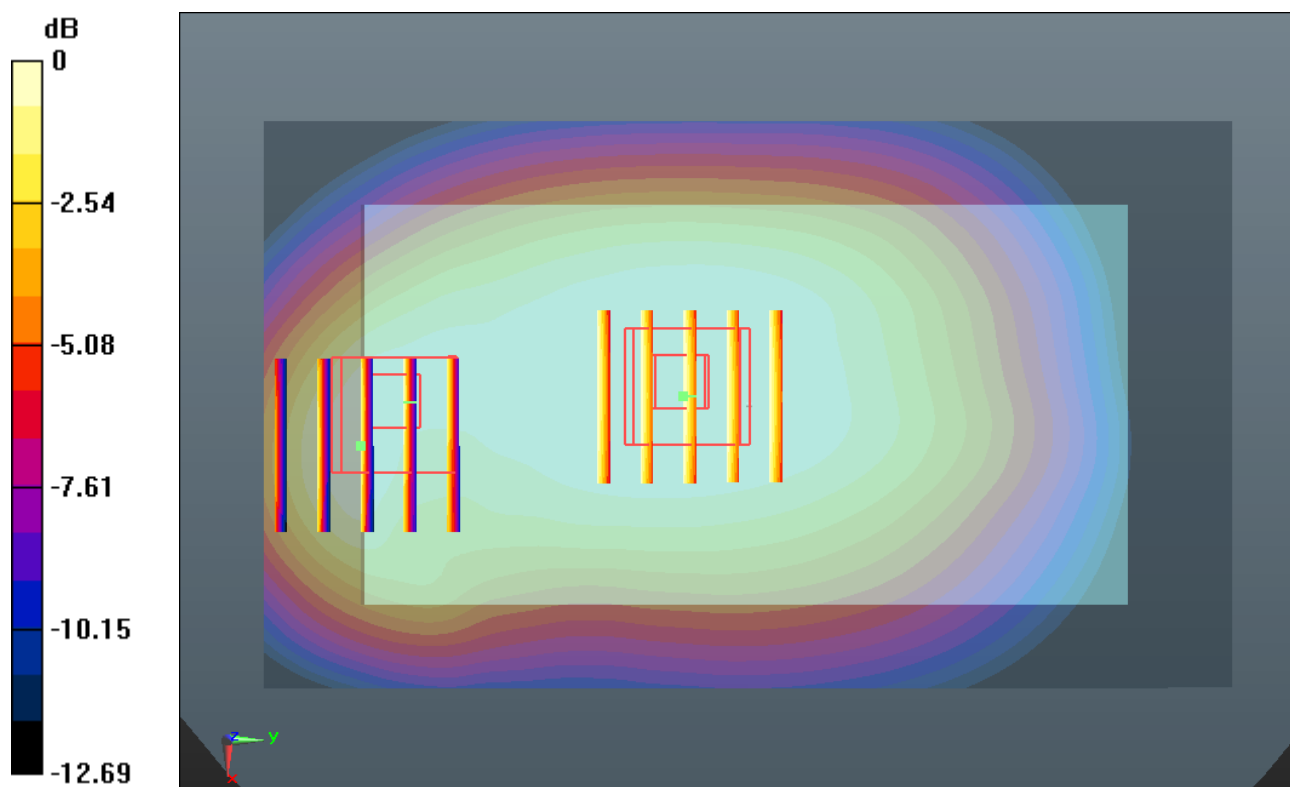
**Ch23790/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.403 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.831 W/kg

**SAR(1 g) = 0.518 mW/g; SAR(10 g) = 0.333 mW/g**

Maximum value of SAR (measured) = 0.669 mW/g



0 dB = 0.670mW/g

**#26\_WLAN 5.2GHz\_802.11a\_6M\_Back 1cm\_Ch48\_Headset**

Communication System: WIFI; Frequency: 5240 MHz; Duty Cycle: 1:1.071

Medium: MSL\_5000\_140121 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 5.325$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(4.62, 4.62, 4.62); Calibrated: 2013.06.20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch48/Area Scan (101x171x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.101 mW/g

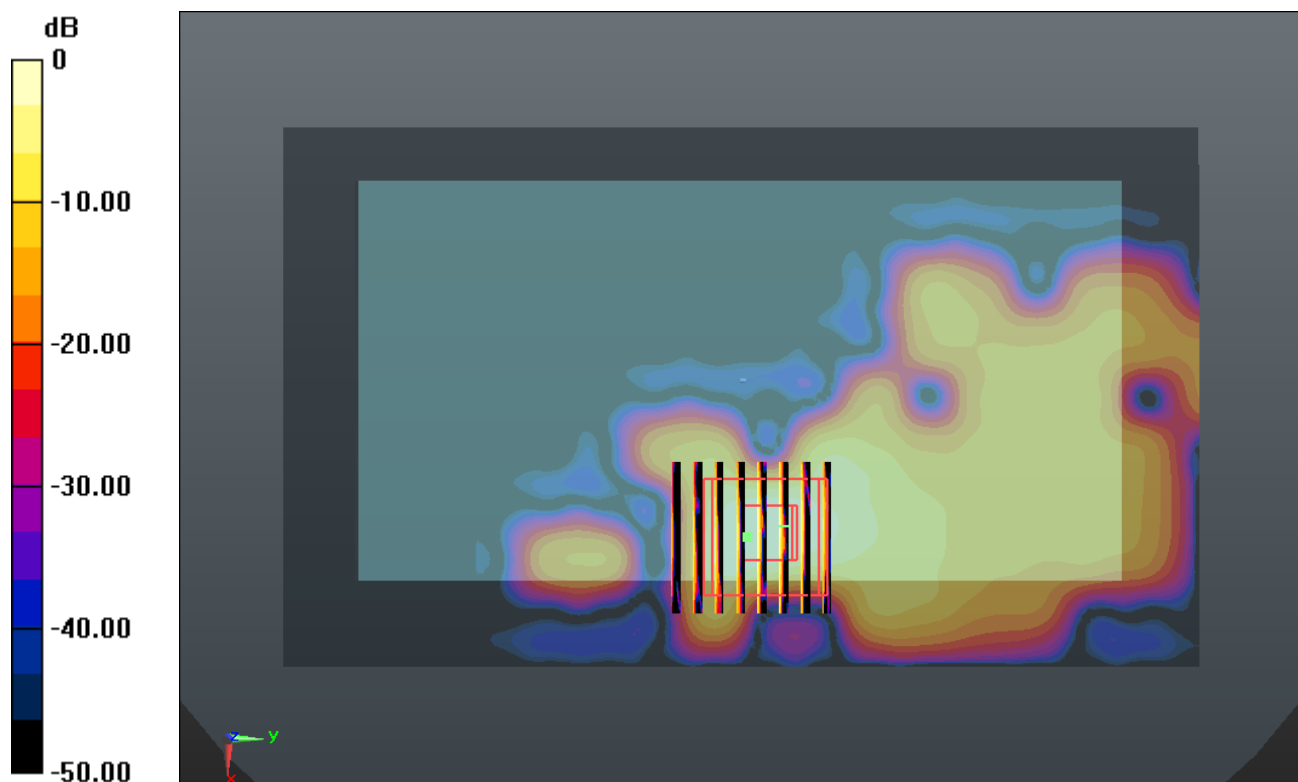
**Ch48/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.711 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.965 W/kg

**SAR(1 g) = 0.220 mW/g; SAR(10 g) = 0.064 mW/g**

Maximum value of SAR (measured) = 0.556 mW/g



**#27\_WLAN 5.8GHz\_802.11a\_6M\_Back 1cm\_Ch149\_Headset**

Communication System: WIFI; Frequency: 5745 MHz; Duty Cycle: 1:1.071

Medium: MSL\_5000\_140121 Medium parameters used:  $f = 5745$  MHz;  $\sigma = 6.035$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(4.48, 4.48, 4.48); Calibrated: 2013.06.20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch149/Area Scan (111x171x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.192 mW/g

**Ch149/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.306 W/kg

**SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.020 mW/g**

Maximum value of SAR (measured) = 0.182 mW/g

