

**#124\_GSM850\_GSM Voice\_Right Cheek\_Ch128****DUT: 2O3103**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL\_850\_121129 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.883$  mho/m;  $\epsilon_r = 41.775$ ;  $\rho =$

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

Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch128/Area Scan (61x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) =  $0.502 \text{ W/kg}$

**Configuration/Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $23.731 \text{ V/m}$ ; Power Drift =  $-0.02 \text{ dB}$

Peak SAR (extrapolated) =  $0.534 \text{ W/kg}$

**SAR(1 g) =  $0.452 \text{ W/kg}$ ; SAR(10 g) =  $0.343 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.473 \text{ W/kg}$



0 dB =  $0.473 \text{ W/kg}$  =  $-3.25 \text{ dBW/kg}$

**#124\_GSM850\_GSM Voice\_Right Cheek\_Ch128\_2D****DUT: 2O3103**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL\_850\_121129 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.883$  mho/m;  $\epsilon_r = 41.775$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch128/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.502 W/kg

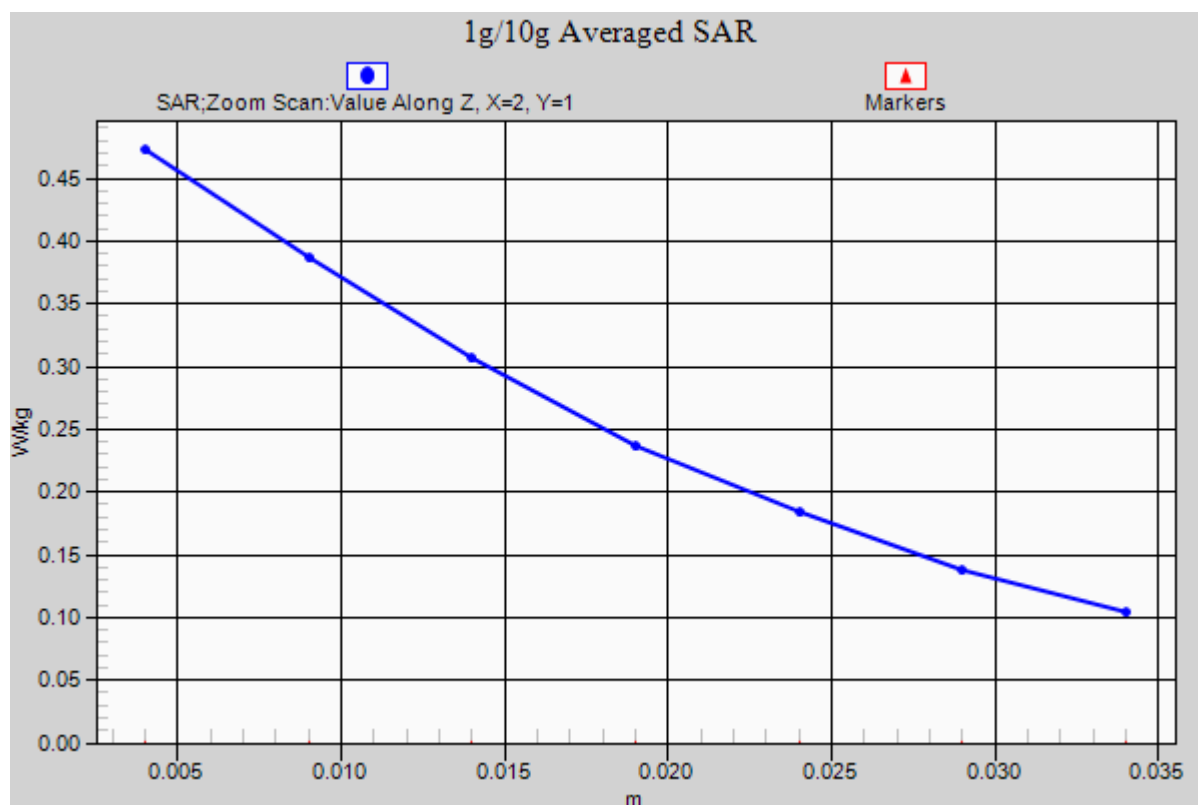
**Configuration/Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.731 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.534 W/kg

**SAR(1 g) = 0.452 W/kg; SAR(10 g) = 0.343 W/kg**

Maximum value of SAR (measured) = 0.473 W/kg



**#125\_GSM850\_GSM Voice\_Right Tilted\_Ch128****DUT: 2O3103**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL\_850\_121129 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.883$  mho/m;  $\epsilon_r = 41.775$ ;  $\rho =$

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

Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch128/Area Scan (61x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) =  $0.326 \text{ W/kg}$

**Configuration/Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $19.421 \text{ V/m}$ ; Power Drift =  $0.03 \text{ dB}$

Peak SAR (extrapolated) =  $0.367 \text{ W/kg}$

**SAR(1 g) =  $0.306 \text{ W/kg}$ ; SAR(10 g) =  $0.231 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.320 \text{ W/kg}$



$0 \text{ dB} = 0.320 \text{ W/kg} = -4.95 \text{ dBW/kg}$

**#126\_GSM850\_GSM Voice\_Left Cheek\_Ch128****DUT: 2O3103**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL\_850\_121129 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.883$  mho/m;  $\epsilon_r = 41.775$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch128/Area Scan (61x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.478 W/kg

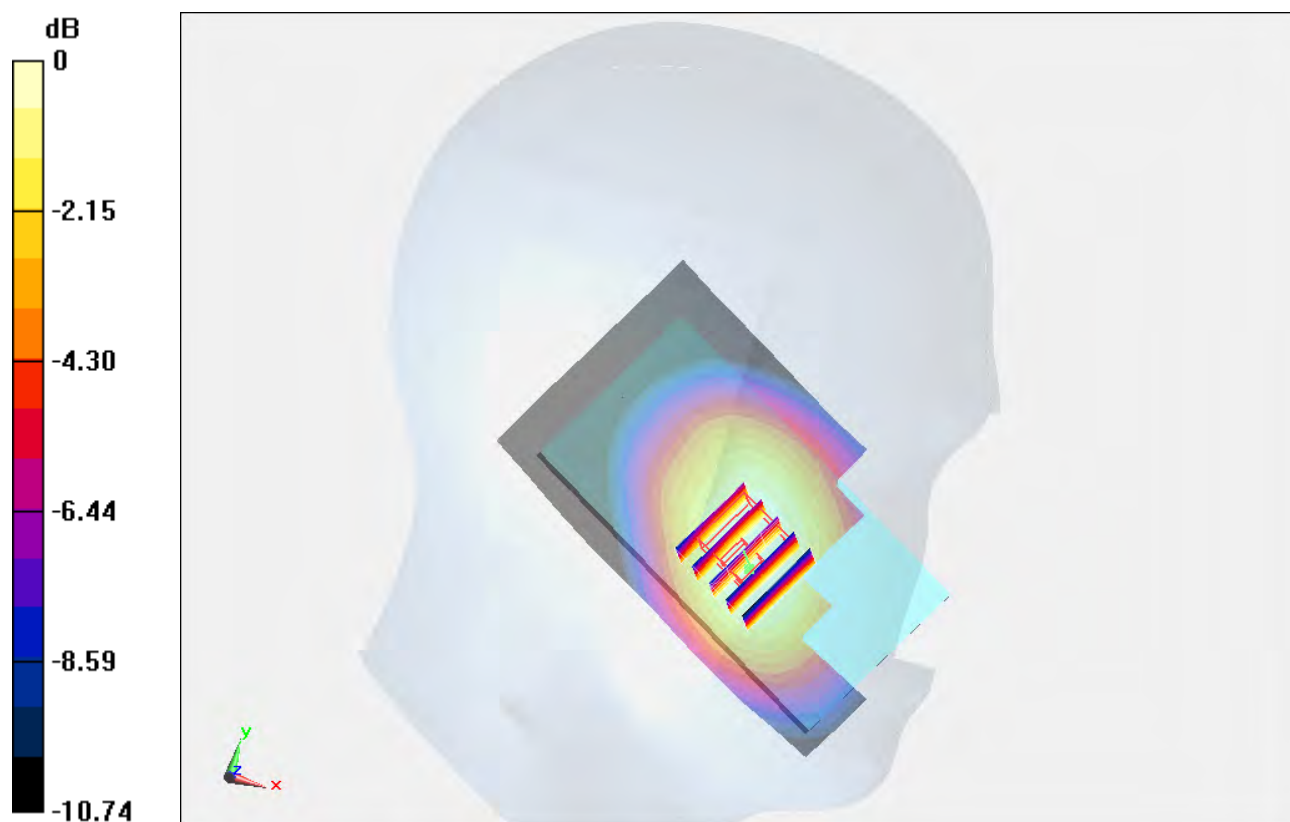
**Configuration/Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 8.211 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.555 W/kg

**SAR(1 g) = 0.423 W/kg; SAR(10 g) = 0.308 W/kg**

Maximum value of SAR (measured) = 0.442 W/kg



0 dB = 0.442 W/kg = -3.55 dBW/kg

**#127\_GSM850\_GSM Voice\_Left Tilted\_Ch128****DUT: 2O3103**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL\_850\_121129 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.883$  mho/m;  $\epsilon_r = 41.775$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch128/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.311 W/kg

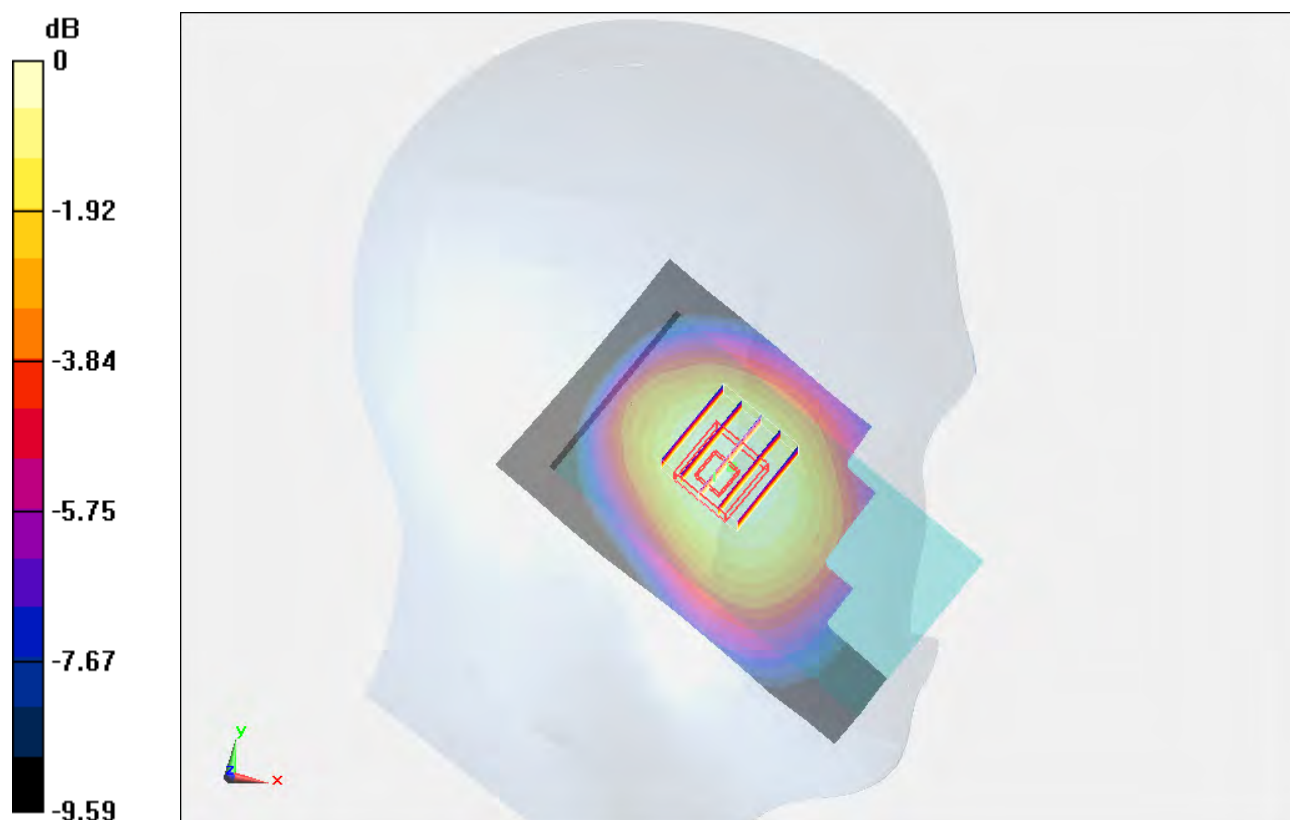
**Configuration/Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.809 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.345 W/kg

**SAR(1 g) = 0.290 W/kg; SAR(10 g) = 0.219 W/kg**

Maximum value of SAR (measured) = 0.304 W/kg



0 dB = 0.304 W/kg = -5.17 dBW/kg

**#110\_GSM1900\_GSM Voice\_Right Cheek\_Ch512****DUT: 2O3103**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_121129 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.402$  mho/m;  $\epsilon_r = 38.79$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch512/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.274 W/kg

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

Reference Value = 13.641 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.307 W/kg

**SAR(1 g) = 0.219 W/kg; SAR(10 g) = 0.138 W/kg**

Maximum value of SAR (measured) = 0.243 W/kg

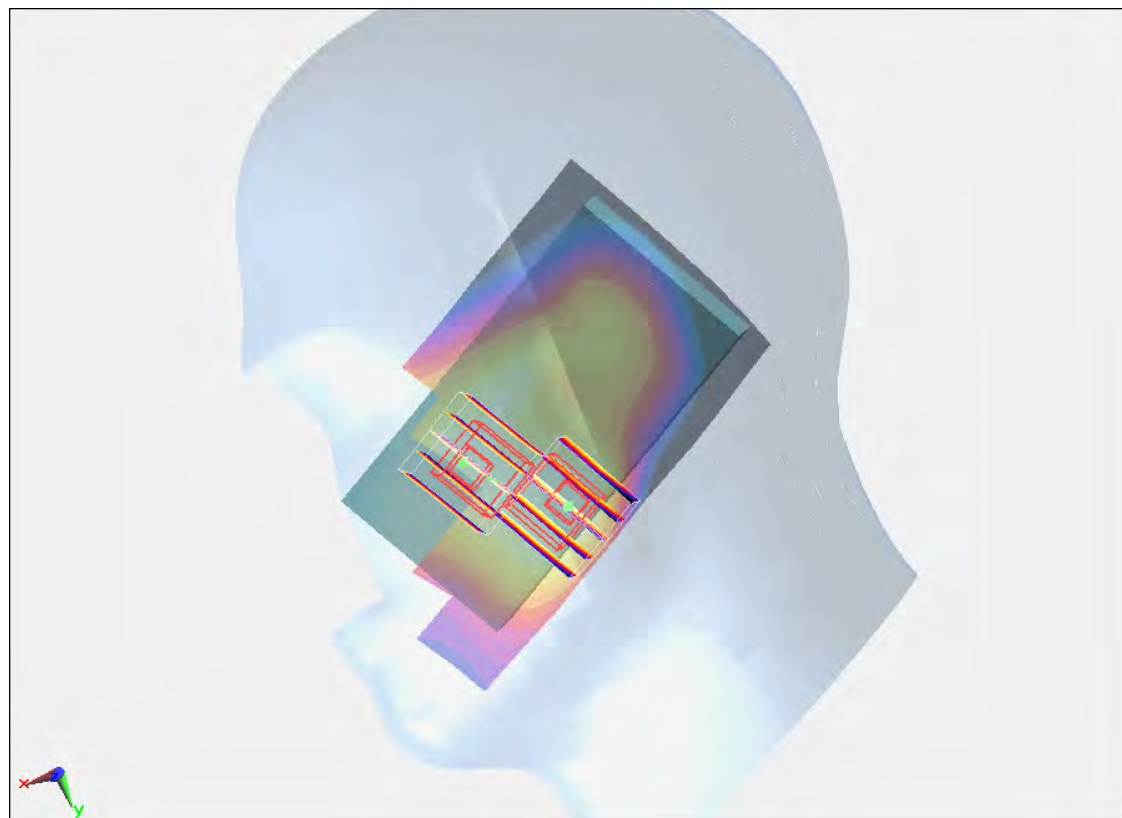
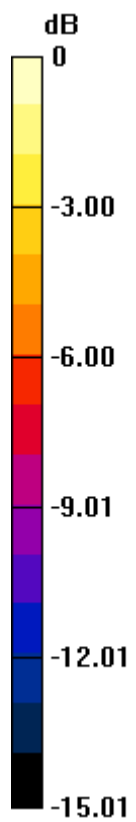
**Configuration/Ch512/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.641 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.271 W/kg

**SAR(1 g) = 0.194 W/kg; SAR(10 g) = 0.125 W/kg**

Maximum value of SAR (measured) = 0.209 W/kg



0 dB = 0.209 W/kg = -6.80 dBW/kg

**#111\_GSM1900\_GSM Voice\_Right Tilted\_Ch512****DUT: 2O3103**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_121129 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.402$  mho/m;  $\epsilon_r = 38.79$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch512/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.133 W/kg

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

Reference Value = 10.368 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 0.171 W/kg

**SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.077 W/kg**

Maximum value of SAR (measured) = 0.132 W/kg



0 dB = 0.132 W/kg = -8.79 dBW/kg

**#112\_GSM1900\_GSM Voice\_Left Cheek\_Ch512****DUT: 2O3103**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_121129 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.402$  mho/m;  $\epsilon_r = 38.79$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch512/Area Scan (61x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.446 W/kg

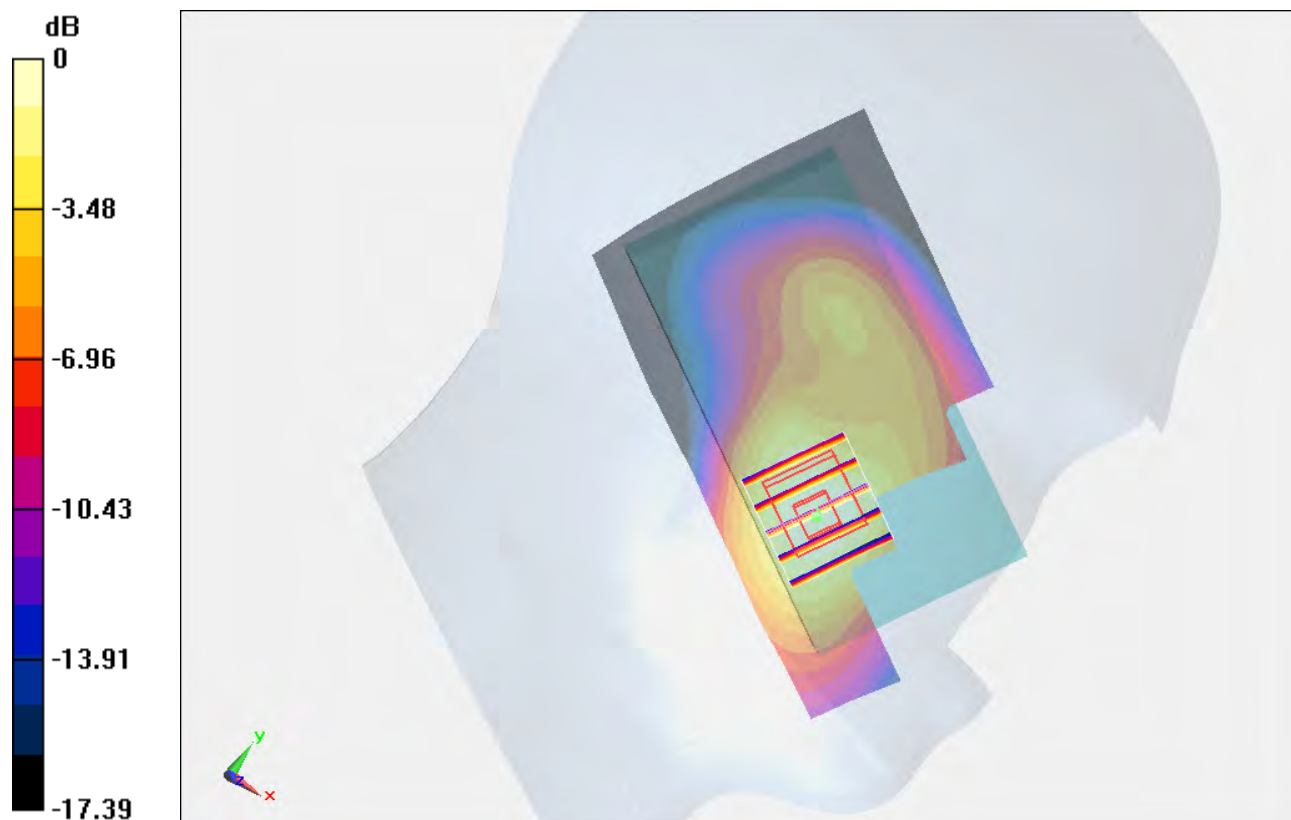
**Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 18.799 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.603 W/kg

**SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.239 W/kg**

Maximum value of SAR (measured) = 0.438 W/kg



0 dB = 0.438 W/kg = -3.59 dBW/kg

**#112\_GSM1900\_GSM Voice\_Left Cheek\_Ch512\_2D****DUT: 2O3103**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_121129 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.402$  mho/m;  $\epsilon_r = 38.79$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch512/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.446 W/kg

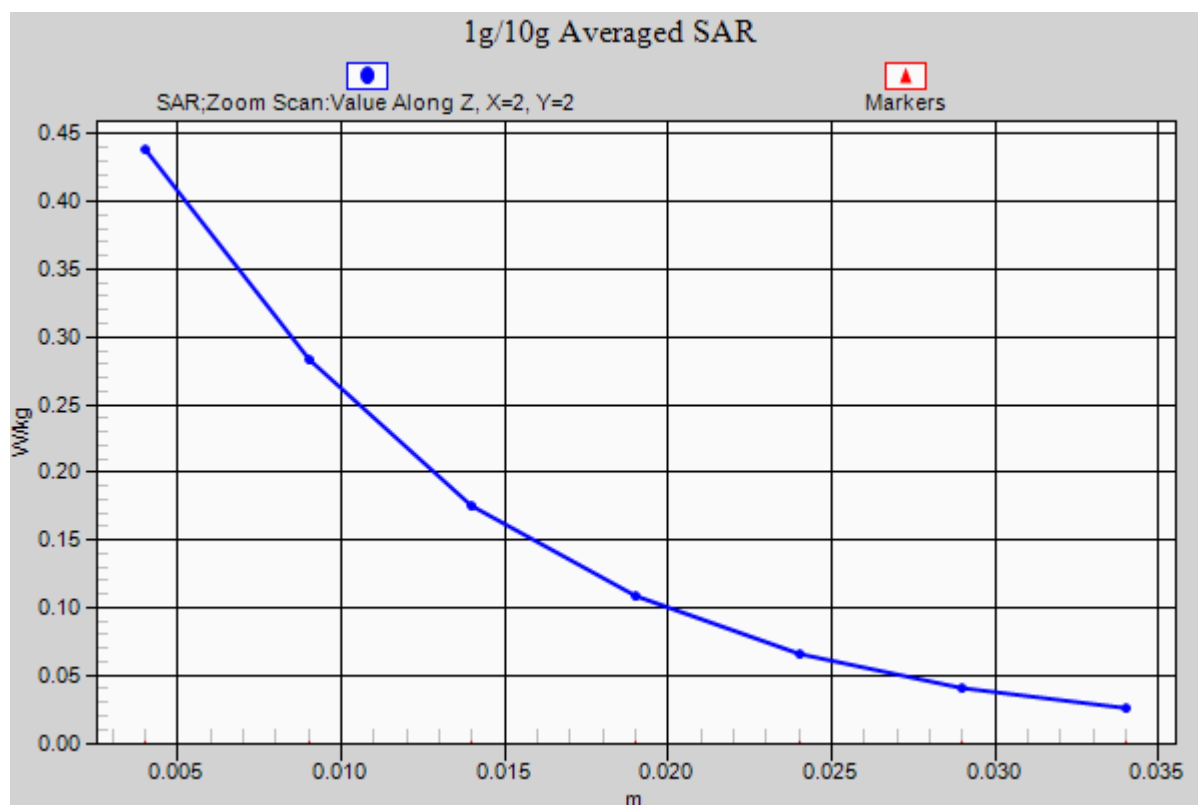
**Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.799 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.603 W/kg

**SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.239 W/kg**

Maximum value of SAR (measured) = 0.438 W/kg



**#113\_GSM1900\_GSM Voice\_Left Tilted\_Ch512****DUT: 2O3103**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_121129 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.402$  mho/m;  $\epsilon_r = 38.79$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch512/Area Scan (61x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.140 W/kg

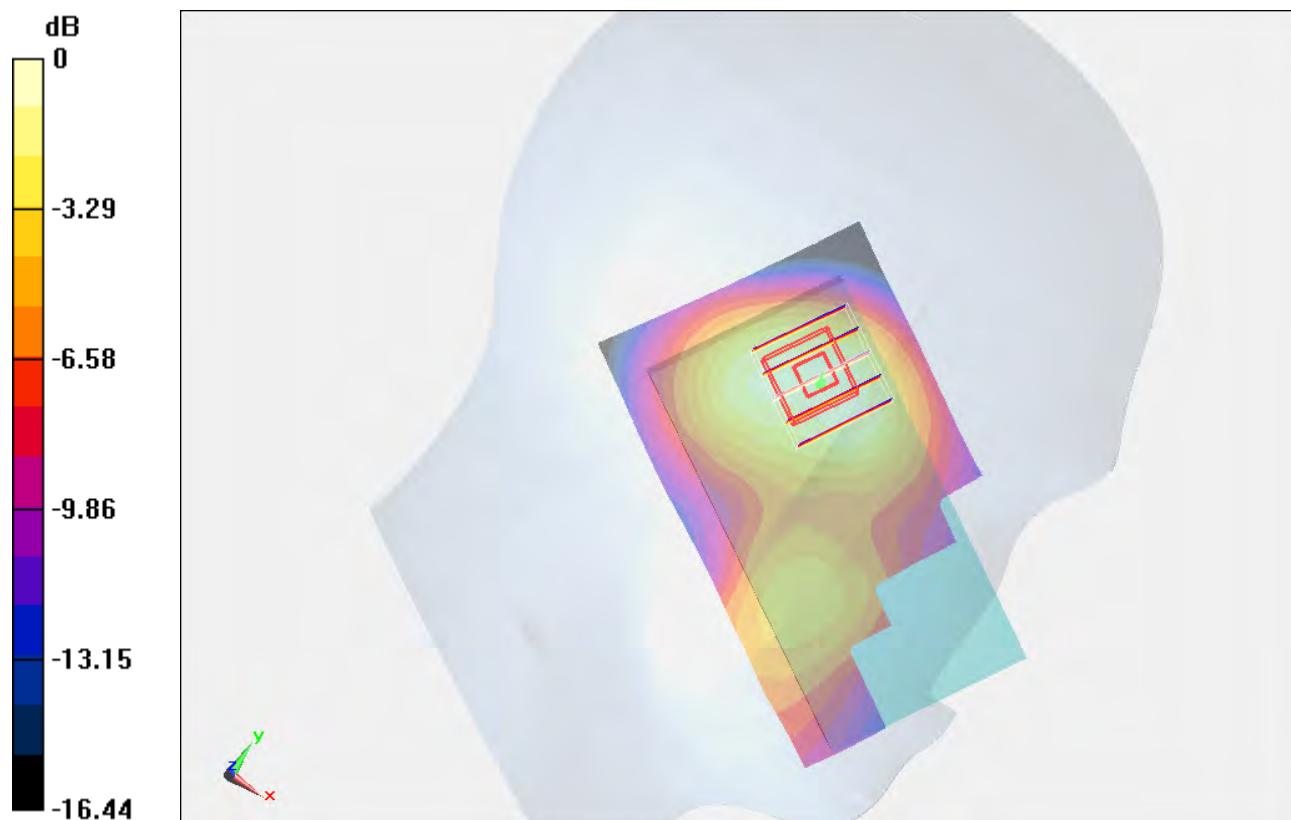
**Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 10.461 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.176 W/kg

**SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.086 W/kg**

Maximum value of SAR (measured) = 0.143 W/kg



0 dB = 0.143 W/kg = -8.45 dBW/kg

**#128\_WCDMA V\_RMC12.2K\_Right Cheek\_Ch4233****DUT: 2O3103**

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

Medium: HSL\_850\_121129 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.906$  mho/m;  $\epsilon_r = 41.51$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch4233/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.529 W/kg

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

Reference Value = 23.936 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.559 W/kg

**SAR(1 g) = 0.464 W/kg; SAR(10 g) = 0.350 W/kg**

Maximum value of SAR (measured) = 0.484 W/kg



0 dB = 0.484 W/kg = -3.15 dBW/kg

**#128\_WCDMA V\_RMC12.2K\_Right Cheek\_Ch4233\_2D****DUT: 2O3103**

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

Medium: HSL\_850\_121129 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.906$  mho/m;  $\epsilon_r = 41.51$ ;  $\rho =$

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

Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch4233/Area Scan (61x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) =  $0.529 \text{ W/kg}$

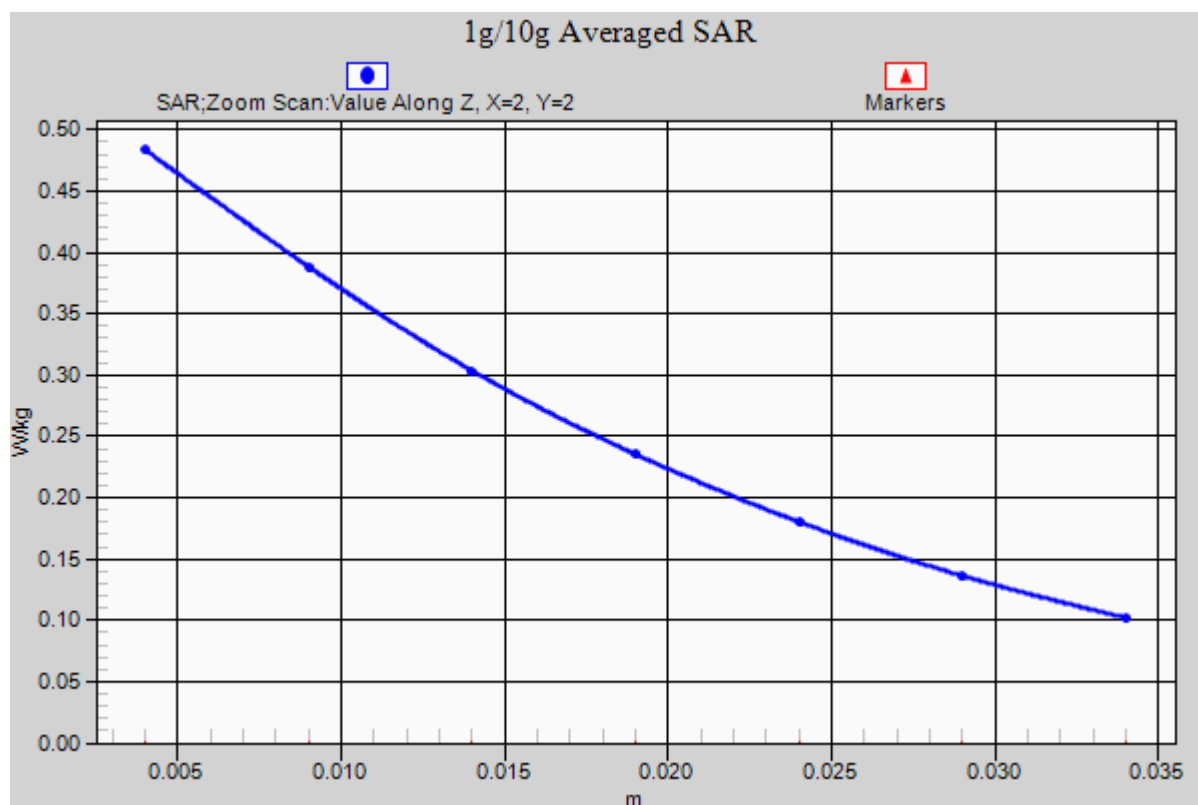
**Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $23.936 \text{ V/m}$ ; Power Drift =  $-0.05 \text{ dB}$

Peak SAR (extrapolated) =  $0.559 \text{ W/kg}$

**SAR(1 g) =  $0.464 \text{ W/kg}$ ; SAR(10 g) =  $0.350 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.484 \text{ W/kg}$



**#129\_WCDMA V\_RMC12.2K\_Right Tilted\_Ch4233****DUT: 2O3103**

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

Medium: HSL\_850\_121129 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.906$  mho/m;  $\epsilon_r = 41.51$ ;  $\rho =$

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

Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch4233/Area Scan (61x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) =  $0.310 \text{ W/kg}$

**Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $19.063 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.349 \text{ W/kg}$

**SAR(1 g) =  $0.290 \text{ W/kg}$ ; SAR(10 g) =  $0.217 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.307 \text{ W/kg}$



0 dB =  $0.307 \text{ W/kg}$  =  $-5.13 \text{ dBW/kg}$

**#130\_WCDMA V\_RMC12.2K\_Left Cheek\_Ch4233****DUT: 2O3103**

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

Medium: HSL\_850\_121129 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.906$  mho/m;  $\epsilon_r = 41.51$ ;  $\rho =$

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

Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch4233/Area Scan (61x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) =  $0.503 \text{ W/kg}$

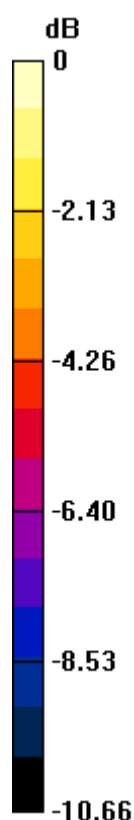
**Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $23.555 \text{ V/m}$ ; Power Drift =  $0.02 \text{ dB}$

Peak SAR (extrapolated) =  $0.560 \text{ W/kg}$

**SAR(1 g) =  $0.435 \text{ W/kg}$ ; SAR(10 g) =  $0.315 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.459 \text{ W/kg}$



0 dB =  $0.459 \text{ W/kg}$  =  $-3.38 \text{ dBW/kg}$

**#131\_WCDMA V\_RMC12.2K\_Left Tilted\_Ch4233****DUT: 2O3103**

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

Medium: HSL\_850\_121129 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.906$  mho/m;  $\epsilon_r = 41.51$ ;  $\rho =$

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

Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch4233/Area Scan (61x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) =  $0.291 \text{ W/kg}$

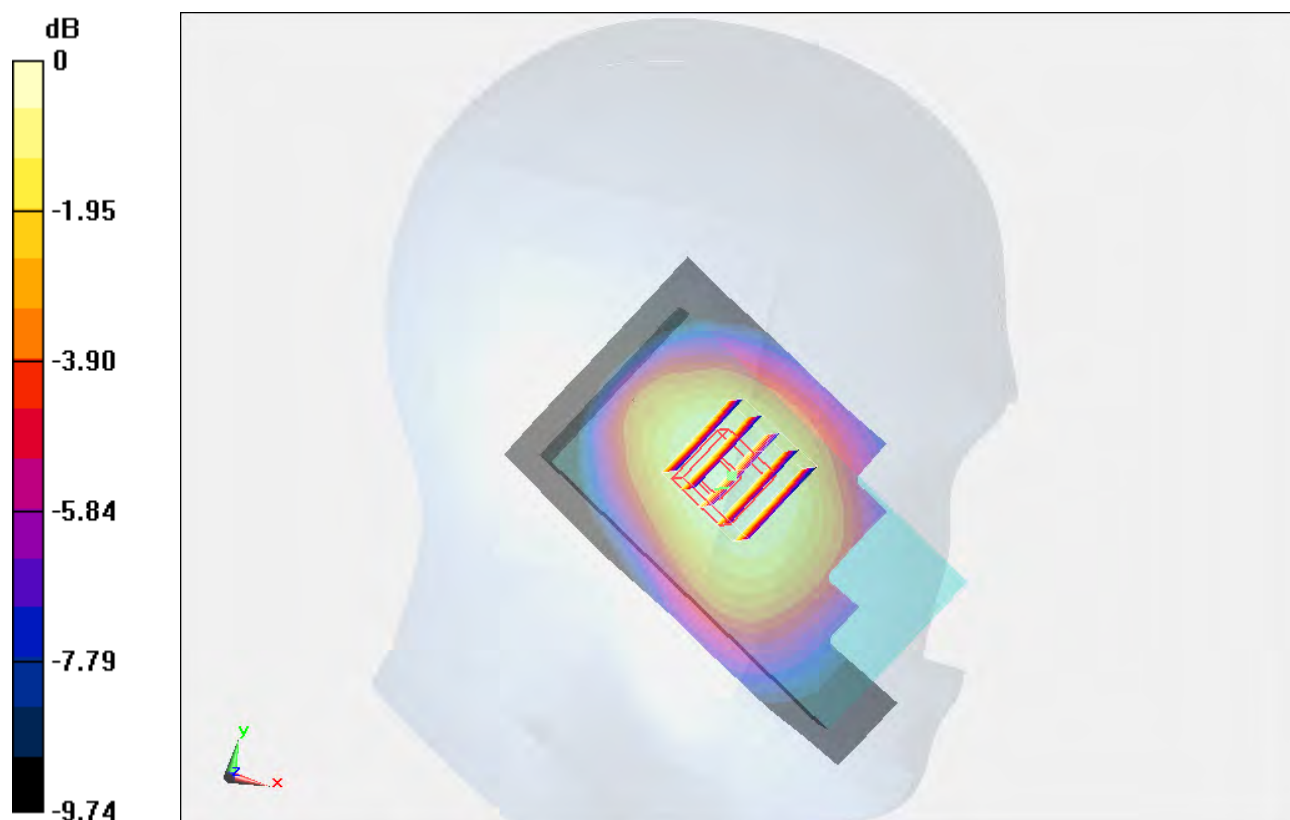
**Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $18.800 \text{ V/m}$ ; Power Drift =  $-0.04 \text{ dB}$

Peak SAR (extrapolated) =  $0.327 \text{ W/kg}$

**SAR(1 g) =  $0.273 \text{ W/kg}$ ; SAR(10 g) =  $0.205 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.285 \text{ W/kg}$



0 dB =  $0.285 \text{ W/kg}$  =  $-5.45 \text{ dBW/kg}$

**#114\_WCDMA II\_RMC12.2K\_Right Cheek\_Ch9400****DUT: 2O3103**

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

Medium: HSL\_1900\_121129 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.431$  mho/m;  $\epsilon_r = 38.603$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch9400/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.448 W/kg

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

Reference Value = 18.079 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.566 W/kg

**SAR(1 g) = 0.401 W/kg; SAR(10 g) = 0.248 W/kg**

Maximum value of SAR (measured) = 0.426 W/kg

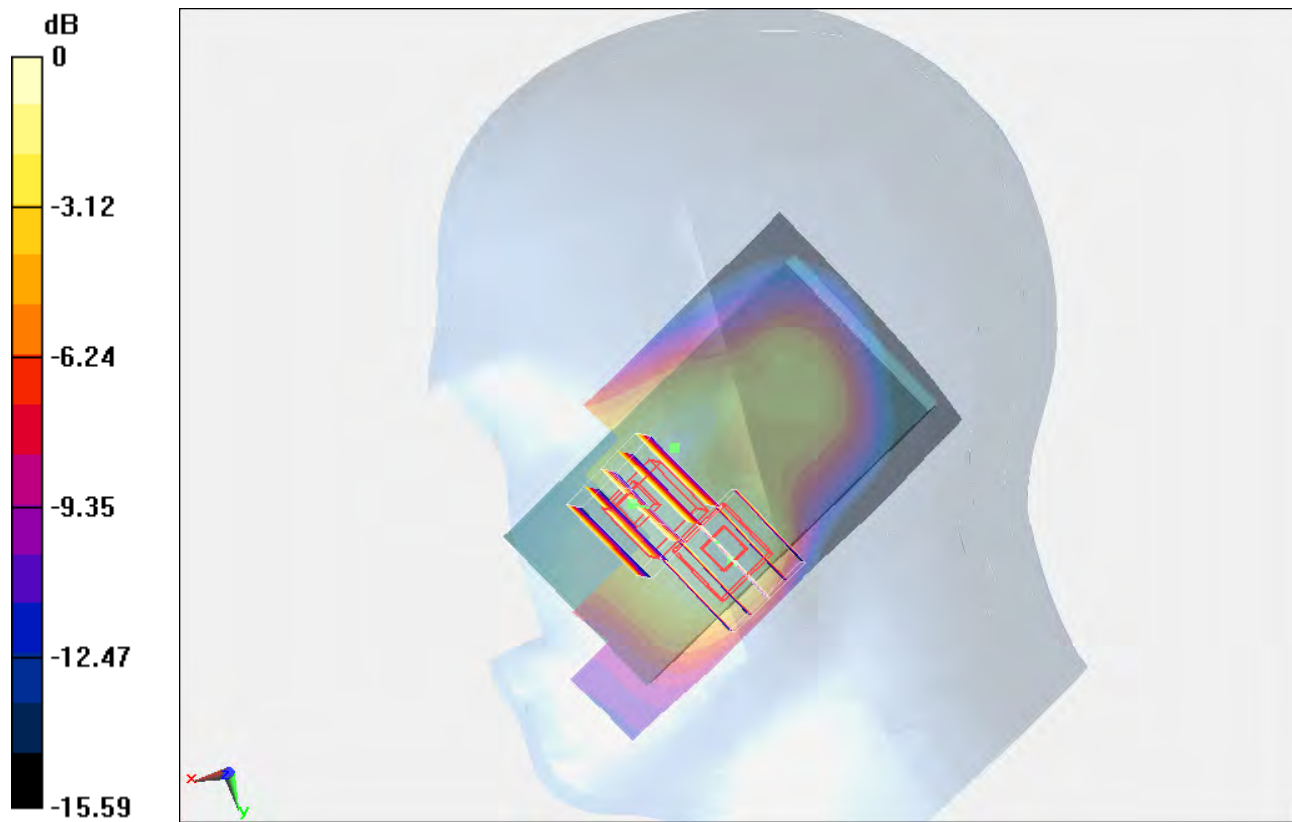
**Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.079 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.516 W/kg

**SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.235 W/kg**

Maximum value of SAR (measured) = 0.401 W/kg



0 dB = 0.401 W/kg = -3.97 dBW/kg

**#115\_WCDMA II\_RMC12.2K\_Right Tilted\_Ch9400****DUT: 2O3103**

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

Medium: HSL\_1900\_121129 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.431$  mho/m;  $\epsilon_r = 38.603$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch9400/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.259 W/kg

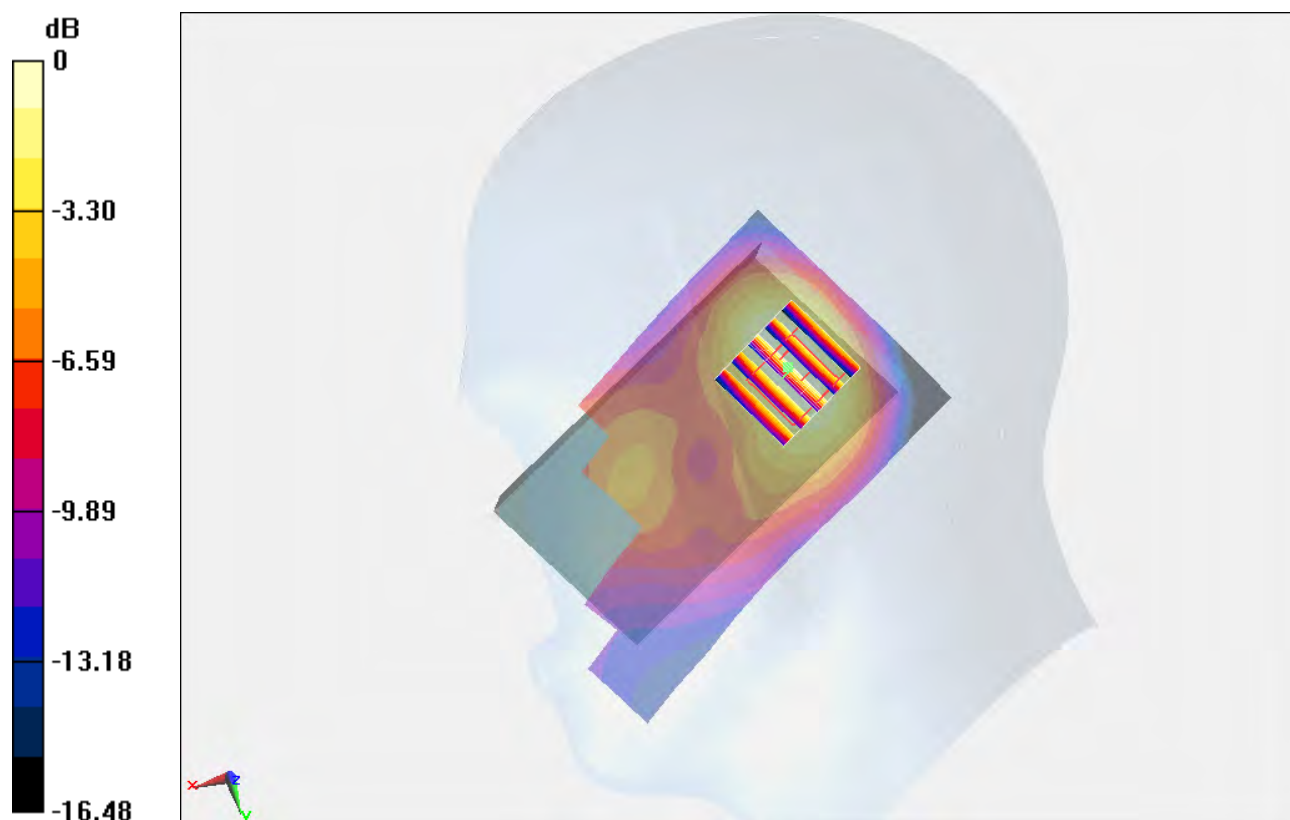
**Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.547 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.354 W/kg

**SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.150 W/kg**

Maximum value of SAR (measured) = 0.269 W/kg



0 dB = 0.269 W/kg = -5.70 dBW/kg

**#116\_WCDMA II\_RMC12.2K\_Left Cheek\_Ch9400****DUT: 2O3103**

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

Medium: HSL\_1900\_121129 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.431$  mho/m;  $\epsilon_r = 38.603$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch9400/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.863 W/kg

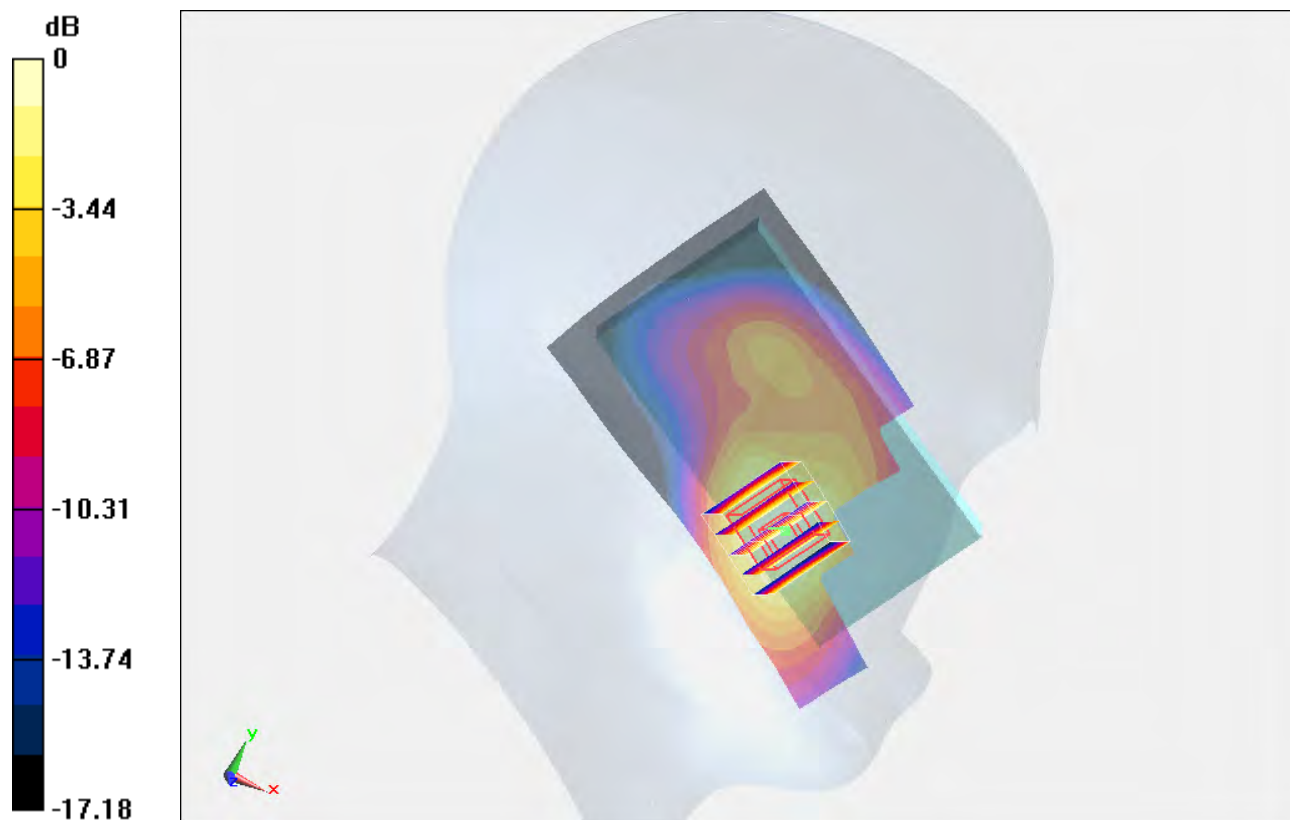
**Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.677 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.770 W/kg; SAR(10 g) = 0.453 W/kg**

Maximum value of SAR (measured) = 0.837 W/kg



0 dB = 0.837 W/kg = -0.77 dBW/kg

**#117\_WCDMA II\_RMC12.2K\_Left Cheek\_Ch9262****DUT: 2O3103**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_121129 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.404$  mho/m;  $\epsilon_r = 38.781$ ;

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch9262/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.873 W/kg

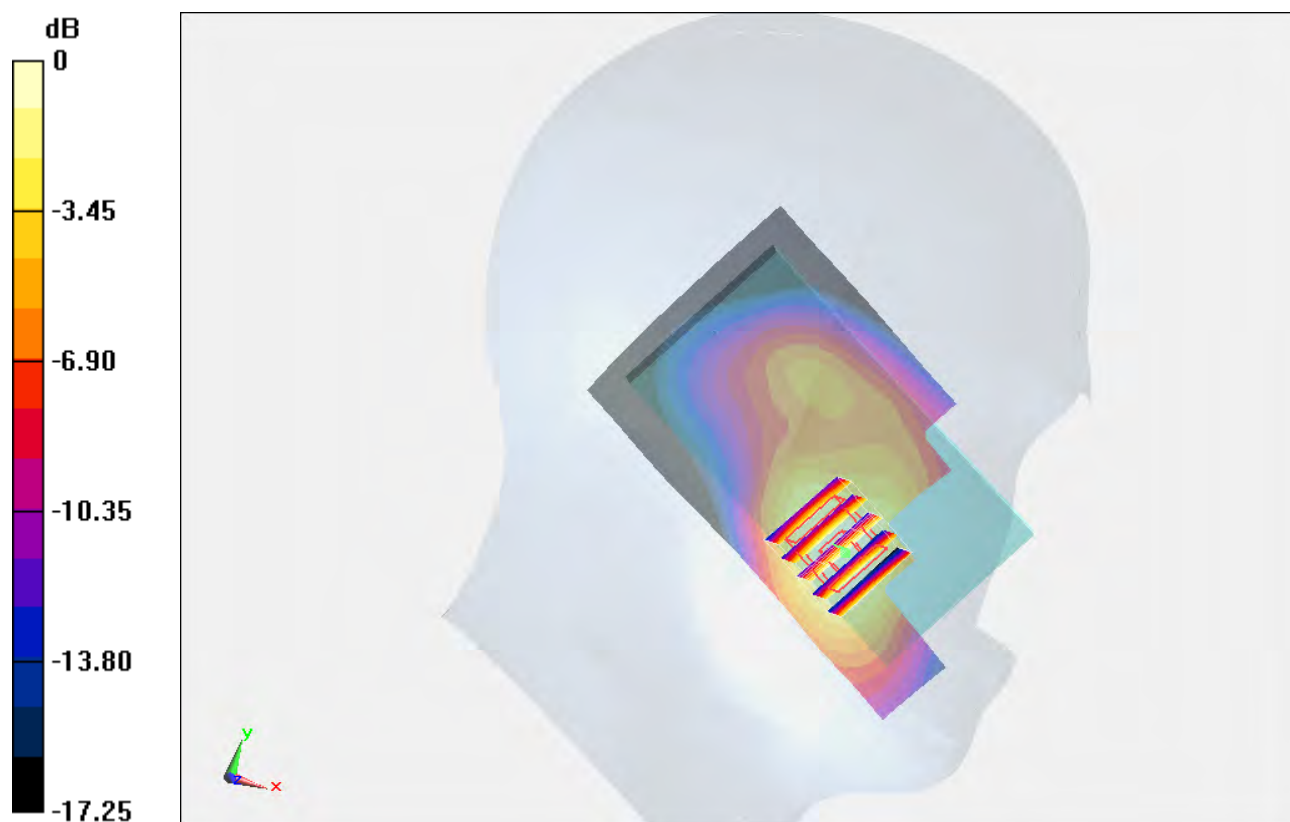
**Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.946 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.19 W/kg

**SAR(1 g) = 0.782 W/kg; SAR(10 g) = 0.465 W/kg**

Maximum value of SAR (measured) = 0.850 W/kg



0 dB = 0.850 W/kg = -0.71 dBW/kg

## #117\_WCDMA II\_RMC12.2K\_Left Cheek\_Ch9262\_2D

## DUT: 2O3103

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_121129 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.404$  mho/m;  $\epsilon_r = 38.781$ ; $\rho = 1000$  kg/m<sup>3</sup>

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

## DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch9262/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.873 W/kg

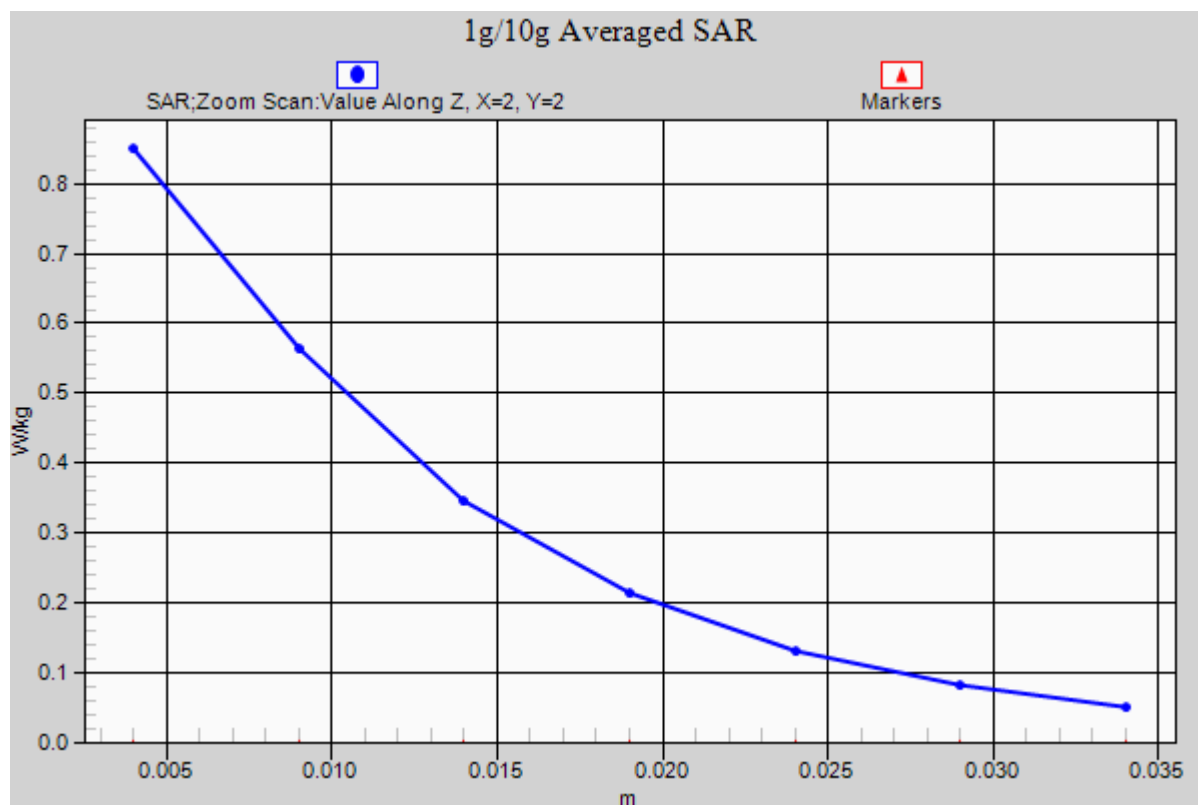
**Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.946 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.782 W/kg; SAR(10 g) = 0.465 W/kg

Maximum value of SAR (measured) = 0.850 W/kg



**#118\_WCDMA II\_RMC12.2K\_Left Cheek\_Ch9538****DUT: 2O3103**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_121129 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.457$  mho/m;  $\epsilon_r = 38.278$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch9538/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.726 W/kg

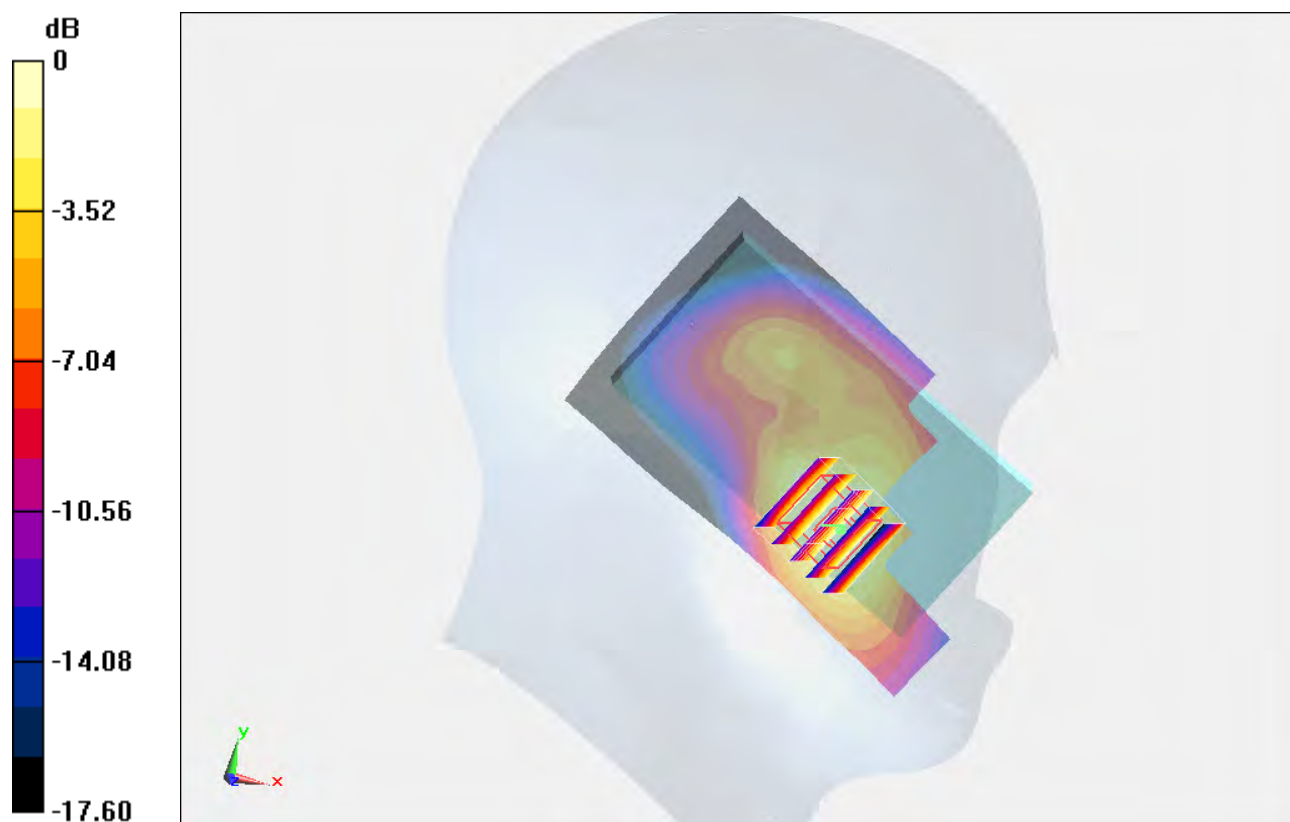
**Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.239 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.988 W/kg

**SAR(1 g) = 0.638 W/kg; SAR(10 g) = 0.380 W/kg**

Maximum value of SAR (measured) = 0.696 W/kg



0 dB = 0.696 W/kg = -1.57 dBW/kg

**#119\_WCDMA II\_RMC12.2K\_Left Tilted\_Ch9400****DUT: 2O3103**

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

Medium: HSL\_1900\_121129 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.431$  mho/m;  $\epsilon_r = 38.603$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch9400/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.282 W/kg

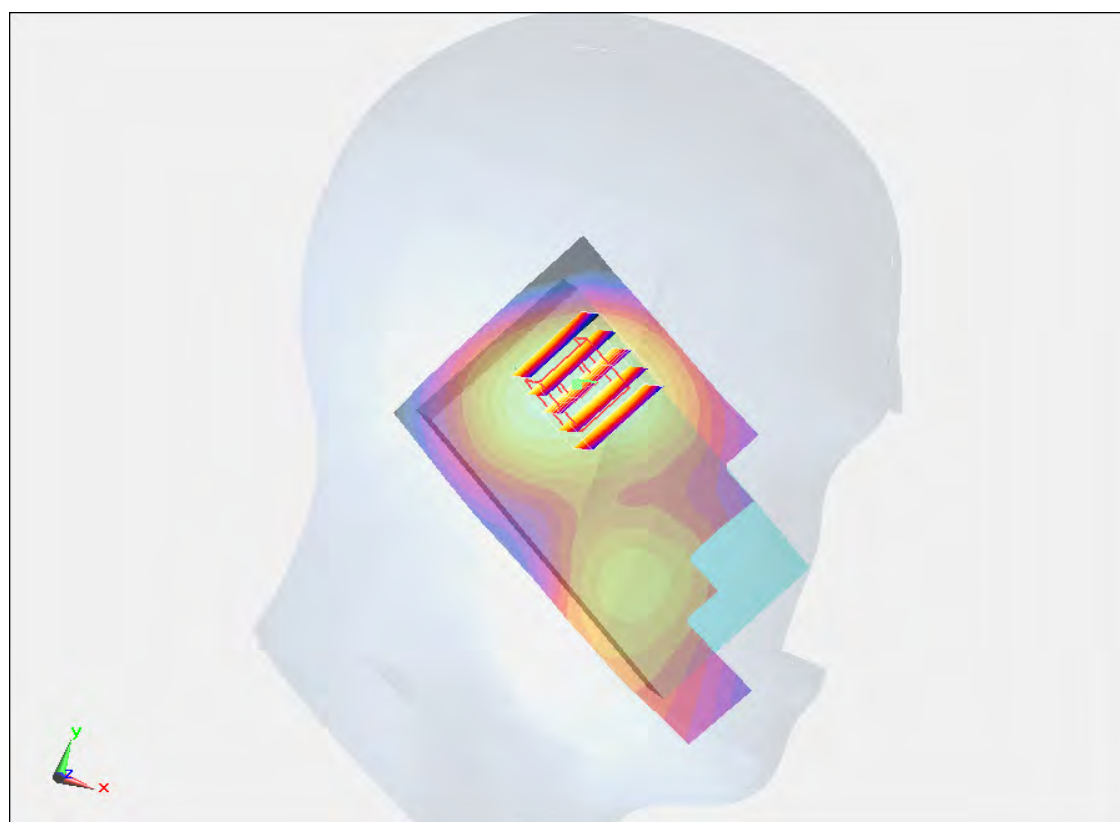
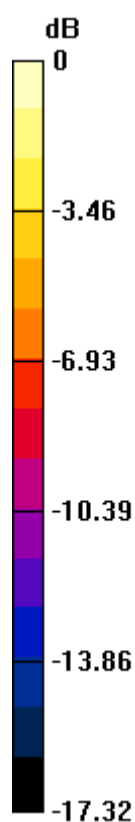
**Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.305 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.343 W/kg

**SAR(1 g) = 0.252 W/kg; SAR(10 g) = 0.161 W/kg**

Maximum value of SAR (measured) = 0.271 W/kg



0 dB = 0.271 W/kg = -5.67 dBW/kg

**#201\_LTE Band 17\_10M\_QPSK 1RB 49offset\_Right Cheek\_Ch23790****DUT: 2O3103**

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

Medium: HSL\_750\_121208 Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.869$  mho/m;  $\epsilon_r = 41.783$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.46, 6.46, 6.46); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch23790/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.439 mW/g

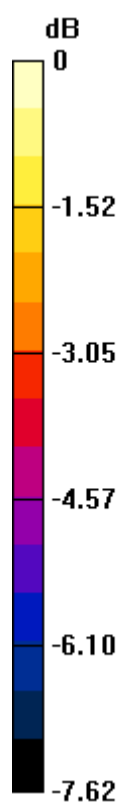
**Configuration/Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.808 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.449 mW/g

**SAR(1 g) = 0.383 mW/g; SAR(10 g) = 0.299 mW/g**

Maximum value of SAR (measured) = 0.404 mW/g



0 dB = 0.404 mW/g = -7.87 dB mW/g

**#202\_LTE Band 17\_10M\_QPSK 25RB 0offset\_Right Cheek\_Ch23780****DUT: 2O3103**

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_121208 Medium parameters used:  $f = 709$  MHz;  $\sigma = 0.868$  mho/m;  $\epsilon_r = 41.785$ ;  $\rho =$

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

Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.46, 6.46, 6.46); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch23780/Area Scan (71x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) =  $0.287 \text{ mW/g}$

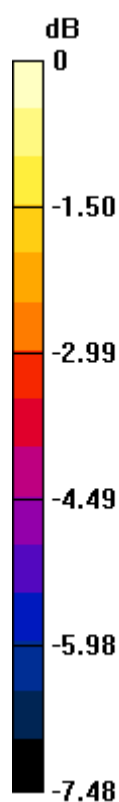
**Configuration/Ch23780/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $18.224 \text{ V/m}$ ; Power Drift =  $-0.11 \text{ dB}$

Peak SAR (extrapolated) =  $0.300 \text{ mW/g}$

**SAR(1 g) =  $0.258 \text{ mW/g}$ ; SAR(10 g) =  $0.203 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.266 \text{ mW/g}$



0 dB =  $0.266 \text{ mW/g}$  =  $-11.50 \text{ dB mW/g}$

**#203\_LTE Band 17\_10M\_QPSK 1RB 49offset\_Right Tilted\_Ch23790****DUT: 2O3103**

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

Medium: HSL\_750\_121208 Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.869$  mho/m;  $\epsilon_r = 41.783$ ;  $\rho =$

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

Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.46, 6.46, 6.46); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch23790/Area Scan (71x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) =  $0.222 \text{ mW/g}$

**Configuration/Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $16.273 \text{ V/m}$ ; Power Drift =  $-0.02 \text{ dB}$

Peak SAR (extrapolated) =  $0.251 \text{ mW/g}$

**SAR(1 g) =  $0.213 \text{ mW/g}$ ; SAR(10 g) =  $0.170 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.222 \text{ mW/g}$

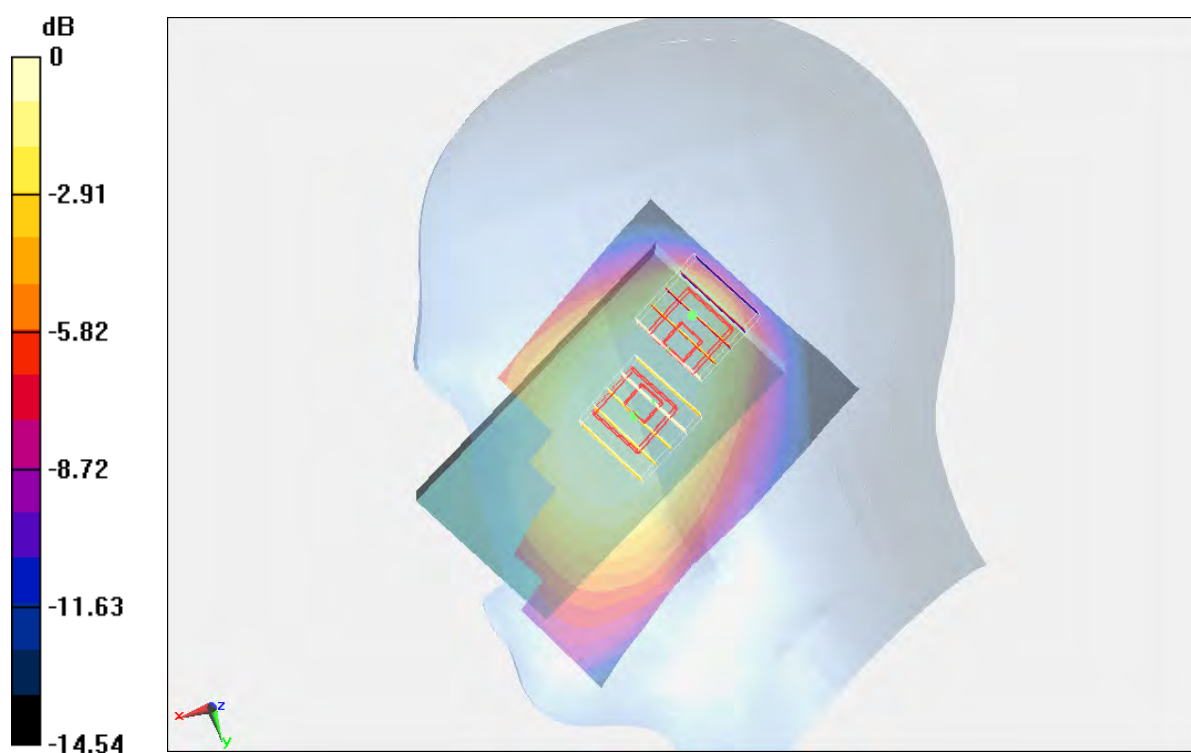
**Configuration/Ch23790/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $16.273 \text{ V/m}$ ; Power Drift =  $-0.02 \text{ dB}$

Peak SAR (extrapolated) =  $0.228 \text{ mW/g}$

**SAR(1 g) =  $0.147 \text{ mW/g}$ ; SAR(10 g) =  $0.102 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.171 \text{ mW/g}$



0 dB =  $0.171 \text{ mW/g}$  =  $-15.34 \text{ dB mW/g}$

**#204\_LTE Band 17\_10M\_QPSK 25RB 0offset\_Right Tilted\_Ch23780****DUT: 2O3103**

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_121208 Medium parameters used:  $f = 709$  MHz;  $\sigma = 0.868$  mho/m;  $\epsilon_r = 41.785$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.46, 6.46, 6.46); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch23780/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.154 mW/g

**Configuration/Ch23780/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.462 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.172 mW/g

**SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.116 mW/g**

Maximum value of SAR (measured) = 0.153 mW/g

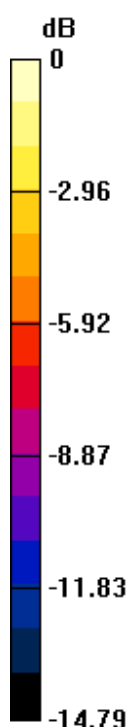
**Configuration/Ch23780/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.462 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.154 mW/g

**SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.071 mW/g**

Maximum value of SAR (measured) = 0.122 mW/g



0 dB = 0.122 mW/g = -18.27 dB mW/g

**#205\_LTE Band 17\_10M\_QPSK 1RB 49offset\_Left Cheek\_Ch23790****DUT: 2O3103**

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

Medium: HSL\_750\_121208 Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.869$  mho/m;  $\epsilon_r = 41.783$ ;  $\rho =$

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

Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.46, 6.46, 6.46); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch23790/Area Scan (71x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.462 \text{ mW/g}$

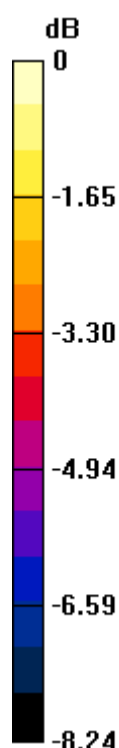
**Configuration/Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $23.283 \text{ V/m}$ ; Power Drift =  $-0.16 \text{ dB}$

Peak SAR (extrapolated) =  $0.524 \text{ mW/g}$

**SAR(1 g) =  $0.414 \text{ mW/g}$ ; SAR(10 g) =  $0.313 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.435 \text{ mW/g}$



0 dB =  $0.435 \text{ mW/g}$  =  $-7.23 \text{ dB mW/g}$

**#205\_LTE Band 17\_10M\_QPSK 1RB 49offset\_Left Cheek\_Ch23790\_2D****DUT: 2O3103**

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

Medium: HSL\_750\_121208 Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.869$  mho/m;  $\epsilon_r = 41.783$ ;  $\rho =$

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

Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.46, 6.46, 6.46); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch23790/Area Scan (71x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) =  $0.462 \text{ mW/g}$

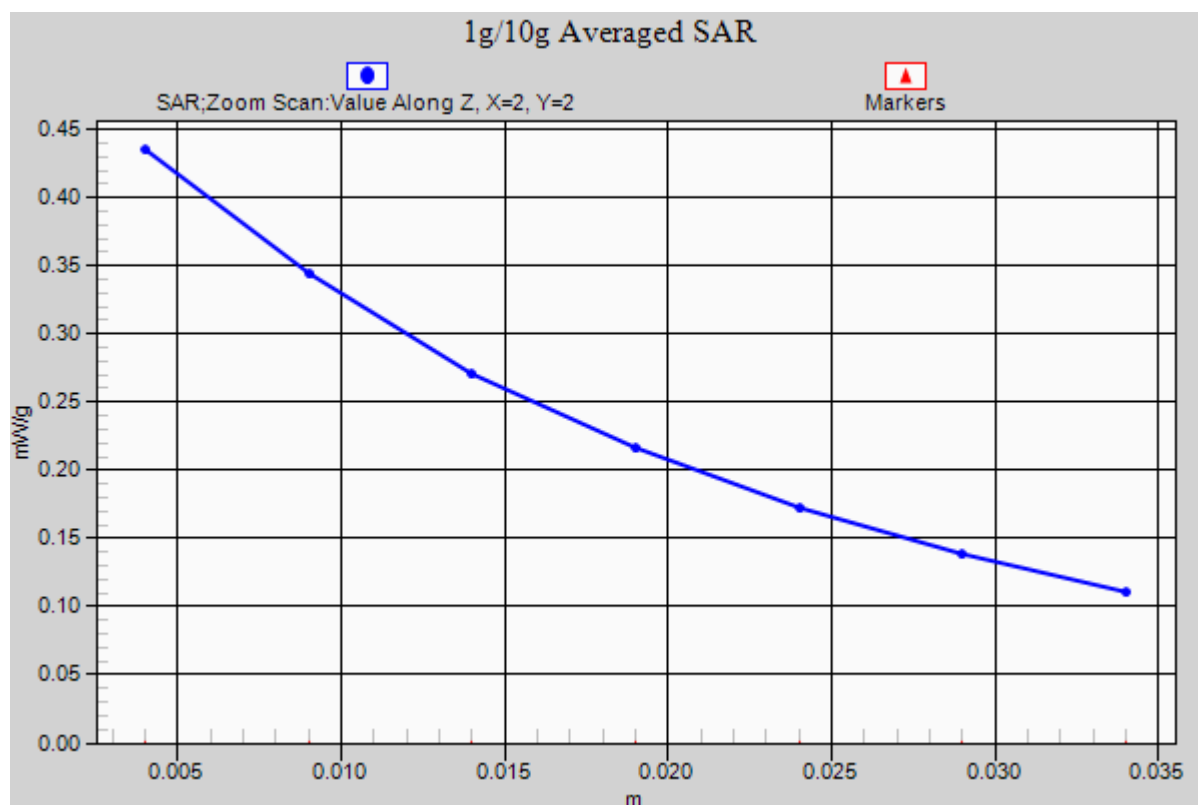
**Configuration/Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $23.283 \text{ V/m}$ ; Power Drift =  $-0.16 \text{ dB}$

Peak SAR (extrapolated) =  $0.524 \text{ mW/g}$

**SAR(1 g) =  $0.414 \text{ mW/g}$ ; SAR(10 g) =  $0.313 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.435 \text{ mW/g}$



**#206\_LTE Band 17\_10M\_QPSK 25RB 0offset\_Left Cheek\_Ch23780****DUT: 2O3103**

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_121208 Medium parameters used:  $f = 709$  MHz;  $\sigma = 0.868$  mho/m;  $\epsilon_r = 41.785$ ;  $\rho =$

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

Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.46, 6.46, 6.46); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch23780/Area Scan (71x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) =  $0.303 \text{ mW/g}$

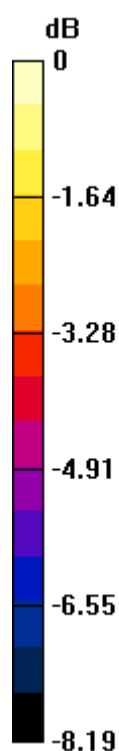
**Configuration/Ch23780/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $19.138 \text{ V/m}$ ; Power Drift =  $-0.06 \text{ dB}$

Peak SAR (extrapolated) =  $0.341 \text{ mW/g}$

**SAR(1 g) =  $0.278 \text{ mW/g}$ ; SAR(10 g) =  $0.213 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.290 \text{ mW/g}$



0 dB =  $0.290 \text{ mW/g}$  =  $-10.75 \text{ dB mW/g}$

**#207\_LTE Band 17\_10M\_QPSK 1RB 49offset\_Left Tilted\_Ch23790****DUT: 2O3103**

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

Medium: HSL\_750\_121208 Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.869$  mho/m;  $\epsilon_r = 41.783$ ;  $\rho =$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.46, 6.46, 6.46); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch23790/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.222 mW/g

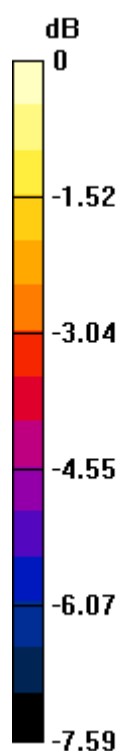
**Configuration/Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.789 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.253 mW/g

**SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.170 mW/g**

Maximum value of SAR (measured) = 0.221 mW/g



0 dB = 0.221 mW/g = -13.11 dB mW/g

**#208\_LTE Band 17\_10M\_QPSK 25RB 0offset\_Left Tilted\_Ch23780****DUT: 2O3103**

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_121208 Medium parameters used:  $f = 709$  MHz;  $\sigma = 0.868$  mho/m;  $\epsilon_r = 41.785$ ;  $\rho =$

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

Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.46, 6.46, 6.46); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch23780/Area Scan (71x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) =  $0.159 \text{ mW/g}$

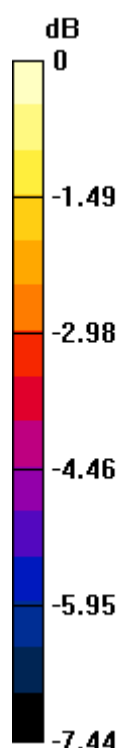
**Configuration/Ch23780/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $14.060 \text{ V/m}$ ; Power Drift =  $0.02 \text{ dB}$

Peak SAR (extrapolated) =  $0.173 \text{ mW/g}$

**SAR(1 g) =  $0.149 \text{ mW/g}$ ; SAR(10 g) =  $0.118 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.154 \text{ mW/g}$



0 dB =  $0.154 \text{ mW/g}$  =  $-16.25 \text{ dB mW/g}$

**#193\_LTE Band 5\_10M\_QPSK 1RB 49offset\_Right Cheek\_Ch20525****DUT: 2O3103**

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

Medium: HSL\_850\_121208 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 40.561$ ;  $\rho =$

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

Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20525/Area Scan (71x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) =  $0.601 \text{ mW/g}$

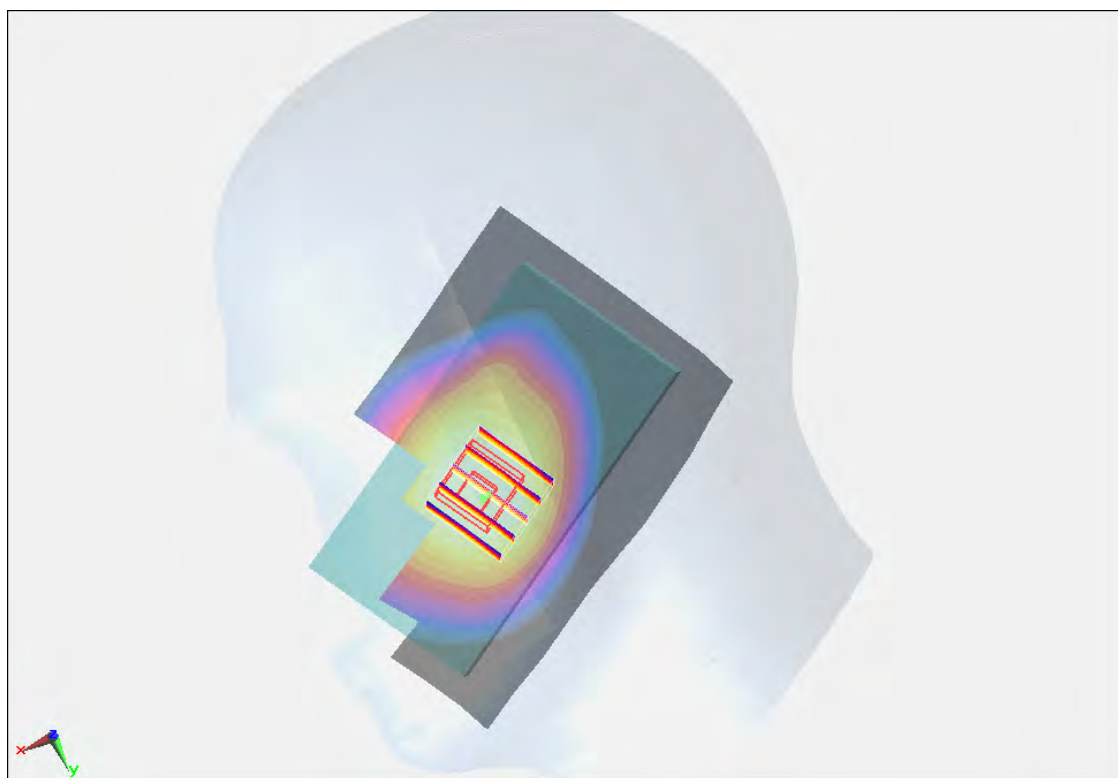
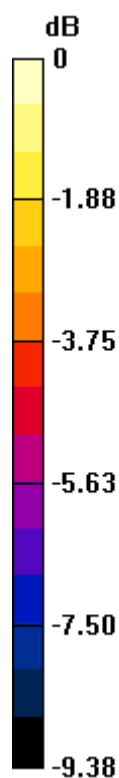
**Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $25.582 \text{ V/m}$ ; Power Drift =  $-0.12 \text{ dB}$

Peak SAR (extrapolated) =  $0.594 \text{ mW/g}$

**SAR(1 g) =  $0.514 \text{ mW/g}$ ; SAR(10 g) =  $0.397 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.536 \text{ mW/g}$



0 dB =  $0.536 \text{ mW/g}$  =  $-5.42 \text{ dB mW/g}$

**#194\_LTE Band 5\_10M\_QPSK 25RB 12offset\_Right Cheek\_Ch20525****DUT: 2O3103**

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

Medium: HSL\_850\_121208 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 40.561$ ;  $\rho =$

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

Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20525/Area Scan (71x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) =  $0.451 \text{ mW/g}$

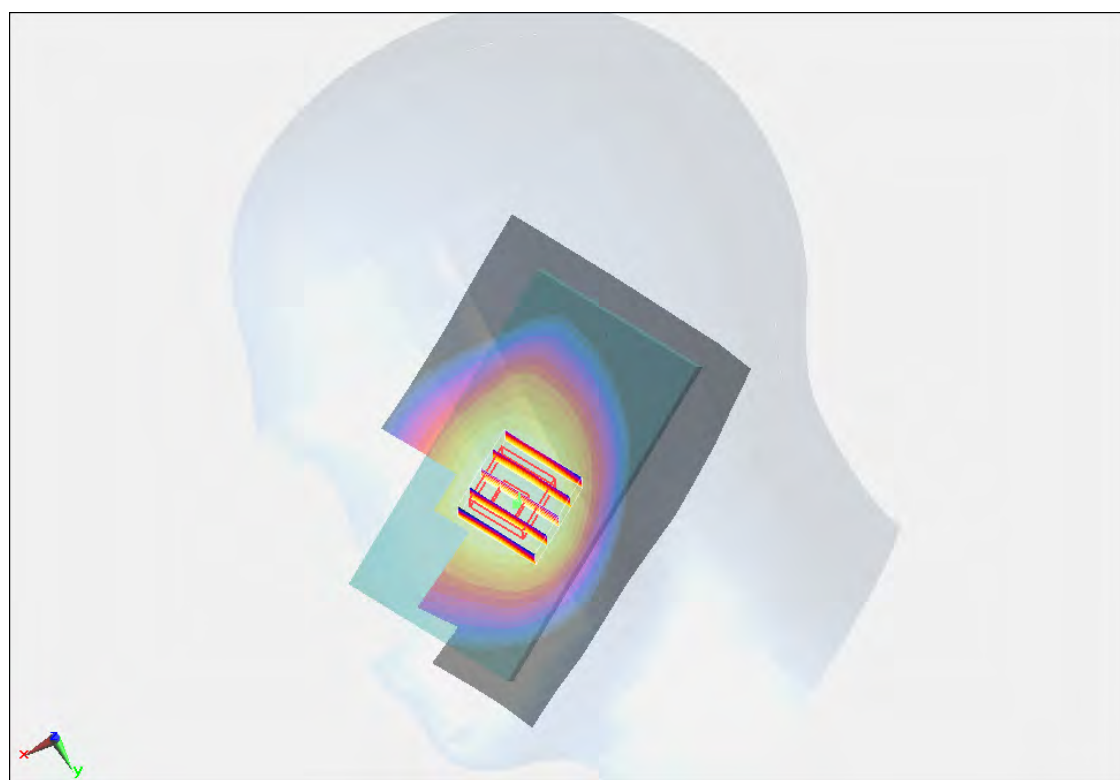
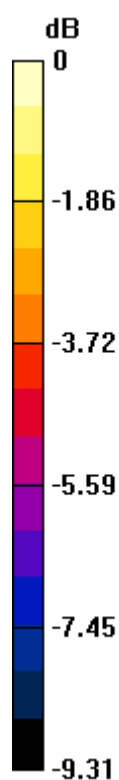
**Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $21.614 \text{ V/m}$ ; Power Drift =  $0.04 \text{ dB}$

Peak SAR (extrapolated) =  $0.459 \text{ mW/g}$

**SAR(1 g) =  $0.388 \text{ mW/g}$ ; SAR(10 g) =  $0.301 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.403 \text{ mW/g}$



0 dB =  $0.403 \text{ mW/g}$  =  $-7.89 \text{ dB mW/g}$

**#195\_LTE Band 5\_10M\_QPSK 1RB 49offset\_Right Tilted\_Ch20525****DUT: 2O3103**

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

Medium: HSL\_850\_121208 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 40.561$ ;  $\rho =$

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

Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20525/Area Scan (71x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) =  $0.410 \text{ mW/g}$

**Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $21.340 \text{ V/m}$ ; Power Drift =  $0.11 \text{ dB}$

Peak SAR (extrapolated) =  $0.443 \text{ mW/g}$

**SAR(1 g) =  $0.377 \text{ mW/g}$ ; SAR(10 g) =  $0.287 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.399 \text{ mW/g}$



0 dB =  $0.399 \text{ mW/g}$  =  $-7.98 \text{ dB mW/g}$

**#196\_LTE Band 5\_10M\_QPSK 25RB 12offset\_Right Tilted\_Ch20525****DUT: 2O3103**

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

Medium: HSL\_850\_121208 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 40.561$ ;  $\rho =$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20525/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) =  $0.247$  mW/g

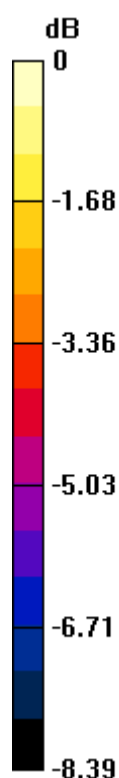
**Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value =  $16.735$  V/m; Power Drift =  $0.01$  dB

Peak SAR (extrapolated) =  $0.282$  mW/g

**SAR(1 g) =  $0.236$  mW/g; SAR(10 g) =  $0.183$  mW/g**

Maximum value of SAR (measured) =  $0.246$  mW/g



0 dB =  $0.246$  mW/g =  $-12.18$  dB mW/g

**#197\_LTE Band 5\_10M\_QPSK 1RB 49offset\_Left Cheek\_Ch20525****DUT: 2O3103**

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

Medium: HSL\_850\_121208 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 40.561$ ;  $\rho =$

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

Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20525/Area Scan (71x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) =  $0.653 \text{ mW/g}$

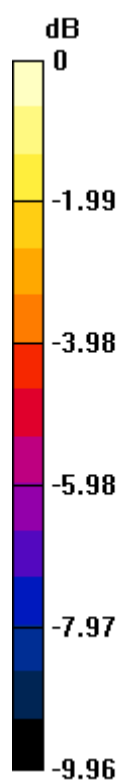
**Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $27.370 \text{ V/m}$ ; Power Drift =  $-0.05 \text{ dB}$

Peak SAR (extrapolated) =  $0.705 \text{ mW/g}$

**SAR(1 g) =  $0.585 \text{ mW/g}$ ; SAR(10 g) =  $0.437 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.620 \text{ mW/g}$



0 dB =  $0.620 \text{ mW/g}$  =  $-4.15 \text{ dB mW/g}$

**#197\_LTE Band 5\_10M\_QPSK 1RB 49offset\_Left Cheek\_Ch20525\_2D****DUT: 2O3103**

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

Medium: HSL\_850\_121208 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 40.561$ ;  $\rho =$

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

Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20525/Area Scan (71x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) =  $0.653 \text{ mW/g}$

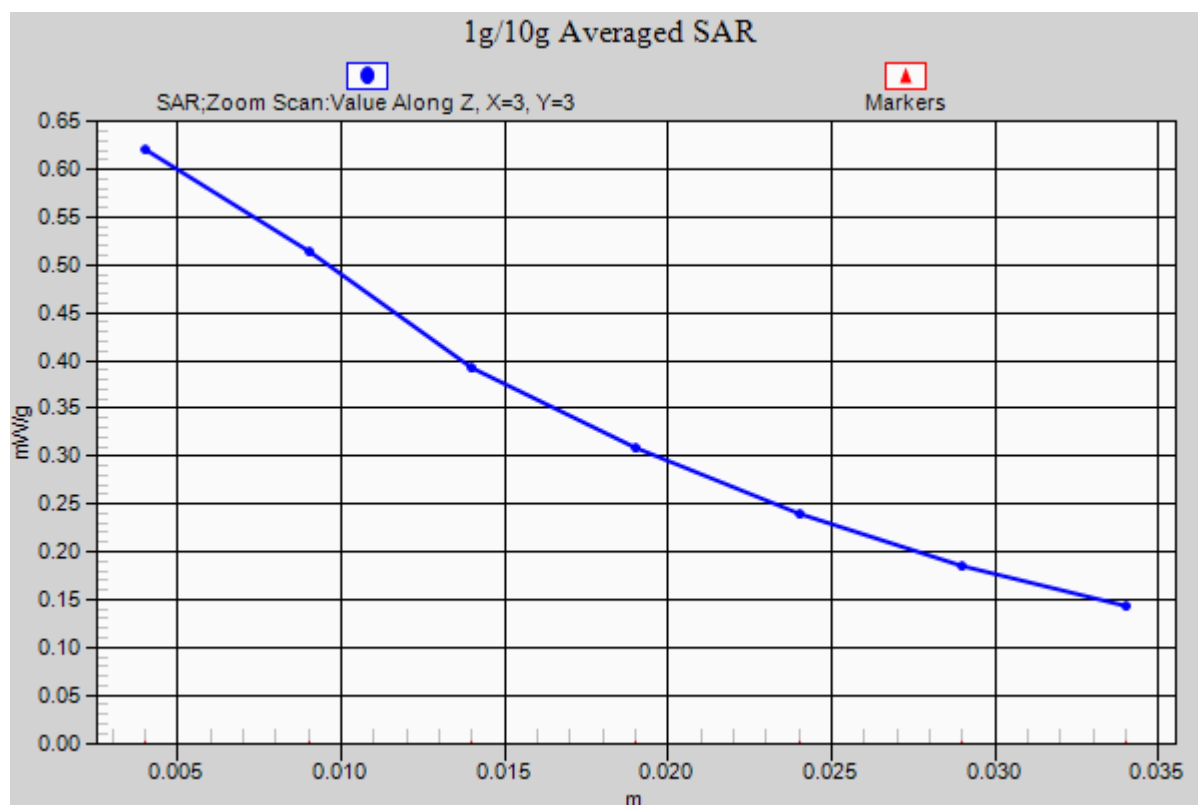
**Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $27.370 \text{ V/m}$ ; Power Drift =  $-0.05 \text{ dB}$

Peak SAR (extrapolated) =  $0.705 \text{ mW/g}$

**SAR(1 g) =  $0.585 \text{ mW/g}$ ; SAR(10 g) =  $0.437 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.620 \text{ mW/g}$



**#198\_LTE Band 5\_10M\_QPSK 25RB 12offset\_Left Cheek\_Ch20525****DUT: 2O3103**

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

Medium: HSL\_850\_121208 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 40.561$ ;  $\rho =$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20525/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.402 mW/g

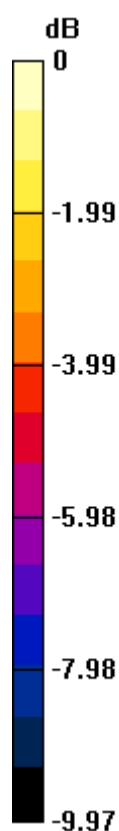
**Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.806 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.467 mW/g

**SAR(1 g) = 0.368 mW/g; SAR(10 g) = 0.276 mW/g**

Maximum value of SAR (measured) = 0.383 mW/g



0 dB = 0.383 mW/g = -8.34 dB mW/g

**#199\_LTE Band 5\_10M\_QPSK 1RB 49offset\_Left Tilted\_Ch20525****DUT: 2O3103**

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

Medium: HSL\_850\_121208 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 40.561$ ;  $\rho =$

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

Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20525/Area Scan (71x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) =  $0.382 \text{ mW/g}$

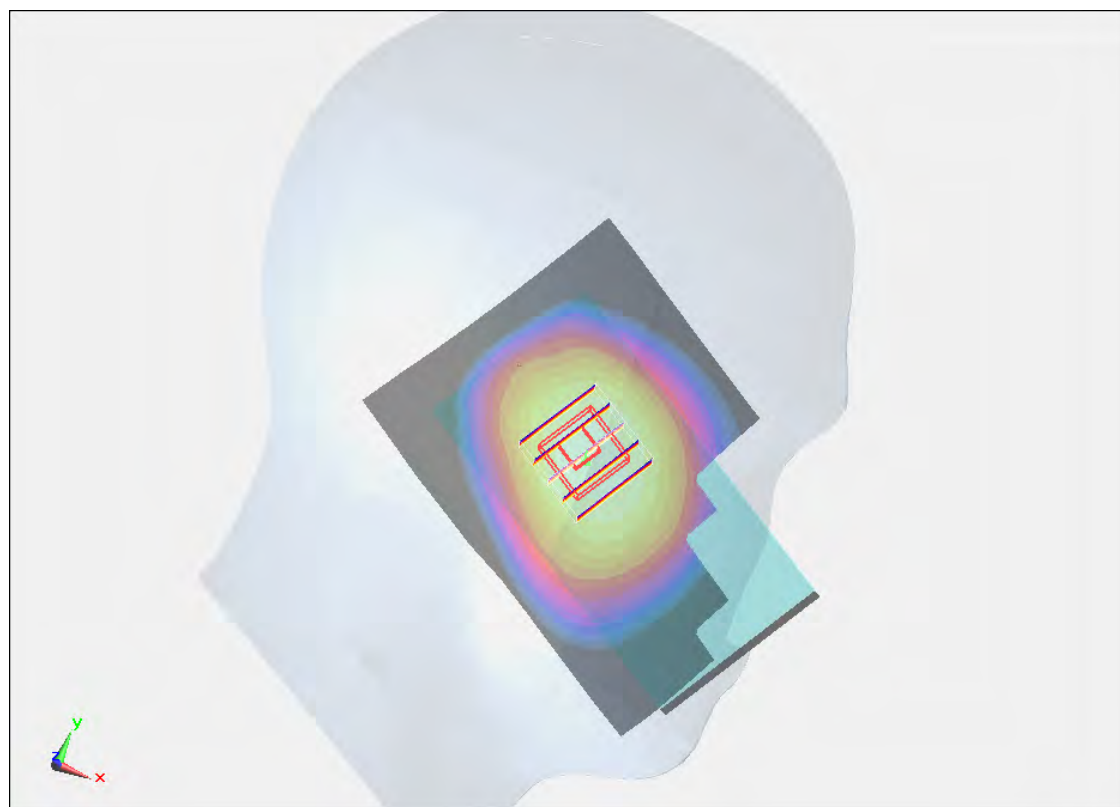
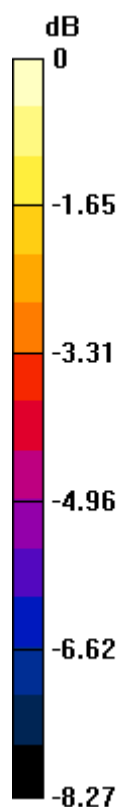
**Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $21.562 \text{ V/m}$ ; Power Drift =  $-0.03 \text{ dB}$

Peak SAR (extrapolated) =  $0.422 \text{ mW/g}$

**SAR(1 g) =  $0.353 \text{ mW/g}$ ; SAR(10 g) =  $0.271 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.371 \text{ mW/g}$



0 dB =  $0.371 \text{ mW/g}$  =  $-8.61 \text{ dB mW/g}$

**#200\_LTE Band 5\_10M\_QPSK 25RB 12offset\_Left Tilted\_Ch20525****DUT: 2O3103**

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

Medium: HSL\_850\_121208 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 40.561$ ;  $\rho =$

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

Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20525/Area Scan (71x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) =  $0.227 \text{ mW/g}$

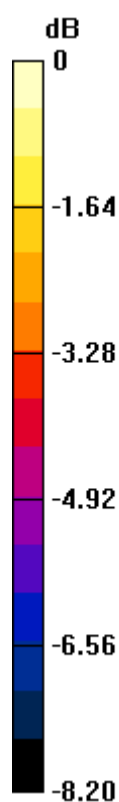
**Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $16.599 \text{ V/m}$ ; Power Drift =  $0.02 \text{ dB}$

Peak SAR (extrapolated) =  $0.251 \text{ mW/g}$

**SAR(1 g) =  $0.214 \text{ mW/g}$ ; SAR(10 g) =  $0.167 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.222 \text{ mW/g}$



0 dB =  $0.222 \text{ mW/g}$  =  $-13.07 \text{ dB mW/g}$

## #143\_LTE Band 4\_20M\_QPSK 1RB 0offset\_Right Cheek\_Ch20175

**DUT: 2O3103**

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

Medium: HSL1750\_121206 Medium parameters used :  $f = 1732.5$  MHz;  $\sigma = 1.362$  mho/m;  $\epsilon_r = 40.098$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.27, 5.27, 5.27); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20175/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.428 mW/g**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.926 V/m; Power Drift = -0.154 dB

Peak SAR (extrapolated) = 0.488 mW/g

**SAR(1 g) = 0.376 mW/g; SAR(10 g) = 0.253 mW/g**

Maximum value of SAR (measured) = 0.403 mW/g

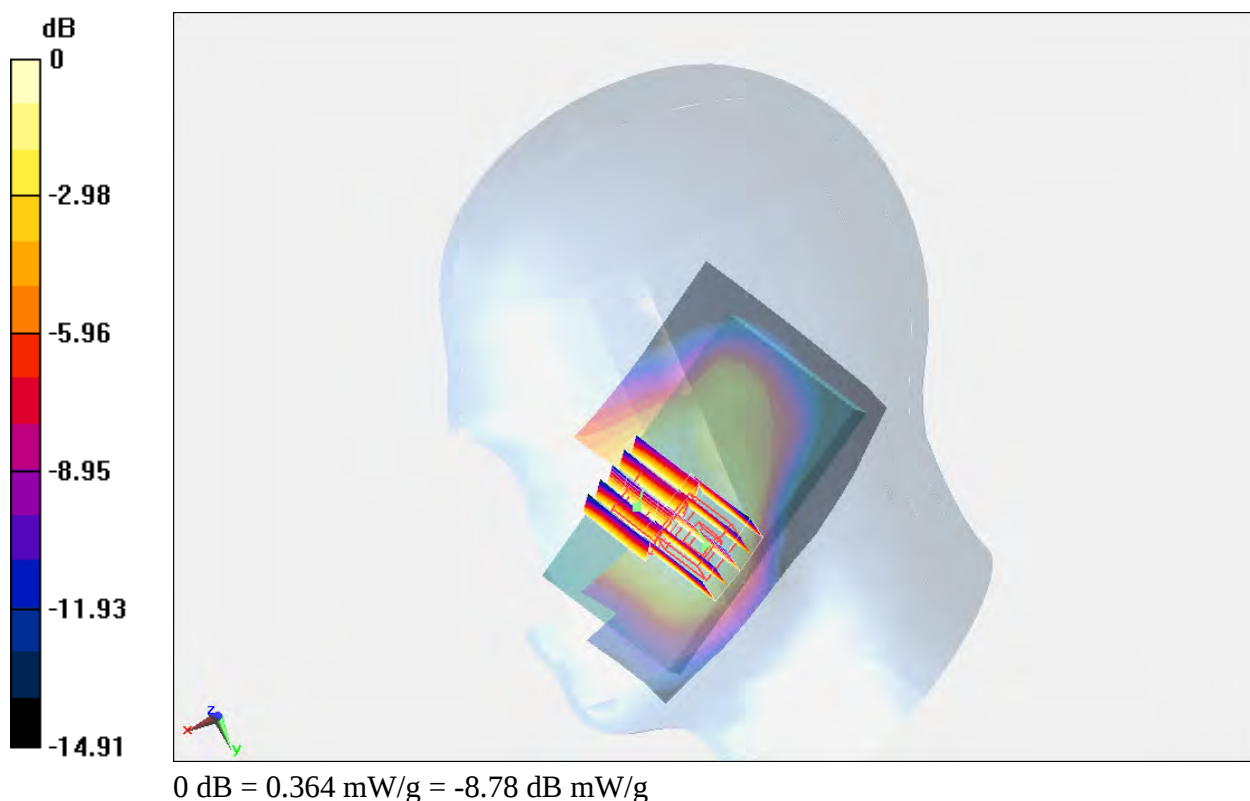
**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.926 V/m; Power Drift = -0.154 dB

Peak SAR (extrapolated) = 0.457 mW/g

**SAR(1 g) = 0.331 mW/g; SAR(10 g) = 0.223 mW/g**

Maximum value of SAR (measured) = 0.364 mW/g



## #144\_LTE Band 4\_20M\_QPSK 50RB 0offset\_Right Cheek\_Ch20300

## DUT: 203103

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

Medium: HSL1750\_121206 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.375$  mho/m;  $\epsilon_r = 40.077$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

## DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.27, 5.27, 5.27); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20300/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.346 mW/g

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

Reference Value = 16.186 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.424 mW/g

**SAR(1 g) = 0.324 mW/g; SAR(10 g) = 0.213 mW/g**

Maximum value of SAR (measured) = 0.349 mW/g

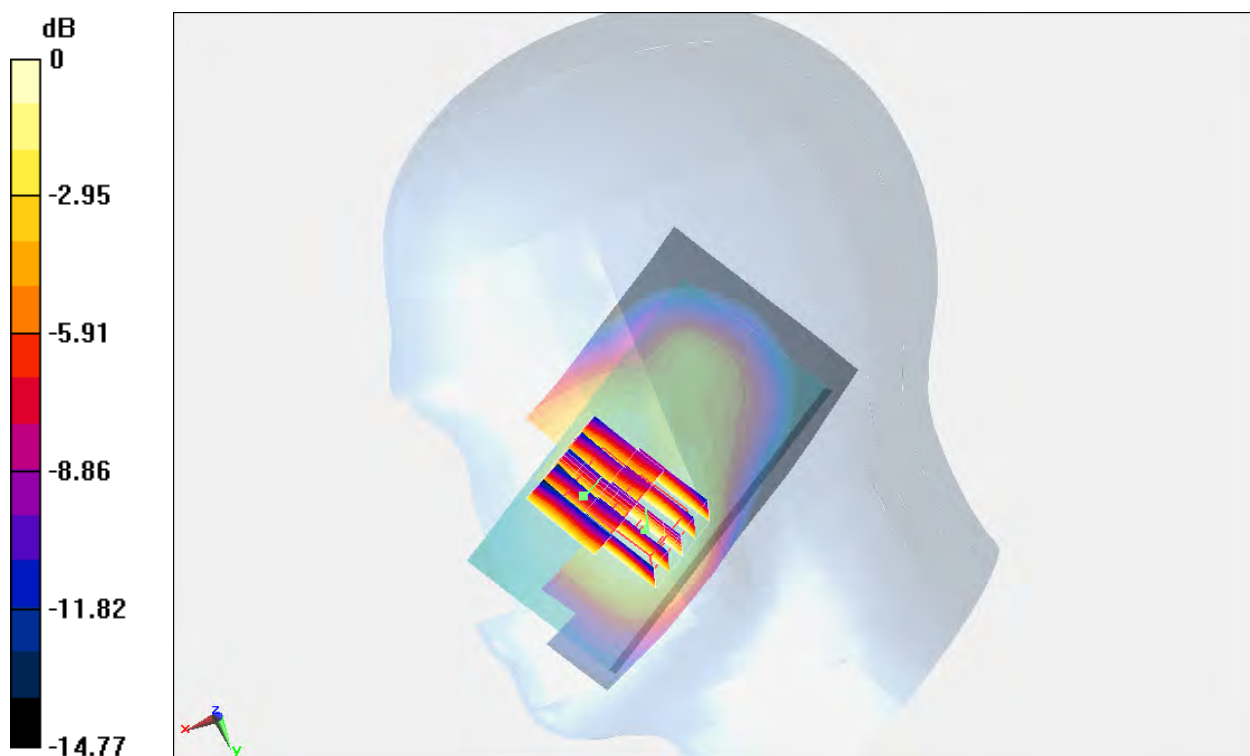
**Configuration/Ch20300/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.186 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.419 mW/g

**SAR(1 g) = 0.297 mW/g; SAR(10 g) = 0.195 mW/g**

Maximum value of SAR (measured) = 0.321 mW/g



0 dB = 0.321 mW/g = -9.87 dB mW/g

**#145\_LTE Band 4\_20M\_QPSK 1RB 0offset\_Right Tilted\_Ch20175****DUT: 2O3103**

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

Medium: HSL1750\_121206 Medium parameters used :  $f = 1732.5$  MHz;  $\sigma = 1.362$  mho/m;  $\epsilon_r = 40.098$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(5.27, 5.27, 5.27); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20175/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.187 mW/g

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

Reference Value = 12.692 V/m; Power Drift = -0.132 dB

Peak SAR (extrapolated) = 0.246 mW/g

**SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.102 mW/g**

Maximum value of SAR (measured) = 0.179 mW/g



0 dB = 0.179 mW/g = -14.94 dB mW/g

**#146\_LTE Band 4\_20M\_QPSK 50RB 0offset\_Right Tilted\_Ch20300****DUT: 2O3103**

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

Medium: HSL1750\_121206 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.375$  mho/m;  $\epsilon_r = 40.077$ ;  $\rho =$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(5.27, 5.27, 5.27); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20300/Area Scan (61x101x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.169 \text{ mW/g}$

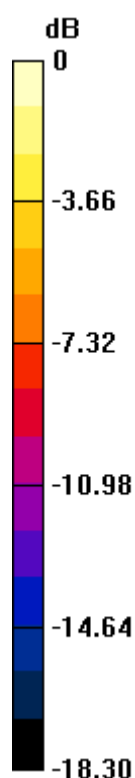
**Configuration/Ch20300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $12.050 \text{ V/m}$ ; Power Drift =  $-0.02 \text{ dB}$

Peak SAR (extrapolated) =  $0.230 \text{ mW/g}$

**SAR(1 g) =  $0.155 \text{ mW/g}$ ; SAR(10 g) =  $0.095 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.167 \text{ mW/g}$



0 dB =  $0.167 \text{ mW/g}$  =  $-15.55 \text{ dB mW/g}$

**#147\_LTE Band 4\_20M\_QPSK 1RB 0offset\_Left Cheek\_Ch20175****DUT: 2O3103**

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

Medium: HSL1750\_121206 Medium parameters used :  $f = 1732.5$  MHz;  $\sigma = 1.362$  mho/m;  $\epsilon_r = 40.098$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(5.27, 5.27, 5.27); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20175/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.749 mW/g

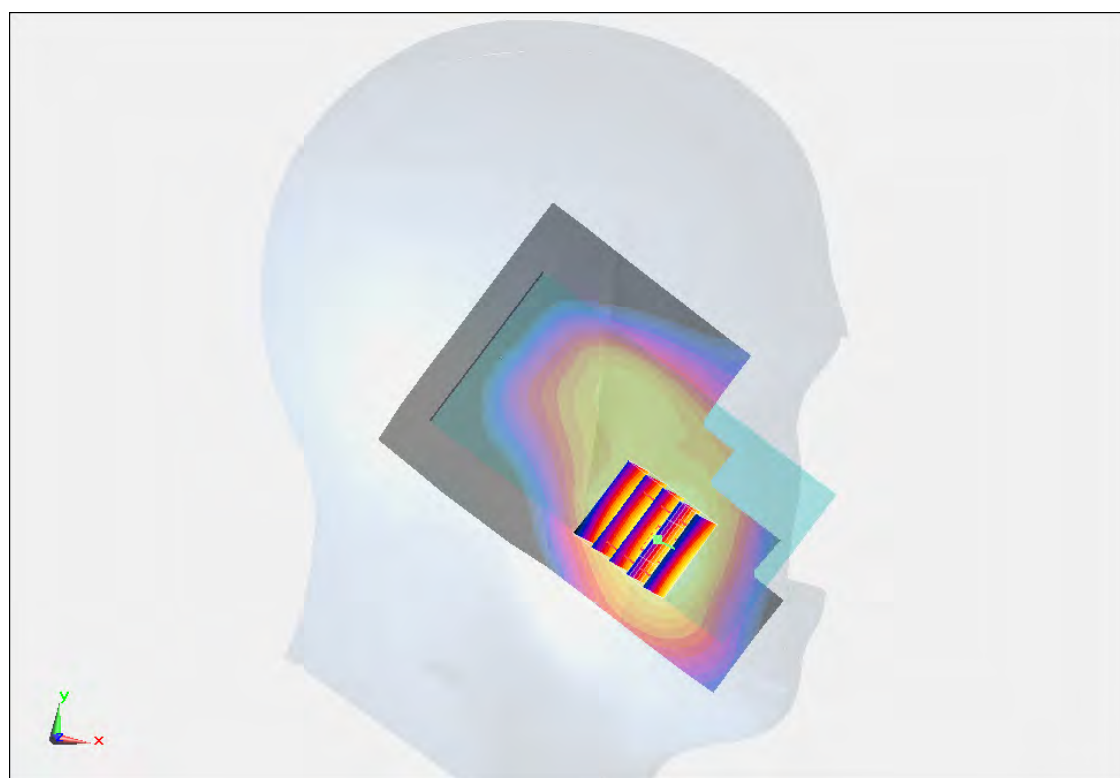
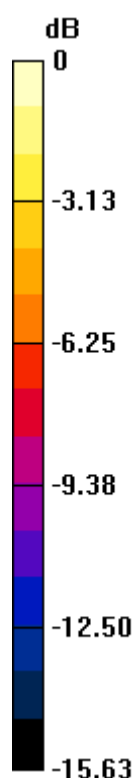
**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.117 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.003 mW/g

**SAR(1 g) = 0.638 mW/g; SAR(10 g) = 0.378 mW/g**

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



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

**#147\_LTE Band 4\_20M\_QPSK 1RB 0offset\_Left Cheek\_Ch20175\_2D****DUT: 2O3103**

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

Medium: HSL1750\_121206 Medium parameters used :  $f = 1732.5$  MHz;  $\sigma = 1.362$  mho/m;  $\epsilon_r = 40.098$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(5.27, 5.27, 5.27); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20175/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.749 mW/g

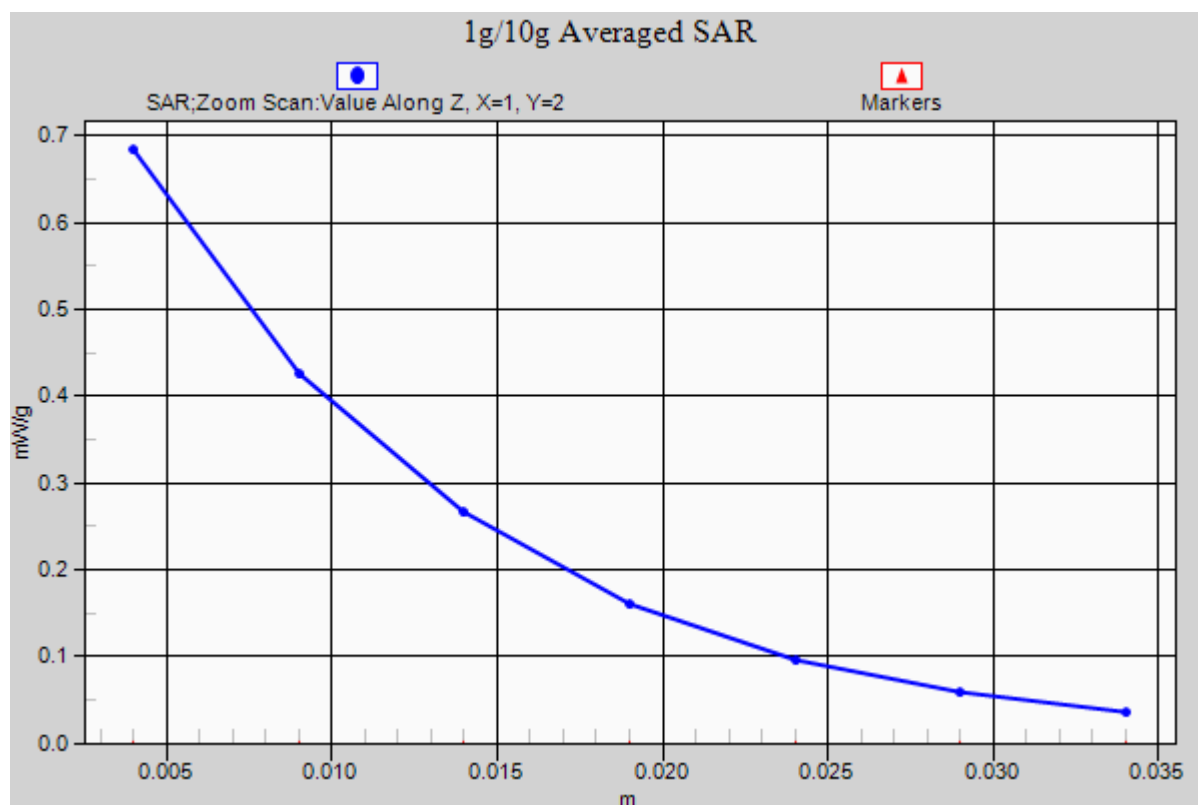
**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.117 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.003 mW/g

**SAR(1 g) = 0.638 mW/g; SAR(10 g) = 0.378 mW/g**

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



**#148\_LTE Band 4\_20M\_QPSK 50RB 0offset\_Left Cheek\_Ch20300****DUT: 2O3103**

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

Medium: HSL1750\_121206 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.375$  mho/m;  $\epsilon_r = 40.077$ ;  $\rho =$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(5.27, 5.27, 5.27); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20300/Area Scan (71x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) =  $0.646 \text{ mW/g}$

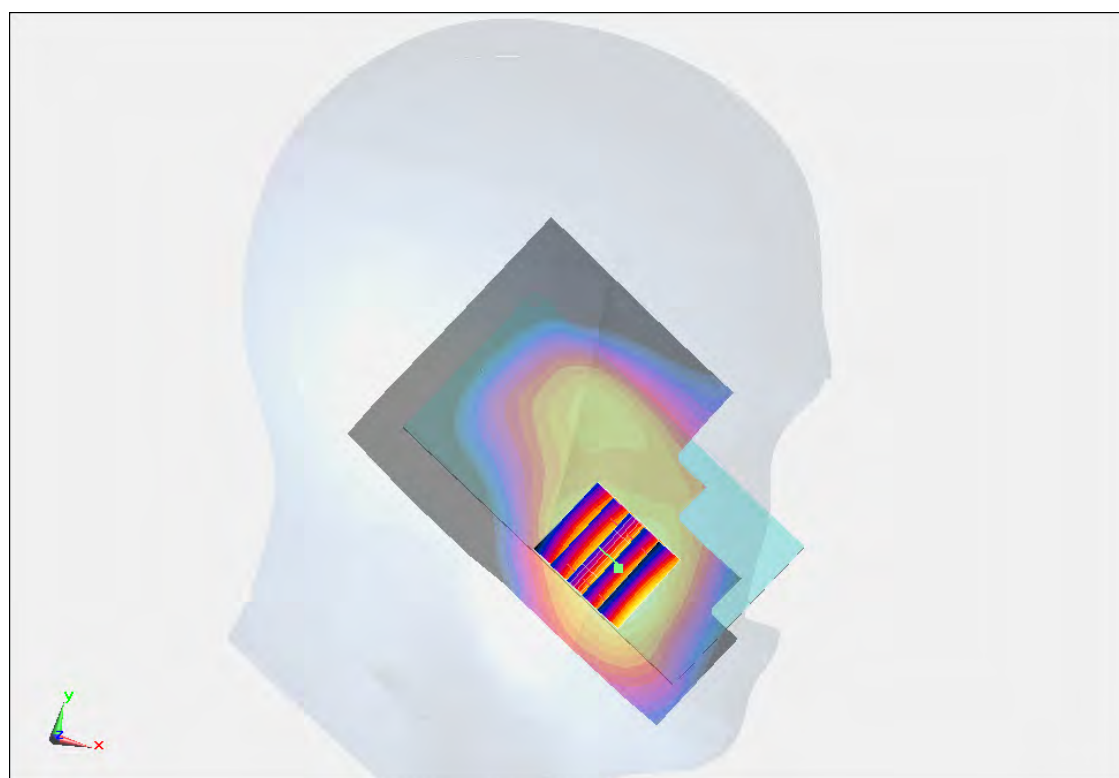
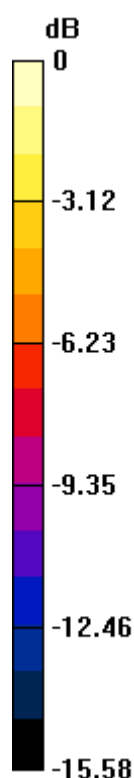
**Configuration/Ch20300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $22.877 \text{ V/m}$ ; Power Drift =  $0.00 \text{ dB}$

Peak SAR (extrapolated) =  $0.867 \text{ mW/g}$

**SAR(1 g) =  $0.563 \text{ mW/g}$ ; SAR(10 g) =  $0.335 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.610 \text{ mW/g}$



0 dB =  $0.610 \text{ mW/g}$  =  $-4.29 \text{ dB mW/g}$

## #149\_LTE Band 4\_20M\_QPSK 1RB 0offset\_Left Tilted\_Ch20175

## DUT: 2O3103

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

Medium: HSL1750\_121206 Medium parameters used :  $f = 1732.5$  MHz;  $\sigma = 1.362$  mho/m;  $\epsilon_r = 40.098$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

## DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.27, 5.27, 5.27); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20175/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.185 mW/g

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

Reference Value = 12.074 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.234 mW/g

**SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.120 mW/g**

Maximum value of SAR (measured) = 0.191 mW/g

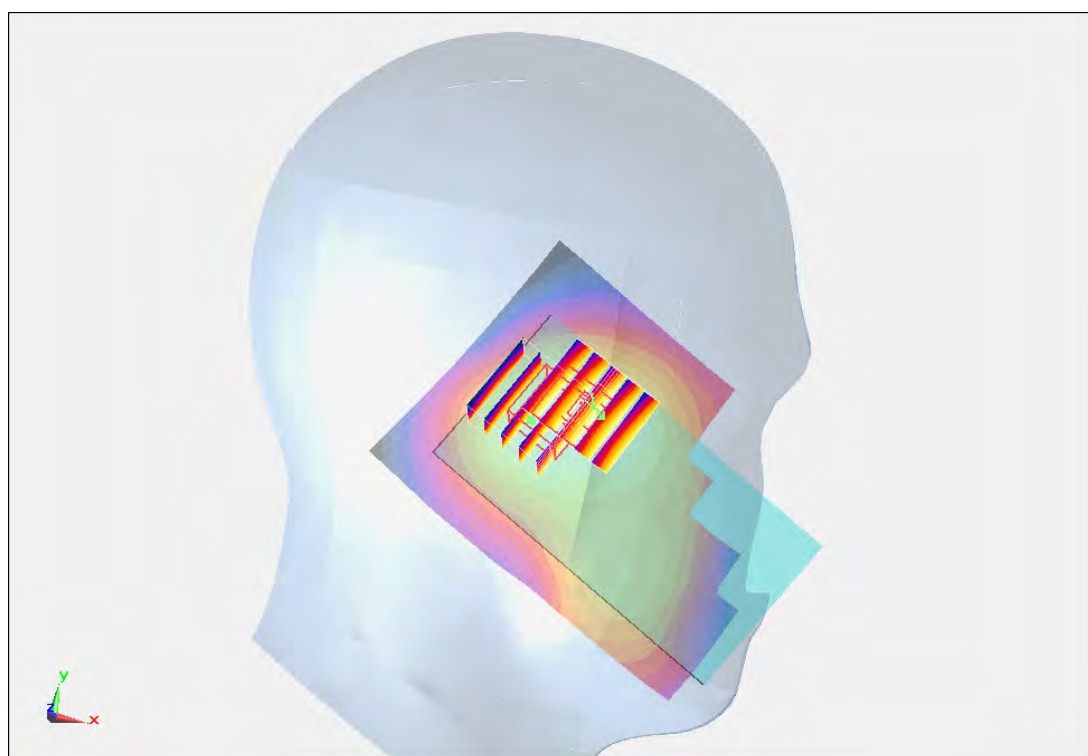
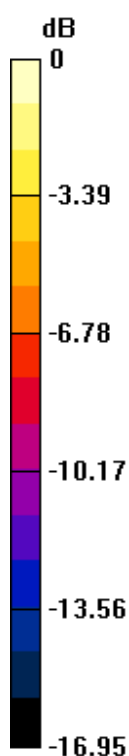
**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.074 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.231 mW/g

**SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.113 mW/g**

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



0 dB = 0.192 mW/g = -14.33 dB mW/g

**#150\_LTE Band 4\_20M\_QPSK 50RB 0offset\_Left Tilted\_Ch20300****DUT: 2O3103**

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

Medium: HSL1750\_121206 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.375$  mho/m;  $\epsilon_r = 40.077$ ;  $\rho =$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(5.27, 5.27, 5.27); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20300/Area Scan (71x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) =  $0.182 \text{ mW/g}$

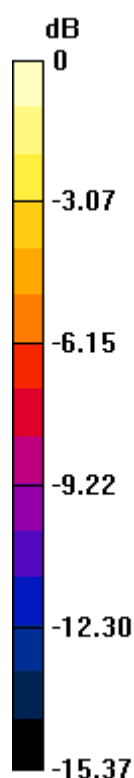
**Configuration/Ch20300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $12.010 \text{ V/m}$ ; Power Drift =  $0.04 \text{ dB}$

Peak SAR (extrapolated) =  $0.227 \text{ mW/g}$

**SAR(1 g) =  $0.170 \text{ mW/g}$ ; SAR(10 g) =  $0.113 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.180 \text{ mW/g}$



0 dB =  $0.180 \text{ mW/g}$  =  $-14.89 \text{ dB mW/g}$

**#132\_LTE Band 2\_20M\_QPSK 1RB 0offset\_Right Cheek\_Ch18900****DUT: 2O3103**

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

Medium: HSL\_1900\_121204 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.416$  mho/m;  $\epsilon_r = 39.238$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch18900/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.540 mW/g

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

Reference Value = 20.247 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.794 mW/g

**SAR(1 g) = 0.499 mW/g; SAR(10 g) = 0.299 mW/g**

Maximum value of SAR (measured) = 0.611 mW/g

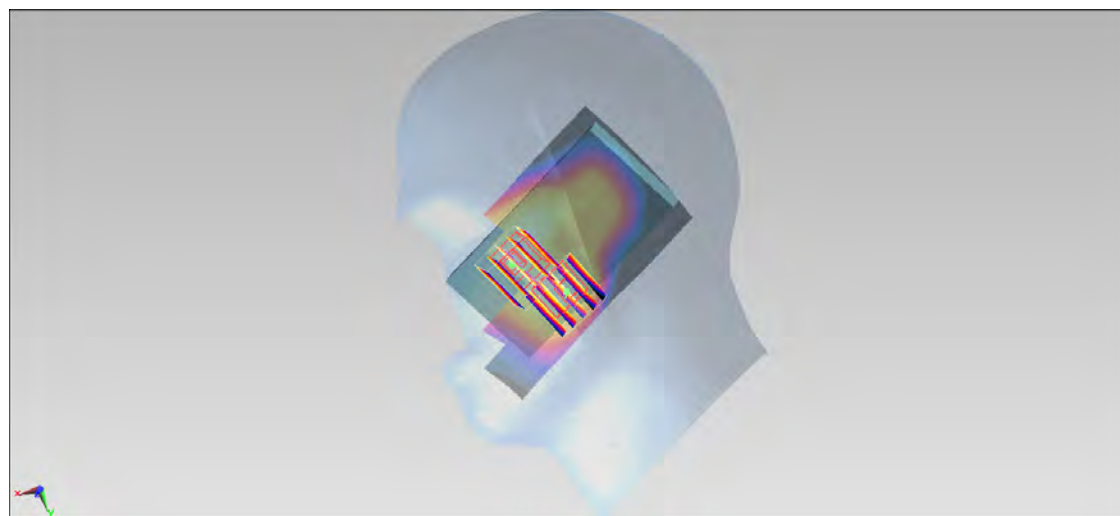
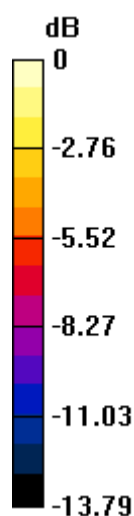
**Configuration/Ch18900/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.247 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.658 mW/g

**SAR(1 g) = 0.450 mW/g; SAR(10 g) = 0.291 mW/g**

Maximum value of SAR (measured) = 0.528 mW/g



0 dB = 0.528 mW/g = -5.55 dB mW/g

**#133\_LTE Band 2\_20M\_QPSK 50RB 0offset\_Right Cheek\_Ch18900****DUT: 2O3103**

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

Medium: HSL\_1900\_121204 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.416$  mho/m;  $\epsilon_r = 39.238$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch18900/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.413 mW/g

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

Reference Value = 17.226 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.597 mW/g

**SAR(1 g) = 0.356 mW/g; SAR(10 g) = 0.216 mW/g**

Maximum value of SAR (measured) = 0.424 mW/g

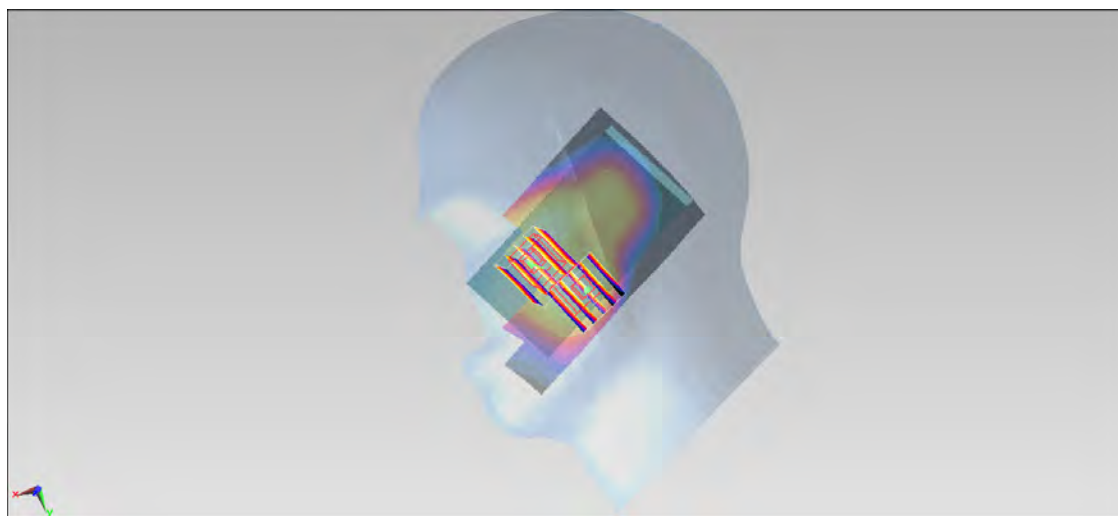
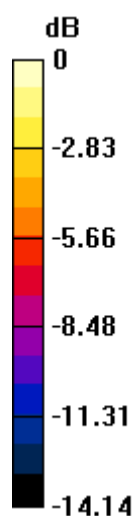
**Configuration/Ch18900/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.226 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.505 mW/g

**SAR(1 g) = 0.339 mW/g; SAR(10 g) = 0.220 mW/g**

Maximum value of SAR (measured) = 0.393 mW/g



0 dB = 0.393 mW/g = -8.11 dB mW/g

**#134\_LTE Band 2\_20M\_QPSK 1RB 0offset\_Right Tilted\_Ch18900****DUT: 2O3103**

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

Medium: HSL\_1900\_121204 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.416$  mho/m;  $\epsilon_r = 39.238$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch18900/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.384 mW/g

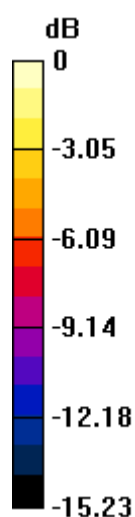
**Configuration/Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.315 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.459 mW/g

**SAR(1 g) = 0.310 mW/g; SAR(10 g) = 0.196 mW/g**

Maximum value of SAR (measured) = 0.362 mW/g



0 dB = 0.362 mW/g = -8.83 dB mW/g

**#135\_LTE Band 2\_20M\_QPSK 50RB 0offset\_Right Tilted\_Ch18900****DUT: 2O3103**

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

Medium: HSL\_1900\_121204 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.416$  mho/m;  $\epsilon_r = 39.238$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch18900/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.286 mW/g

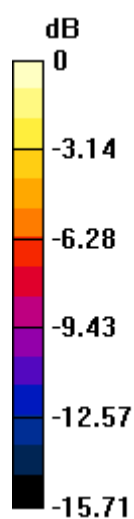
**Configuration/Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.227 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.347 mW/g

**SAR(1 g) = 0.229 mW/g; SAR(10 g) = 0.146 mW/g**

Maximum value of SAR (measured) = 0.269 mW/g



0 dB = 0.269 mW/g = -11.40 dB mW/g

**#136\_LTE Band 2\_20M\_QPSK 1RB 0offset\_Left Cheek\_Ch18900****DUT: 2O3103**

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

Medium: HSL\_1900\_121204 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.416$  mho/m;  $\epsilon_r = 39.238$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch18900/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.18 mW/g

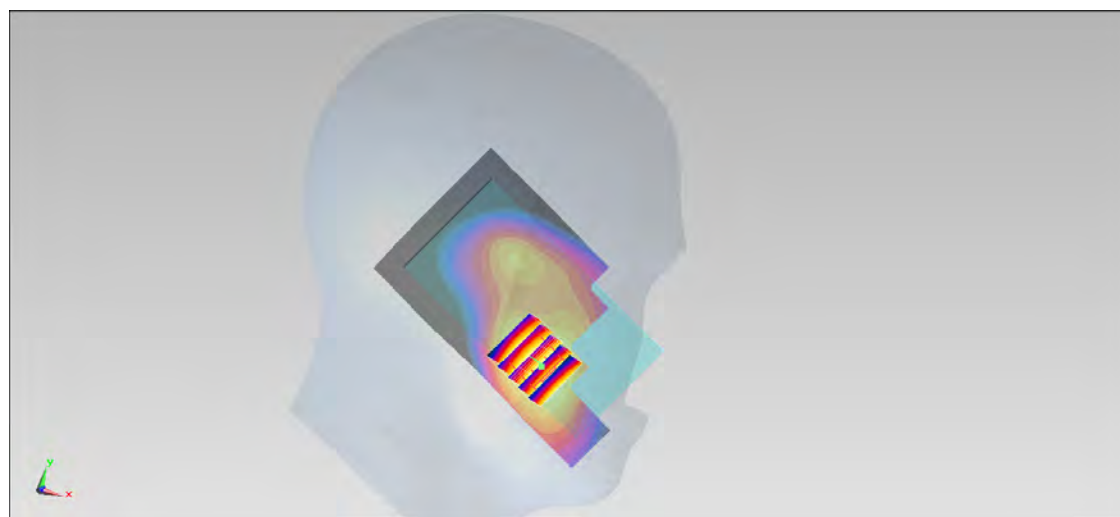
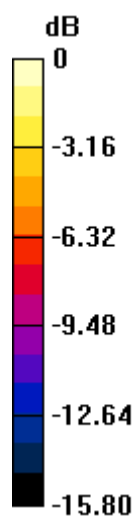
**Configuration/Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.736 V/m; Power Drift = 0.120 dB

Peak SAR (extrapolated) = 1.514 mW/g

**SAR(1 g) = 0.979 mW/g; SAR(10 g) = 0.603 mW/g**

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



0 dB = 1.14 mW/g = 1.14 dB mW/g

**#221\_LTE Band 2\_20M\_QPSK 1RB 0offset\_Left Cheek\_Ch18900\_Repeat****DUT: 2O3103**

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

Medium: HSL\_1900\_121204 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.416$  mho/m;  $\epsilon_r = 39.238$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch18900/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.14 mW/g

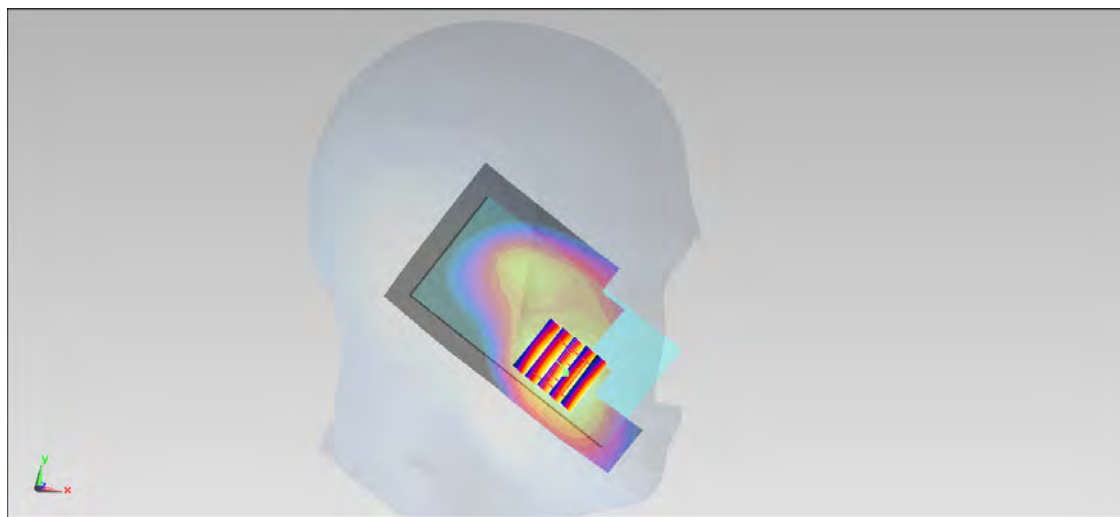
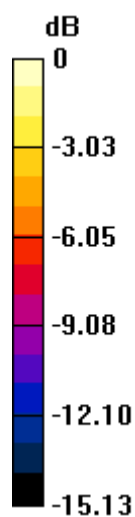
**Configuration/Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.464 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.408 mW/g

**SAR(1 g) = 0.898 mW/g; SAR(10 g) = 0.549 mW/g**

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



0 dB = 1.04 mW/g = 0.34 dB mW/g

**#137\_LTE Band 2\_20M\_QPSK 1RB 0offset\_Left Cheek\_Ch18700****DUT: 2O3103**

Communication System: LTE; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_121204 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.392$  mho/m;  $\epsilon_r = 39.279$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch18700/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.11 mW/g

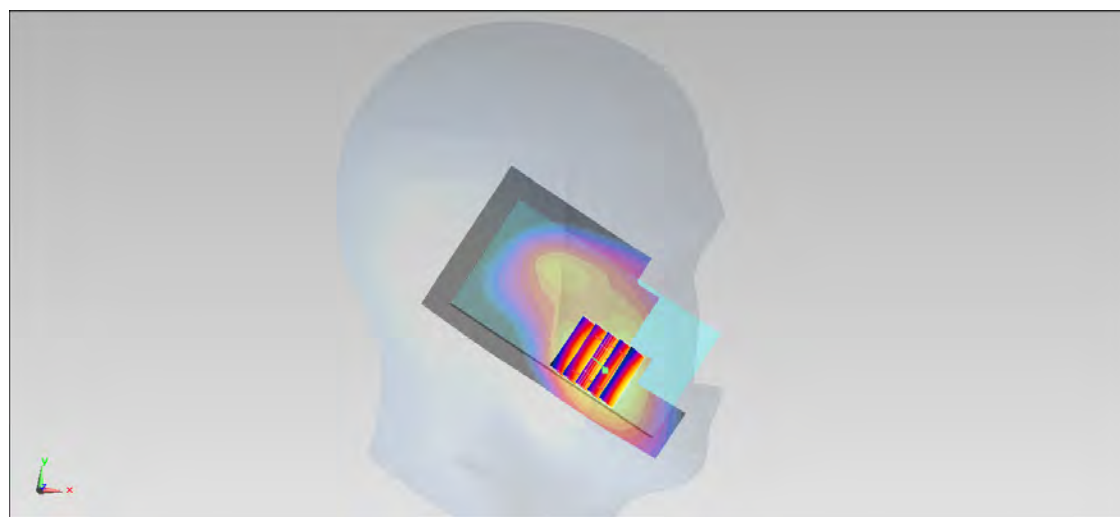
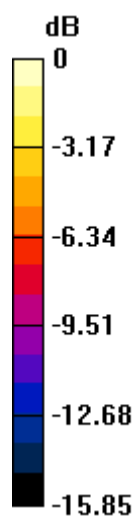
**Configuration/Ch18700/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.848 V/m; Power Drift = -0.120 dB

Peak SAR (extrapolated) = 1.423 mW/g

**SAR(1 g) = 0.928 mW/g; SAR(10 g) = 0.562 mW/g**

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



0 dB = 1.13 mW/g = 1.06 dB mW/g

**#138\_LTE Band 2\_20M\_QPSK 1RB 0offset\_Left Cheek\_Ch19100****DUT: 2O3103**

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

Medium: HSL\_1900\_121204 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.438$  mho/m;  $\epsilon_r = 39.21$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch19100/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.11 mW/g

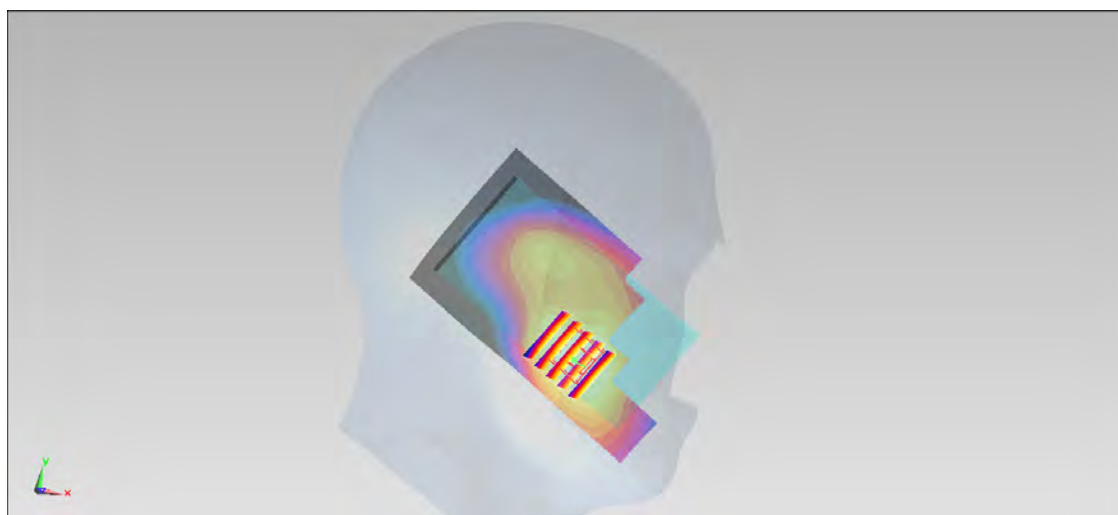
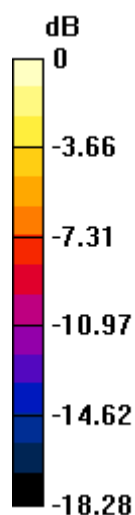
**Configuration/Ch19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.754 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.399 mW/g

**SAR(1 g) = 0.924 mW/g; SAR(10 g) = 0.568 mW/g**

Maximum value of SAR (measured) = 1.07 mW/g



0 dB = 1.07 mW/g = 0.59 dB mW/g

**#138\_LTE Band 2\_20M\_QPSK 1RB 0offset\_Left Cheek\_Ch19100\_2D****DUT: 2O3103**

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

Medium: HSL\_1900\_121204 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.438$  mho/m;  $\epsilon_r = 39.21$ ;  $\rho =$

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

Ambient Temperature :  $22.3^\circ\text{C}$ ; Liquid Temperature :  $21.3^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch19100/Area Scan (61x101x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) =  $1.11 \text{ mW/g}$

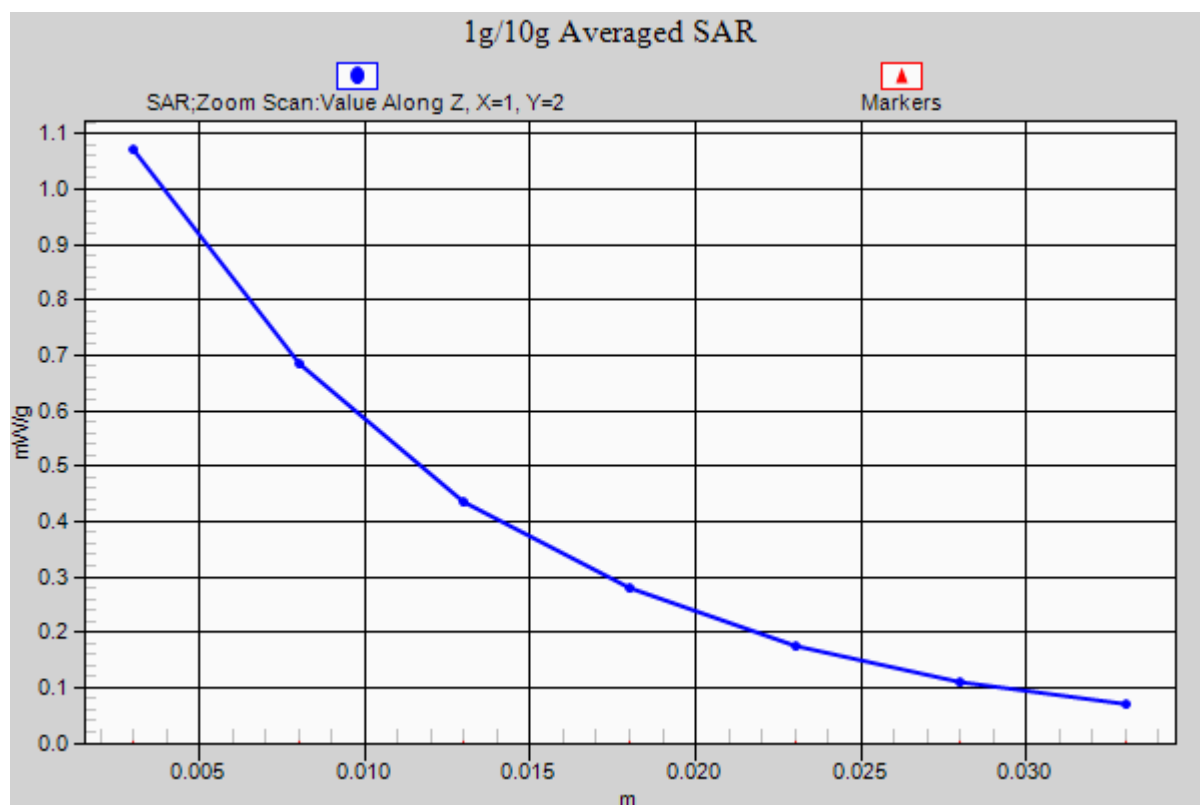
**Configuration/Ch19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $27.754 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$

Peak SAR (extrapolated) =  $1.399 \text{ mW/g}$

**SAR(1 g) =  $0.924 \text{ mW/g}$ ; SAR(10 g) =  $0.568 \text{ mW/g}$**

Maximum value of SAR (measured) =  $1.07 \text{ mW/g}$



**#139\_LTE Band 2\_20M\_QPSK 50RB 0offset\_Left Cheek\_Ch18900****DUT: 2O3103**

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

Medium: HSL\_1900\_121204 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.416$  mho/m;  $\epsilon_r = 39.238$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch18900/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.786 mW/g

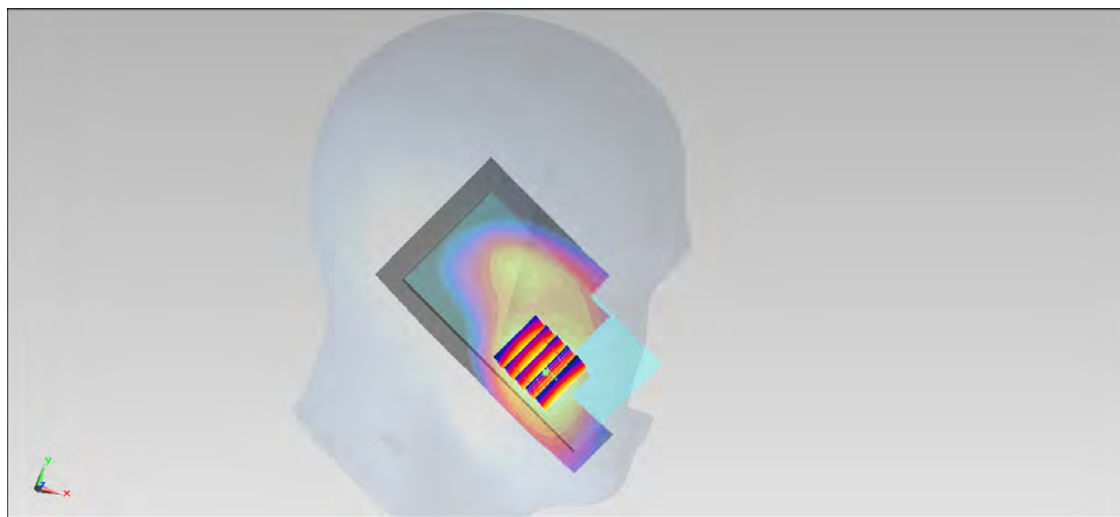
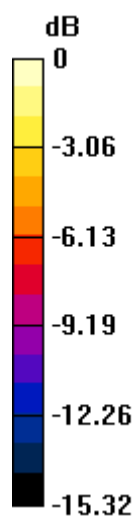
**Configuration/Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.183 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.023 mW/g

**SAR(1 g) = 0.660 mW/g; SAR(10 g) = 0.403 mW/g**

Maximum value of SAR (measured) = 0.753 mW/g



0 dB = 0.753 mW/g = -2.46 dB mW/g

**#140\_LTE Band 2\_20M\_QPSK 100RB 0offset\_Left Cheek\_Ch18900****DUT: 2O3103**

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

Medium: HSL\_1900\_121204 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.416$  mho/m;  $\epsilon_r = 39.238$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch18900/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.798 mW/g

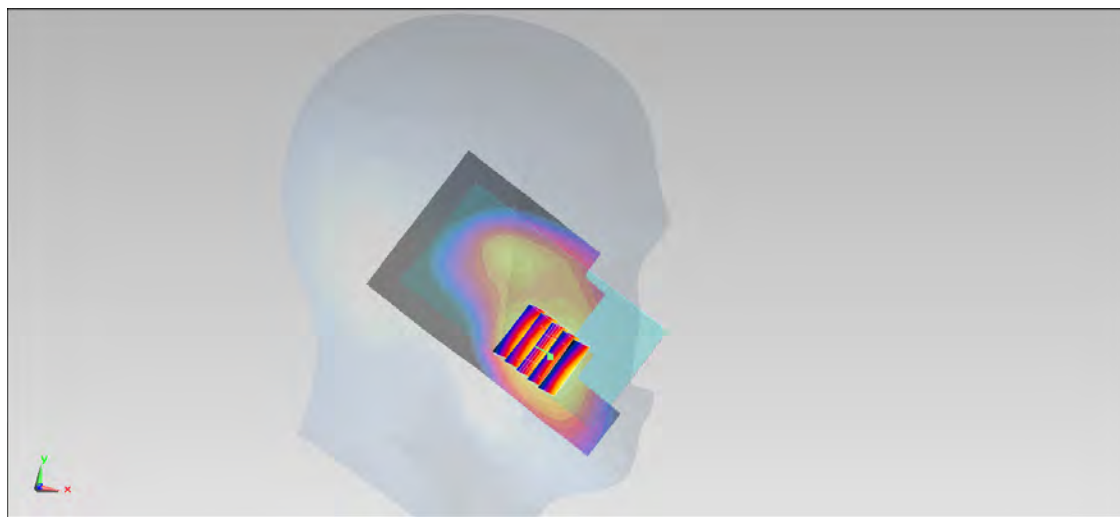
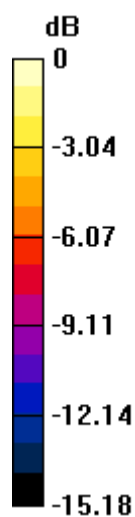
**Configuration/Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.316 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.007 mW/g

**SAR(1 g) = 0.654 mW/g; SAR(10 g) = 0.396 mW/g**

Maximum value of SAR (measured) = 0.782 mW/g



0 dB = 0.782 mW/g = -2.14 dB mW/g

**#141\_LTE Band 2\_20M\_QPSK 1RB 0offset\_Left Tilted\_Ch18900****DUT: 2O3103**

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

Medium: HSL\_1900\_121204 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.416$  mho/m;  $\epsilon_r = 39.238$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch18900/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.429 mW/g

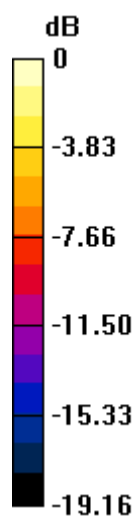
**Configuration/Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.762 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.481 mW/g

**SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.212 mW/g**

Maximum value of SAR (measured) = 0.382 mW/g



0 dB = 0.382 mW/g = -8.36 dB mW/g

**#142\_LTE Band 2\_20M\_QPSK 50RB 0offset\_Left Tilted\_Ch18900****DUT: 2O3103**

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

Medium: HSL\_1900\_121204 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.416$  mho/m;  $\epsilon_r = 39.238$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch18900/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.317 mW/g

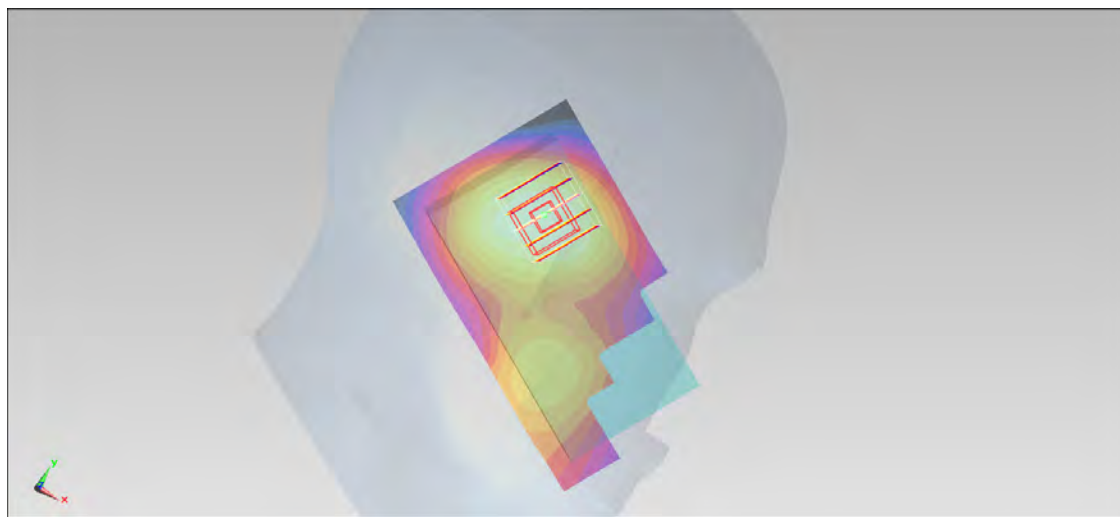
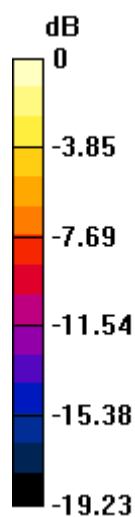
**Configuration/Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.739 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.365 mW/g

**SAR(1 g) = 0.248 mW/g; SAR(10 g) = 0.159 mW/g**

Maximum value of SAR (measured) = 0.289 mW/g



0 dB = 0.289 mW/g = -10.78 dB mW/g

**#108\_WLAN2.4G\_802.11b\_Right Cheek\_Ch6****DUT: 2O3103**

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: HSL\_2450\_121127 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.821$  mho/m;  $\epsilon_r = 39.368$ ;  $\rho$

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

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.58, 6.58, 6.58); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch6/Area Scan (81x131x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 0.461 mW/g

**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.691 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.579 mW/g

**SAR(1 g) = 0.321 mW/g; SAR(10 g) = 0.181 mW/g**

Maximum value of SAR (measured) = 0.439 mW/g

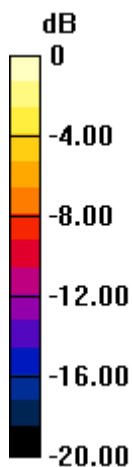
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.691 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.535 mW/g

**SAR(1 g) = 0.286 mW/g; SAR(10 g) = 0.162 mW/g**

Maximum value of SAR (measured) = 0.416 mW/g



0 dB = 0.416 mW/g = -7.62 dB mW/g

**#109\_WLAN2.4G\_802.11b\_Right Tilted\_Ch6****DUT: 2O3103**

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: HSL\_2450\_121127 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.821$  mho/m;  $\epsilon_r = 39.368$ ;  $\rho$

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

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.58, 6.58, 6.58); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch6/Area Scan (81x131x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.277 mW/g

**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.299 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.352 mW/g

**SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.105 mW/g**

Maximum value of SAR (measured) = 0.267 mW/g

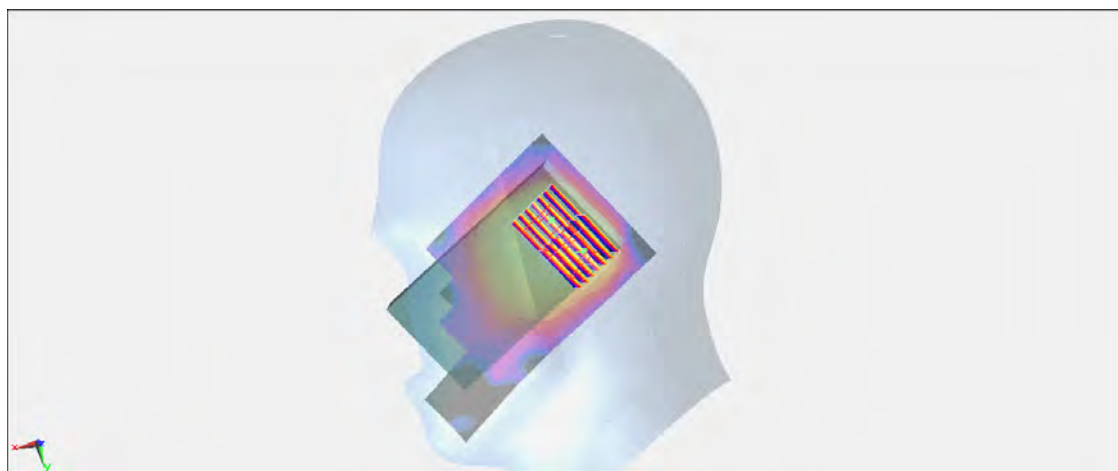
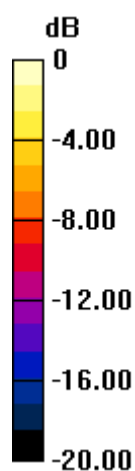
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.299 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.348 mW/g

**SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.106 mW/g**

Maximum value of SAR (measured) = 0.270 mW/g



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

**#110\_WLAN2.4G\_802.11b\_Left Cheek\_Ch6****DUT: 2O3103**

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: HSL\_2450\_121127 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.821$  mho/m;  $\epsilon_r = 39.368$ ;  $\rho$

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

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.58, 6.58, 6.58); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch6/Area Scan (81x131x1):** Measurement grid: dx=12mm, dy=12mm

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

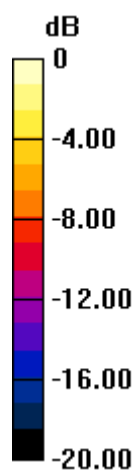
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.272 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.258 mW/g

**SAR(1 g) = 0.686 mW/g; SAR(10 g) = 0.343 mW/g**

Maximum value of SAR (measured) = 0.984 mW/g



0 dB = 0.984 mW/g = -0.14 dB mW/g

**#110\_WLAN2.4G\_802.11b\_Left Cheek\_Ch6\_2D****DUT: 2O3103**

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: HSL\_2450\_121127 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.821$  mho/m;  $\epsilon_r = 39.368$ ;  $\rho$

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

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.58, 6.58, 6.58); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch6/Area Scan (81x131x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 1.04 mW/g

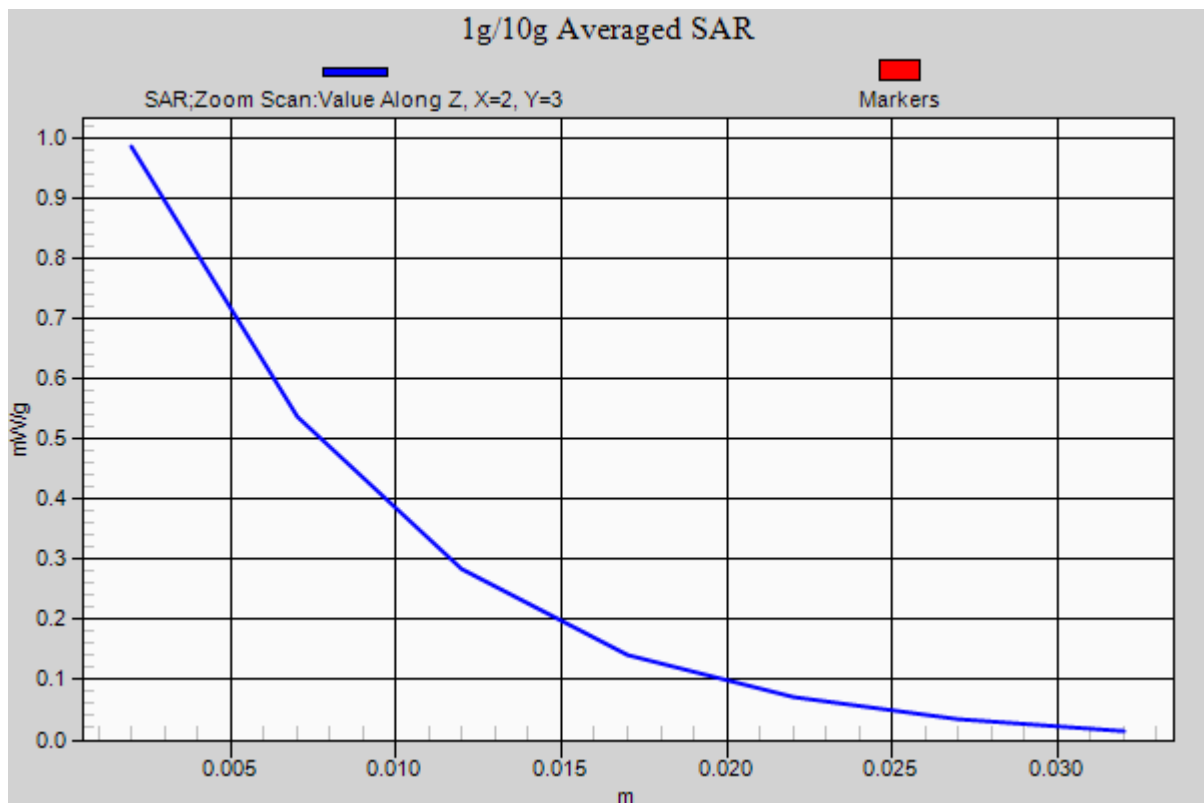
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.272 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.258 mW/g

**SAR(1 g) = 0.686 mW/g; SAR(10 g) = 0.343 mW/g**

Maximum value of SAR (measured) = 0.984 mW/g



**#111\_WLAN2.4G\_802.11b\_Left Tilted\_Ch6****DUT: 2O3103**

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: HSL\_2450\_121127 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.821$  mho/m;  $\epsilon_r = 39.368$ ;  $\rho$

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

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.58, 6.58, 6.58); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch6/Area Scan (81x131x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.546 mW/g

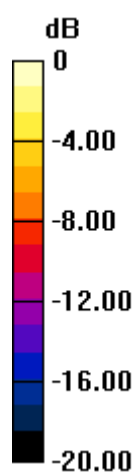
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.923 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.677 mW/g

**SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.164 mW/g**

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



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

**#01\_GSM850\_GPRS (2 Tx slots)\_Front\_1cm\_Ch128****DUT: 2O3103**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_121124 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.953$  mho/m;  $\epsilon_r = 53.726$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch128/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.04 W/kg

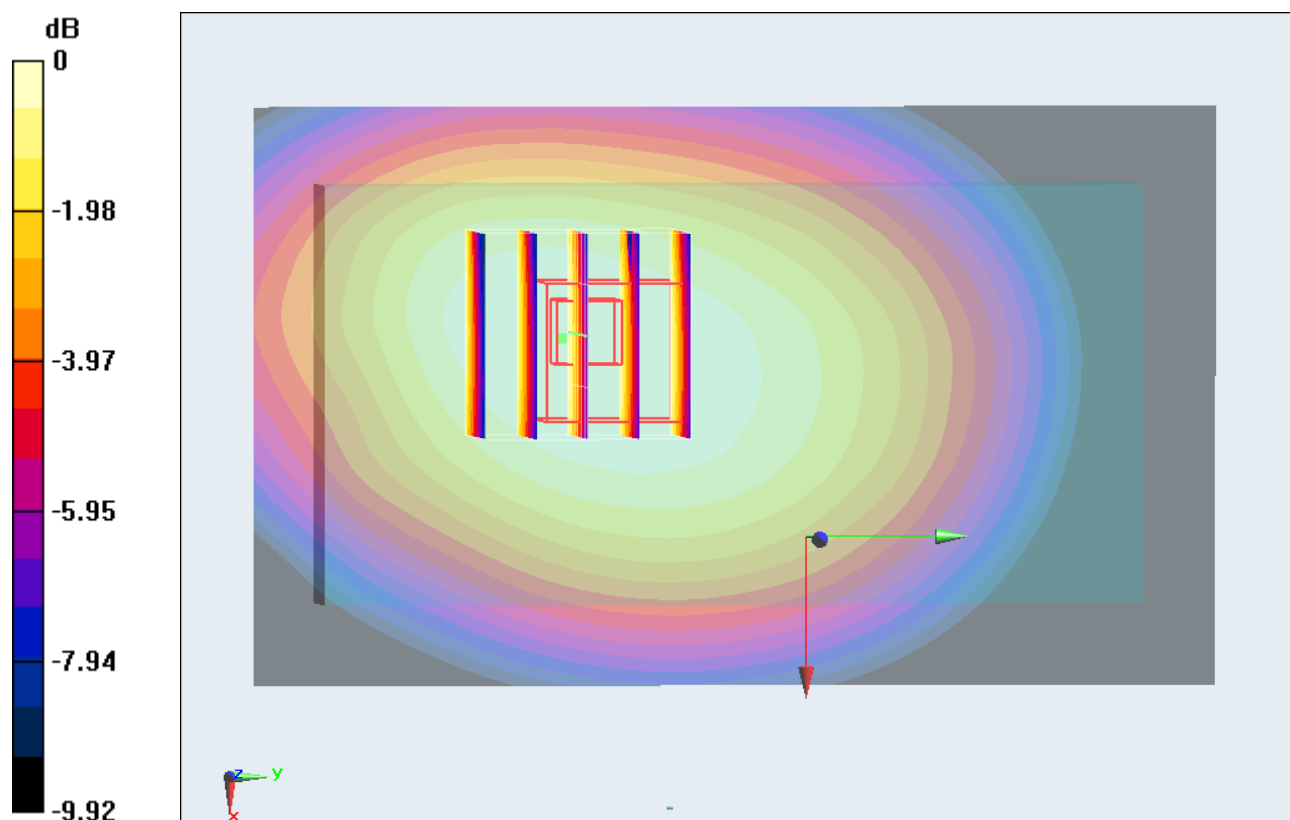
**Configuration/Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.597 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.17 W/kg

**SAR(1 g) = 0.942 W/kg; SAR(10 g) = 0.715 W/kg**

Maximum value of SAR (measured) = 0.989 W/kg



**#01\_GSM850\_GPRS (2 Tx slots)\_Front\_1cm\_Ch128\_2D****DUT: 2O3103**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_121124 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.953$  mho/m;  $\epsilon_r = 53.726$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch128/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.04 W/kg

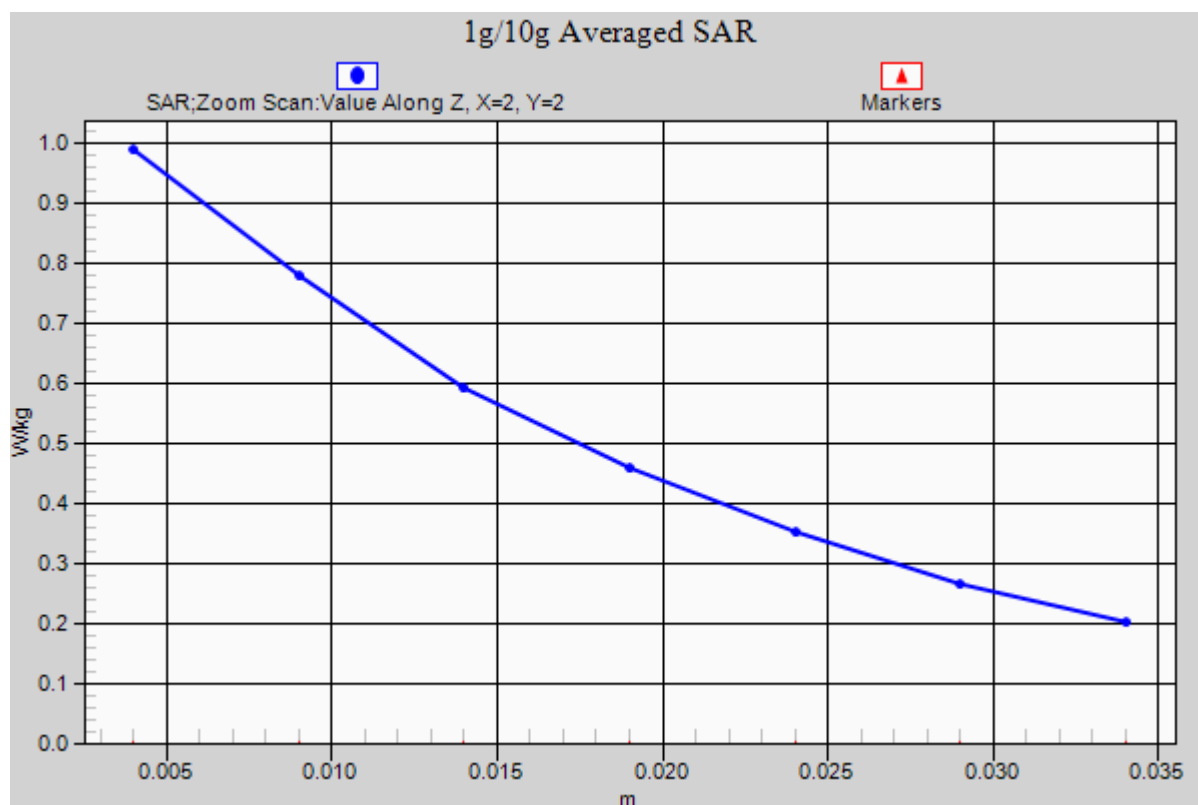
**Configuration/Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.597 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.17 W/kg

**SAR(1 g) = 0.942 W/kg; SAR(10 g) = 0.715 W/kg**

Maximum value of SAR (measured) = 0.989 W/kg



## #222\_GSM850\_GPRS (2 Tx slots)\_Front\_1cm\_Ch128\_Repeat

## DUT: 2O3103

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_121124 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.953$  mho/m;  $\epsilon_r = 53.726$ ;  $\rho$  $= 1000$  kg/m<sup>3</sup>

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

## DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch128/Area Scan (61x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 1.05 W/kg

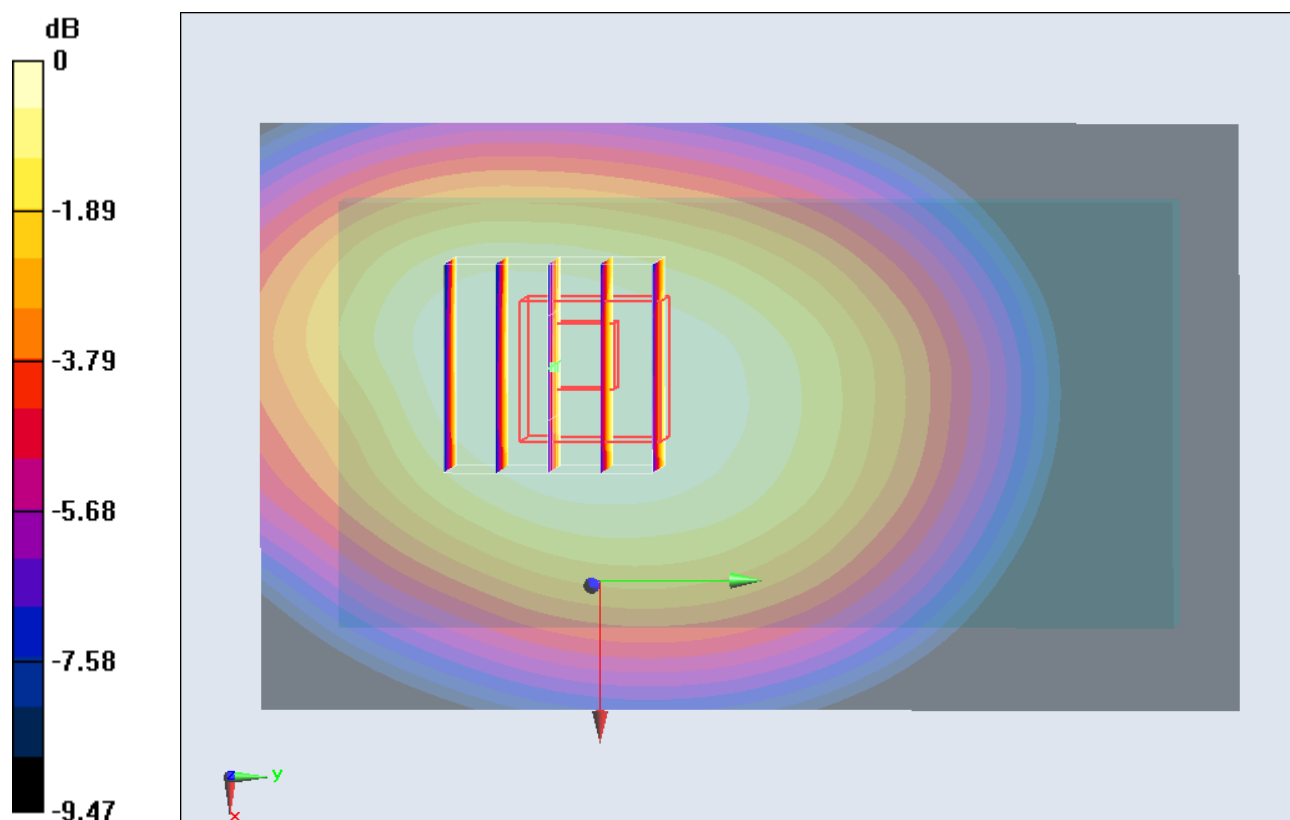
**Configuration/Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 33.533 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.934 W/kg; SAR(10 g) = 0.712 W/kg

Maximum value of SAR (measured) = 0.978 W/kg



**#02\_GSM850\_GPRS (2 Tx slots)\_Front\_1cm\_Ch189****DUT: 2O3103**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_121124 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 53.597$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch189/Area Scan (61x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.936 W/kg

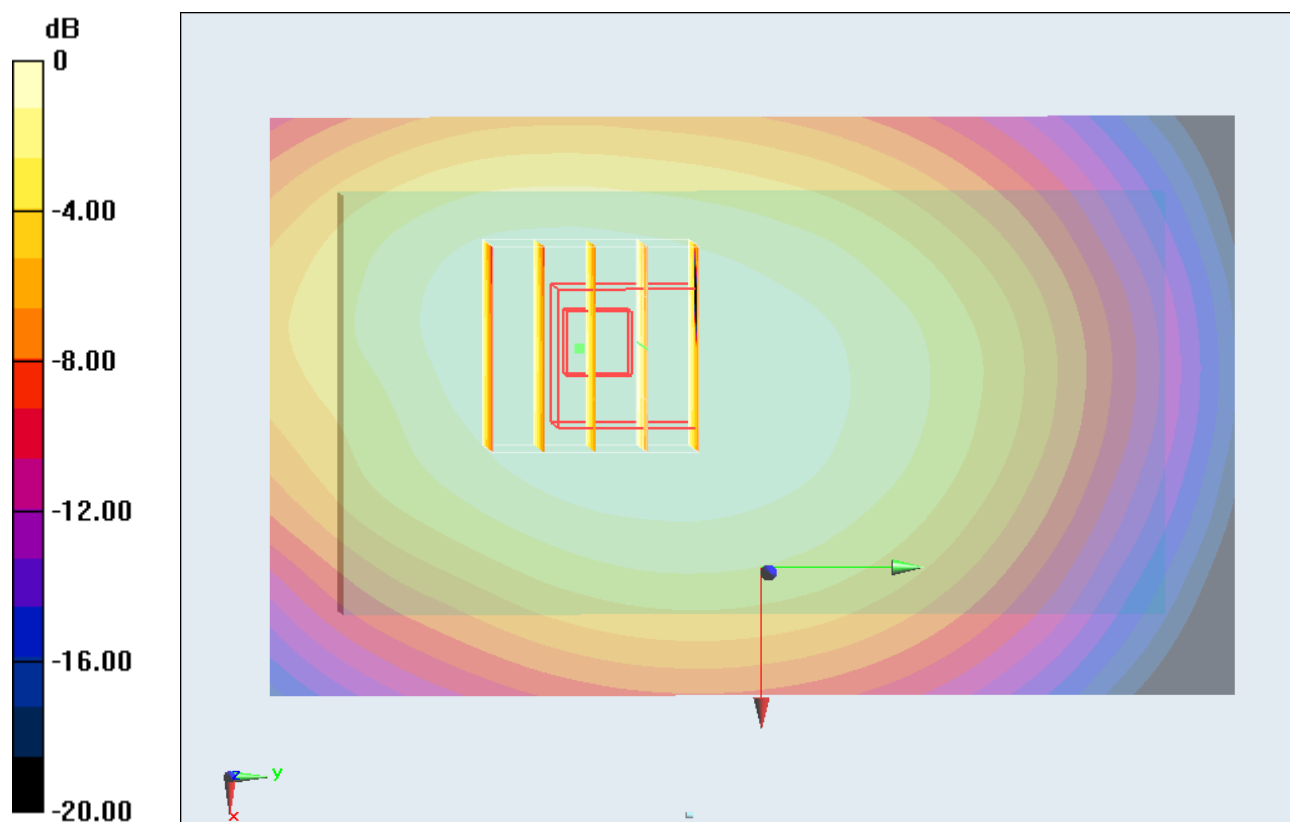
**Configuration/Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 31.651 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.08 W/kg

**SAR(1 g) = 0.851 W/kg; SAR(10 g) = 0.647 W/kg**

Maximum value of SAR (measured) = 0.889 W/kg



**#03\_GSM850\_GPRS (2 Tx slots)\_Front\_1cm\_Ch251****DUT: 2O3103**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_121124 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.978$  mho/m;  $\epsilon_r = 53.487$ ;  $\rho =$

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

Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch251/Area Scan (61x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) =  $0.808 \text{ W/kg}$

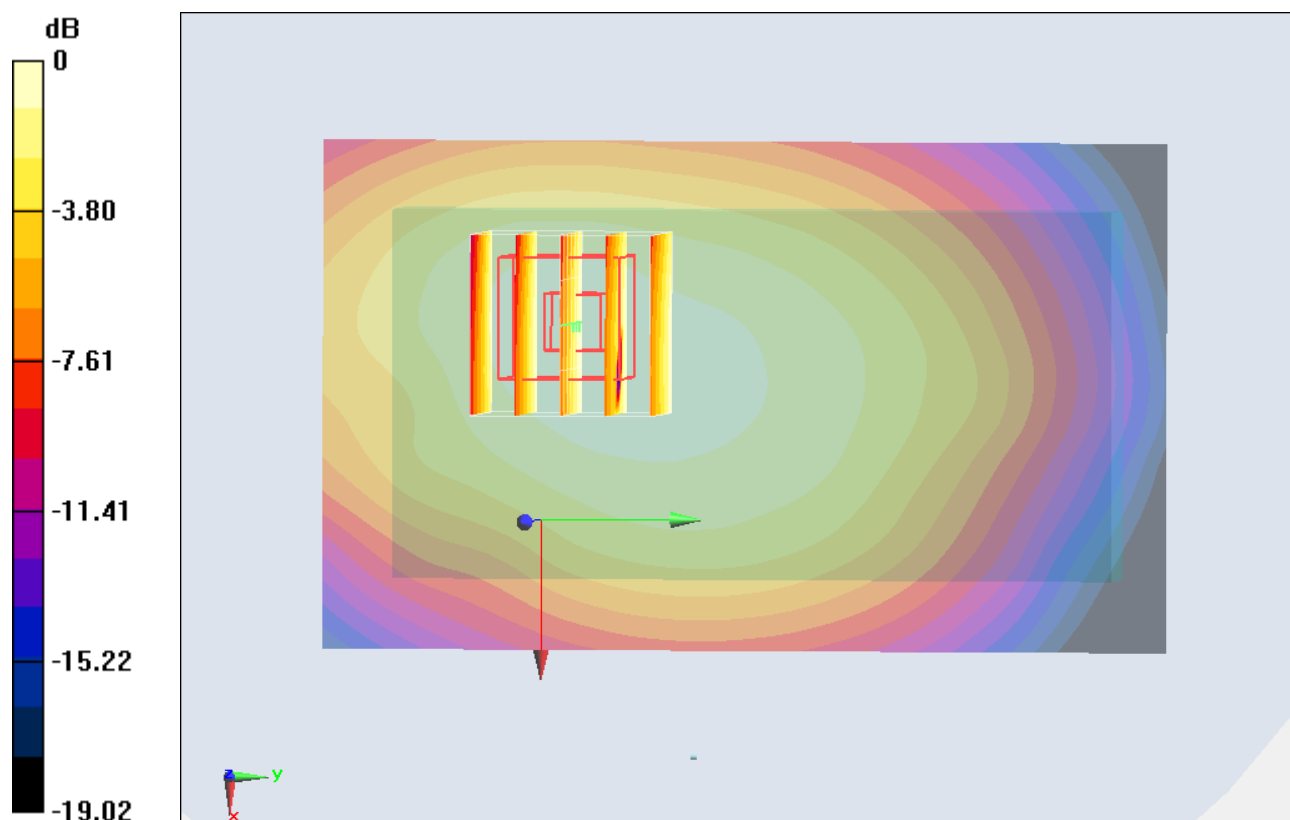
**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $29.533 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.938 \text{ W/kg}$

**SAR(1 g) =  $0.737 \text{ W/kg}$ ; SAR(10 g) =  $0.516 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.778 \text{ W/kg}$



**#04\_GSM850\_GPRS (2 Tx slots)\_Back\_1cm\_Ch128****DUT: 2O3103**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_121124 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.953$  mho/m;  $\epsilon_r = 53.726$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch128/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.938 W/kg

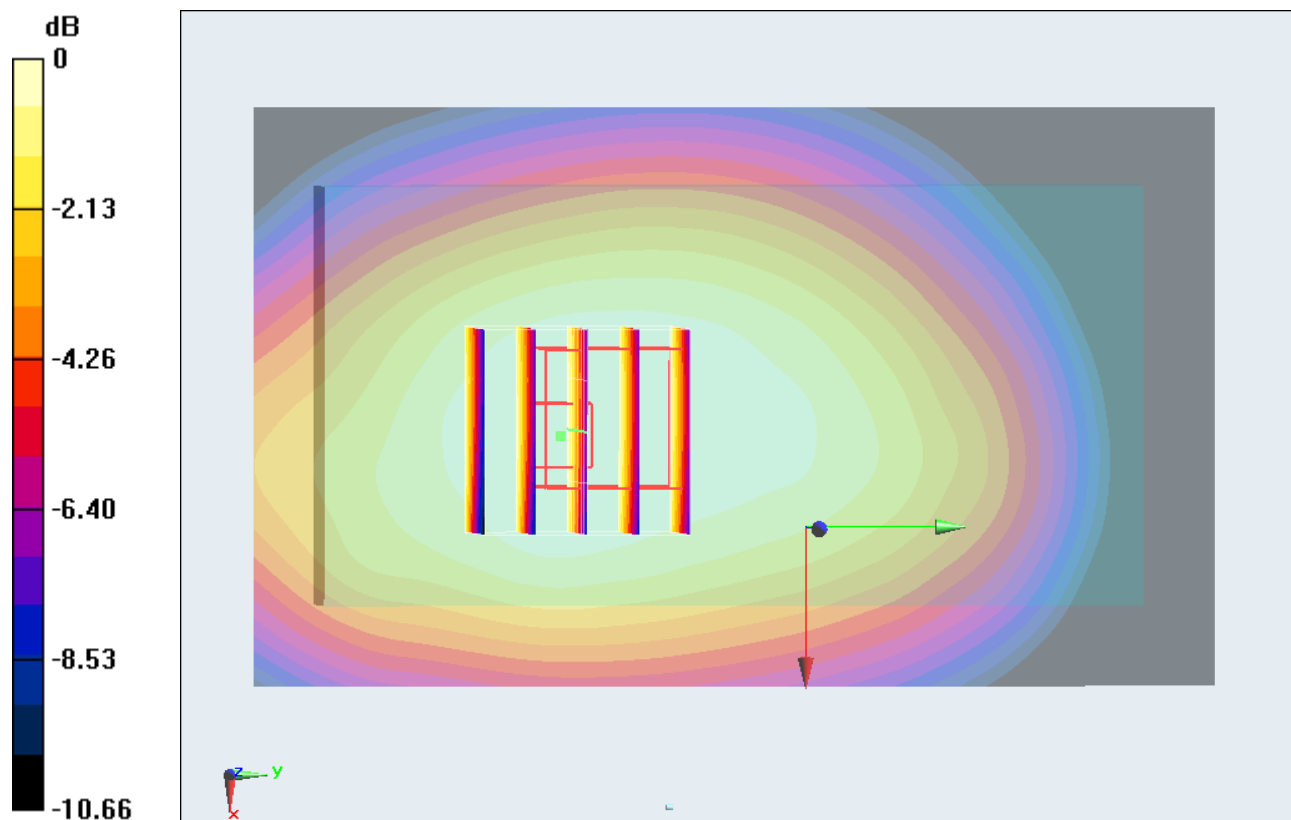
**Configuration/Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.567 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.08 W/kg

**SAR(1 g) = 0.842 W/kg; SAR(10 g) = 0.638 W/kg**

Maximum value of SAR (measured) = 0.884 W/kg



0 dB = 0.884 W/kg = -0.54 dBW/kg

**#05\_GSM850\_GPRS (2 Tx slots)\_Back\_1cm\_Ch189****DUT: 2O3103**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_121124 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 53.597$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch189/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.802 W/kg

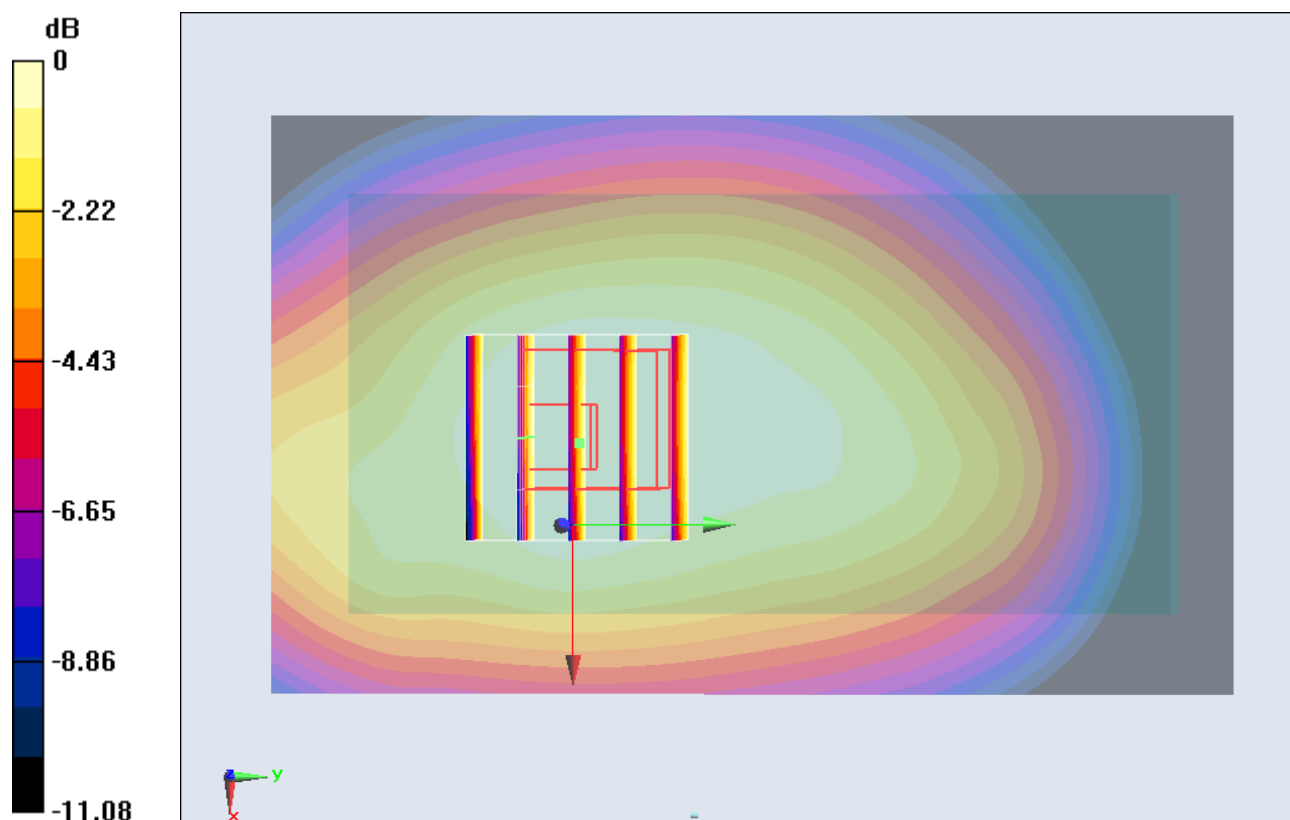
**Configuration/Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.950 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.928 W/kg

**SAR(1 g) = 0.714 W/kg; SAR(10 g) = 0.532 W/kg**

Maximum value of SAR (measured) = 0.748 W/kg



**#06\_GSM850\_GPRS (2 Tx slots)\_Back\_1cm\_Ch251****DUT: 2O3103**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_121124 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.978$  mho/m;  $\epsilon_r = 53.487$ ;  $\rho =$

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

Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch251/Area Scan (61x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) =  $0.654 \text{ W/kg}$

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

Reference Value =  $26.334 \text{ V/m}$ ; Power Drift =  $0.00 \text{ dB}$

Peak SAR (extrapolated) =  $0.815 \text{ W/kg}$

**SAR(1 g) =  $0.606 \text{ W/kg}$ ; SAR(10 g) =  $0.434 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.641 \text{ W/kg}$

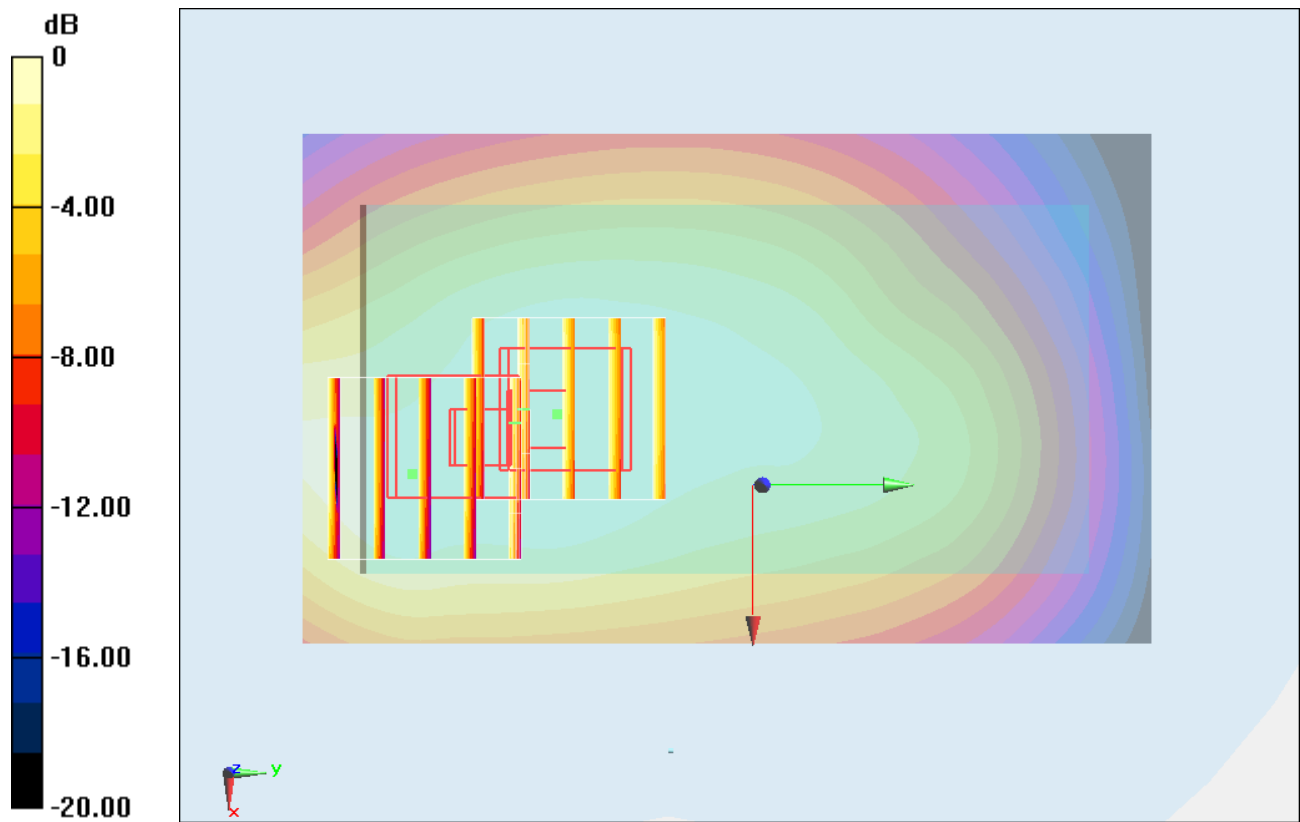
**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value =  $26.334 \text{ V/m}$ ; Power Drift =  $0.00 \text{ dB}$

Peak SAR (extrapolated) =  $0.933 \text{ W/kg}$

**SAR(1 g) =  $0.535 \text{ W/kg}$ ; SAR(10 g) =  $0.332 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.627 \text{ W/kg}$



0 dB = 0.627 W/kg = -2.03 dBW/kg

**#08\_GSM850\_GPRS (2 Tx slots)\_Left Side\_1cm\_Ch128****DUT: 2O3103**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_121124 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.953$  mho/m;  $\epsilon_r = 53.726$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch128/Area Scan (41x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.711 W/kg

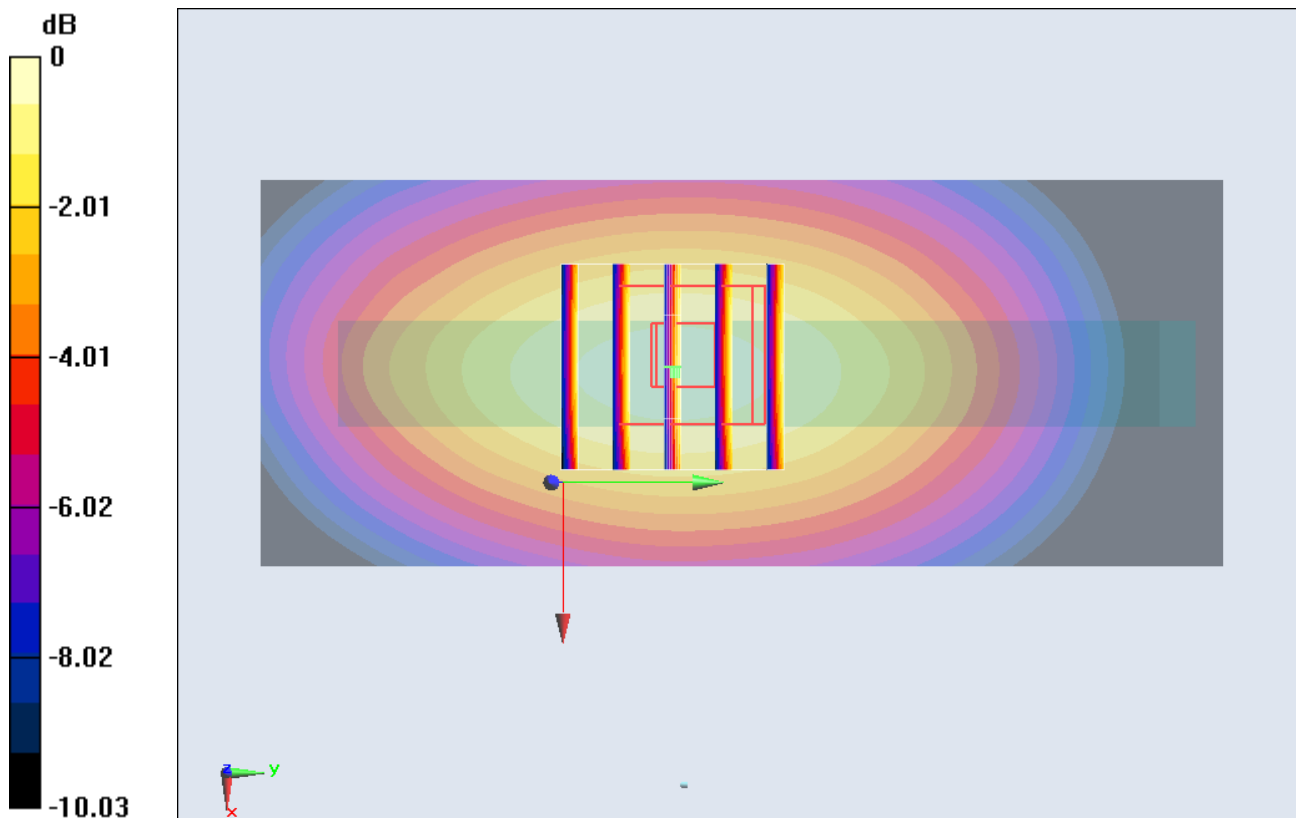
**Configuration/Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 28.136 V/m; Power Drift = 0.125 dB

Peak SAR (extrapolated) = 0.952 W/kg

**SAR(1 g) = 0.715 W/kg; SAR(10 g) = 0.501 W/kg**

Maximum value of SAR (measured) = 0.762 W/kg



0 dB = 0.762 W/kg = -1.18 dBW/kg

**#09\_GSM850\_GPRS (2 Tx slots)\_Right Side\_1cm\_Ch128****DUT: 2O3103**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_121124 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.953$  mho/m;  $\epsilon_r = 53.726$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch128/Area Scan (41x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.880 W/kg

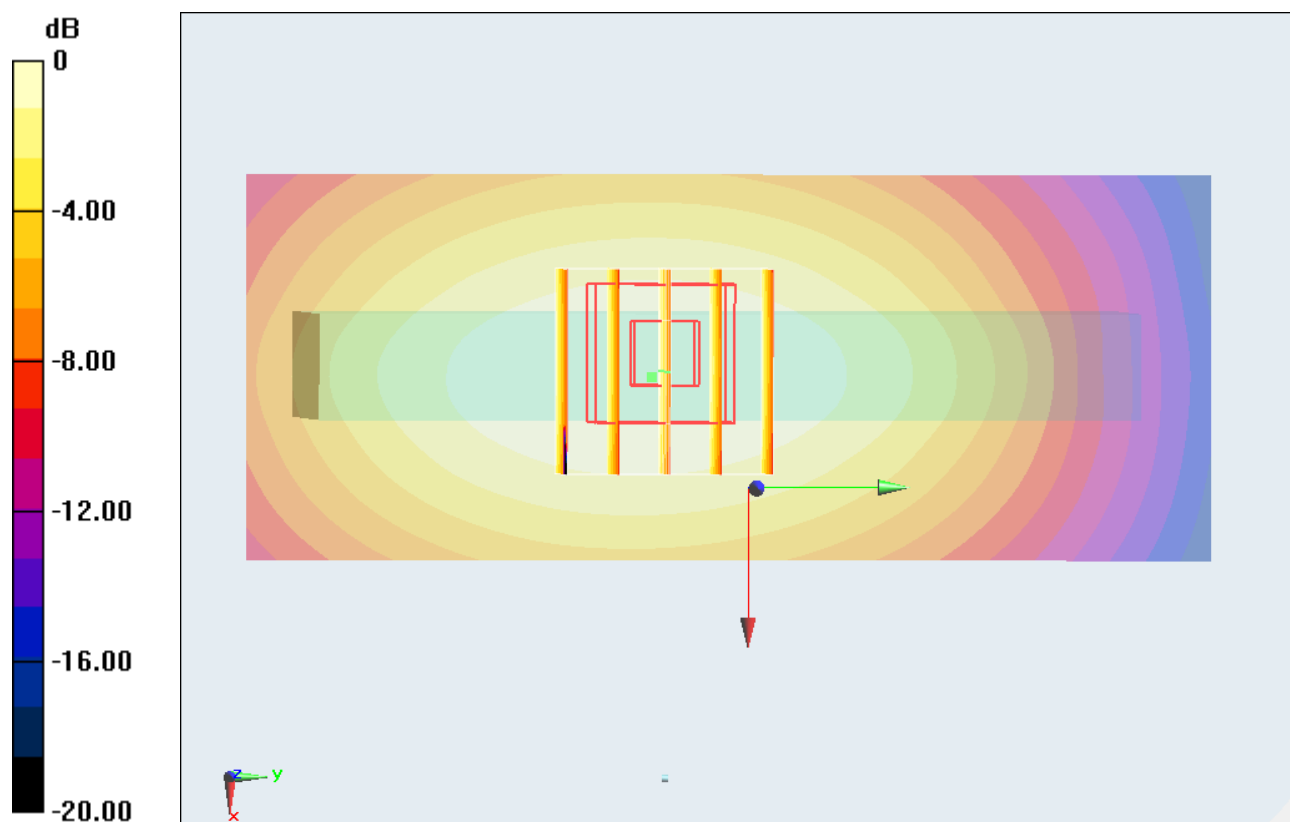
**Configuration/Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 30.845 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.06 W/kg

**SAR(1 g) = 0.790 W/kg; SAR(10 g) = 0.559 W/kg**

Maximum value of SAR (measured) = 0.829 W/kg



0 dB = 0.829 W/kg = -0.81 dBW/kg

**#33\_GSM850\_GPRS (2 Tx slots)\_Right Side\_1cm\_Ch189****DUT: 2O3103**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_121124 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 53.597$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch189/Area Scan (41x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.843 W/kg

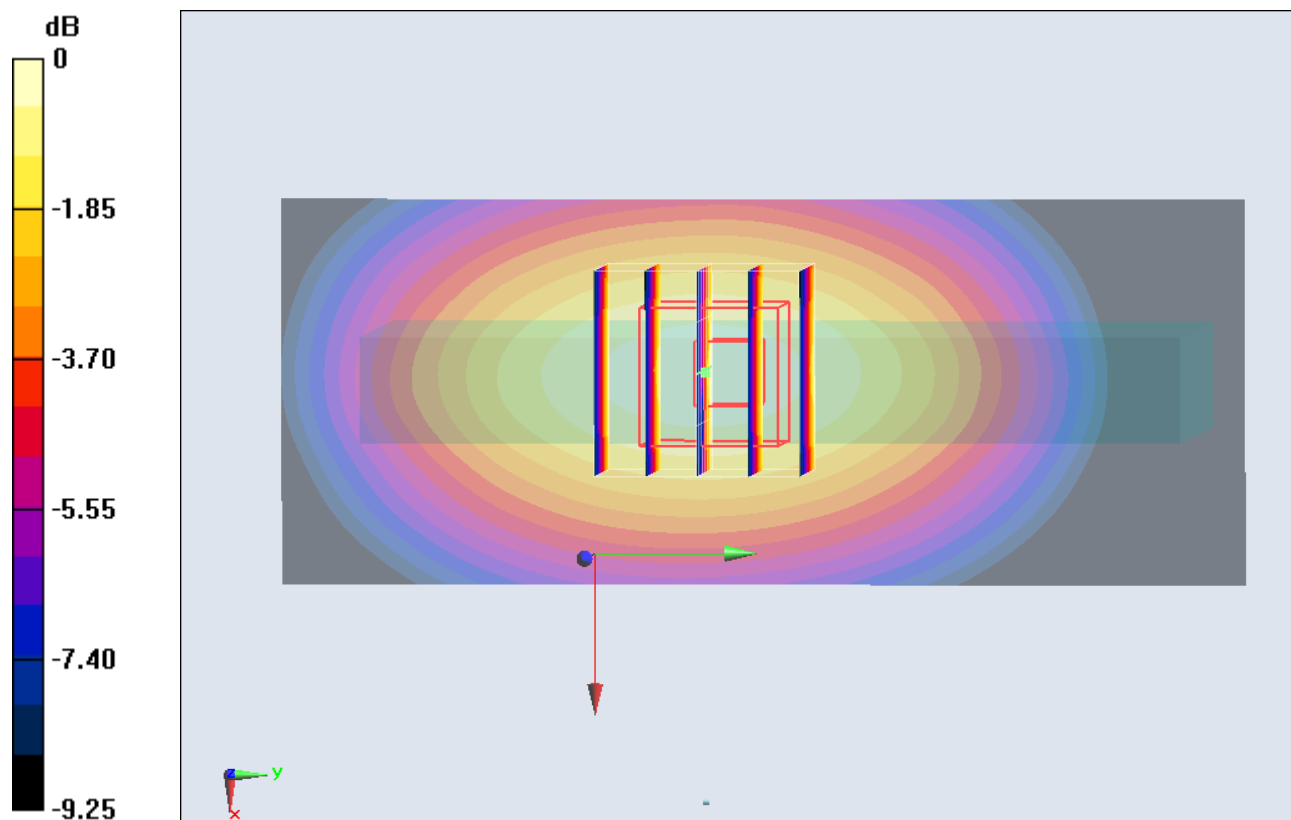
**Configuration/Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 7.831 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.12 W/kg

**SAR(1 g) = 0.831 W/kg; SAR(10 g) = 0.585 W/kg**

Maximum value of SAR (measured) = 0.880 W/kg



**#34\_GSM850\_GPRS (2 Tx slots)\_Right Side\_1cm\_Ch251****DUT: 2O3103**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_121124 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.978$  mho/m;  $\epsilon_r = 53.487$ ;  $\rho =$

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

Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch251/Area Scan (41x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) =  $0.690 \text{ W/kg}$

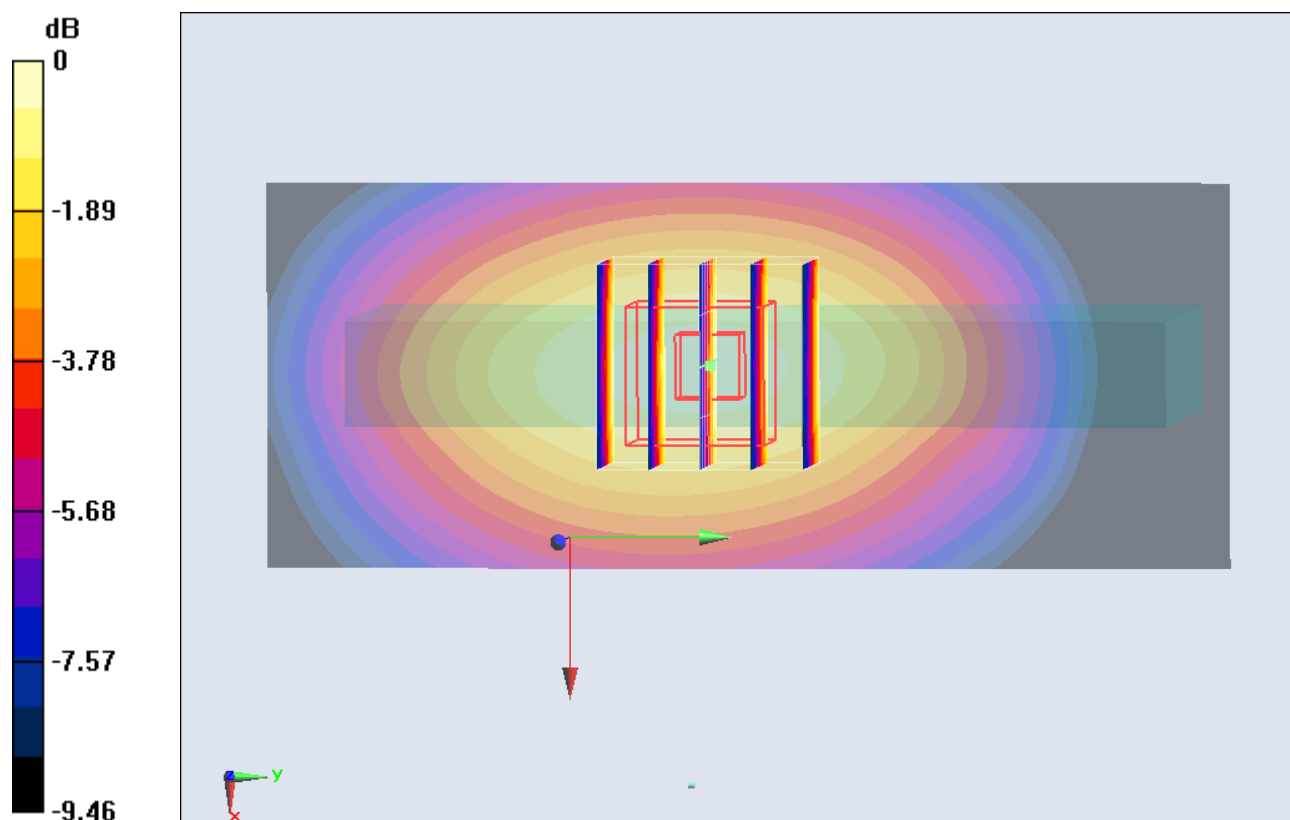
**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $28.629 \text{ V/m}$ ; Power Drift =  $-0.03 \text{ dB}$

Peak SAR (extrapolated) =  $0.911 \text{ W/kg}$

**SAR(1 g) =  $0.691 \text{ W/kg}$ ; SAR(10 g) =  $0.489 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.733 \text{ W/kg}$



0 dB =  $0.733 \text{ W/kg}$  =  $-1.35 \text{ dBW/kg}$

**#11\_GSM850\_GPRS (2 Tx slots)\_Bottom Side\_1cm\_Ch128****DUT: 2O3103**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_121124 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.953$  mho/m;  $\epsilon_r = 53.726$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch128/Area Scan (31x91x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.171 W/kg

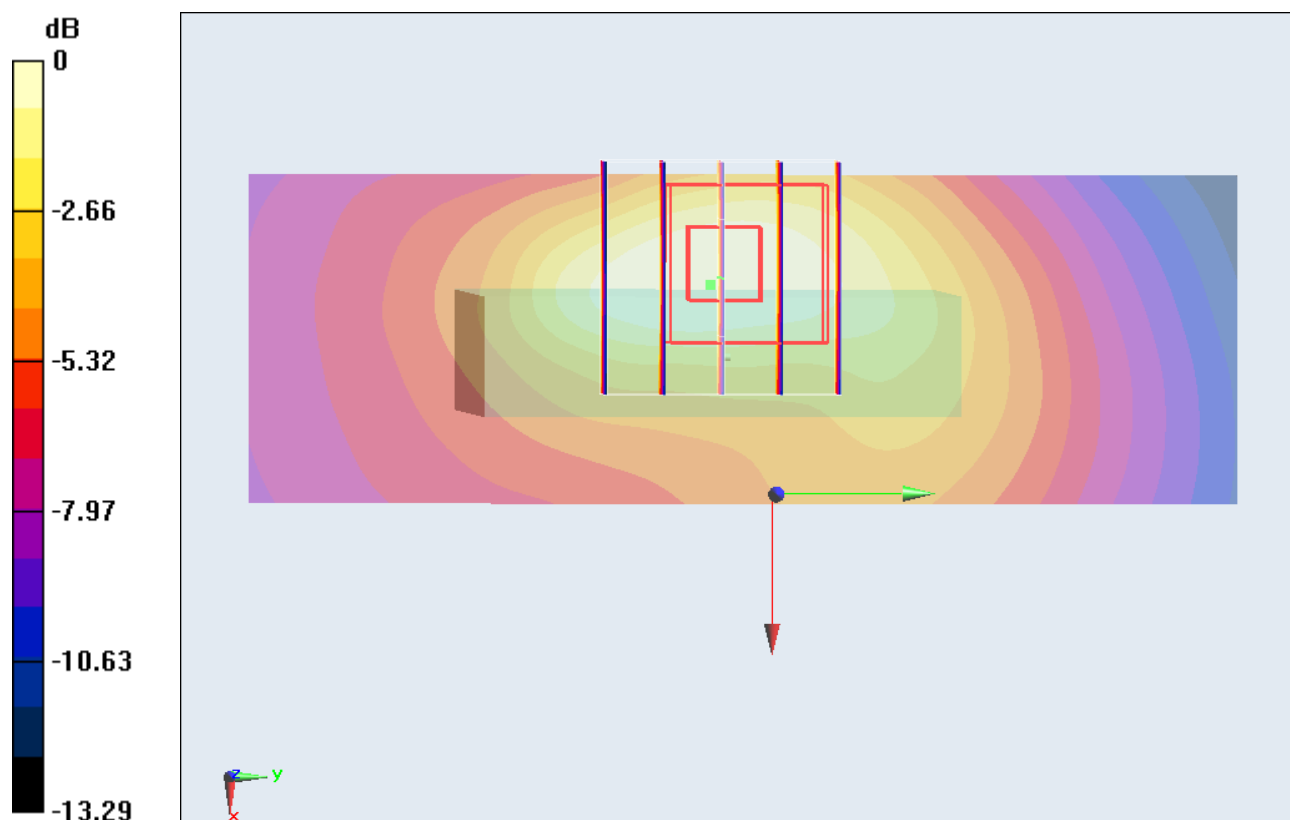
**Configuration/Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 13.094 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.271 W/kg

**SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.083 W/kg**

Maximum value of SAR (measured) = 0.153 W/kg



**#07\_GSM850\_GSM Voice\_Front\_1cm\_Ch128;Headset****DUT: 2O3103**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: MSL\_850\_121124 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.953$  mho/m;  $\epsilon_r = 53.726$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch128/Area Scan (61x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.493 W/kg

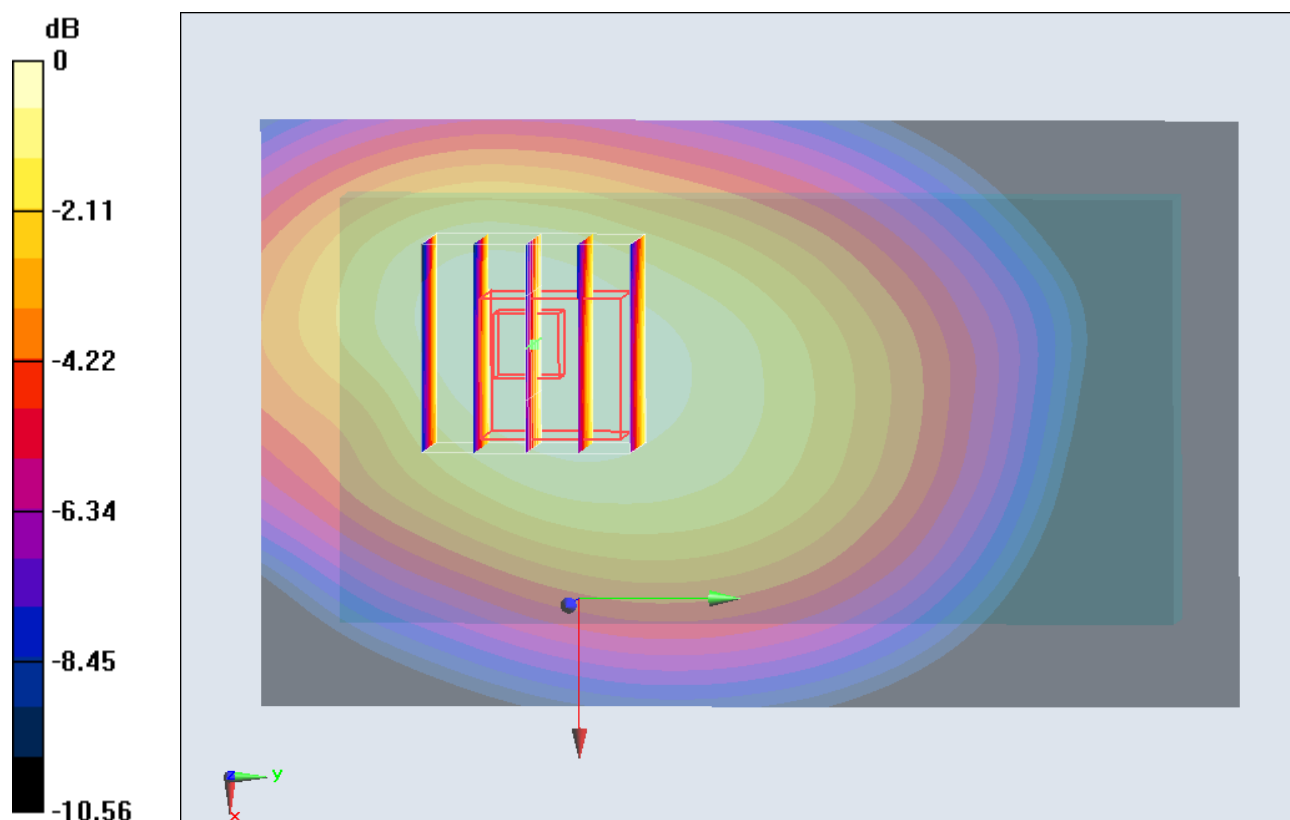
**Configuration/Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 23.113 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.606 W/kg

**SAR(1 g) = 0.447 W/kg; SAR(10 g) = 0.325 W/kg**

Maximum value of SAR (measured) = 0.472 W/kg



0 dB = 0.472 W/kg = -3.26 dBW/kg

**#26\_GSM1900\_GPRS (2 Tx slots)\_Front\_1cm\_Ch512****DUT: 2O3103**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_121127 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.464$  mho/m;  $\epsilon_r = 54.933$ ;

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

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch512/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.656 W/kg

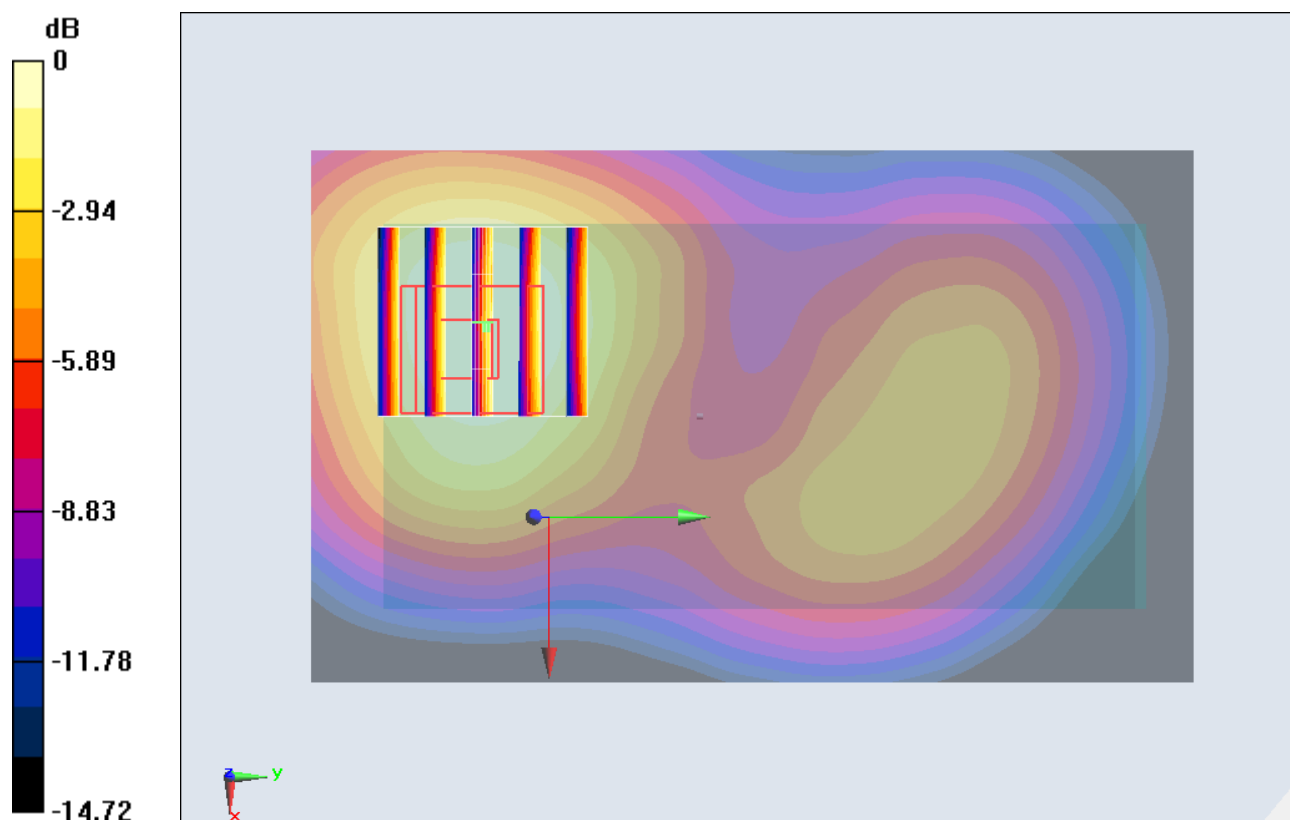
**Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.630 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.778 W/kg

**SAR(1 g) = 0.544 W/kg; SAR(10 g) = 0.338 W/kg**

Maximum value of SAR (measured) = 0.589 W/kg



0 dB = 0.589 W/kg = -2.30 dBW/kg

**#27\_GSM1900\_GPRS (2 Tx slots)\_Back\_1cm\_Ch512****DUT: 2O3103**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_121127 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.464$  mho/m;  $\epsilon_r = 54.933$ ;

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

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch512/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.626 W/kg

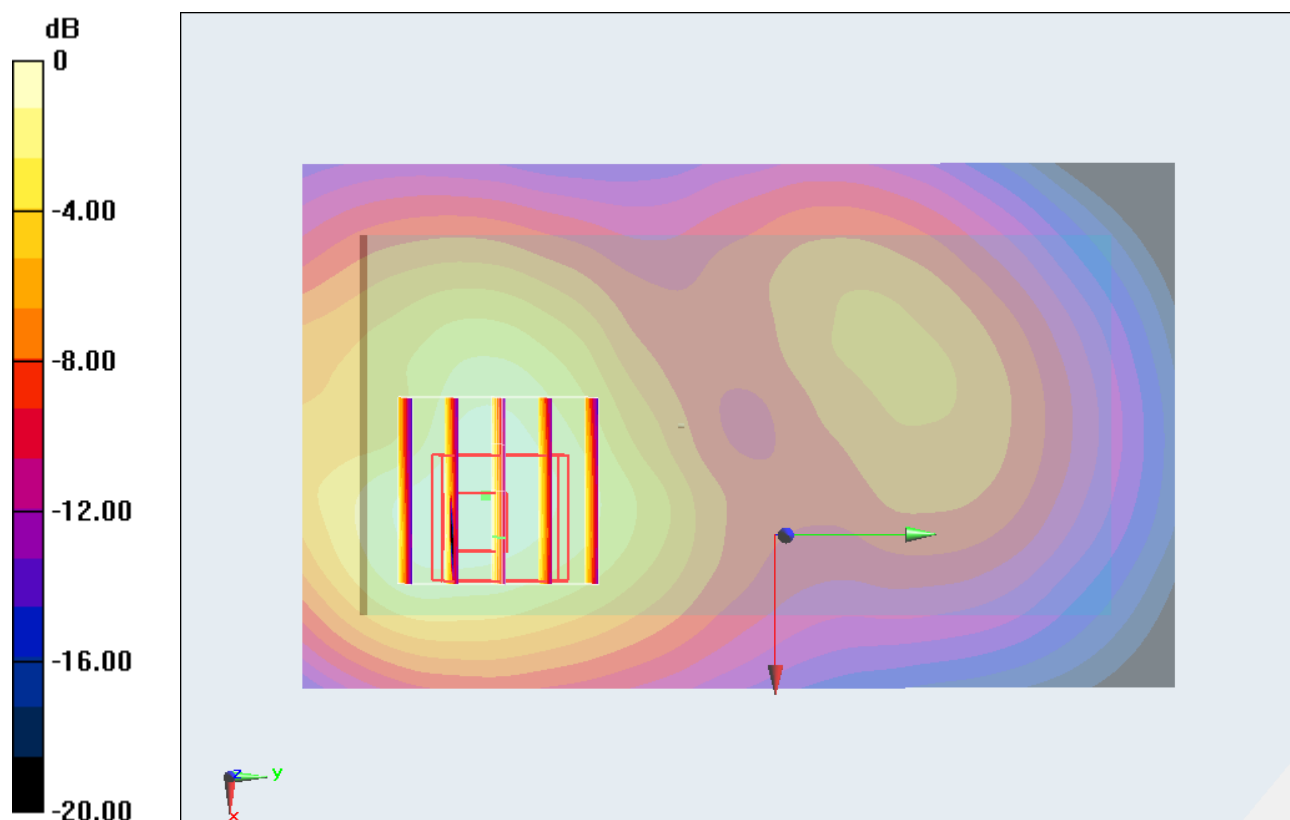
**Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.114 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.920 W/kg

**SAR(1 g) = 0.612 W/kg; SAR(10 g) = 0.359 W/kg**

Maximum value of SAR (measured) = 0.643 W/kg



0 dB = 0.643 W/kg = -1.92 dBW/kg

**#27\_GSM1900\_GPRS (2 Tx slots)\_Back\_1cm\_Ch512\_2D****DUT: 2O3103**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_121127 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.464$  mho/m;  $\epsilon_r = 54.933$ ;

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

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch512/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.626 W/kg

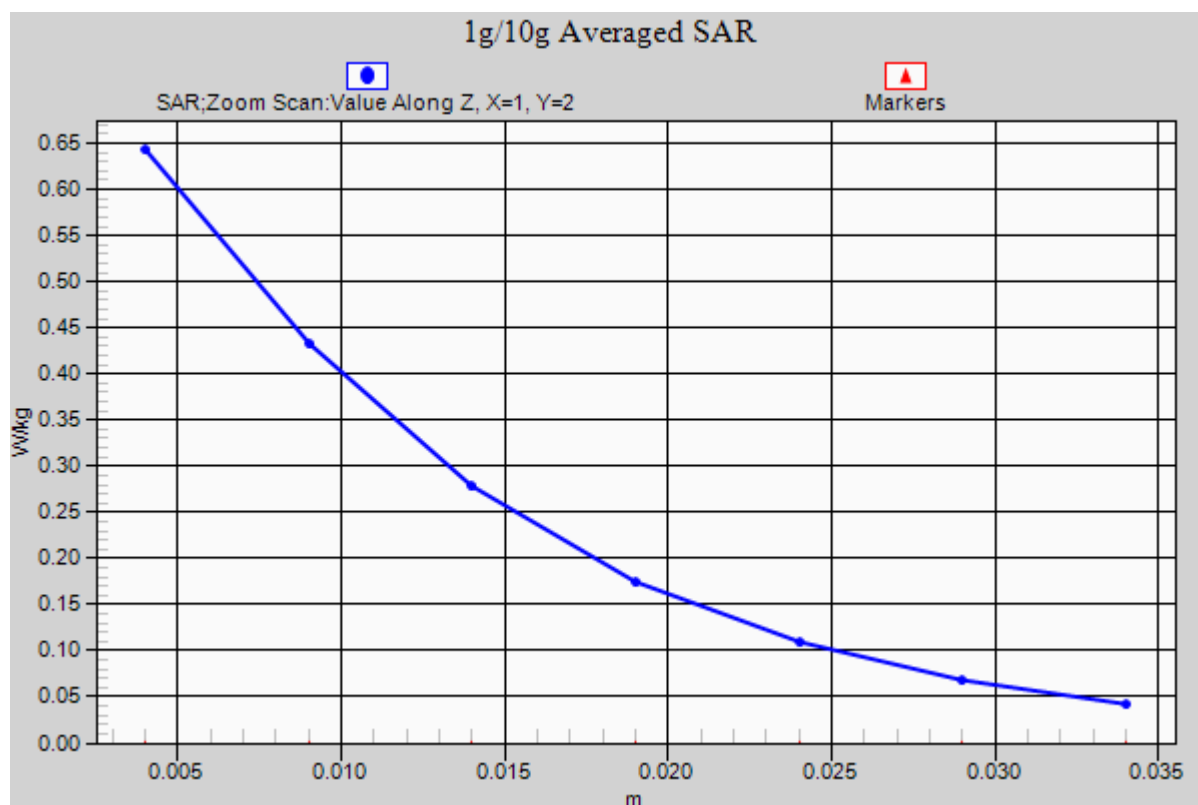
**Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.114 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.920 W/kg

**SAR(1 g) = 0.612 W/kg; SAR(10 g) = 0.359 W/kg**

Maximum value of SAR (measured) = 0.643 W/kg



**#28\_GSM1900\_GPRS (2 Tx slots)\_Left Side\_1cm\_Ch512****DUT: 2O3103**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_121127 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.464$  mho/m;  $\epsilon_r = 54.933$ ;

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

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch512/Area Scan (41x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.323 W/kg

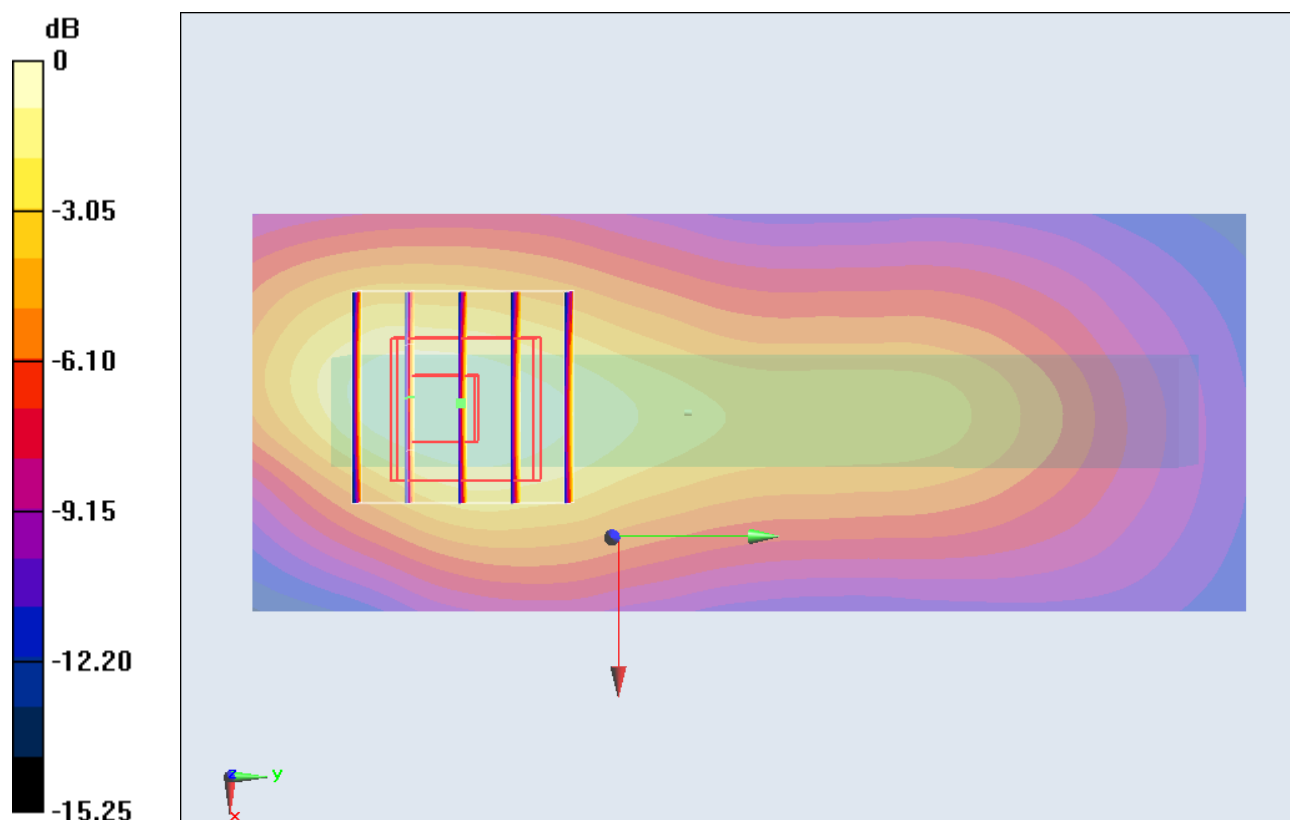
**Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.559 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.425 W/kg

**SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.172 W/kg**

Maximum value of SAR (measured) = 0.309 W/kg



**#29\_GSM1900\_GPRS (2 Tx slots)\_Right Side\_1cm\_Ch512****DUT: 2O3103**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_121127 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.464$  mho/m;  $\epsilon_r = 54.933$ ;

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

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch512/Area Scan (41x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.0911 W/kg

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

Reference Value = 6.118 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.116 W/kg

**SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.049 W/kg**

Maximum value of SAR (measured) = 0.0859 W/kg

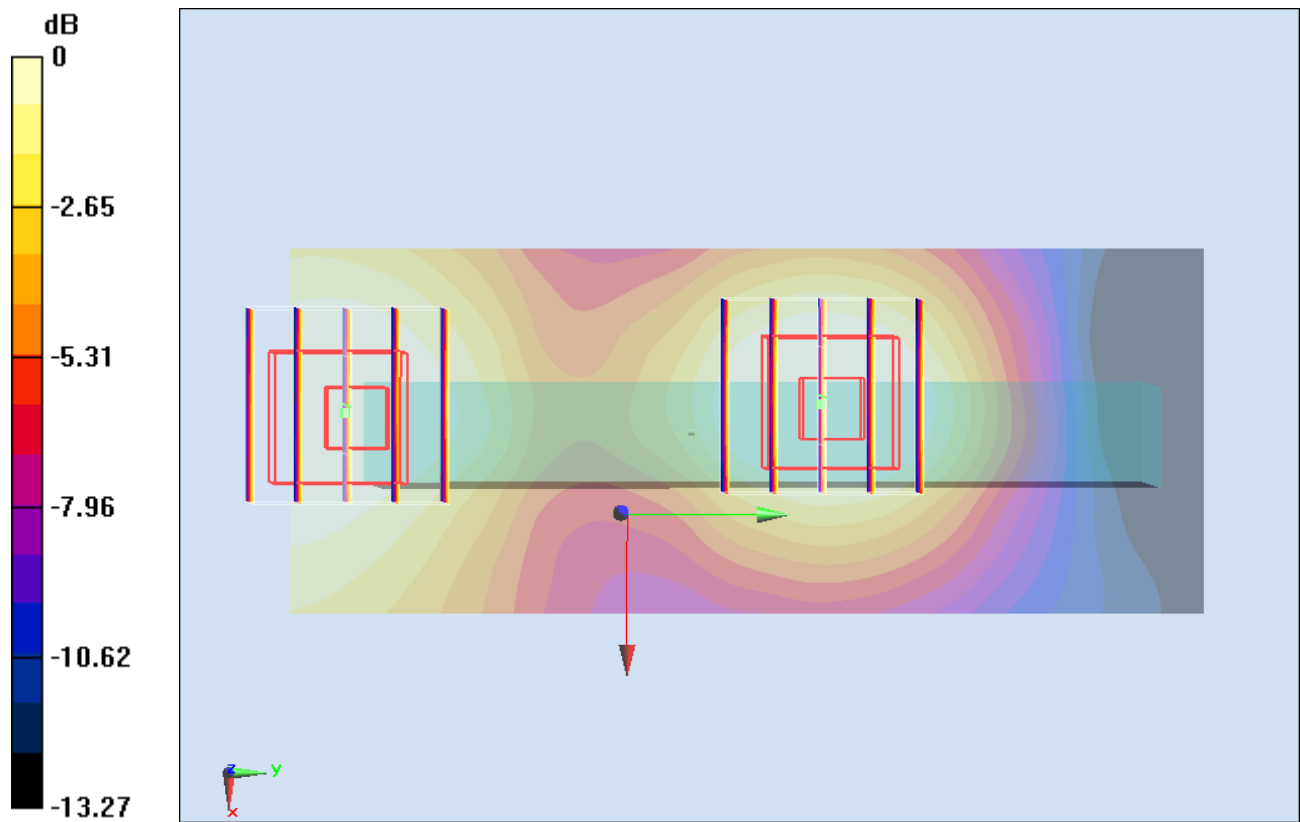
**Configuration/Ch512/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.118 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.0890 W/kg

**SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.042 W/kg**

Maximum value of SAR (measured) = 0.0667 W/kg



**#31\_GSM1900\_GPRS (2 Tx slots)\_Bottom Side\_1cm\_Ch512****DUT: 2O3103**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_121127 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.464$  mho/m;  $\epsilon_r = 54.933$ ;

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

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch512/Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.300 W/kg

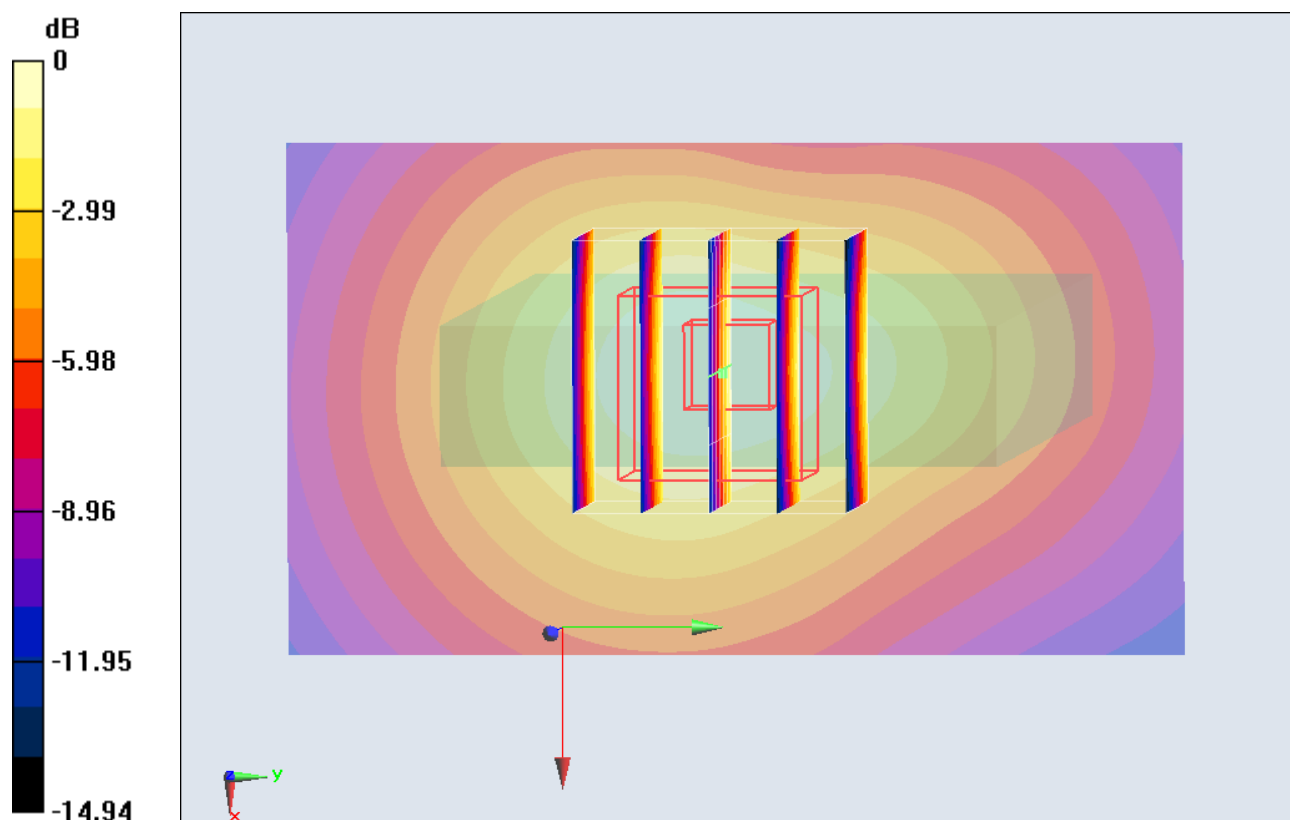
**Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.733 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.406 W/kg

**SAR(1 g) = 0.278 W/kg; SAR(10 g) = 0.170 W/kg**

Maximum value of SAR (measured) = 0.307 W/kg



**#32\_GSM1900\_GSM Voice\_Back\_1cm\_Ch512;Headset****DUT: 2O3103**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: MSL\_1900\_121127 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.464$  mho/m;  $\epsilon_r = 54.933$ ;

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

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch512/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.349 W/kg

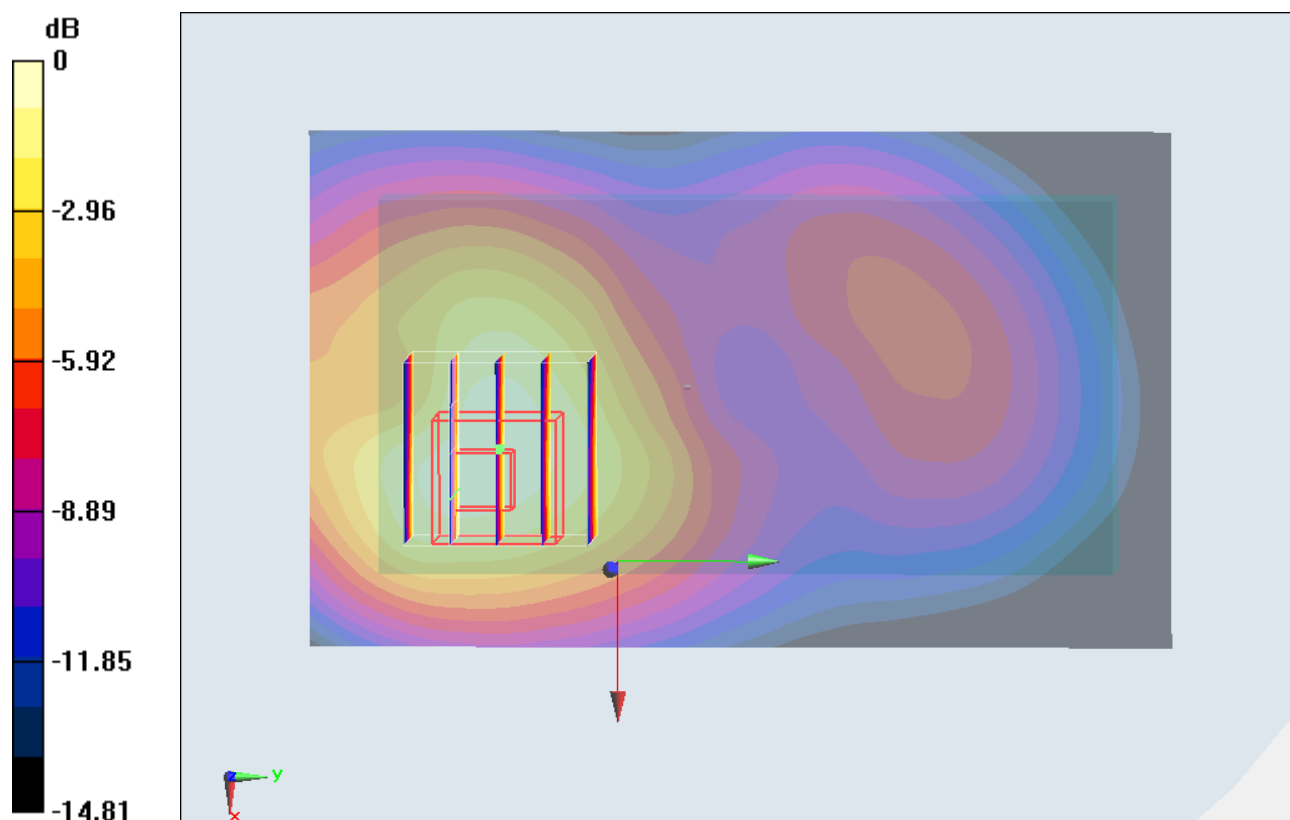
**Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.090 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.493 W/kg

**SAR(1 g) = 0.338 W/kg; SAR(10 g) = 0.206 W/kg**

Maximum value of SAR (measured) = 0.363 W/kg



**#12\_WCDMA V\_RMC12.2K\_Front\_1cm\_Ch4233****DUT: 2O3103**

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

Medium: MSL\_850\_121124 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.975$  mho/m;  $\epsilon_r = 53.502$ ;  $\rho =$

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

Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch4233/Area Scan (61x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) =  $0.574 \text{ W/kg}$

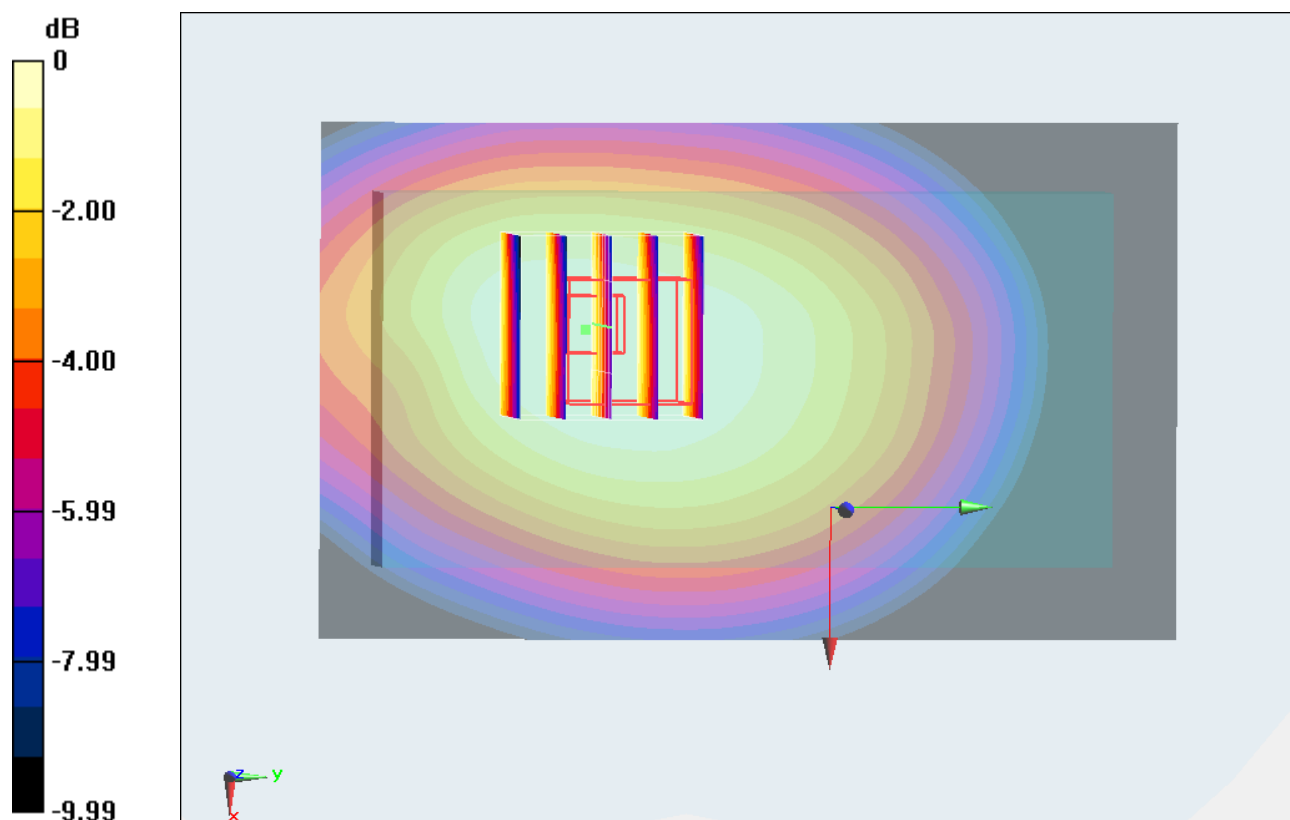
**Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $24.495 \text{ V/m}$ ; Power Drift =  $-0.00 \text{ dB}$

Peak SAR (extrapolated) =  $0.668 \text{ W/kg}$

**SAR(1 g) =  $0.519 \text{ W/kg}$ ; SAR(10 g) =  $0.389 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.546 \text{ W/kg}$



**#12\_WCDMA V\_RMC12.2K\_Front\_1cm\_Ch4233\_2D****DUT: 2O3103**

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

Medium: MSL\_850\_121124 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.975$  mho/m;  $\epsilon_r = 53.502$ ;  $\rho =$

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

Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch4233/Area Scan (61x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) =  $0.574 \text{ W/kg}$

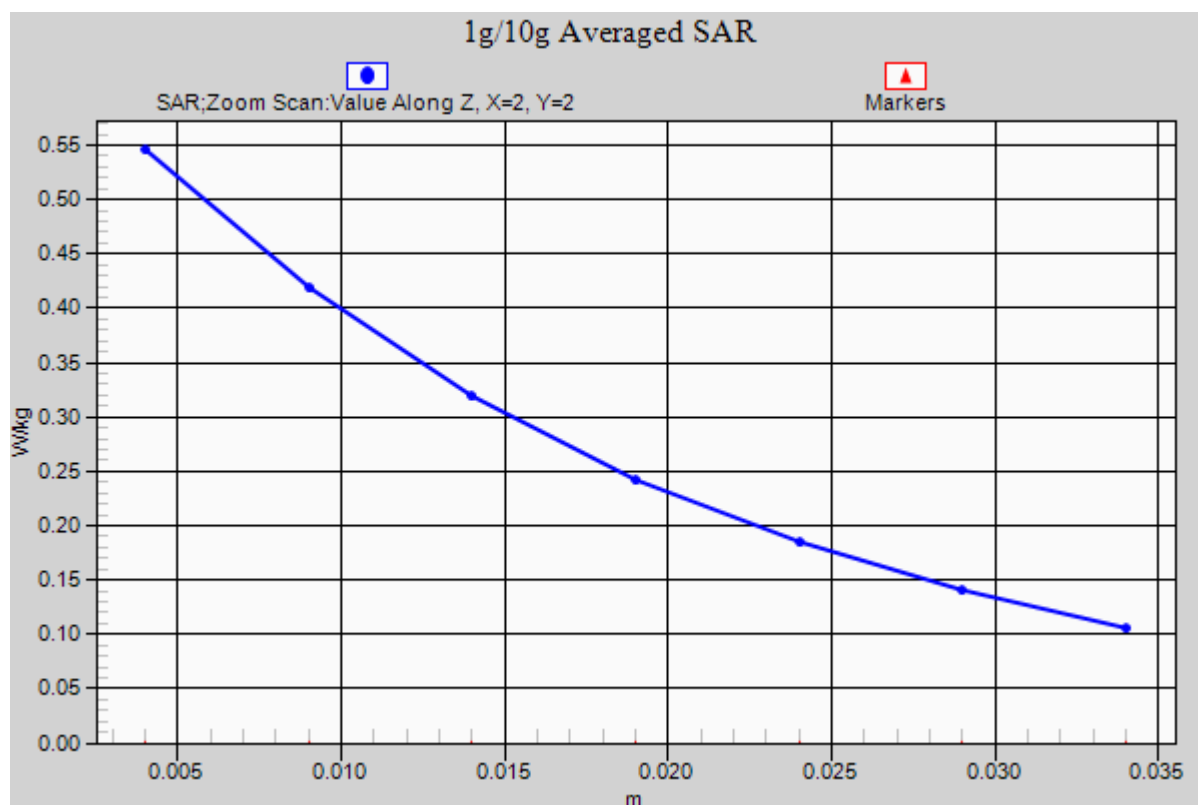
**Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $24.495 \text{ V/m}$ ; Power Drift =  $-0.00 \text{ dB}$

Peak SAR (extrapolated) =  $0.668 \text{ W/kg}$

**SAR(1 g) =  $0.519 \text{ W/kg}$ ; SAR(10 g) =  $0.389 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.546 \text{ W/kg}$



**#13\_WCDMA V\_RMC12.2K\_Back\_1cm\_Ch4233****DUT: 2O3103**

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

Medium: MSL\_850\_121124 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.975$  mho/m;  $\epsilon_r = 53.502$ ;  $\rho =$

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

Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch4233/Area Scan (61x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) =  $0.479 \text{ W/kg}$

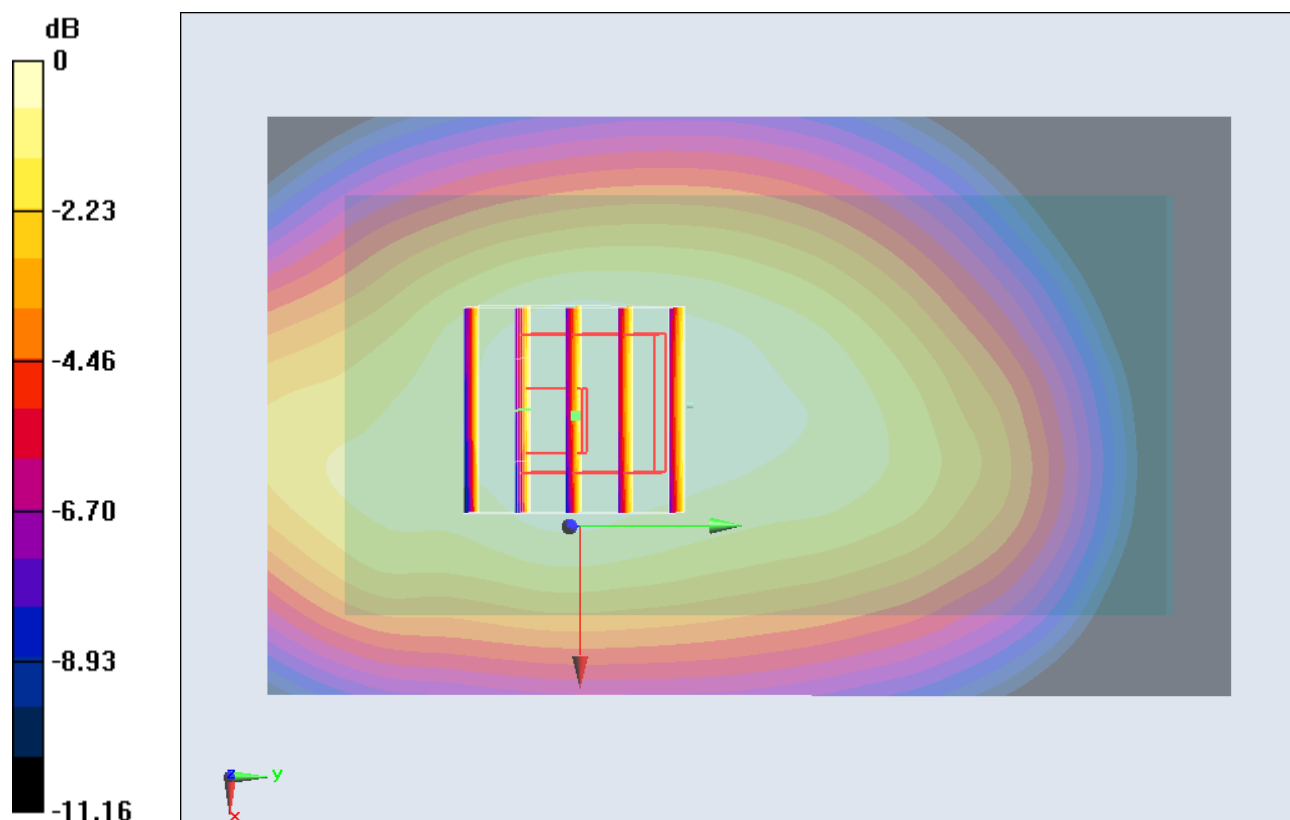
**Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $22.457 \text{ V/m}$ ; Power Drift =  $-0.08 \text{ dB}$

Peak SAR (extrapolated) =  $0.594 \text{ W/kg}$

**SAR(1 g) =  $0.434 \text{ W/kg}$ ; SAR(10 g) =  $0.318 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.457 \text{ W/kg}$



**#15\_WCDMA V\_RMC12.2K\_Left Side\_1cm\_Ch4233****DUT: 2O3103**

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

Medium: MSL\_850\_121124 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.975$  mho/m;  $\epsilon_r = 53.502$ ;  $\rho =$

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

Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch4233/Area Scan (41x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) =  $0.360 \text{ W/kg}$

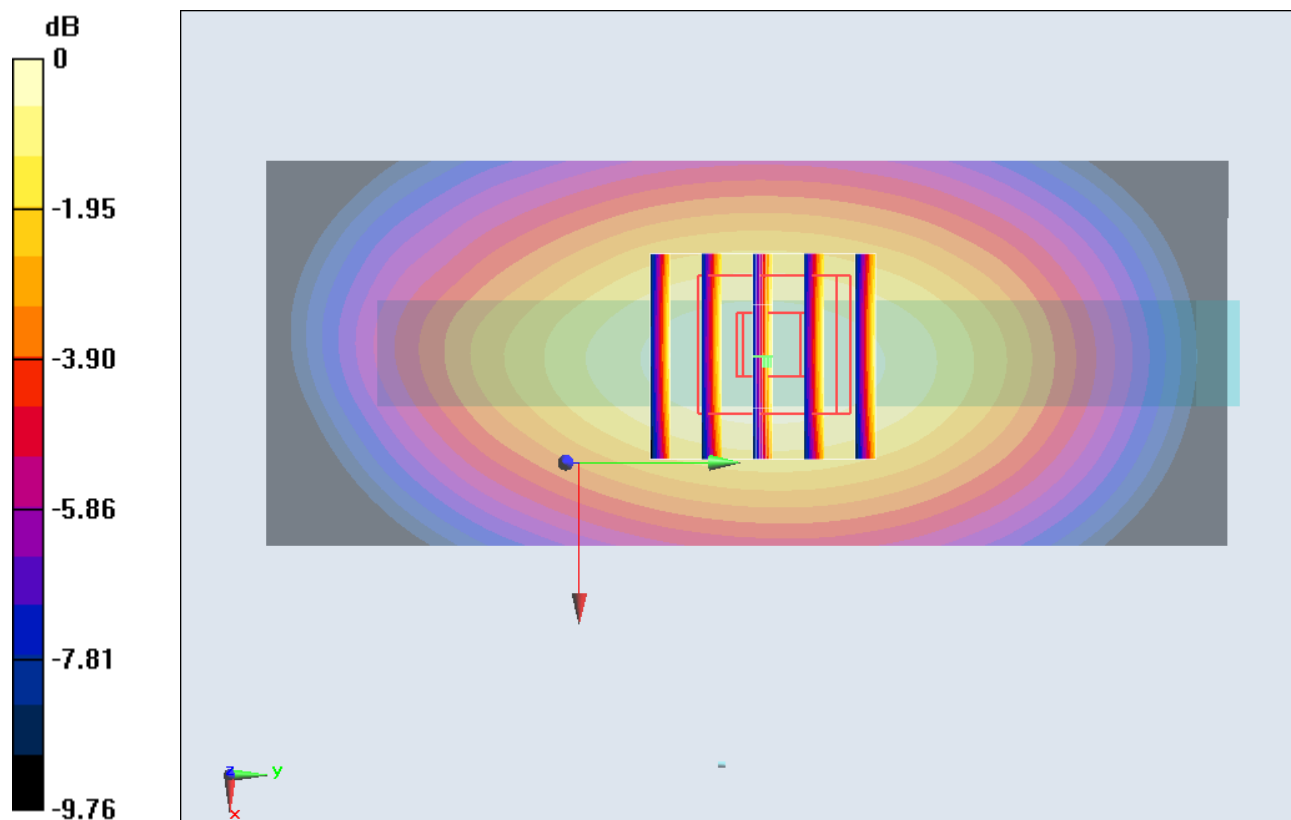
**Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $19.741 \text{ V/m}$ ; Power Drift =  $0.04 \text{ dB}$

Peak SAR (extrapolated) =  $0.453 \text{ W/kg}$

**SAR(1 g) =  $0.337 \text{ W/kg}$ ; SAR(10 g) =  $0.234 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.363 \text{ W/kg}$



0 dB =  $0.363 \text{ W/kg}$  =  $-4.40 \text{ dBW/kg}$

**#16\_WCDMA V\_RMC12.2K\_Right Side\_1cm\_Ch4233****DUT: 2O3103**

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

Medium: MSL\_850\_121124 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.975$  mho/m;  $\epsilon_r = 53.502$ ;  $\rho =$

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

Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch4233/Area Scan (41x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) =  $0.480 \text{ W/kg}$

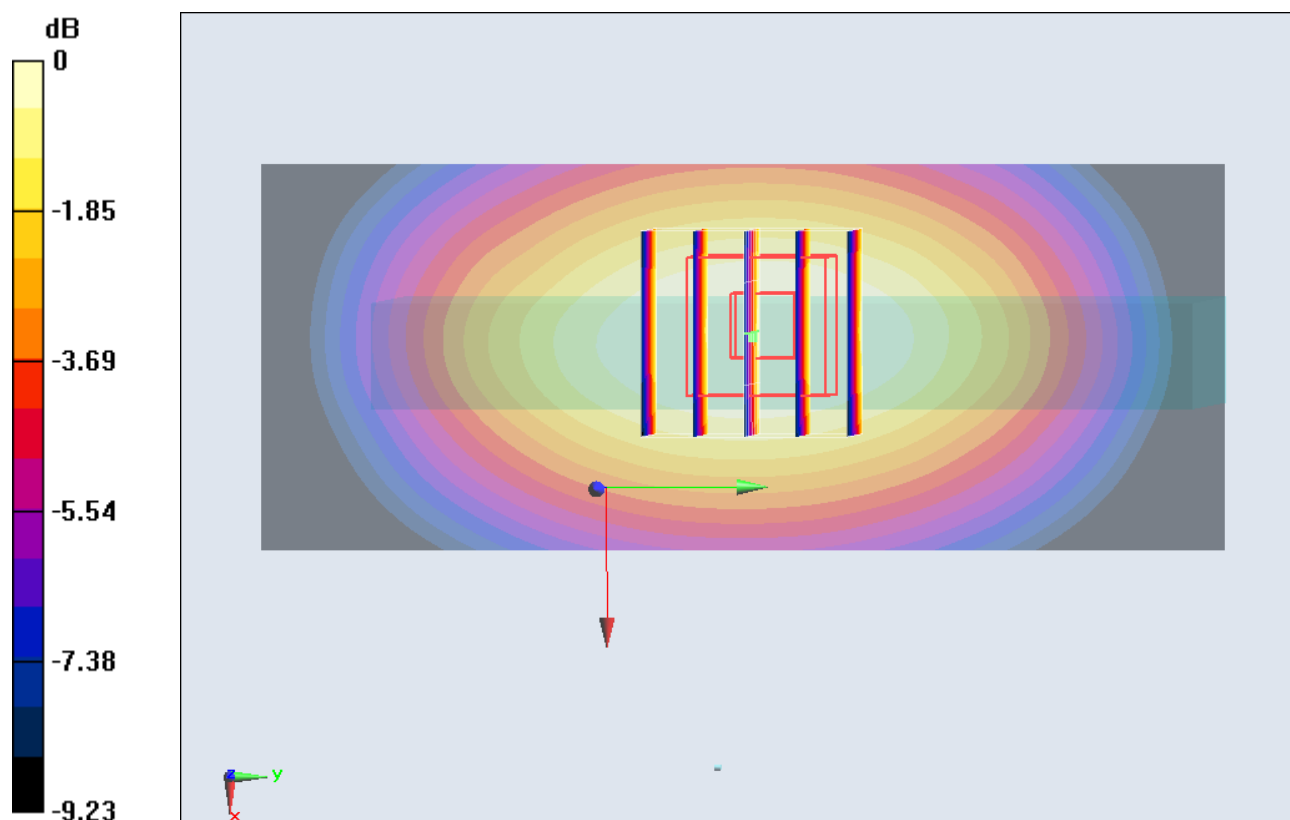
**Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $22.611 \text{ V/m}$ ; Power Drift =  $-0.133 \text{ dB}$

Peak SAR (extrapolated) =  $0.558 \text{ W/kg}$

**SAR(1 g) =  $0.405 \text{ W/kg}$ ; SAR(10 g) =  $0.283 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.432 \text{ W/kg}$



**#18\_WCDMA V\_RMC12.2K\_Bottom Side\_1cm\_Ch4233****DUT: 2O3103**

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

Medium: MSL\_850\_121124 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.975$  mho/m;  $\epsilon_r = 53.502$ ;  $\rho =$

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

Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch4233/Area Scan (31x81x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) =  $0.100 \text{ W/kg}$

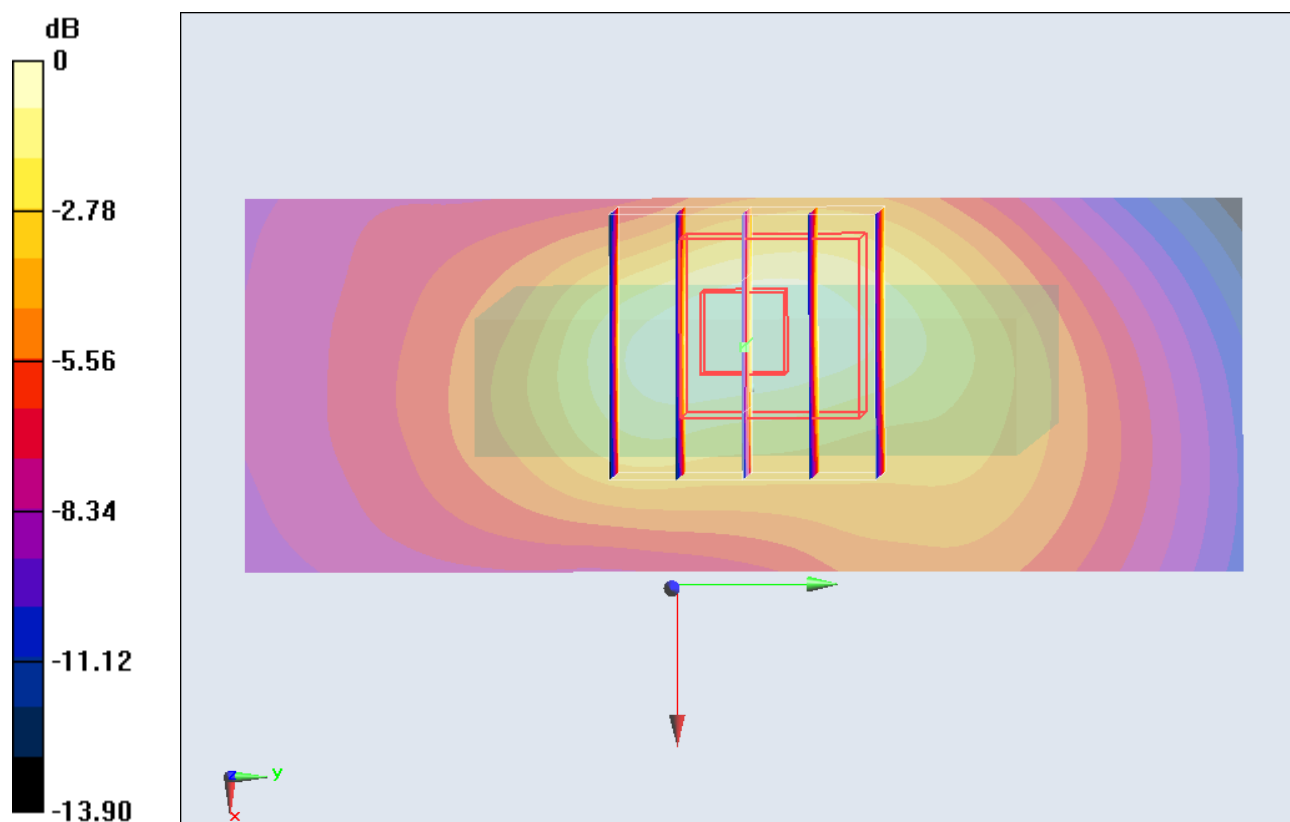
**Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $10.198 \text{ V/m}$ ; Power Drift =  $0.05 \text{ dB}$

Peak SAR (extrapolated) =  $0.162 \text{ W/kg}$

**SAR(1 g) =  $0.088 \text{ W/kg}$ ; SAR(10 g) =  $0.052 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.0957 \text{ W/kg}$



**#14\_WCDMA V\_RMC12.2K\_Front\_1cm\_Ch4233;Headset****DUT: 2O3103**

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

Medium: MSL\_850\_121124 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.975$  mho/m;  $\epsilon_r = 53.502$ ;  $\rho =$

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

Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch4233/Area Scan (61x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) =  $0.467 \text{ W/kg}$

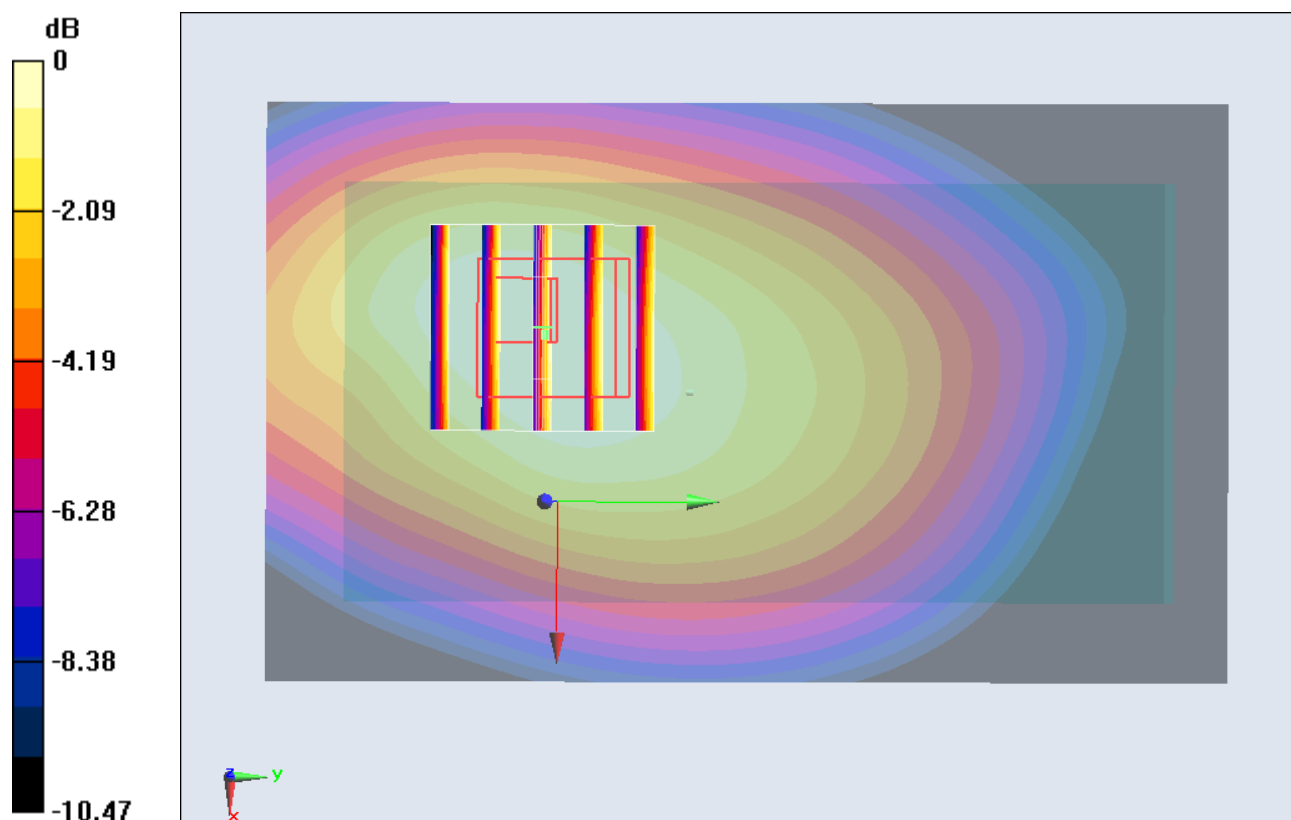
**Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $22.146 \text{ V/m}$ ; Power Drift =  $0.08 \text{ dB}$

Peak SAR (extrapolated) =  $0.561 \text{ W/kg}$

**SAR(1 g) =  $0.420 \text{ W/kg}$ ; SAR(10 g) =  $0.301 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.440 \text{ W/kg}$



0 dB =  $0.440 \text{ W/kg}$  =  $-3.57 \text{ dBW/kg}$

**#19\_WCDMA II\_RMC12.2K\_Front\_1cm\_Ch9400****DUT: 2O3103**

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

Medium: MSL\_1900\_121127 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 54.819$ ;  $\rho$

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

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch9400/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.725 W/kg

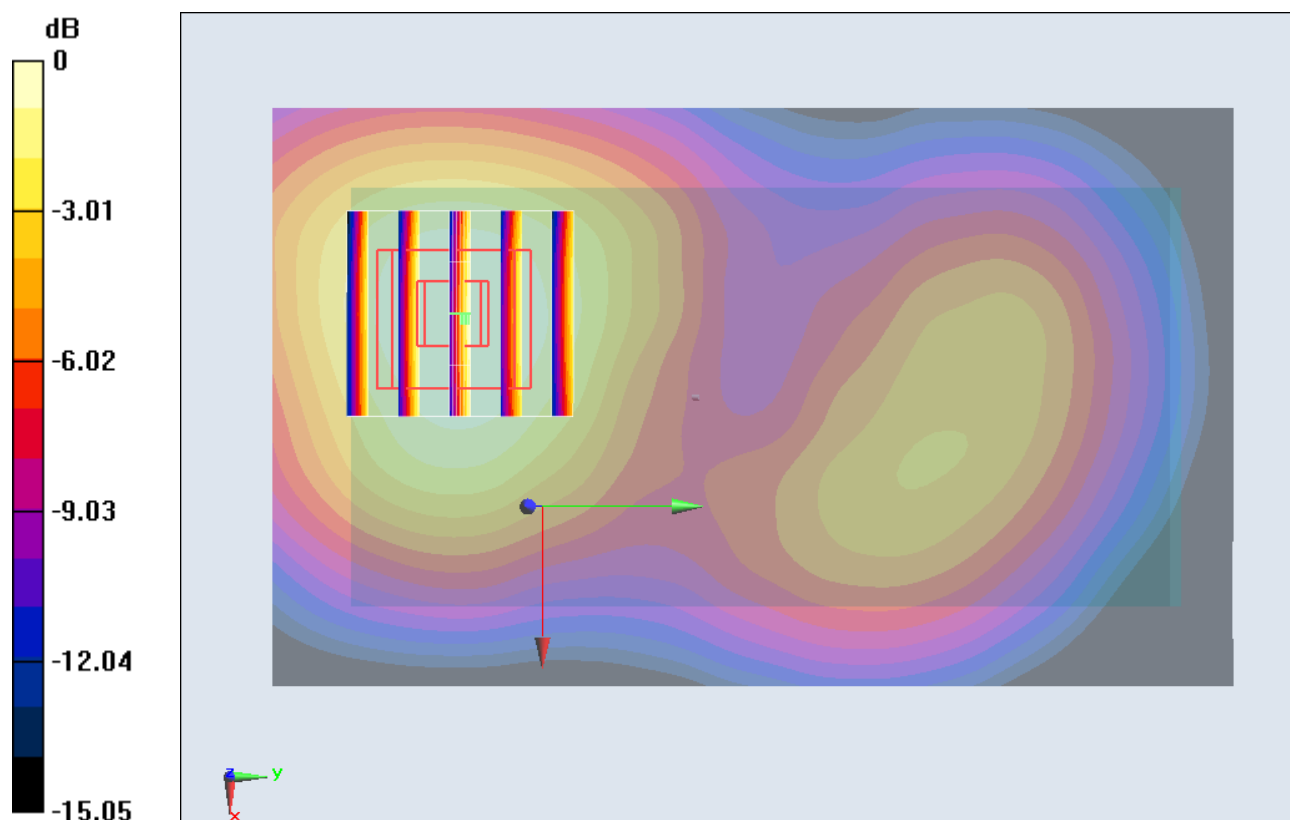
**Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.076 V/m; Power Drift = -0.131 dB

Peak SAR (extrapolated) = 0.870 W/kg

**SAR(1 g) = 0.617 W/kg; SAR(10 g) = 0.393 W/kg**

Maximum value of SAR (measured) = 0.658 W/kg



0 dB = 0.658 W/kg = -1.82 dBW/kg

**#19\_WCDMA II\_RMC12.2K\_Front\_1cm\_Ch9400\_2D****DUT: 2O3103**

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

Medium: MSL\_1900\_121127 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 54.819$ ;  $\rho$

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

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch9400/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.725 W/kg

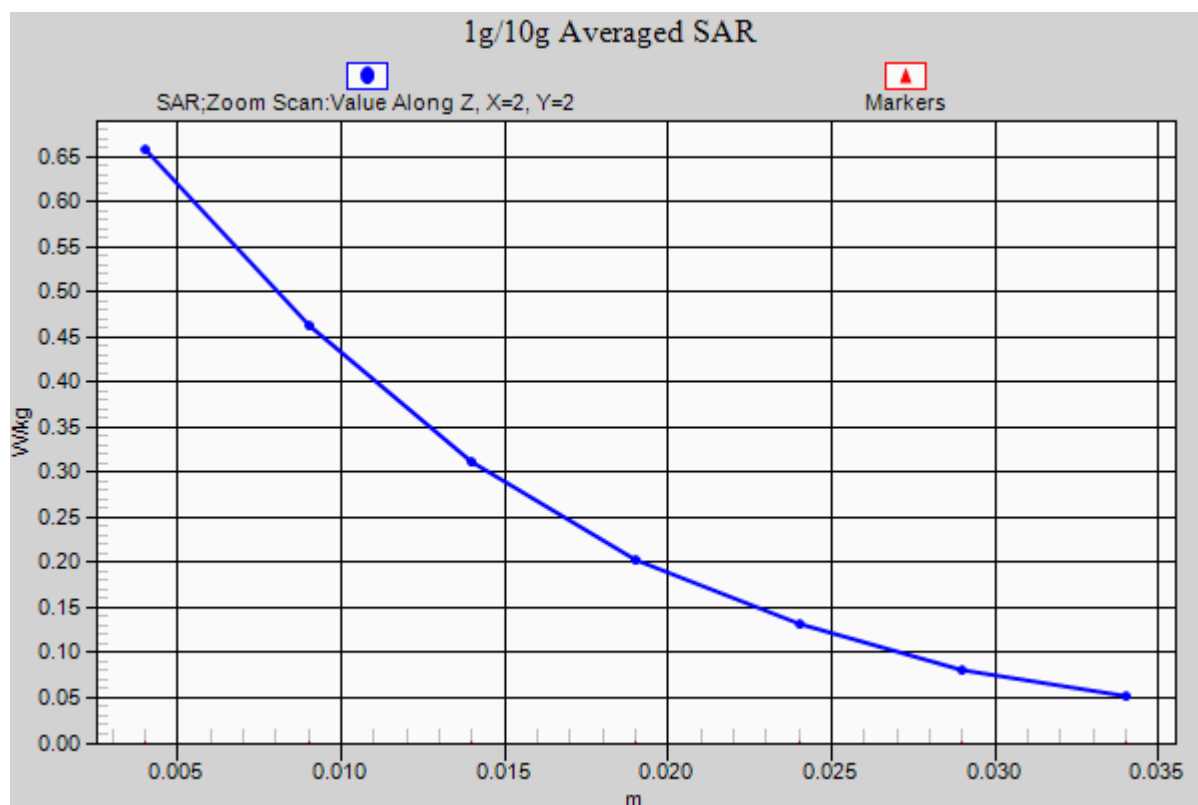
**Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.076 V/m; Power Drift = -0.131 dB

Peak SAR (extrapolated) = 0.870 W/kg

**SAR(1 g) = 0.617 W/kg; SAR(10 g) = 0.393 W/kg**

Maximum value of SAR (measured) = 0.658 W/kg



**#20\_WCDMA II\_RMC12.2K\_Back\_1cm\_Ch9400****DUT: 2O3103**

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

Medium: MSL\_1900\_121127 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 54.819$ ;  $\rho$

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

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch9400/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.584 W/kg

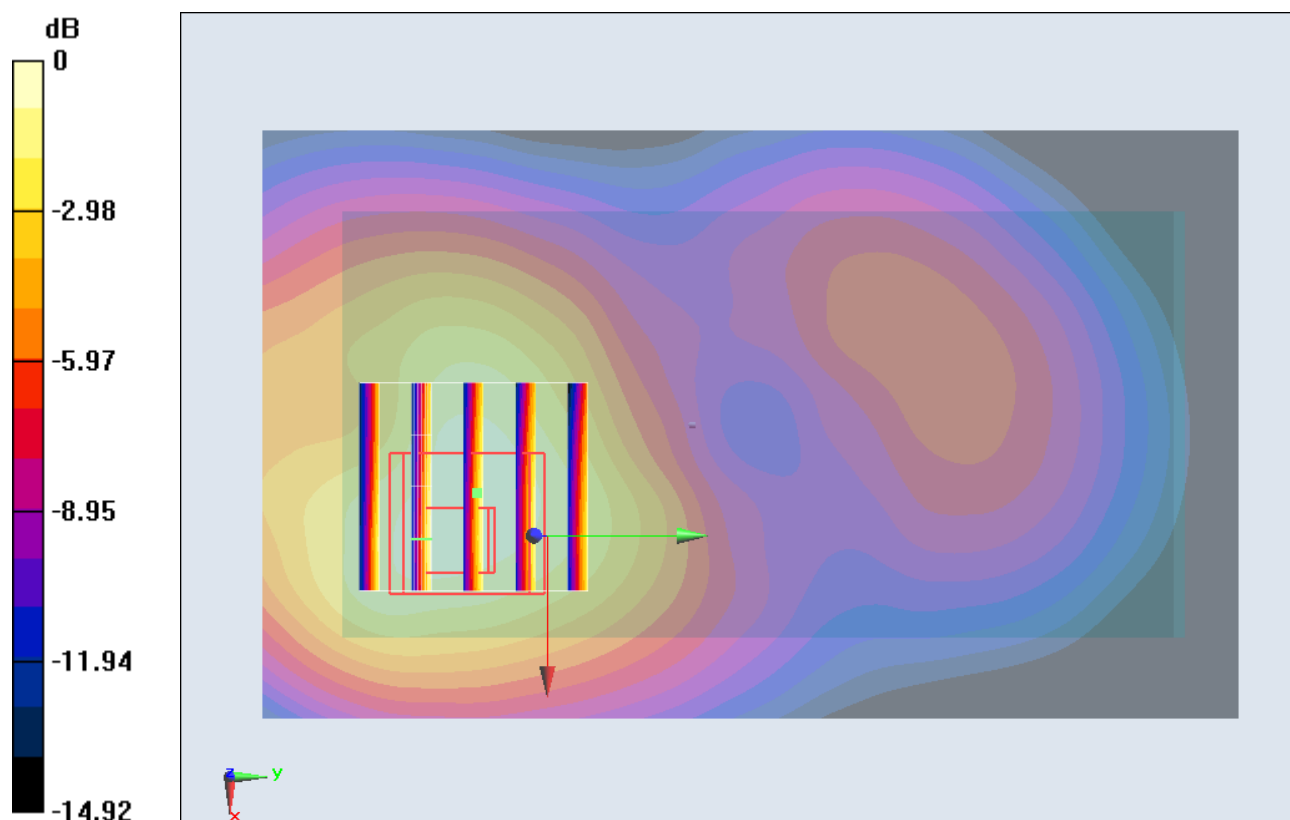
**Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.889 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.838 W/kg

**SAR(1 g) = 0.574 W/kg; SAR(10 g) = 0.353 W/kg**

Maximum value of SAR (measured) = 0.619 W/kg



0 dB = 0.619 W/kg = -2.08 dBW/kg

**#21\_WCDMA II\_RMC12.2K\_Left Side\_1cm\_Ch9400****DUT: 2O3103**

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

Medium: MSL\_1900\_121127 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 54.819$ ;  $\rho$

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

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch9400/Area Scan (41x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.297 W/kg

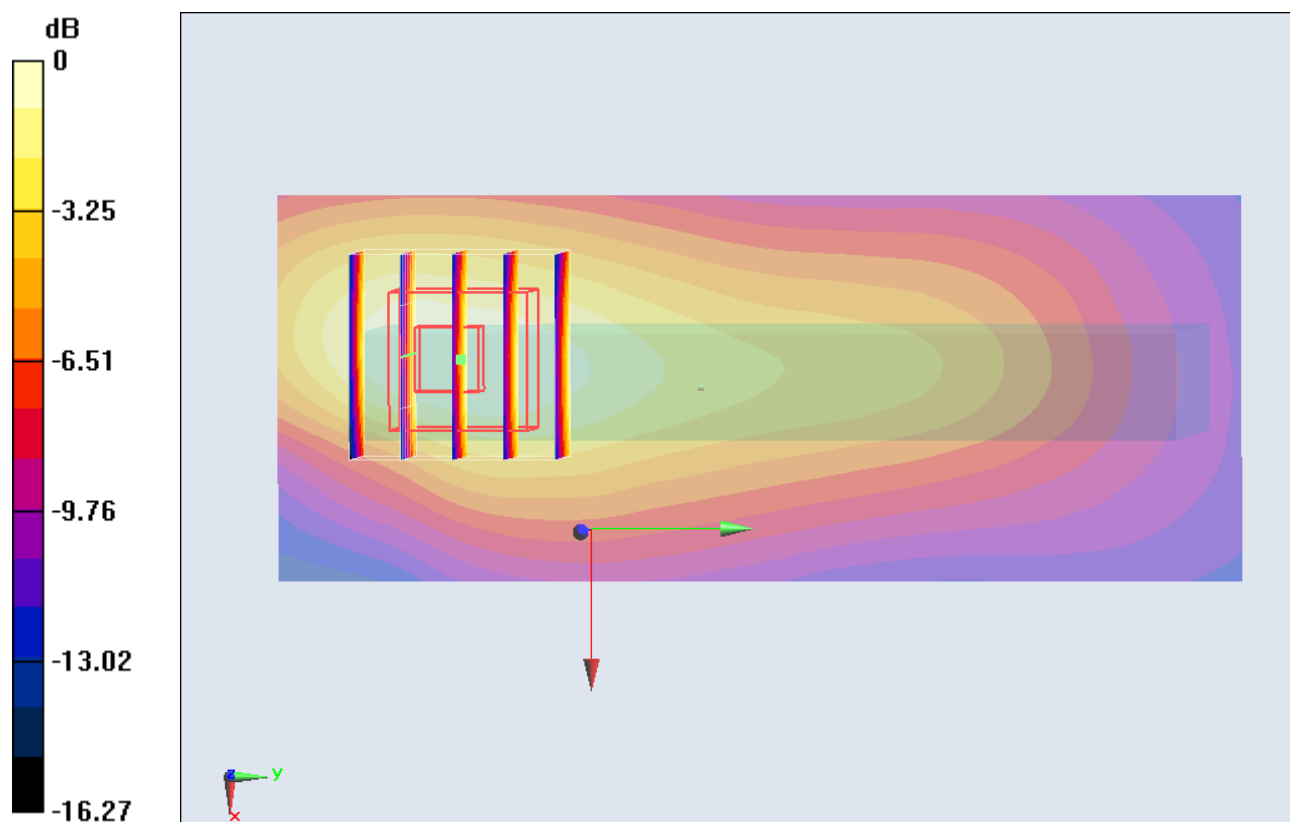
**Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.242 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.390 W/kg

**SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.153 W/kg**

Maximum value of SAR (measured) = 0.278 W/kg



0 dB = 0.278 W/kg = -5.56 dBW/kg

**#22\_WCDMA II\_RMC12.2K\_Right Side\_1cm\_Ch9400****DUT: 2O3103**

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

Medium: MSL\_1900\_121127 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 54.819$ ;  $\rho$

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

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch9400/Area Scan (41x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.0944 W/kg

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

Reference Value = 6.781 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.126 W/kg

**SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.053 W/kg**

Maximum value of SAR (measured) = 0.0910 W/kg

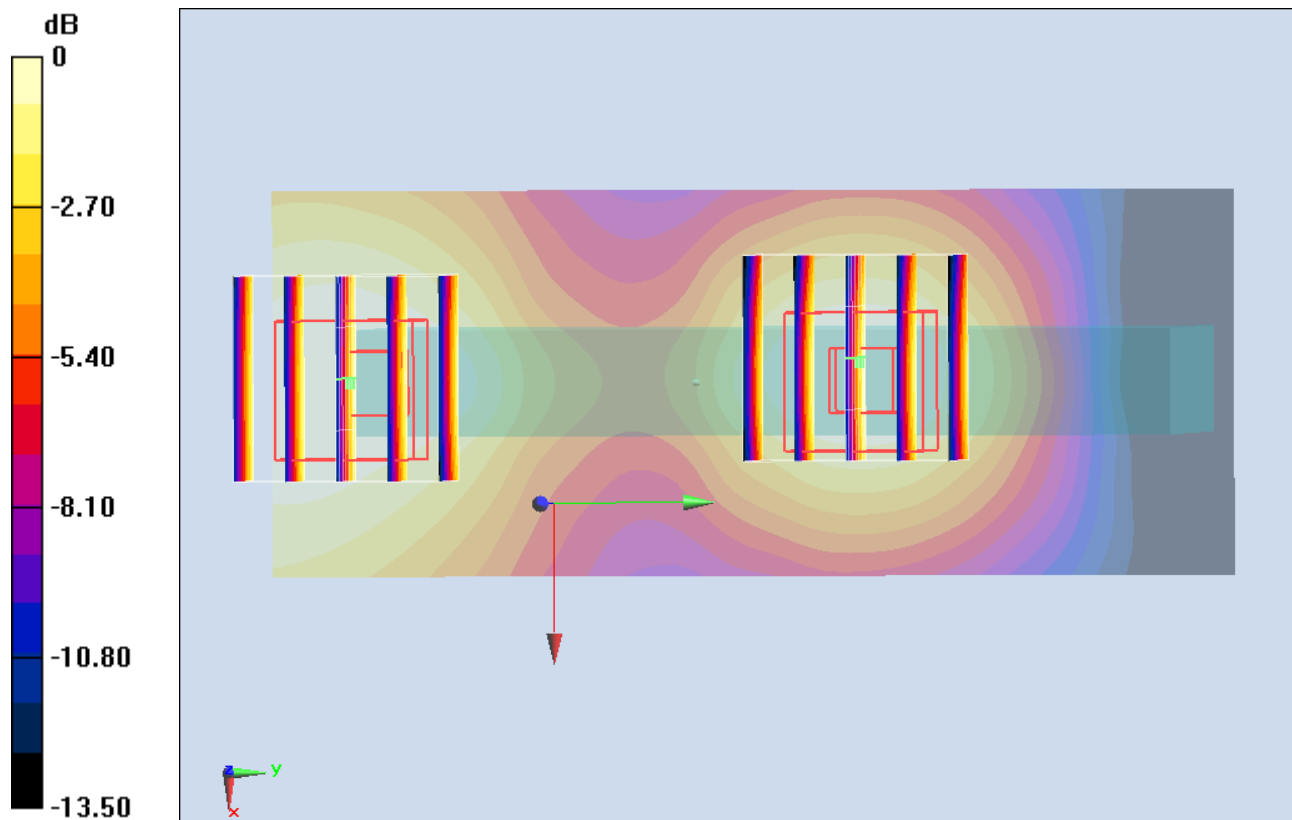
**Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.781 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.116 W/kg

**SAR(1 g) = 0.081 W/kg; SAR(10 g) = 0.053 W/kg**

Maximum value of SAR (measured) = 0.0864 W/kg



**#24\_WCDMA II\_RMC12.2K\_Bottom Side\_1cm\_Ch9400****DUT: 2O3103**

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

Medium: MSL\_1900\_121127 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 54.819$ ;  $\rho$

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

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch9400/Area Scan (41x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.317 W/kg

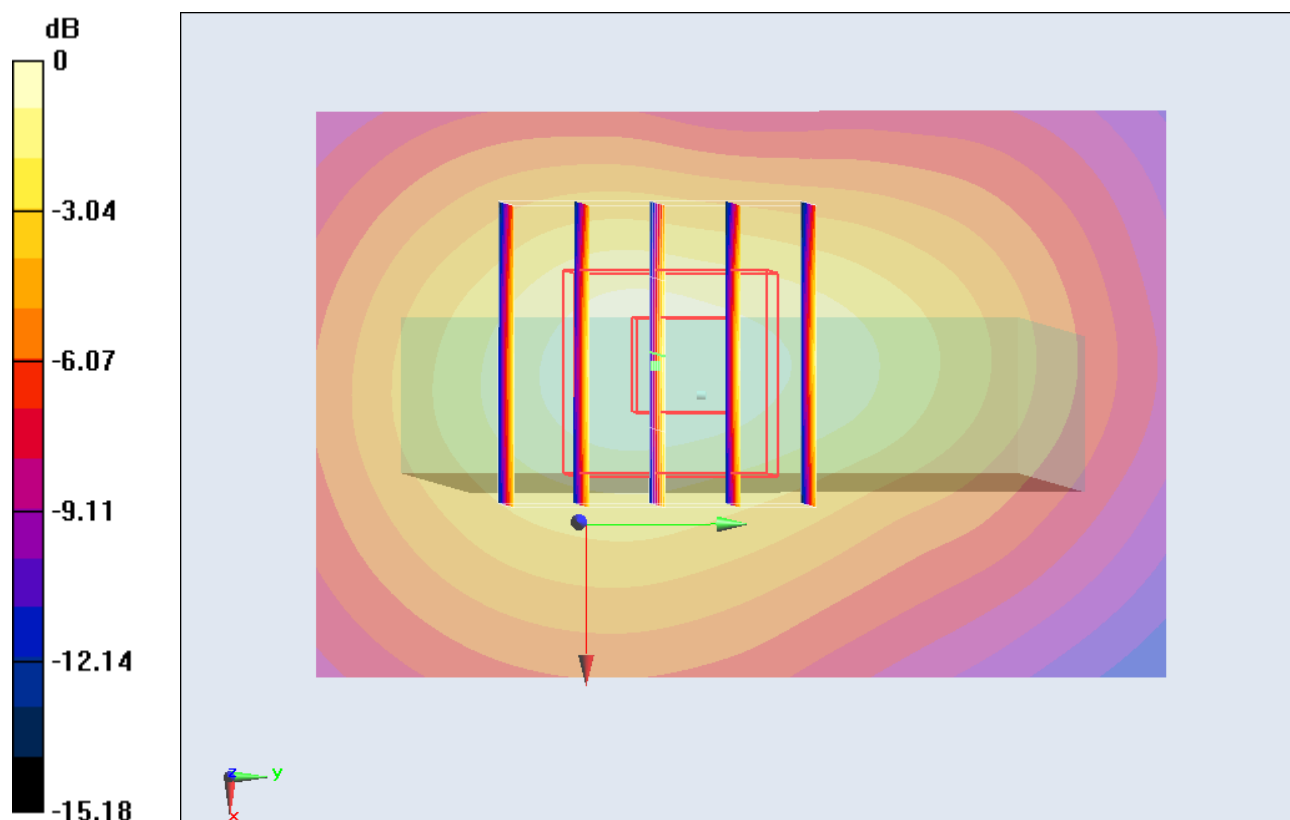
**Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.860 V/m; Power Drift = 0.122 dB

Peak SAR (extrapolated) = 0.439 W/kg

**SAR(1 g) = 0.297 W/kg; SAR(10 g) = 0.181 W/kg**

Maximum value of SAR (measured) = 0.330 W/kg



0 dB = 0.330 W/kg = -4.81 dBW/kg

**#25\_WCDMA II\_RMC12.2K\_Front\_1cm\_Ch9400;Headset****DUT: 2O3103**

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

Medium: MSL\_1900\_121127 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 54.819$ ;  $\rho$

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

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Ch9400/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.679 W/kg

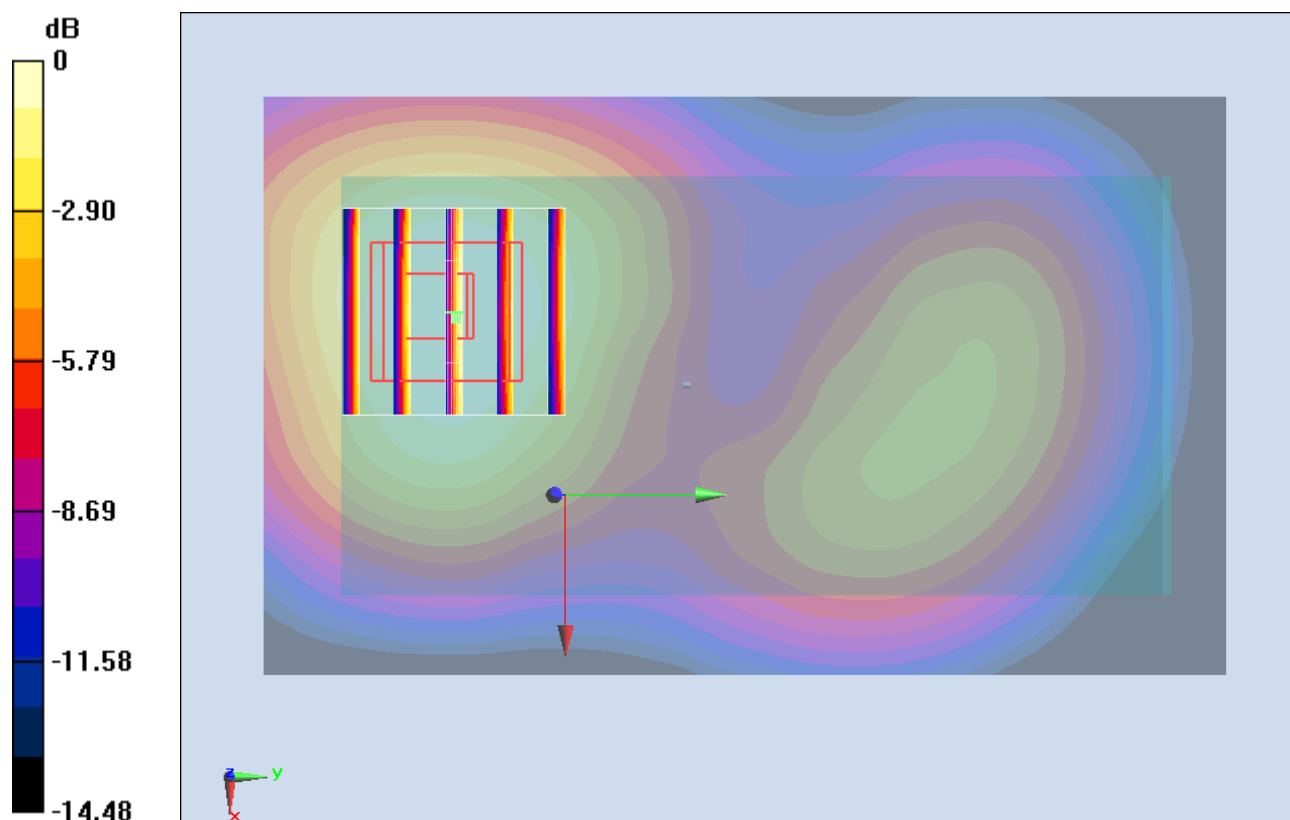
**Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.152 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.816 W/kg

**SAR(1 g) = 0.582 W/kg; SAR(10 g) = 0.372 W/kg**

Maximum value of SAR (measured) = 0.615 W/kg



0 dB = 0.615 W/kg = -2.11 dBW/kg

**#209\_LTE Band 17\_10M\_QPSK 1RB 49offset\_Front\_1cm\_Ch23790****DUT: 2O3103**

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

Medium: MSL\_750\_121208 Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.934$  mho/m;  $\epsilon_r = 54.844$ ;  $\rho =$

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

Ambient Temperature :  $22.3^\circ\text{C}$ ; Liquid Temperature :  $21.3^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch23790/Area Scan (61x101x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) =  $0.425 \text{ mW/g}$

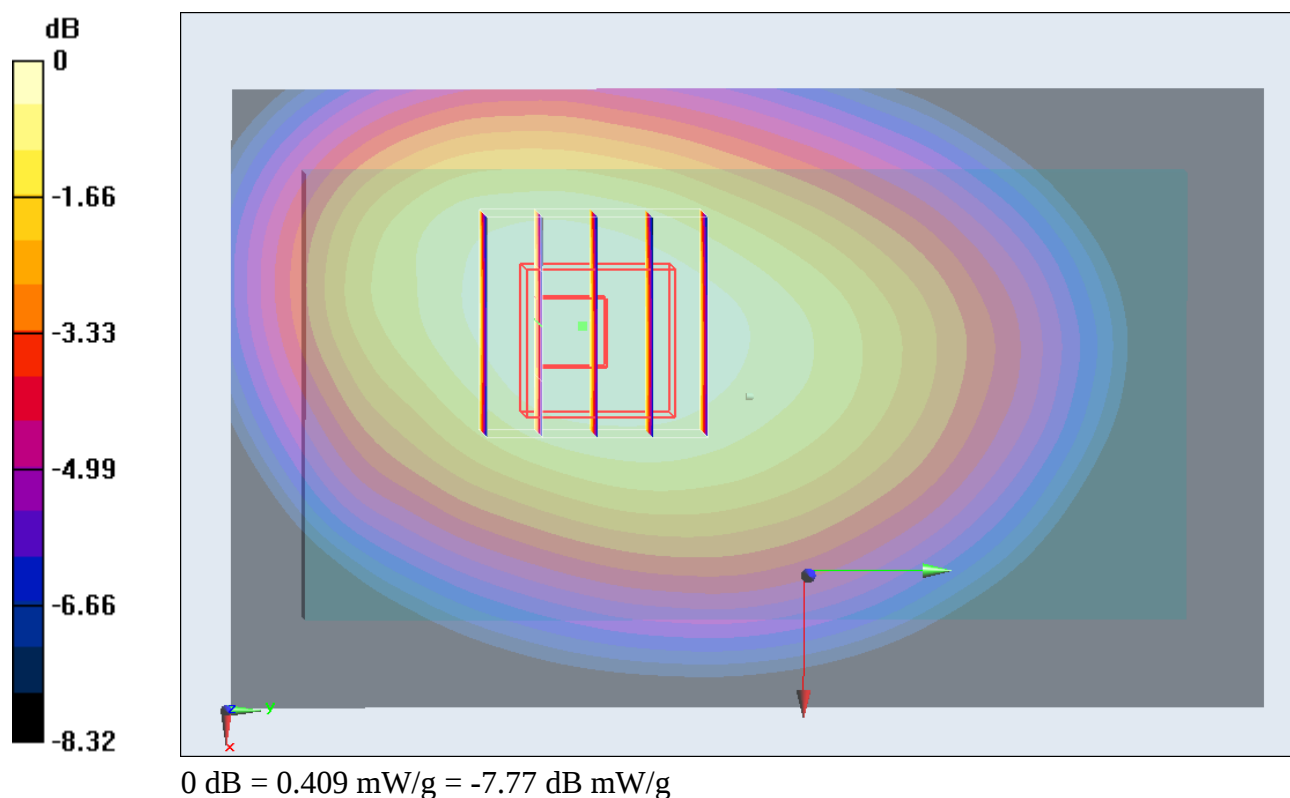
**Configuration/Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $21.448 \text{ V/m}$ ; Power Drift =  $0.07 \text{ dB}$

Peak SAR (extrapolated) =  $0.489 \text{ mW/g}$

**SAR(1 g) =  $0.388 \text{ mW/g}$ ; SAR(10 g) =  $0.294 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.409 \text{ mW/g}$



**#210\_LTE Band 17\_10M\_QPSK 25RB 0offset\_Front\_1cm\_Ch23780****DUT: 2O3103**

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_121208 Medium parameters used:  $f = 709$  MHz;  $\sigma = 0.933$  mho/m;  $\epsilon_r = 54.855$ ;  $\rho =$

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

Ambient Temperature :  $22.3^\circ\text{C}$ ; Liquid Temperature :  $21.3^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch23780/Area Scan (61x101x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) =  $0.293 \text{ mW/g}$

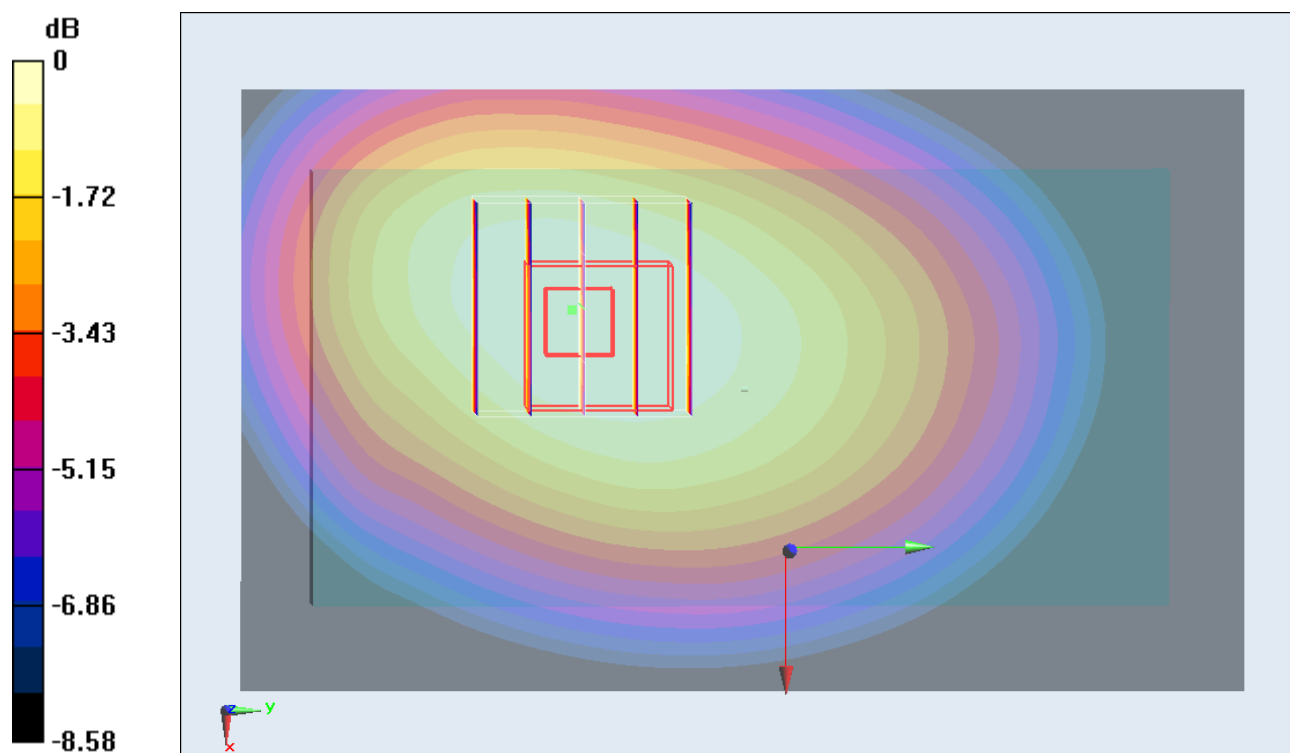
**Configuration/Ch23780/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $18.074 \text{ V/m}$ ; Power Drift =  $-0.03 \text{ dB}$

Peak SAR (extrapolated) =  $0.336 \text{ mW/g}$

**SAR(1 g) =  $0.270 \text{ mW/g}$ ; SAR(10 g) =  $0.205 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.282 \text{ mW/g}$



0 dB =  $0.282 \text{ mW/g}$  =  $-11.00 \text{ dB mW/g}$

**#211\_LTE Band 17\_10M\_QPSK 1RB 49offset\_Back\_1cm\_Ch23790****DUT: 2O3103**

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

Medium: MSL\_750\_121208 Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.934$  mho/m;  $\epsilon_r = 54.844$ ;  $\rho =$

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

Ambient Temperature :  $22.3^\circ\text{C}$ ; Liquid Temperature :  $21.3^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch23790/Area Scan (61x101x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.455 \text{ mW/g}$

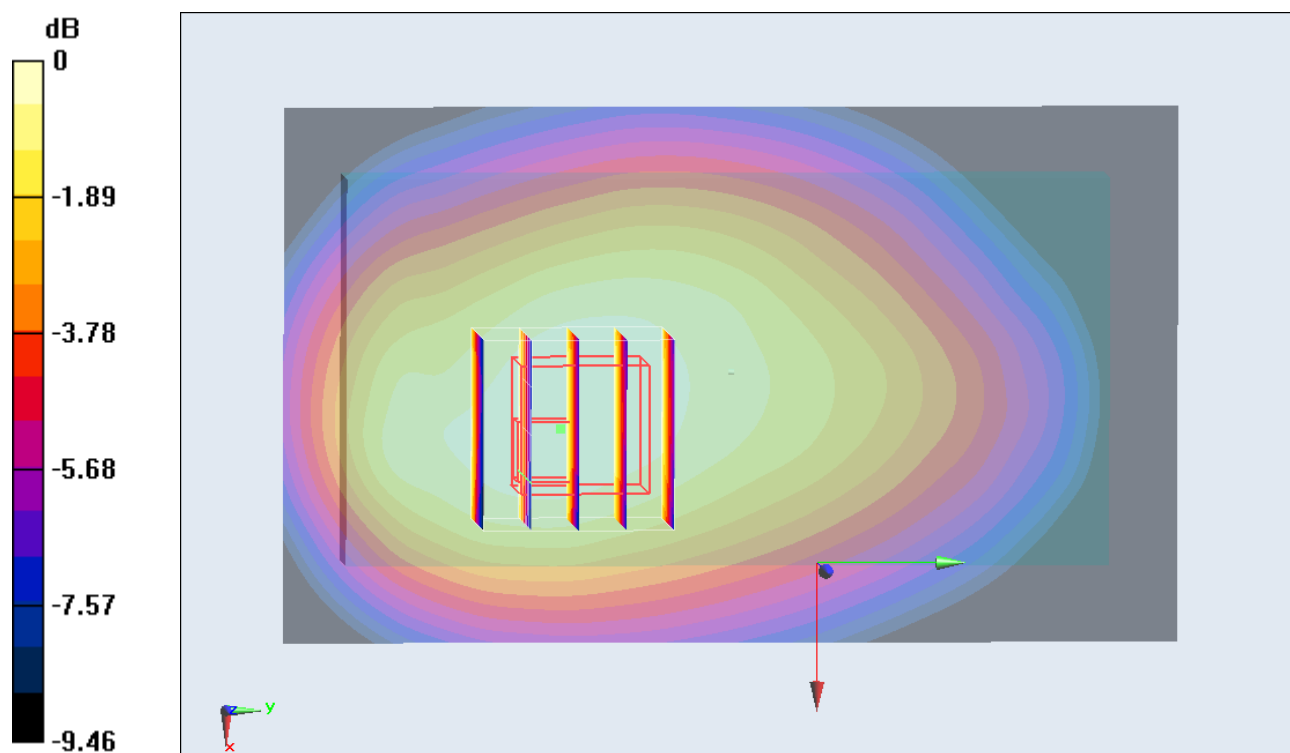
**Configuration/Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $22.589 \text{ V/m}$ ; Power Drift =  $0.02 \text{ dB}$

Peak SAR (extrapolated) =  $0.566 \text{ mW/g}$

**SAR(1 g) =  $0.419 \text{ mW/g}$ ; SAR(10 g) =  $0.310 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.440 \text{ mW/g}$



**#211\_LTE Band 17\_10M\_QPSK 1RB 49offset\_Back\_1cm\_Ch23790\_2D****DUT: 2O3103**

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

Medium: MSL\_750\_121208 Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.934$  mho/m;  $\epsilon_r = 54.844$ ;  $\rho =$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch23790/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.455 mW/g

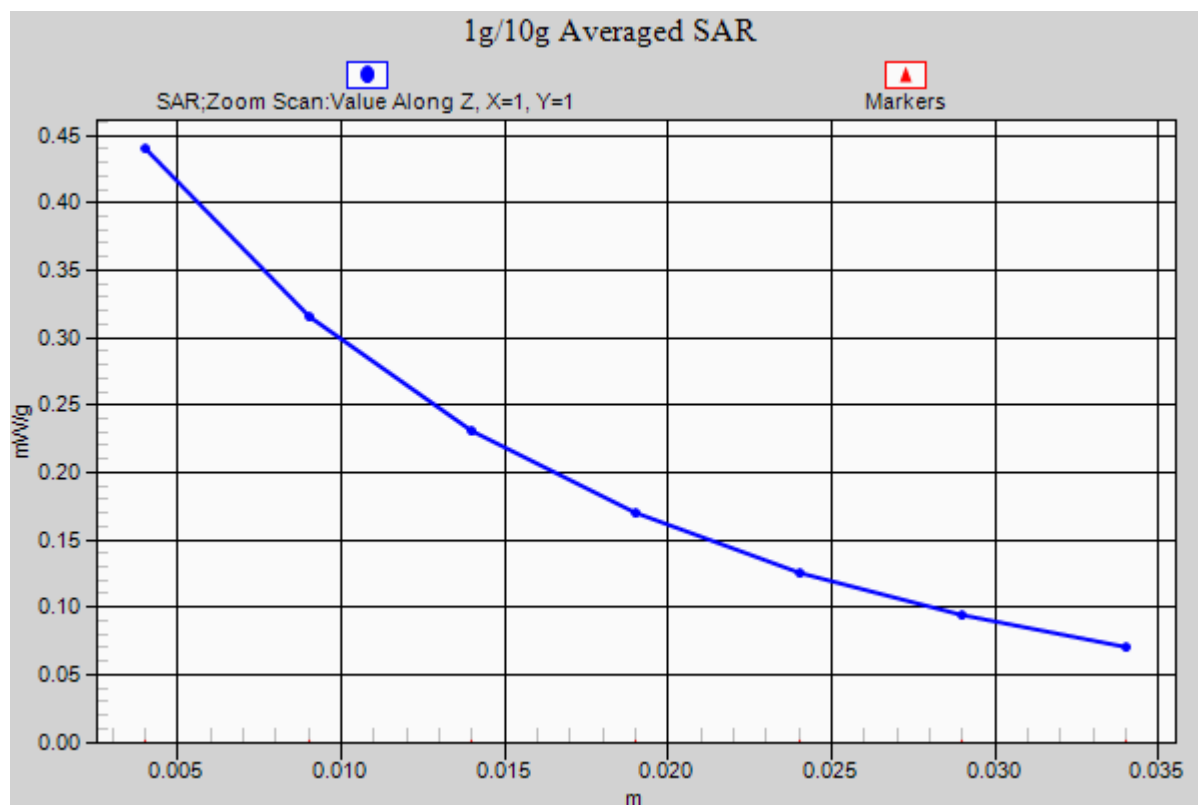
**Configuration/Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.589 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.566 mW/g

**SAR(1 g) = 0.419 mW/g; SAR(10 g) = 0.310 mW/g**

Maximum value of SAR (measured) = 0.440 mW/g



**#212\_LTE Band 17\_10M\_QPSK 25RB 0offset\_Back\_1cm\_Ch23780****DUT: 2O3103**

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_121208 Medium parameters used:  $f = 709$  MHz;  $\sigma = 0.933$  mho/m;  $\epsilon_r = 54.855$ ;  $\rho =$

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

Ambient Temperature :  $22.3^\circ\text{C}$ ; Liquid Temperature :  $21.3^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch23780/Area Scan (61x101x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.333 \text{ mW/g}$

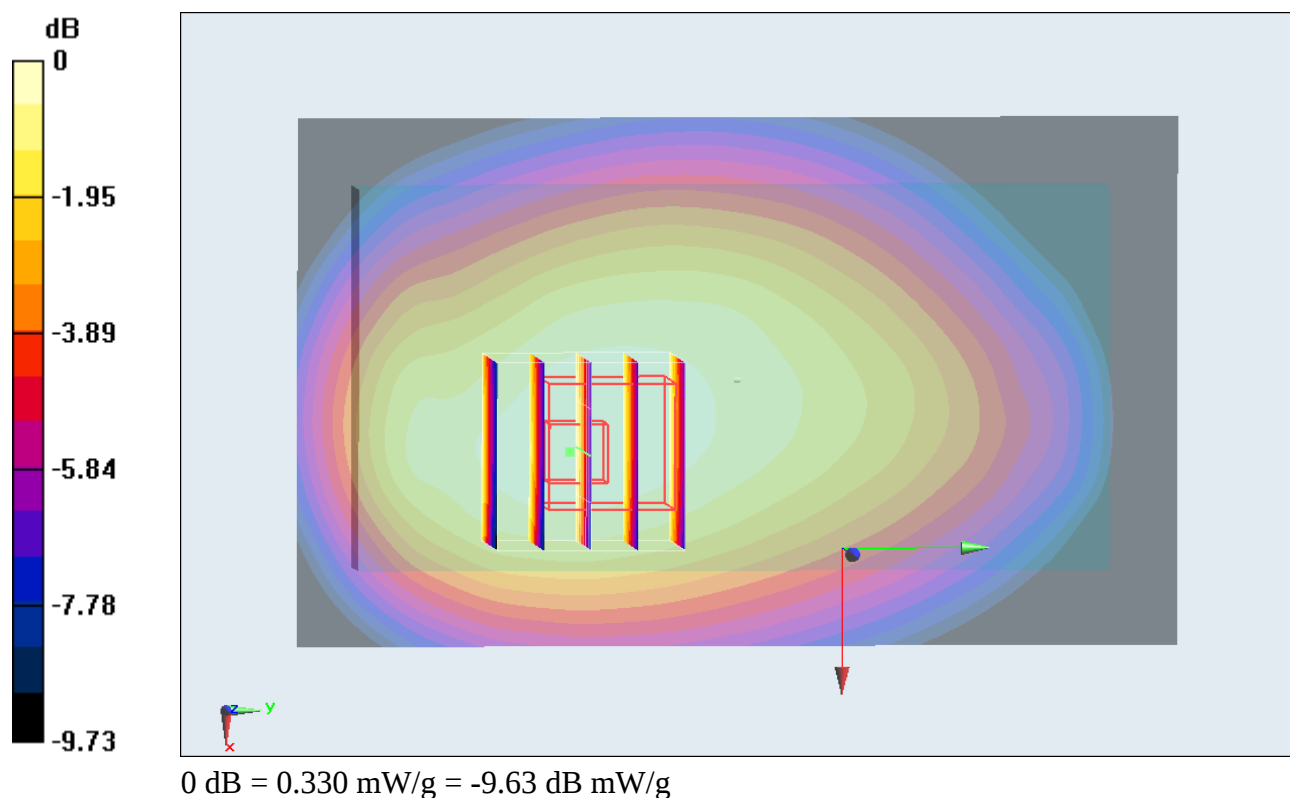
**Configuration/Ch23780/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $19.489 \text{ V/m}$ ; Power Drift =  $-0.03 \text{ dB}$

Peak SAR (extrapolated) =  $0.408 \text{ mW/g}$

**SAR(1 g) =  $0.311 \text{ mW/g}$ ; SAR(10 g) =  $0.231 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.330 \text{ mW/g}$



**#213\_LTE Band 17\_10M\_QPSK 1RB 49offset\_Left Side\_1cm\_Ch23790****DUT: 2O3103**

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

Medium: MSL\_750\_121208 Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.934$  mho/m;  $\epsilon_r = 54.844$ ;  $\rho =$

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

Ambient Temperature :  $22.3^\circ\text{C}$ ; Liquid Temperature :  $21.3^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch23790/Area Scan (61x101x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) =  $0.314 \text{ mW/g}$

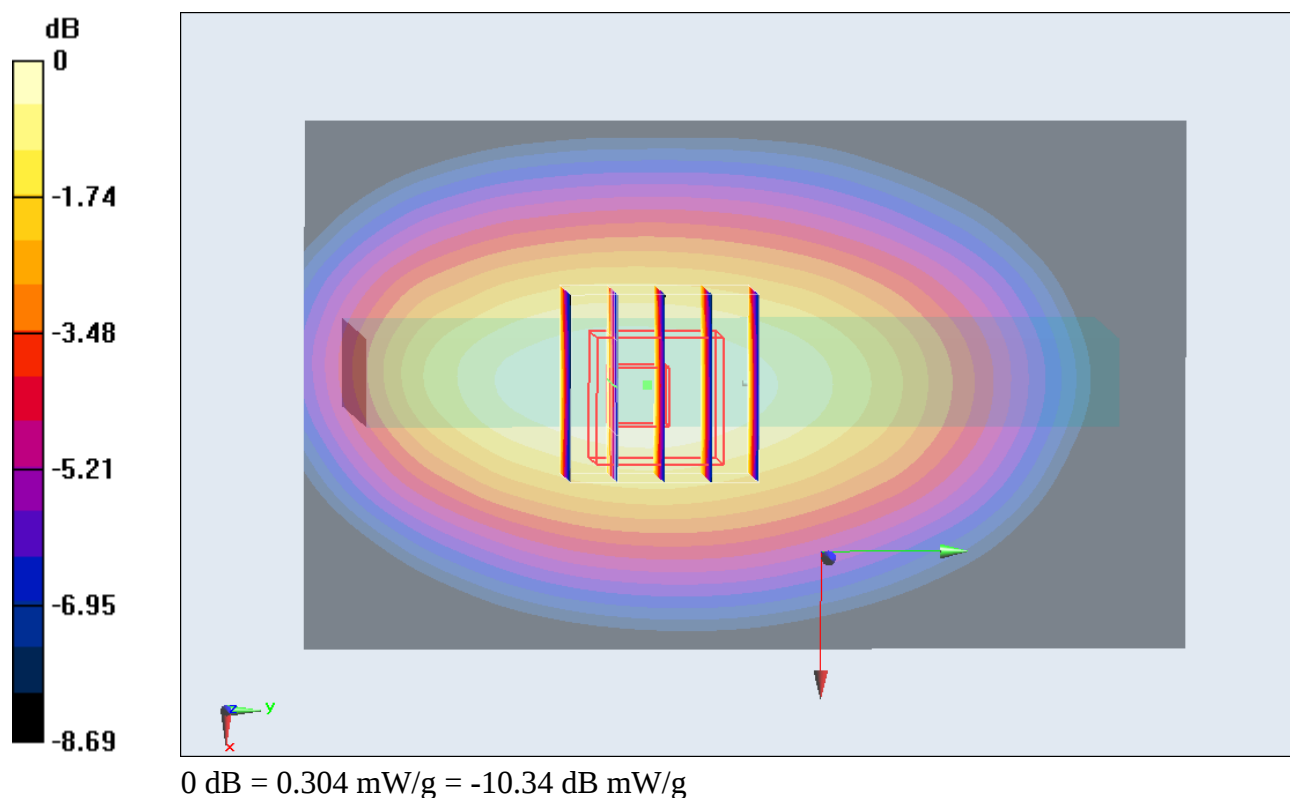
**Configuration/Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $18.711 \text{ V/m}$ ; Power Drift =  $0.09 \text{ dB}$

Peak SAR (extrapolated) =  $0.390 \text{ mW/g}$

**SAR(1 g) =  $0.289 \text{ mW/g}$ ; SAR(10 g) =  $0.206 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.304 \text{ mW/g}$



**#214\_LTE Band 17\_10M\_QPSK 25RB 0offset\_Left Side\_1cm\_Ch23780****DUT: 2O3103**

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_121208 Medium parameters used:  $f = 709$  MHz;  $\sigma = 0.933$  mho/m;  $\epsilon_r = 54.855$ ;  $\rho =$

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

Ambient Temperature :  $22.3^\circ\text{C}$ ; Liquid Temperature :  $21.3^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch23780/Area Scan (61x101x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) =  $0.221 \text{ mW/g}$

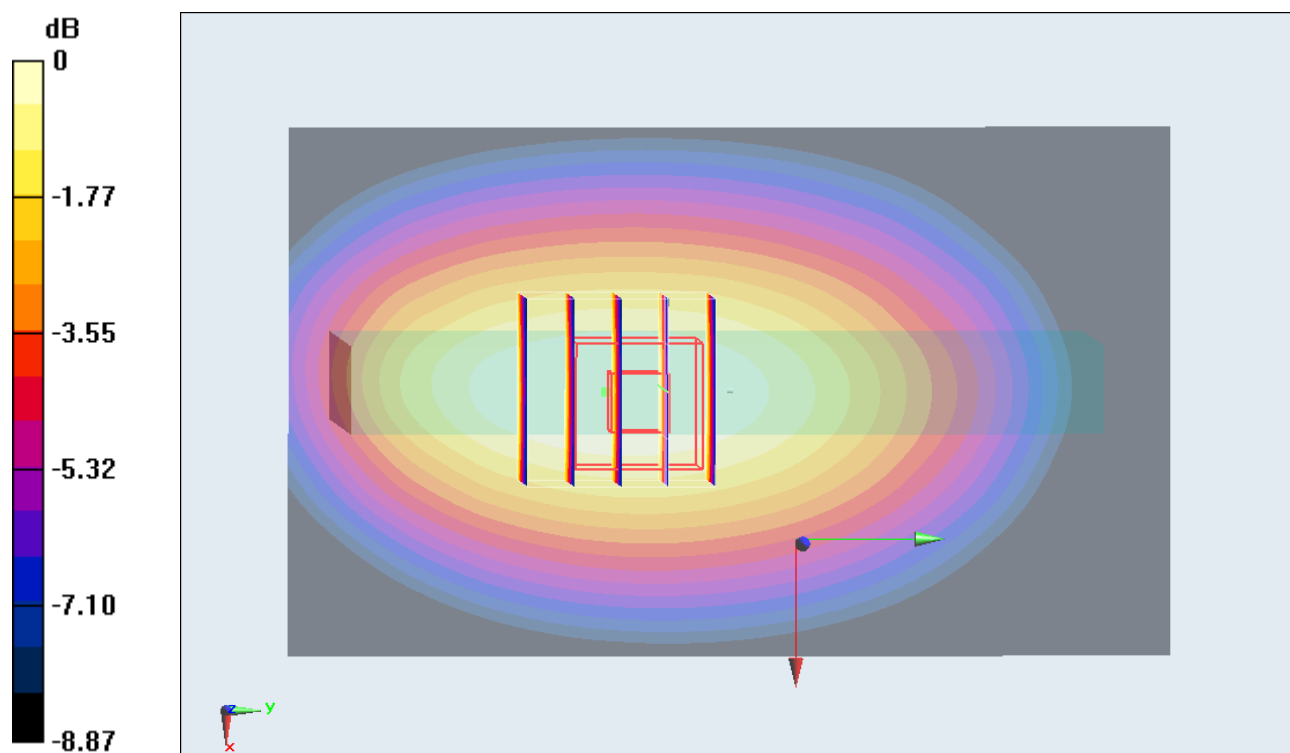
**Configuration/Ch23780/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $15.634 \text{ V/m}$ ; Power Drift =  $0.02 \text{ dB}$

Peak SAR (extrapolated) =  $0.267 \text{ mW/g}$

**SAR(1 g) =  $0.202 \text{ mW/g}$ ; SAR(10 g) =  $0.146 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.212 \text{ mW/g}$



0 dB =  $0.212 \text{ mW/g}$  =  $-13.47 \text{ dB mW/g}$

**#215\_LTE Band 17\_10M\_QPSK 1RB 49offset\_Right Side\_1cm\_Ch23790****DUT: 2O3103**

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

Medium: MSL\_750\_121208 Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.934$  mho/m;  $\epsilon_r = 54.844$ ;  $\rho =$

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

Ambient Temperature :  $22.3^\circ\text{C}$ ; Liquid Temperature :  $21.3^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch23790/Area Scan (61x101x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) =  $0.245 \text{ mW/g}$

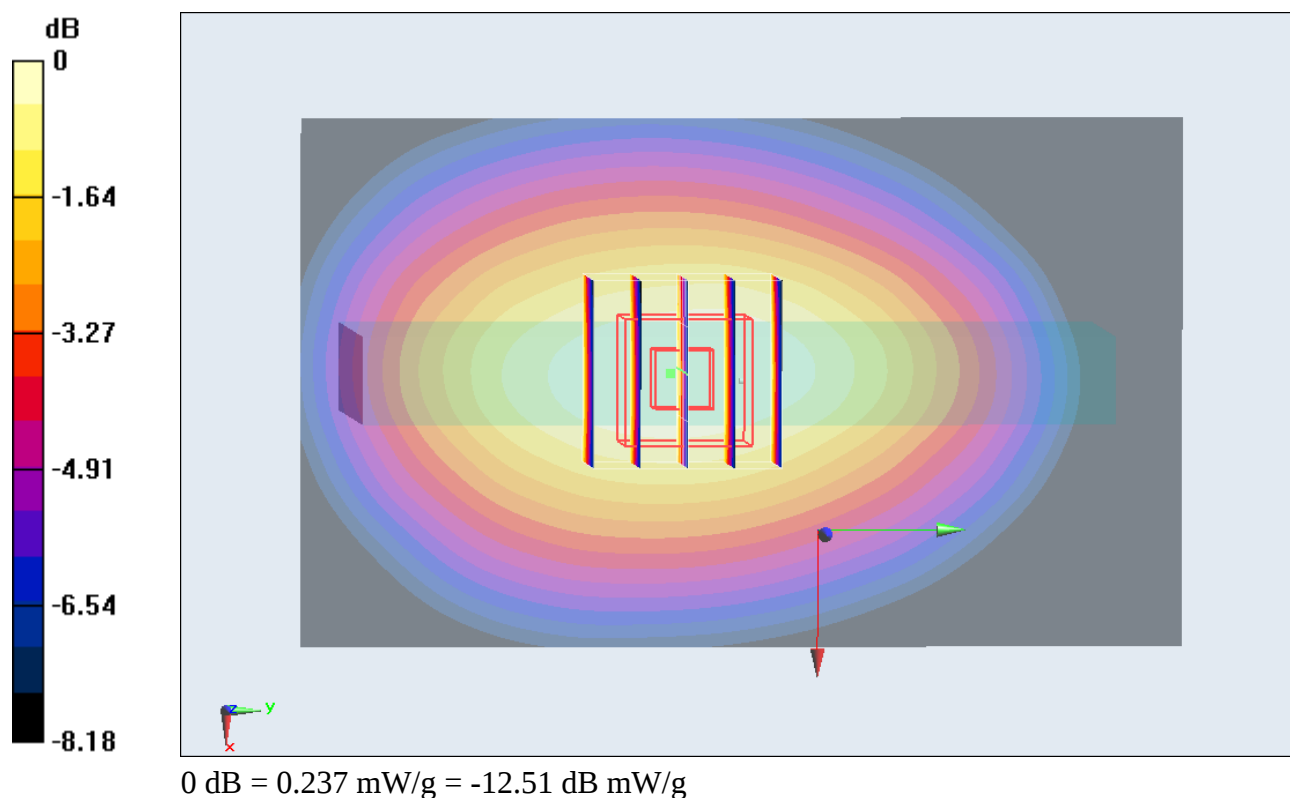
**Configuration/Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $16.606 \text{ V/m}$ ; Power Drift =  $-0.08 \text{ dB}$

Peak SAR (extrapolated) =  $0.291 \text{ mW/g}$

**SAR(1 g) =  $0.223 \text{ mW/g}$ ; SAR(10 g) =  $0.162 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.237 \text{ mW/g}$



**#216\_LTE Band 17\_10M\_QPSK 25RB 0offset\_Right Side\_1cm\_Ch23780****DUT: 2O3103**

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_121208 Medium parameters used:  $f = 709$  MHz;  $\sigma = 0.933$  mho/m;  $\epsilon_r = 54.855$ ;  $\rho =$

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

Ambient Temperature :  $22.3^\circ\text{C}$ ; Liquid Temperature :  $21.3^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch23780/Area Scan (61x101x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) =  $0.170 \text{ mW/g}$

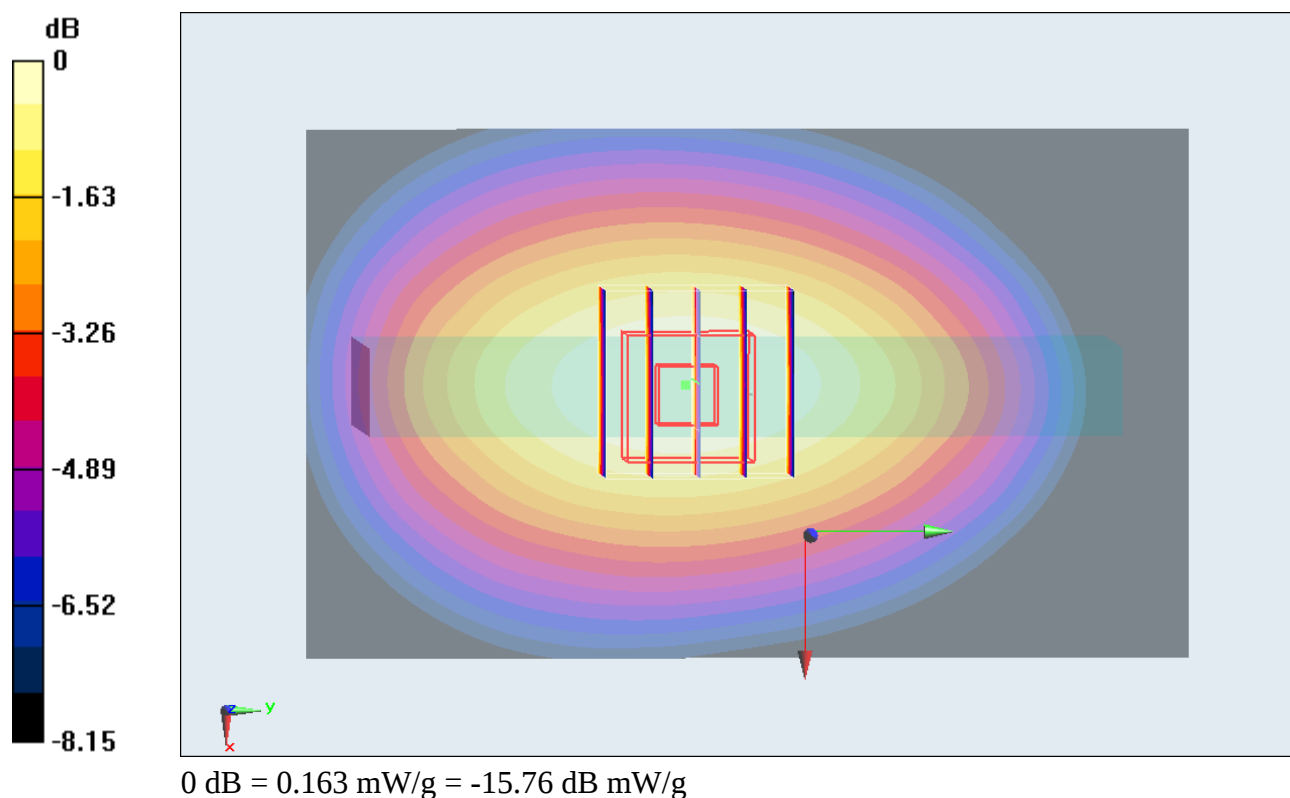
**Configuration/Ch23780/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $13.828 \text{ V/m}$ ; Power Drift =  $-0.10 \text{ dB}$

Peak SAR (extrapolated) =  $0.205 \text{ mW/g}$

**SAR(1 g) =  $0.156 \text{ mW/g}$ ; SAR(10 g) =  $0.114 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.163 \text{ mW/g}$



**#217\_LTE Band 17\_10M\_QPSK 1RB 49offset\_Bottom Side\_1cm\_Ch23790****DUT: 2O3103**

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

Medium: MSL\_750\_121208 Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.934$  mho/m;  $\epsilon_r = 54.844$ ;  $\rho =$

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

Ambient Temperature :  $22.3^\circ\text{C}$ ; Liquid Temperature :  $21.3^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch23790/Area Scan (61x101x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) =  $0.0564 \text{ mW/g}$

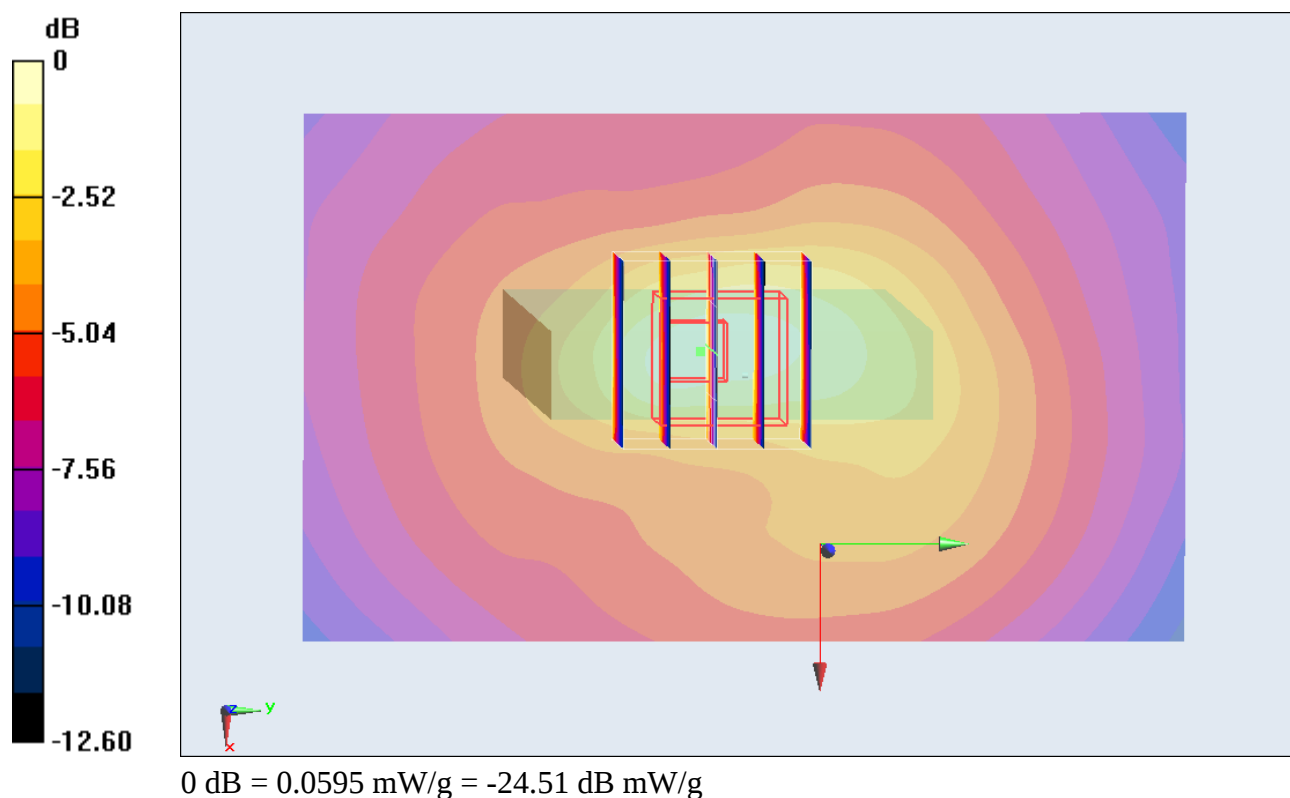
**Configuration/Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $8.217 \text{ V/m}$ ; Power Drift =  $0.14 \text{ dB}$

Peak SAR (extrapolated) =  $0.138 \text{ mW/g}$

**SAR(1 g) =  $0.056 \text{ mW/g}$ ; SAR(10 g) =  $0.031 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.0595 \text{ mW/g}$



**#218\_LTE Band 17\_10M\_QPSK 25RB 0offset\_Bottom Side\_1cm\_Ch23780****DUT: 2O3103**

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_121208 Medium parameters used:  $f = 709$  MHz;  $\sigma = 0.933$  mho/m;  $\epsilon_r = 54.855$ ;  $\rho =$

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

Ambient Temperature :  $22.3^\circ\text{C}$ ; Liquid Temperature :  $21.3^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch23780/Area Scan (61x101x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) =  $0.0377 \text{ mW/g}$

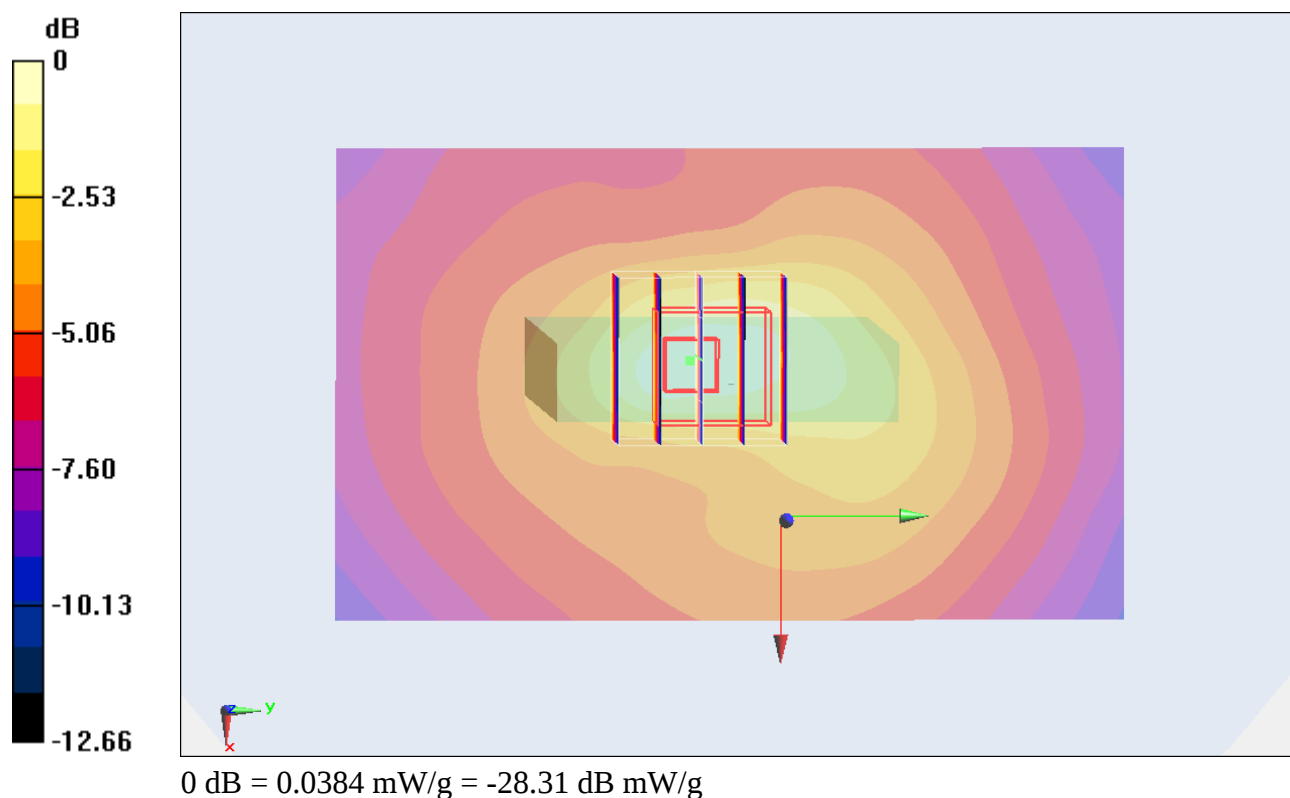
**Configuration/Ch23780/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $6.615 \text{ V/m}$ ; Power Drift =  $0.16 \text{ dB}$

Peak SAR (extrapolated) =  $0.089 \text{ mW/g}$

**SAR(1 g) =  $0.036 \text{ mW/g}$ ; SAR(10 g) =  $0.020 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.0384 \text{ mW/g}$



**#219\_LTE Band 17\_10M\_QPSK 1RB 49offset\_Back\_1cm\_Ch23790;Headset****DUT: 2O3103**

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

Medium: MSL\_750\_121208 Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.934$  mho/m;  $\epsilon_r = 54.844$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch23790/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.325 mW/g**Configuration/Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.484 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.439 mW/g

**SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.220 mW/g**

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

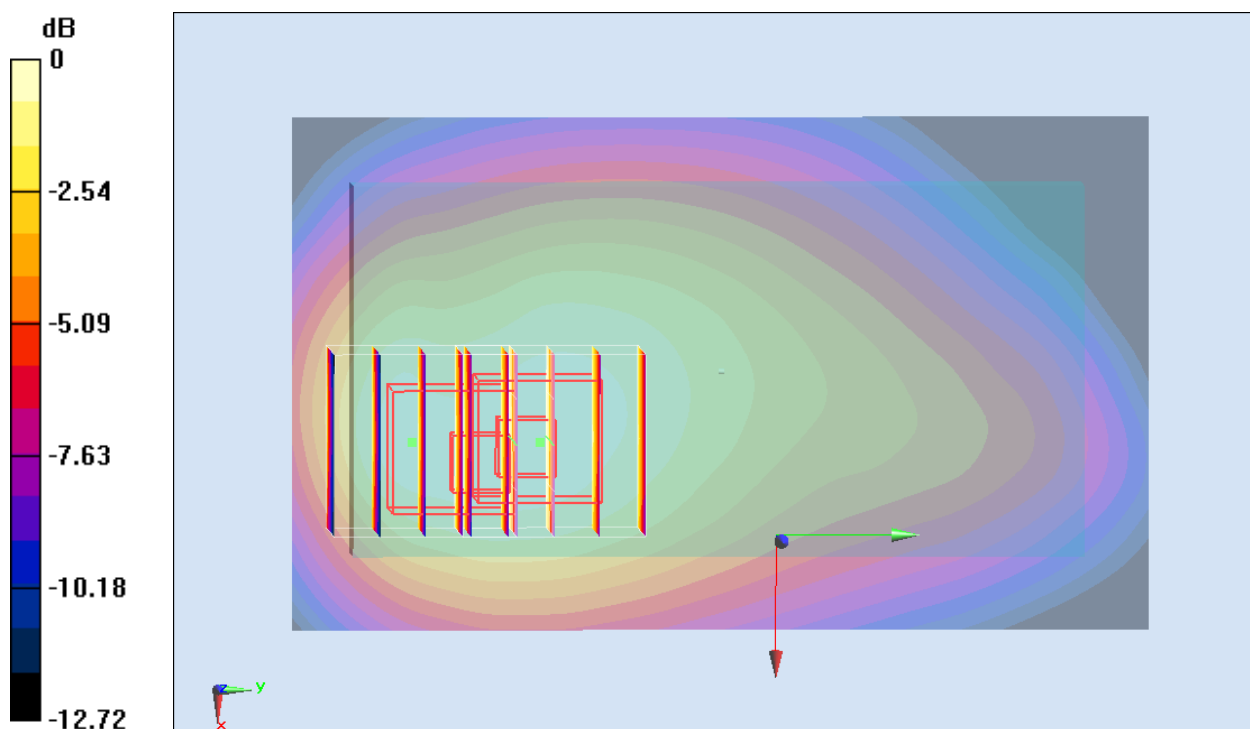
**Configuration/Ch23790/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.484 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.432 mW/g

**SAR(1 g) = 0.295 mW/g; SAR(10 g) = 0.193 mW/g**

Maximum value of SAR (measured) = 0.329 mW/g



0 dB = 0.329 mW/g = -9.66 dB mW/g

**#220\_LTE Band 17\_10M\_QPSK 25RB 0offset\_Back\_1cm\_Ch23780;Headset****DUT: 2O3103**

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_121208 Medium parameters used:  $f = 709$  MHz;  $\sigma = 0.933$  mho/m;  $\epsilon_r = 54.855$ ;  $\rho =$

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

Ambient Temperature :  $22.3^\circ\text{C}$ ; Liquid Temperature :  $21.3^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch23780/Area Scan (61x101x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.224 \text{ mW/g}$

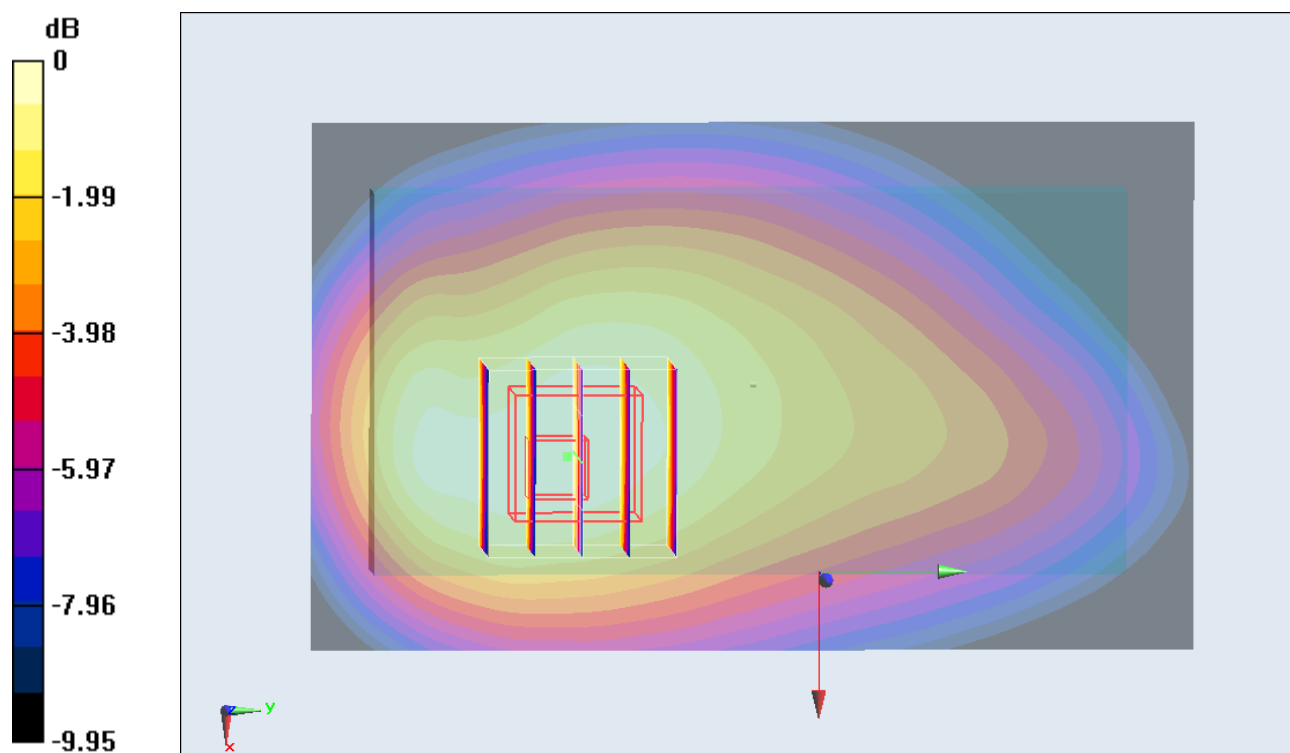
**Configuration/Ch23780/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $16.066 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.293 \text{ mW/g}$

**SAR(1 g) =  $0.212 \text{ mW/g}$ ; SAR(10 g) =  $0.151 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.223 \text{ mW/g}$



**#179\_LTE Band 5\_10M\_QPSK 1RB 49offset\_Front\_1cm\_Ch20525****DUT: 2O3103**

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

Medium: MSL\_850\_121207 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 54.552$ ;  $\rho$

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

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20525/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.671 mW/g

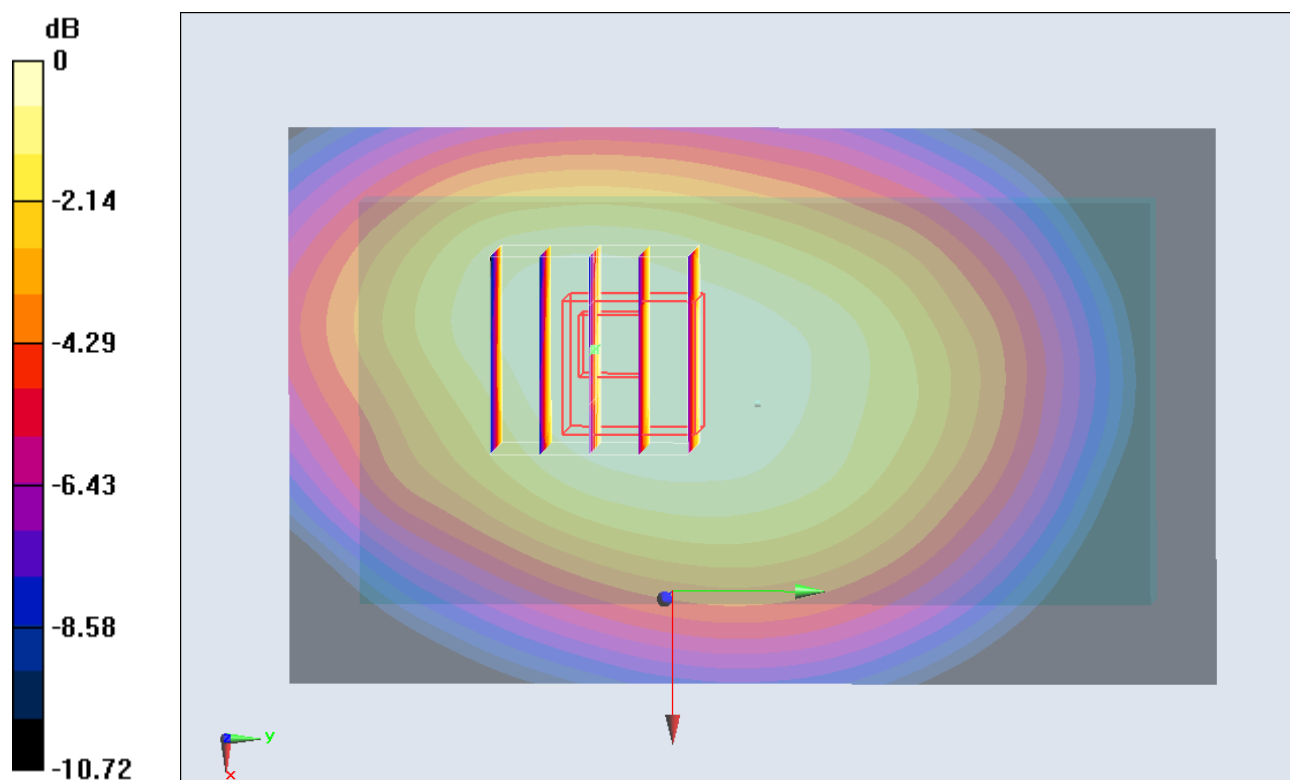
**Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.059 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.793 mW/g

**SAR(1 g) = 0.602 mW/g; SAR(10 g) = 0.451 mW/g**

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



0 dB = 0.640 mW/g = -3.88 dB mW/g

**#179\_LTE Band 5\_10M\_QPSK 1RB 49offset\_Front\_1cm\_Ch20525\_2D****DUT: 2O3103**

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

Medium: MSL\_850\_121207 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 54.552$ ;  $\rho$

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

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20525/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.671 mW/g

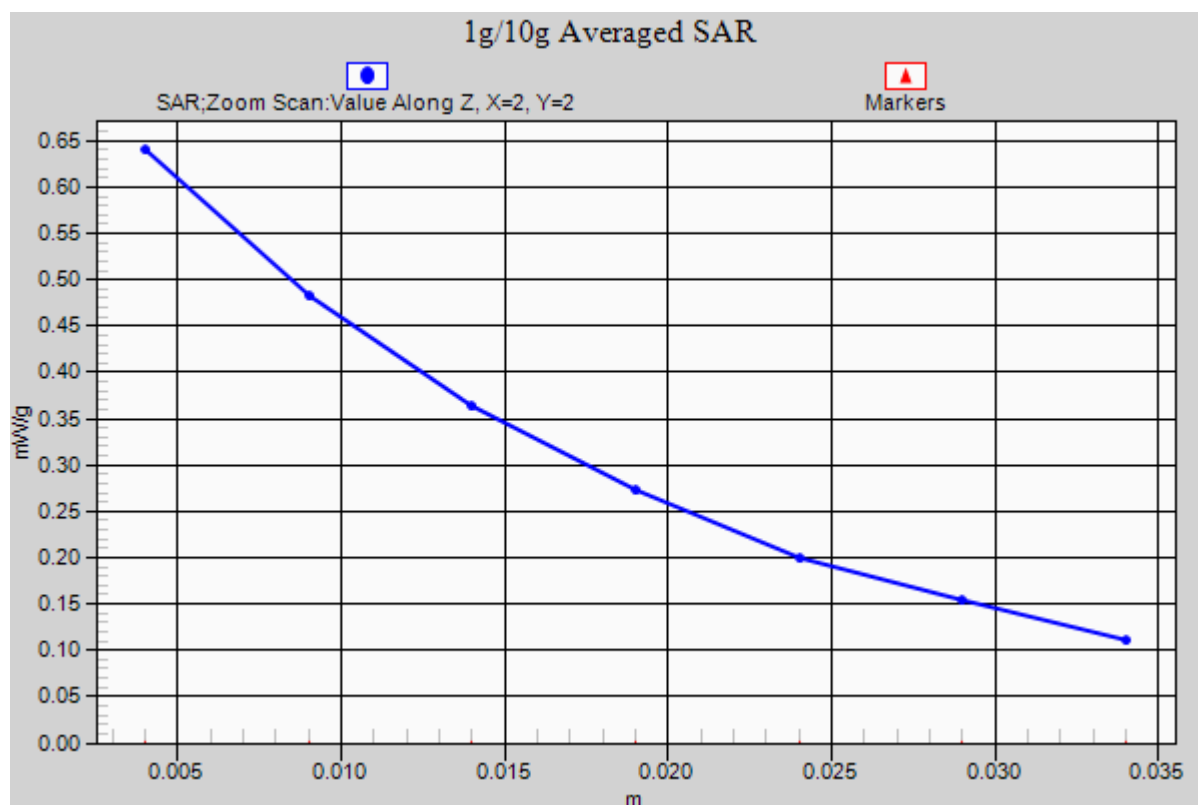
**Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.059 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.793 mW/g

**SAR(1 g) = 0.602 mW/g; SAR(10 g) = 0.451 mW/g**

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



**#180\_LTE Band 5\_10M\_QPSK 25RB 12offset\_Front\_1cm\_Ch20525****DUT: 2O3103**

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

Medium: MSL\_850\_121207 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 54.552$ ;  $\rho$

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

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20525/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.455 mW/g

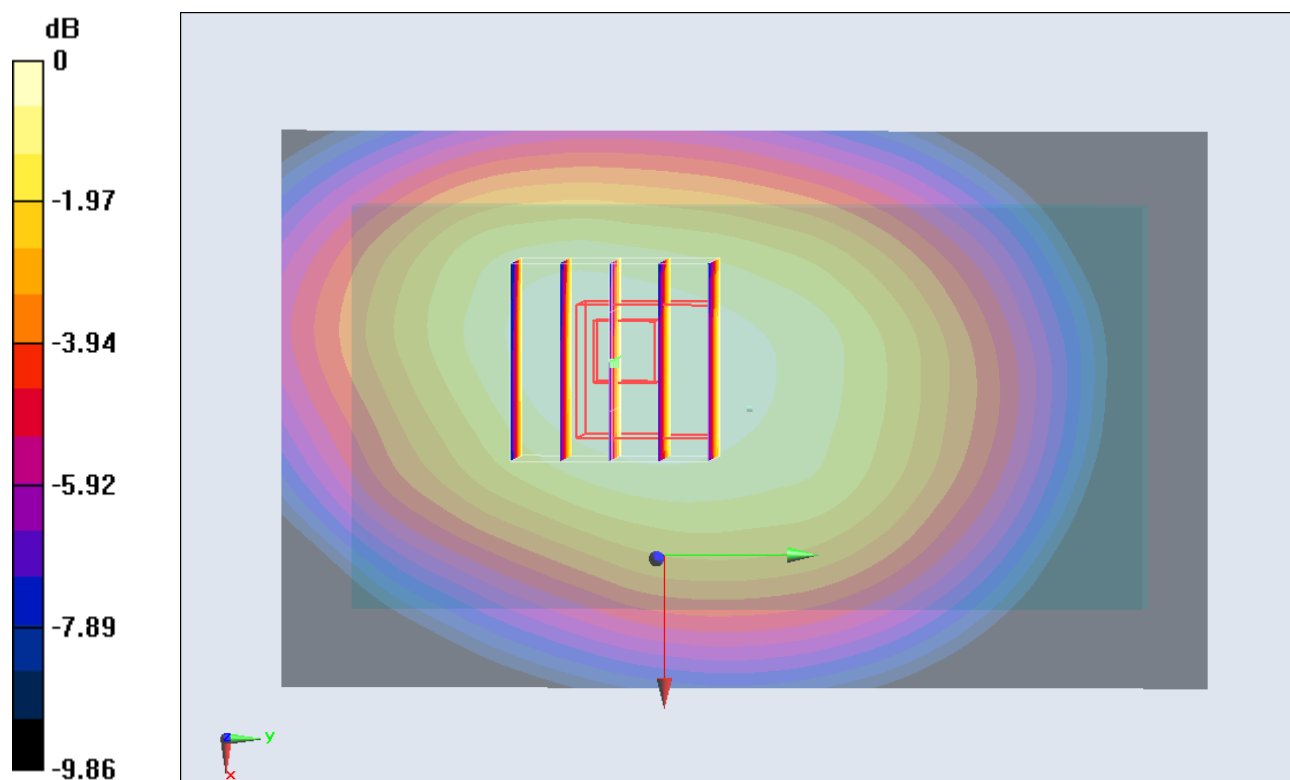
**Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.624 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.533 mW/g

**SAR(1 g) = 0.414 mW/g; SAR(10 g) = 0.309 mW/g**

Maximum value of SAR (measured) = 0.439 mW/g



## #181\_LTE Band 5\_10M\_QPSK 1RB 49offset\_Back\_1cm\_Ch20525

## DUT: 203103

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

Medium: MSL\_850\_121207 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 54.552$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

## DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20525/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.560 mW/g

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

Reference Value = 24.387 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.692 mW/g

**SAR(1 g) = 0.517 mW/g; SAR(10 g) = 0.383 mW/g**

Maximum value of SAR (measured) = 0.539 mW/g

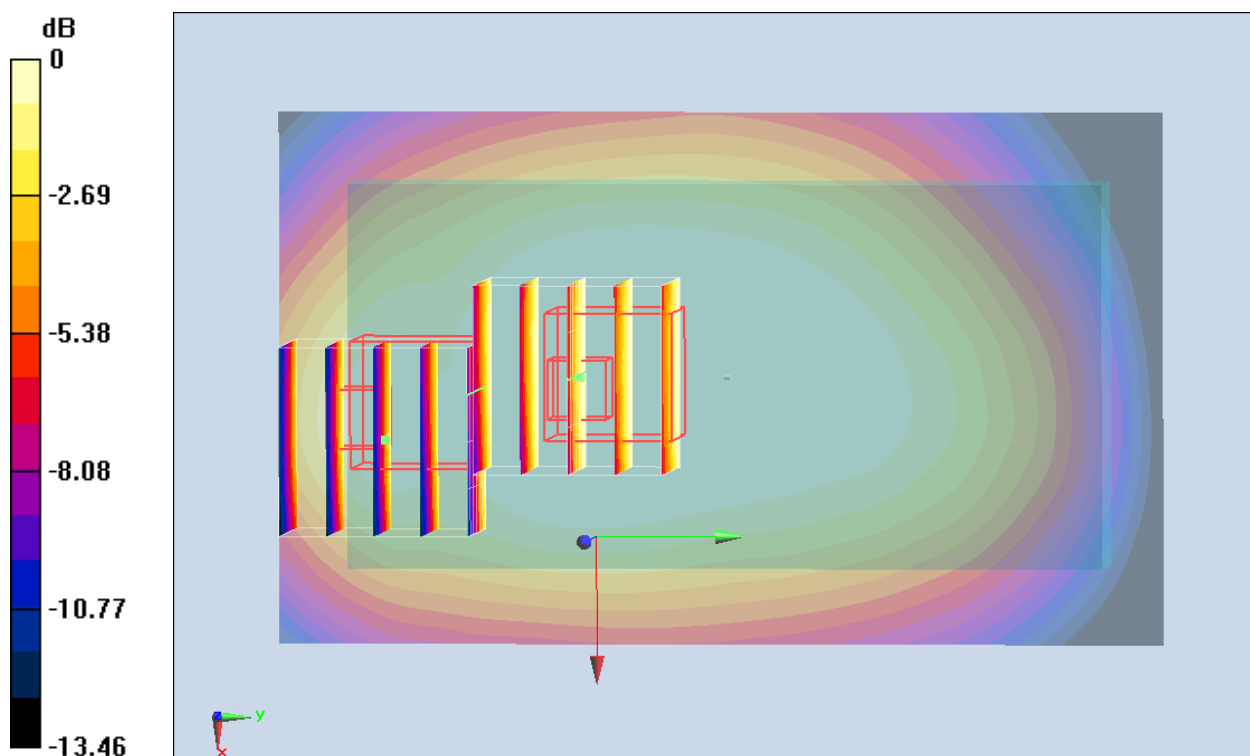
**Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.387 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.591 mW/g

**SAR(1 g) = 0.358 mW/g; SAR(10 g) = 0.228 mW/g**

Maximum value of SAR (measured) = 0.430 mW/g



0 dB = 0.430 mW/g = -7.33 dB mW/g

## #182\_LTE Band 5\_10M\_QPSK 25RB 12offset\_Back\_1cm\_Ch20525

## DUT: 203103

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

Medium: MSL\_850\_121207 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 54.552$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

## DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20525/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.399 mW/g

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

Reference Value = 20.345 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.487 mW/g

**SAR(1 g) = 0.368 mW/g; SAR(10 g) = 0.270 mW/g**

Maximum value of SAR (measured) = 0.386 mW/g

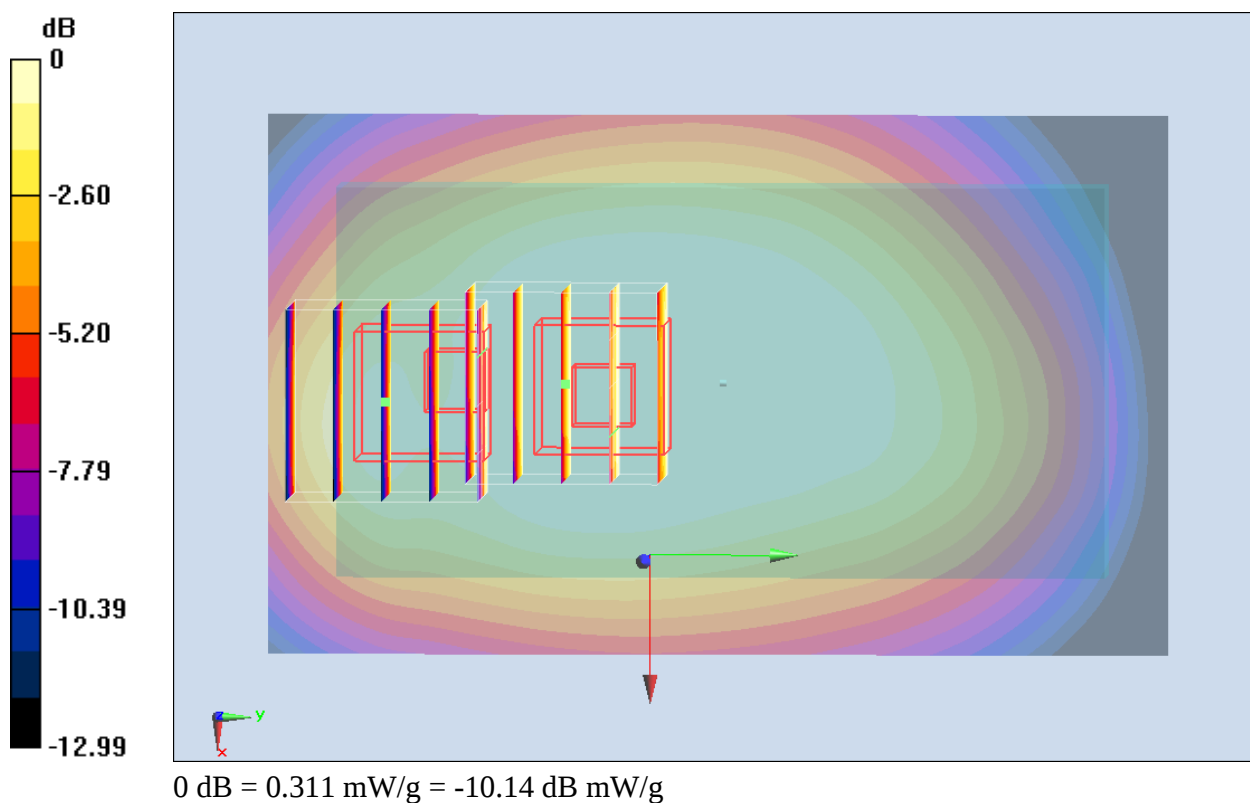
**Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.345 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.388 mW/g

**SAR(1 g) = 0.243 mW/g; SAR(10 g) = 0.158 mW/g**

Maximum value of SAR (measured) = 0.311 mW/g



**#183\_LTE Band 5\_10M\_QPSK 1RB 49offset\_Left Side\_1cm\_Ch20525****DUT: 2O3103**

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

Medium: MSL\_850\_121207 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 54.552$ ;  $\rho$

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

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20525/Area Scan (41x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.447 mW/g

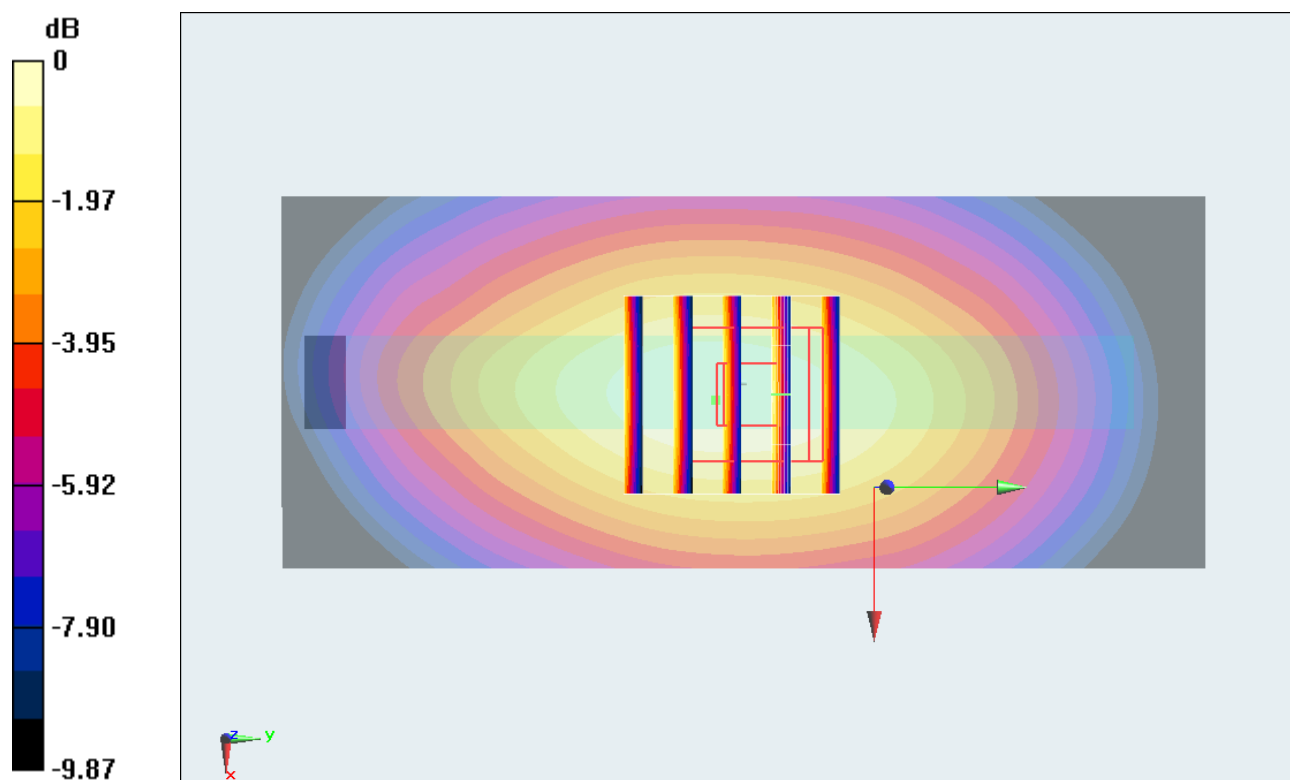
**Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.476 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.596 mW/g

**SAR(1 g) = 0.420 mW/g; SAR(10 g) = 0.287 mW/g**

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



**#184\_LTE Band 5\_10M\_QPSK 25RB 12offset\_Left Side\_1cm\_Ch20525****DUT: 2O3103**

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

Medium: MSL\_850\_121207 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 54.552$ ;  $\rho$

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

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20525/Area Scan (41x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.307 mW/g

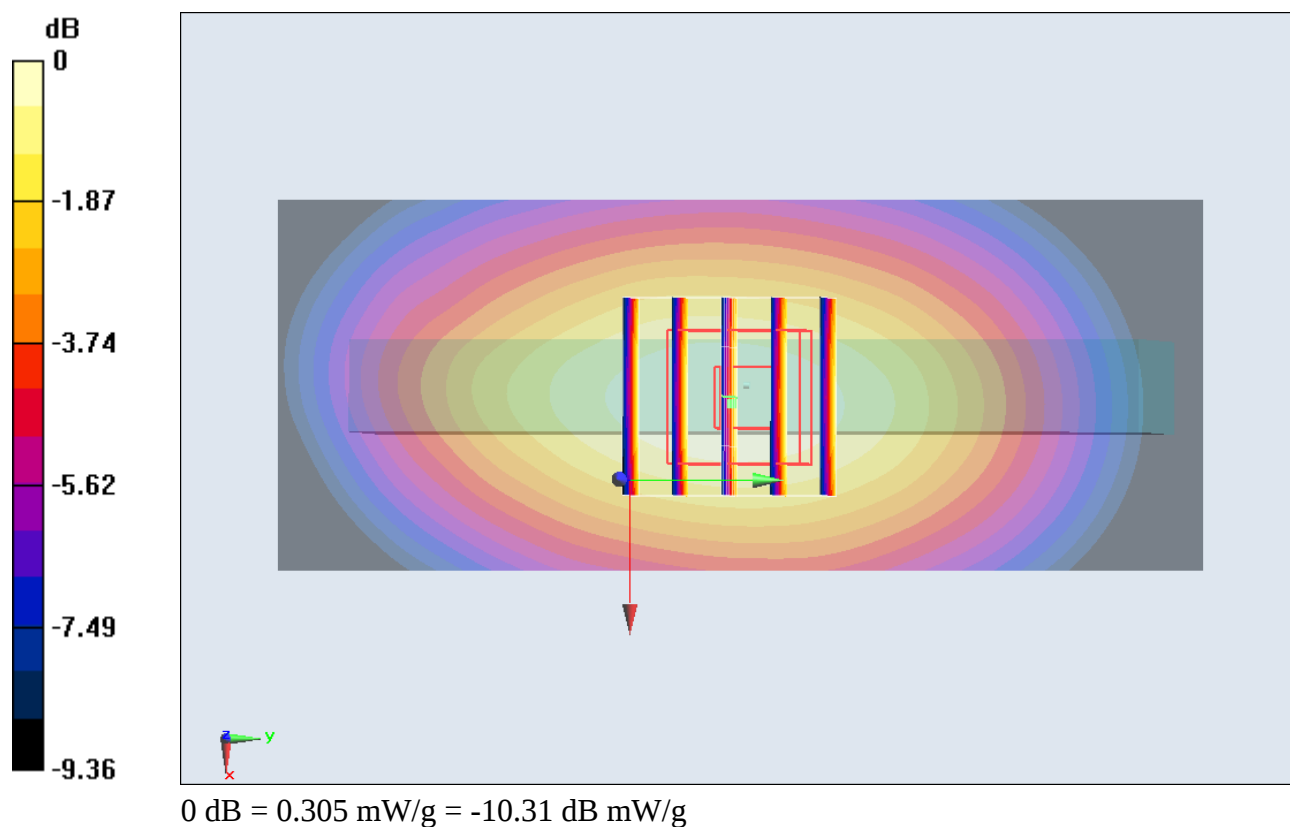
**Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.532 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.381 mW/g

**SAR(1 g) = 0.285 mW/g; SAR(10 g) = 0.201 mW/g**

Maximum value of SAR (measured) = 0.305 mW/g



**#185\_LTE Band 5\_10M\_QPSK 1RB 49offset\_Right Side\_1cm\_Ch20525****DUT: 2O3103**

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

Medium: MSL\_850\_121207 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 54.552$ ;  $\rho$

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

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20525/Area Scan (41x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.529 mW/g

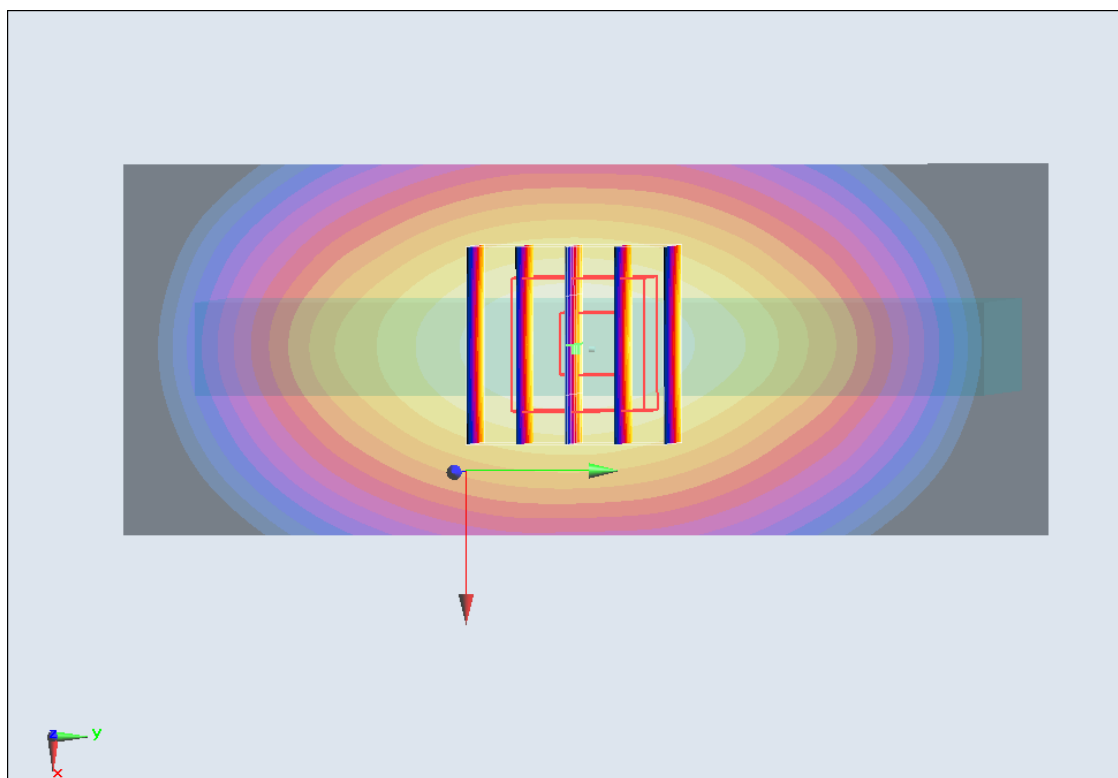
**Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.860 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.665 mW/g

**SAR(1 g) = 0.480 mW/g; SAR(10 g) = 0.332 mW/g**

Maximum value of SAR (measured) = 0.516 mW/g



0 dB = 0.516 mW/g = -5.75 dB mW/g

**#186\_LTE Band 5\_10M\_QPSK 25RB 12offset\_Right Side\_1cm\_Ch20525****DUT: 2O3103**

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

Medium: MSL\_850\_121207 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 54.552$ ;  $\rho$

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

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20525/Area Scan (41x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.352 mW/g

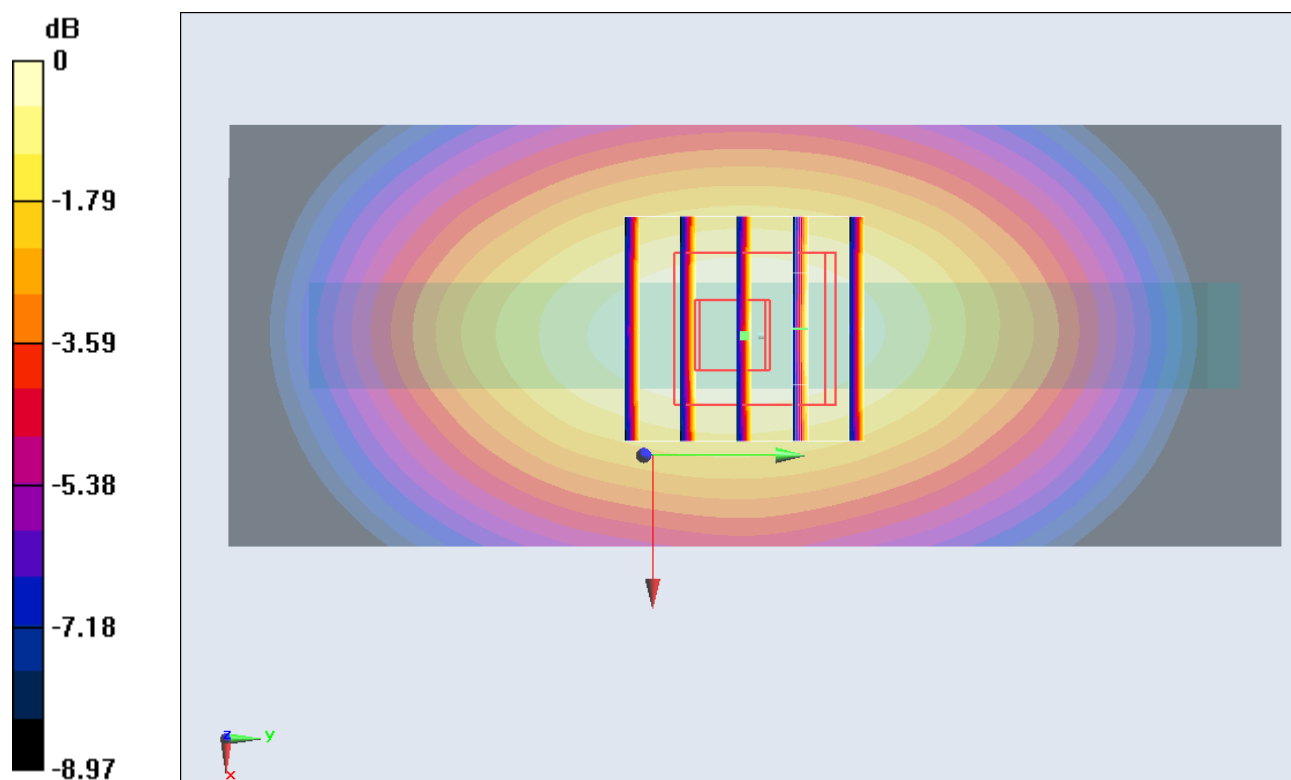
**Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.000 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.421 mW/g

**SAR(1 g) = 0.322 mW/g; SAR(10 g) = 0.230 mW/g**

Maximum value of SAR (measured) = 0.342 mW/g



**#189\_LTE Band 5\_10M\_QPSK 1RB 49offset\_Bottom Side\_1cm\_Ch20525****DUT: 2O3103**

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

Medium: MSL\_850\_121207 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 54.552$ ;  $\rho$

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

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20525/Area Scan (41x61x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.113 mW/g

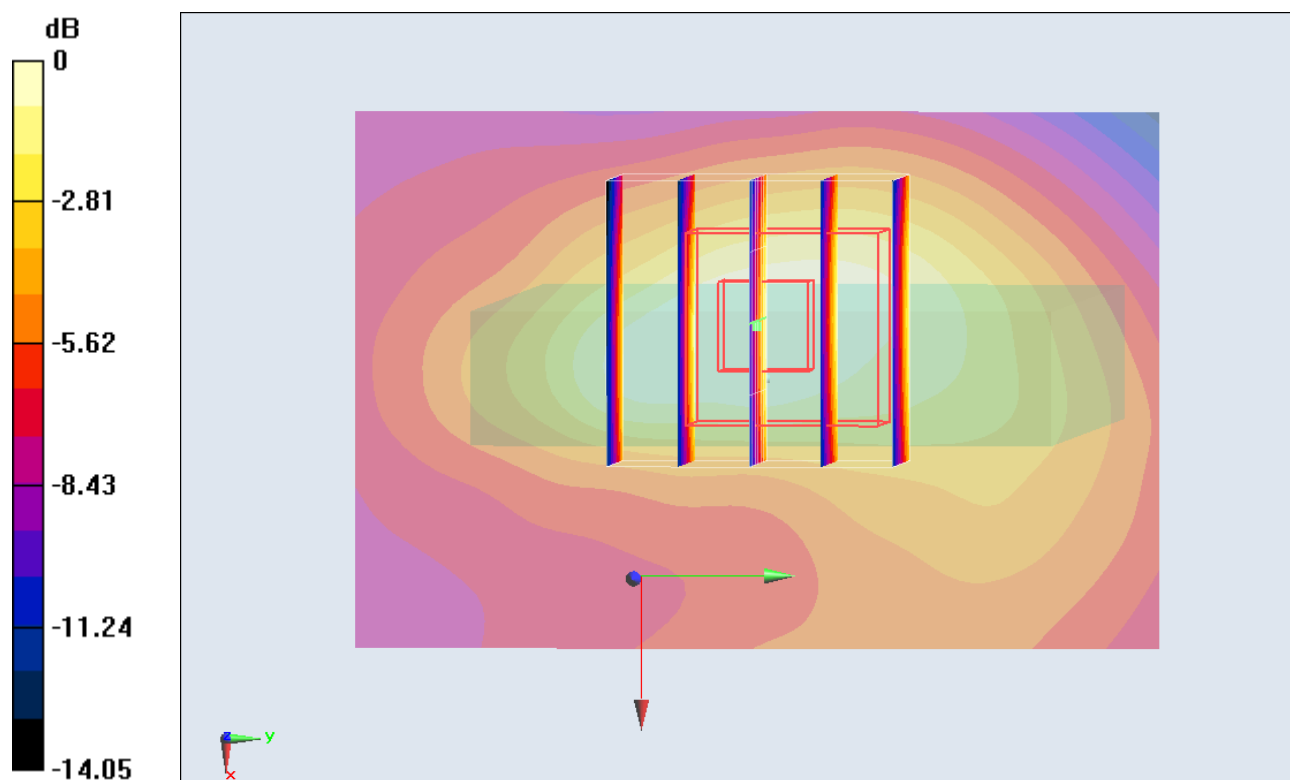
**Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.071 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.179 mW/g

**SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.057 mW/g**

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



0 dB = 0.106 mW/g = -19.49 dB mW/g

**#190\_LTE Band 5\_10M\_QPSK 25RB 12offset\_Bottom Side\_1cm\_Ch20525****DUT: 2O3103**

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

Medium: MSL\_850\_121207 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 54.552$ ;  $\rho$

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

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20525/Area Scan (41x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0624 mW/g

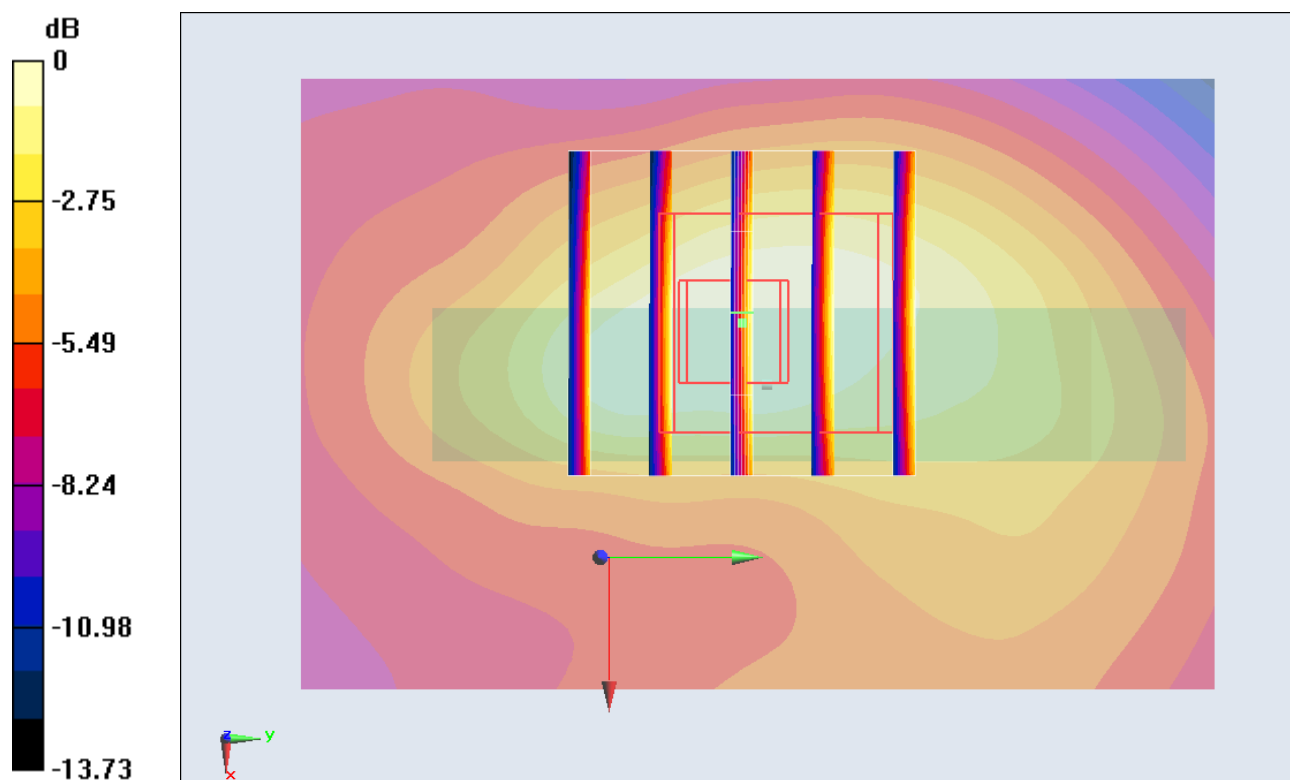
**Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.355 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.111 mW/g

**SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.032 mW/g**

Maximum value of SAR (measured) = 0.0589 mW/g



0 dB = 0.0589 mW/g = -24.60 dB mW/g

**#191\_LTE Band 5\_10M\_QPSK 1RB 49offset\_Back\_1cm\_Ch20525;Headset****DUT: 2O3103**

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

Medium: MSL\_850\_121207 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 54.552$ ;  $\rho$

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

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20525/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.597 mW/g

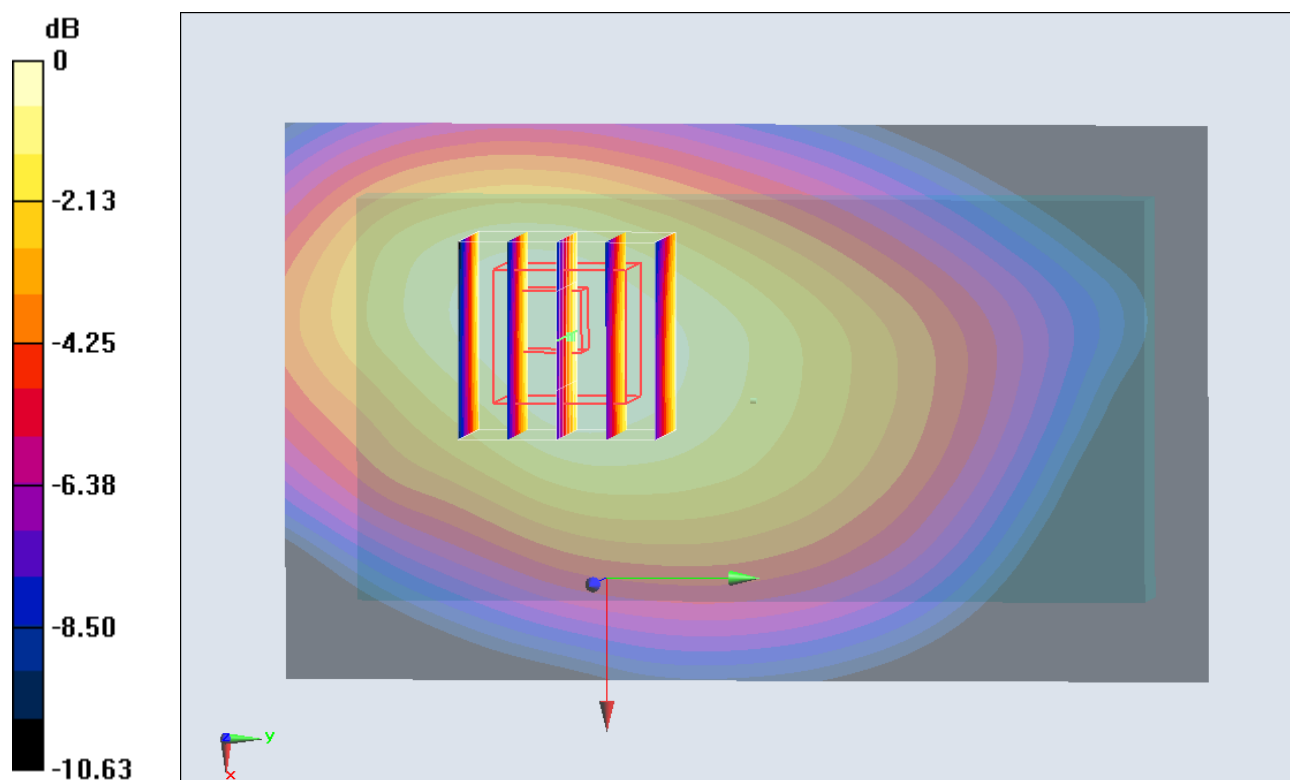
**Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.288 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.740 mW/g

**SAR(1 g) = 0.544 mW/g; SAR(10 g) = 0.378 mW/g**

Maximum value of SAR (measured) = 0.571 mW/g



0 dB = 0.571 mW/g = -4.87 dB mW/g

**#192\_LTE Band 5\_10M\_QPSK 25RB 12offset\_Front\_1cm\_Ch20525;Headset****DUT: 2O3103**

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

Medium: MSL\_850\_121207 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 54.552$ ;  $\rho$

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

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20525/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.375 mW/g

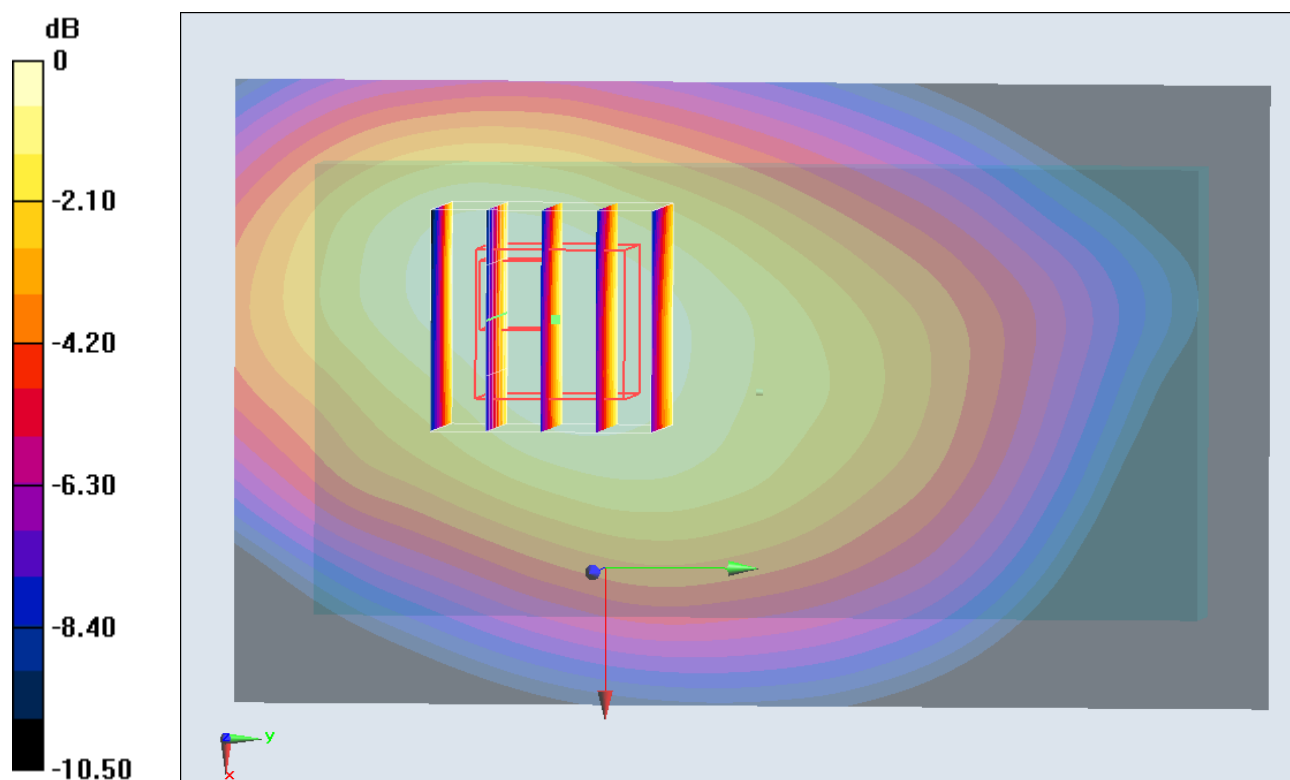
**Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.588 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.457 mW/g

**SAR(1 g) = 0.331 mW/g; SAR(10 g) = 0.236 mW/g**

Maximum value of SAR (measured) = 0.351 mW/g



**#151\_LTE Band 4\_20M\_QPSK 1RB 0offset\_Front\_1cm\_Ch20175****DUT: 2O3103**

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

Medium: MSL\_1750\_121207 Medium parameters used :  $f = 1732.5$  MHz;  $\sigma = 1.521$  mho/m;  $\epsilon_r = 51.704$ ;

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20175/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.631 mW/g

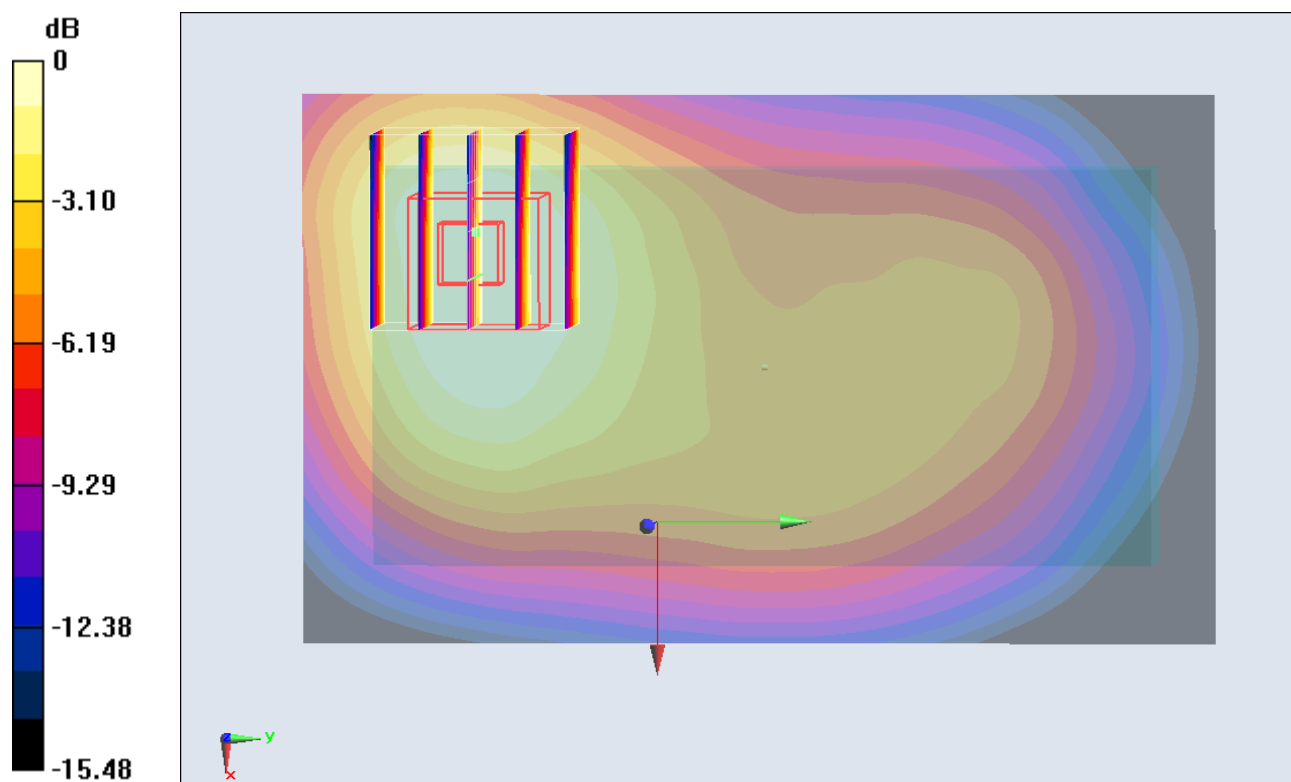
**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.446 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.764 mW/g

**SAR(1 g) = 0.545 mW/g; SAR(10 g) = 0.352 mW/g**

Maximum value of SAR (measured) = 0.582 mW/g



0 dB = 0.582 mW/g = -4.70 dB mW/g

**#152\_LTE Band 4\_20M\_QPSK 50RB 0offset\_Front\_1cm\_Ch20300****DUT: 2O3103**

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

Medium: MSL\_1750\_121207 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.535$  mho/m;  $\epsilon_r = 51.635$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20300/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.588 mW/g

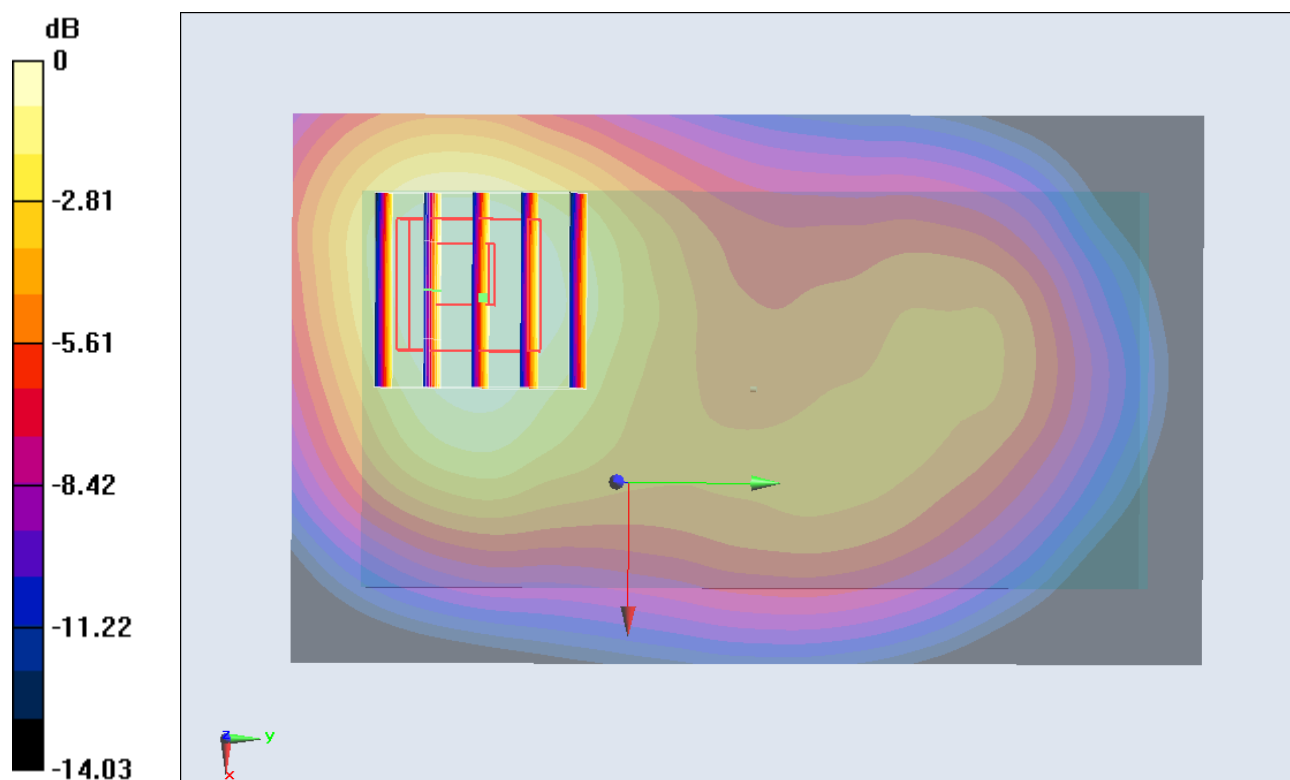
**Configuration/Ch20300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.982 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.704 mW/g

**SAR(1 g) = 0.499 mW/g; SAR(10 g) = 0.318 mW/g**

Maximum value of SAR (measured) = 0.526 mW/g



0 dB = 0.526 mW/g = -5.58 dB mW/g

**#153\_LTE Band 4\_20M\_QPSK 1RB 0offset\_Back\_1cm\_Ch20175****DUT: 2O3103**

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

Medium: MSL\_1750\_121207 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.521$  mho/m;  $\epsilon_r = 51.704$ ;

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20175/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.678 mW/g

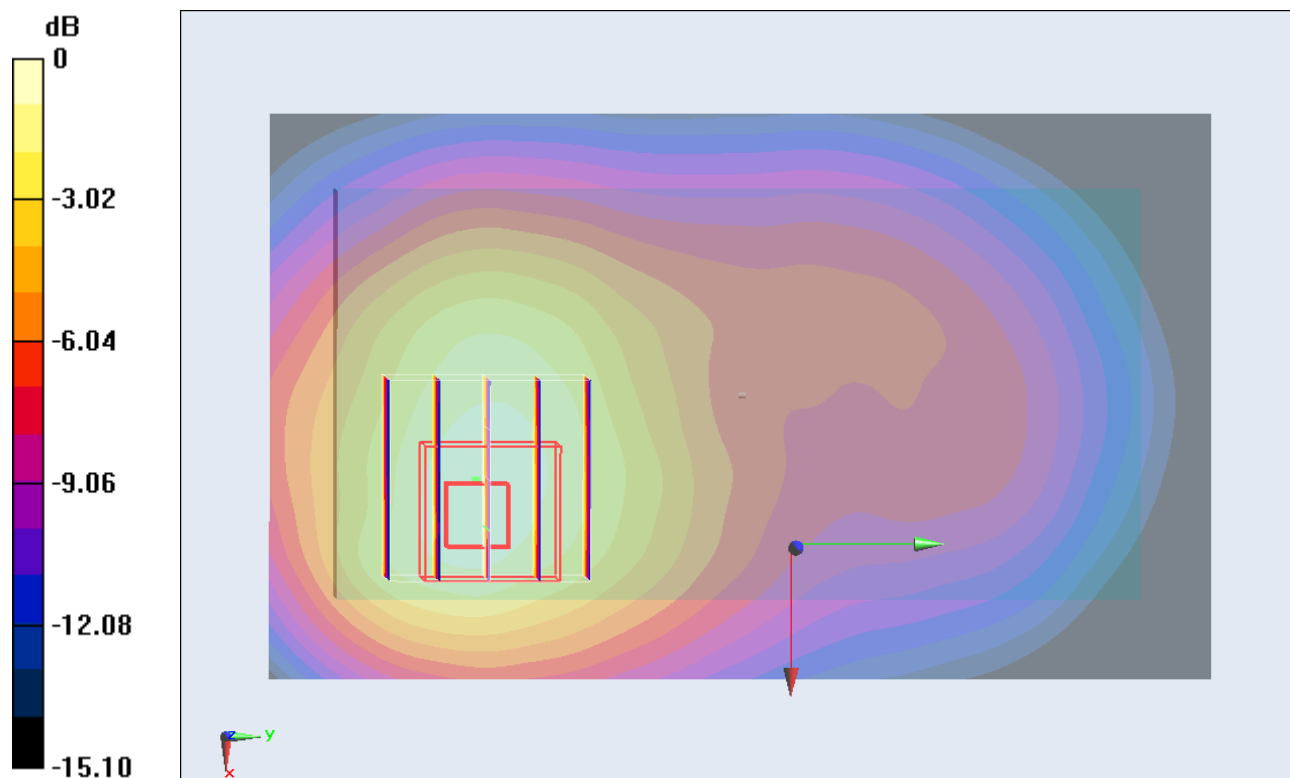
**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.040 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.926 mW/g

**SAR(1 g) = 0.649 mW/g; SAR(10 g) = 0.395 mW/g**

Maximum value of SAR (measured) = 0.705 mW/g



0 dB = 0.705 mW/g = -3.04 dB mW/g

**#153\_LTE Band 4\_20M\_QPSK 1RB 0offset\_Back\_1cm\_Ch20175\_2D****DUT: 2O3103**

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

Medium: MSL\_1750\_121207 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.521$  mho/m;  $\epsilon_r = 51.704$ ;

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20175/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.678 mW/g

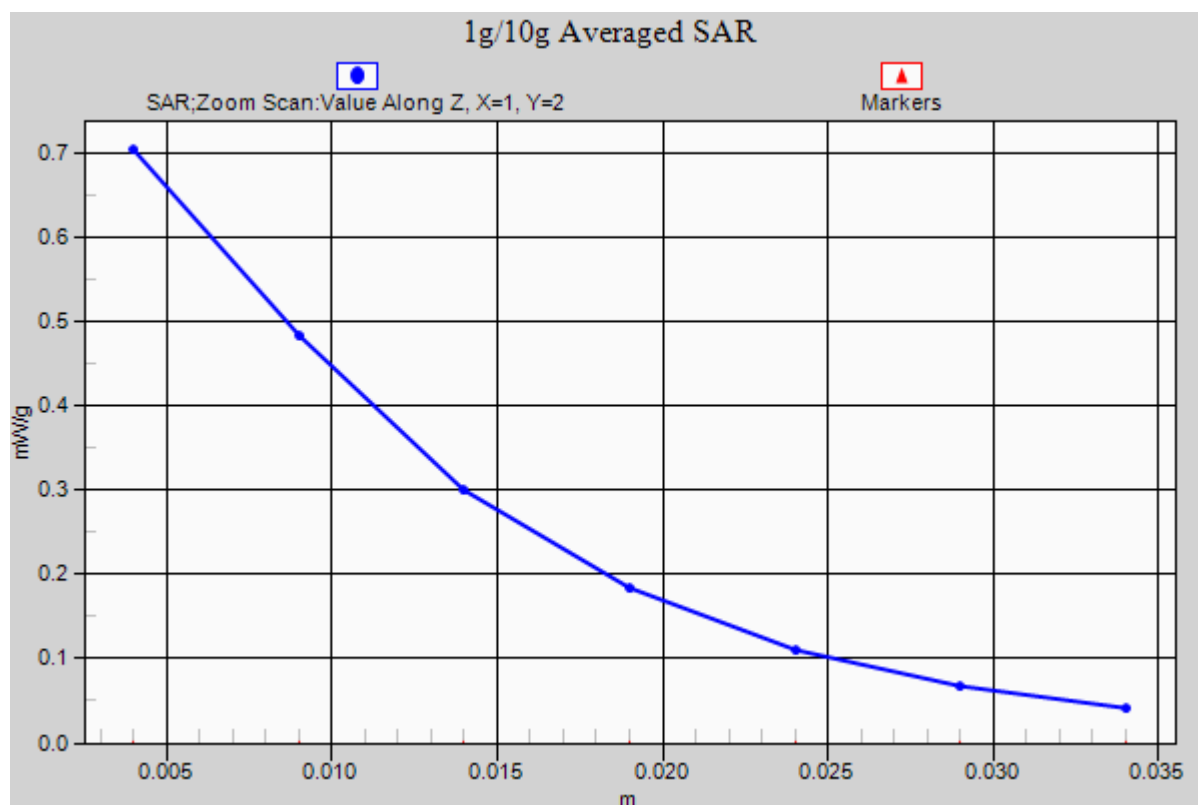
**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.040 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.926 mW/g

**SAR(1 g) = 0.649 mW/g; SAR(10 g) = 0.395 mW/g**

Maximum value of SAR (measured) = 0.705 mW/g



**#154\_LTE Band 4\_20M\_QPSK 50RB 0offset\_Back\_1cm\_Ch20300****DUT: 2O3103**

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

Medium: MSL\_1750\_121207 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.535$  mho/m;  $\epsilon_r = 51.635$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20300/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.565 mW/g

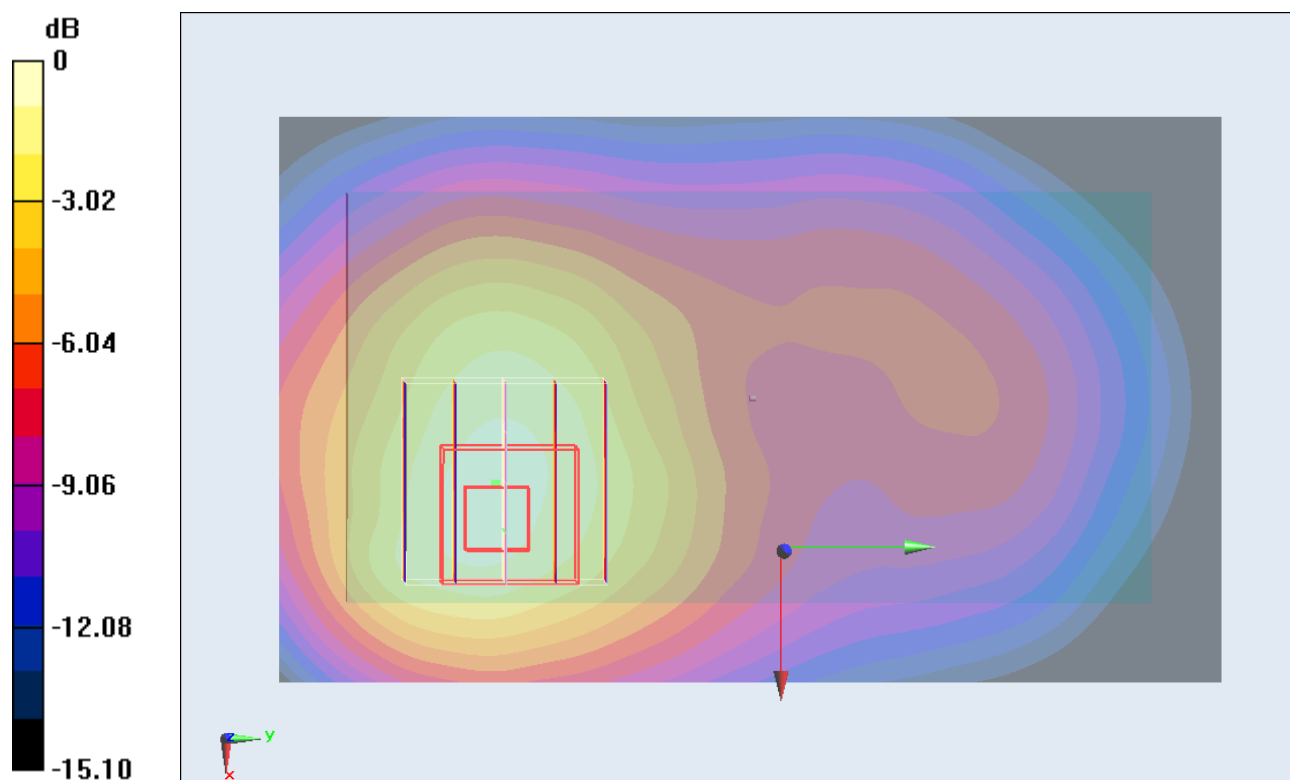
**Configuration/Ch20300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.102 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.822 mW/g

**SAR(1 g) = 0.568 mW/g; SAR(10 g) = 0.342 mW/g**

Maximum value of SAR (measured) = 0.628 mW/g



0 dB = 0.628 mW/g = -4.04 dB mW/g

**#155\_LTE Band 4\_20M\_QPSK 1RB 0offset\_Left Side\_1cm\_Ch20175****DUT: 2O3103**

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

Medium: MSL\_1750\_121207 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.521$  mho/m;  $\epsilon_r = 51.704$ ;

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20175/Area Scan (41x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.373 mW/g

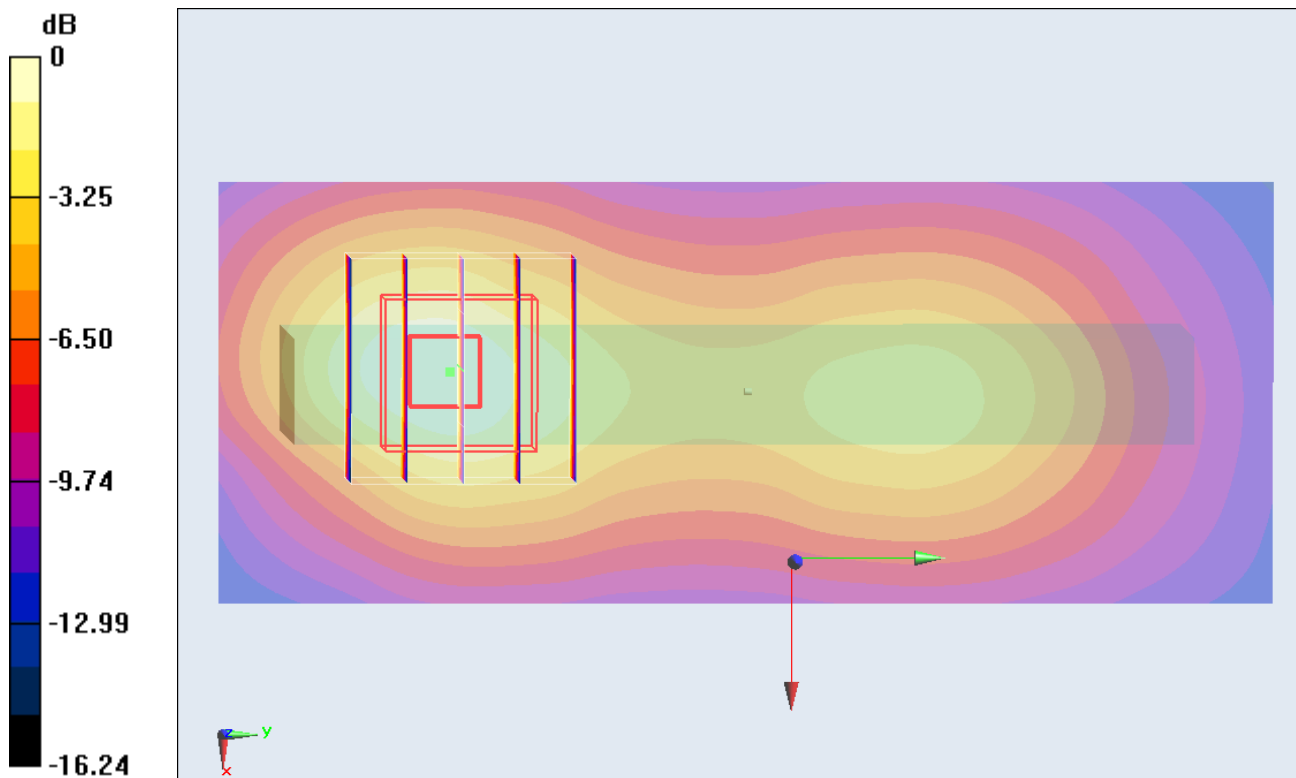
**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.885 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.507 mW/g

**SAR(1 g) = 0.339 mW/g; SAR(10 g) = 0.195 mW/g**

Maximum value of SAR (measured) = 0.373 mW/g



**#156\_LTE Band 4\_20M\_QPSK 50RB 0offset\_Left Side\_1cm\_Ch20300****DUT: 2O3103**

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

Medium: MSL\_1750\_121207 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.535$  mho/m;  $\epsilon_r = 51.635$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20300/Area Scan (41x101x1):** Measurement grid: dx=15mm, dy=15mm

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

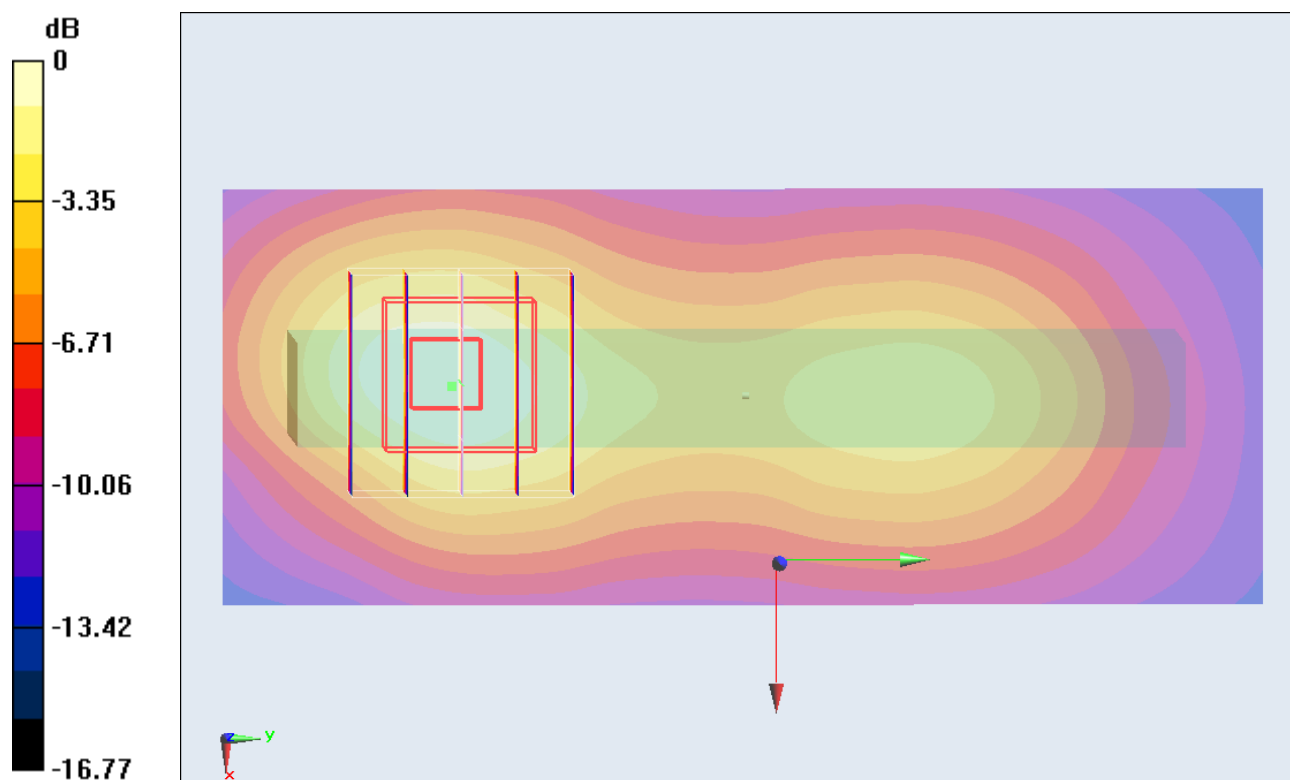
**Configuration/Ch20300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.607 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.441 mW/g

**SAR(1 g) = 0.292 mW/g; SAR(10 g) = 0.170 mW/g**

Maximum value of SAR (measured) = 0.322 mW/g



## #157\_LTE Band 4\_20M\_QPSK 1RB 0offset\_Right Side\_1cm\_Ch20175

## DUT: 2O3103

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

Medium: MSL\_1750\_121207 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.521$  mho/m;  $\epsilon_r = 51.704$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

## DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20175/Area Scan (41x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.100 mW/g

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

Reference Value = 8.917 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.129 mW/g

**SAR(1 g) = 0.092 mW/g; SAR(10 g) = 0.059 mW/g**

Maximum value of SAR (measured) = 0.0992 mW/g

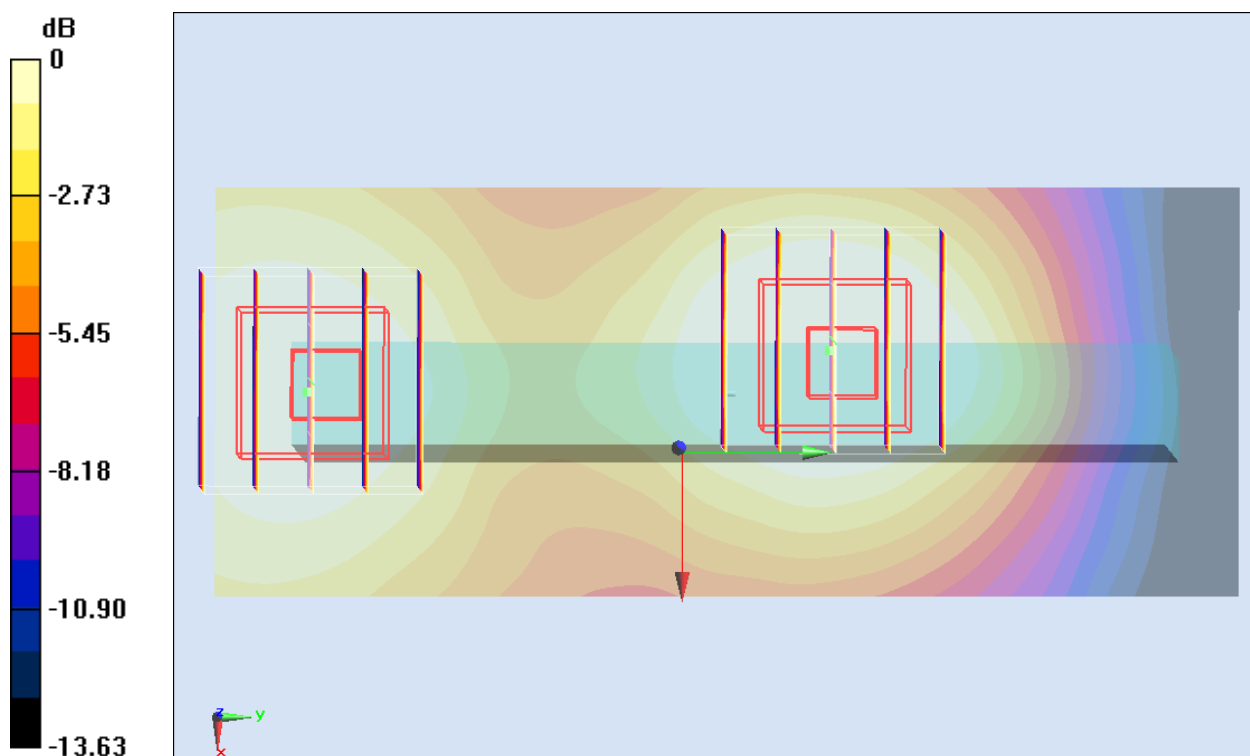
**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.917 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.093 mW/g

**SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.044 mW/g**

Maximum value of SAR (measured) = 0.0710 mW/g



0 dB = 0.0710 mW/g = -22.97 dB mW/g

**#158\_LTE Band 4\_20M\_QPSK 50RB 0offset\_Right Side\_1cm\_Ch20300****DUT: 2O3103**

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

Medium: MSL\_1750\_121207 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.535$  mho/m;  $\epsilon_r = 51.635$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20300/Area Scan (41x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.0889 mW/g

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

Reference Value = 8.354 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.117 mW/g

**SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.051 mW/g**

Maximum value of SAR (measured) = 0.0903 mW/g

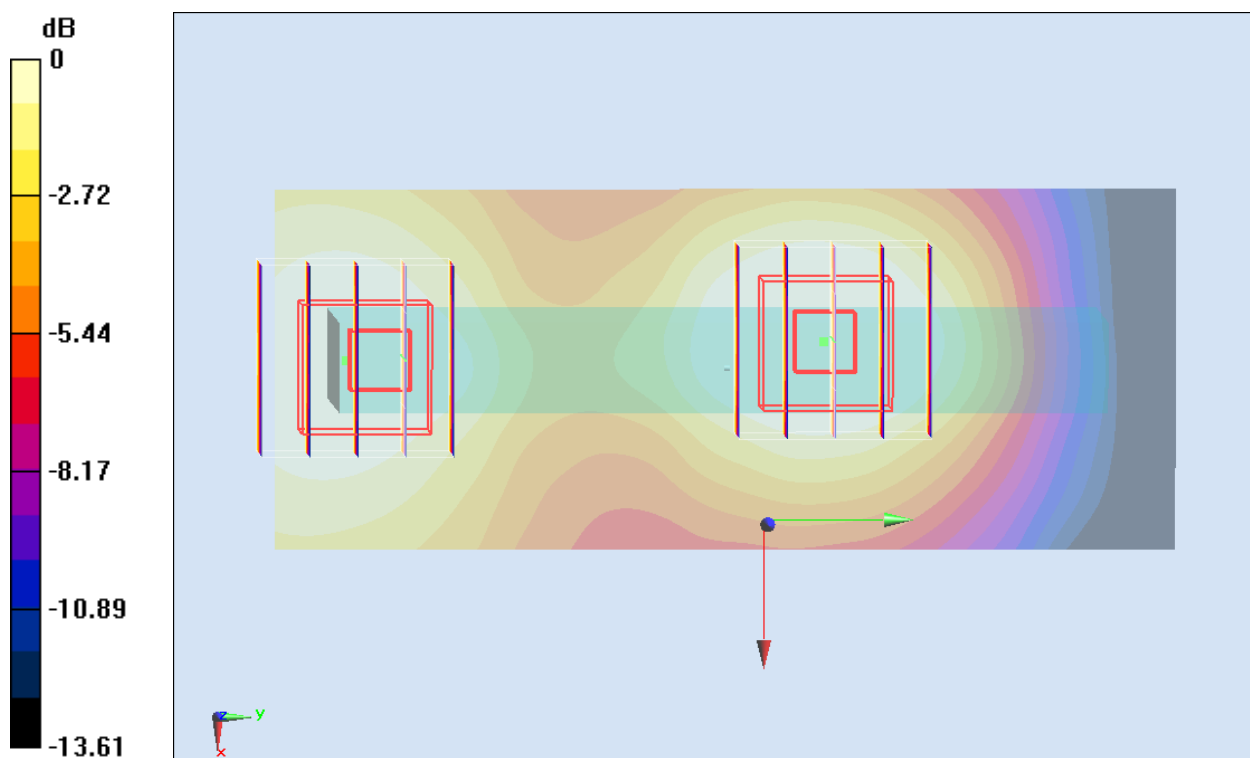
**Configuration/Ch20300/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.354 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.085 mW/g

**SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.039 mW/g**

Maximum value of SAR (measured) = 0.0648 mW/g



0 dB = 0.0648 mW/g = -23.77 dB mW/g

**#161\_LTE Band 4\_20M\_QPSK 1RB 0offset\_Bottom Side\_1cm\_Ch20175****DUT: 2O3103**

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

Medium: MSL\_1750\_121207 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.521$  mho/m;  $\epsilon_r = 51.704$ ;

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20175/Area Scan (41x71x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.378 mW/g

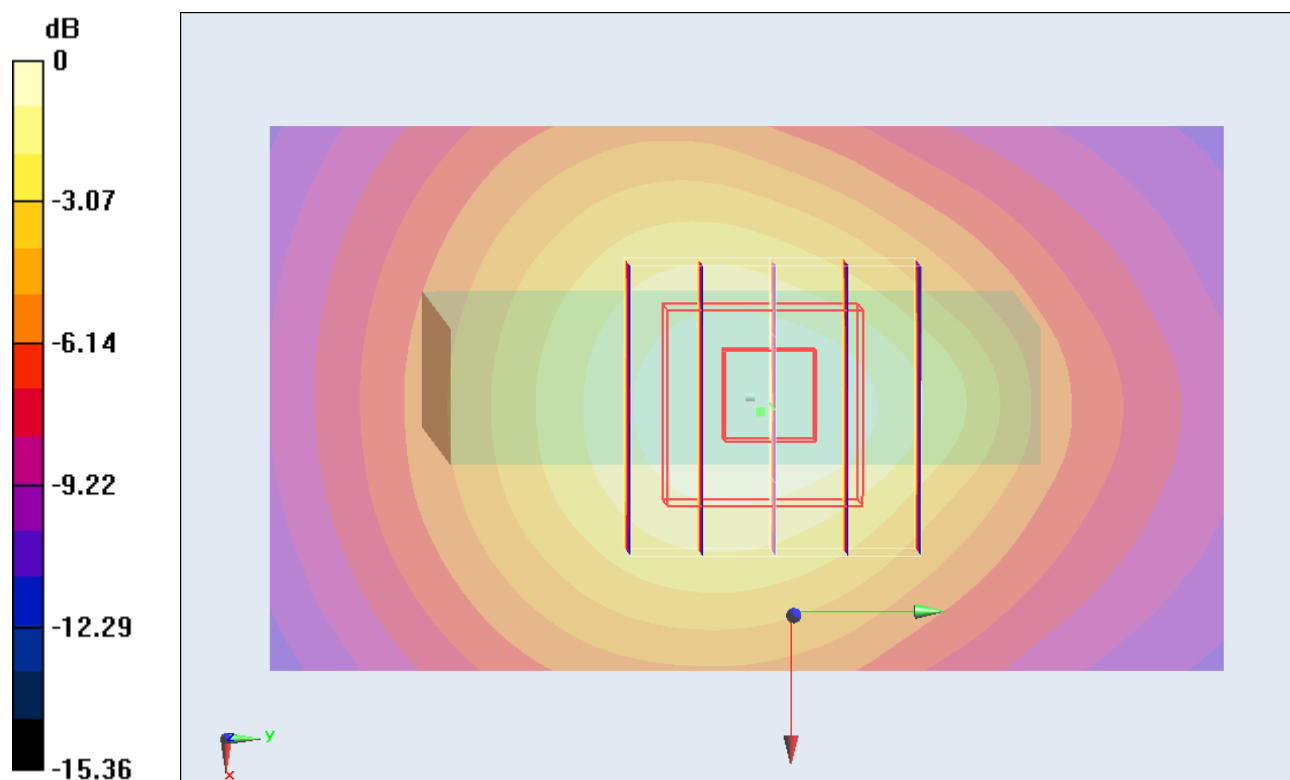
**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.467 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.473 mW/g

**SAR(1 g) = 0.324 mW/g; SAR(10 g) = 0.197 mW/g**

Maximum value of SAR (measured) = 0.356 mW/g



0 dB = 0.356 mW/g = -8.97 dB mW/g

**#162\_LTE Band 4\_20M\_QPSK 50RB 0offset\_Bottom Side\_1cm\_Ch20300****DUT: 2O3103**

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

Medium: MSL\_1750\_121207 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.535$  mho/m;  $\epsilon_r = 51.635$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20300/Area Scan (41x71x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.315 mW/g

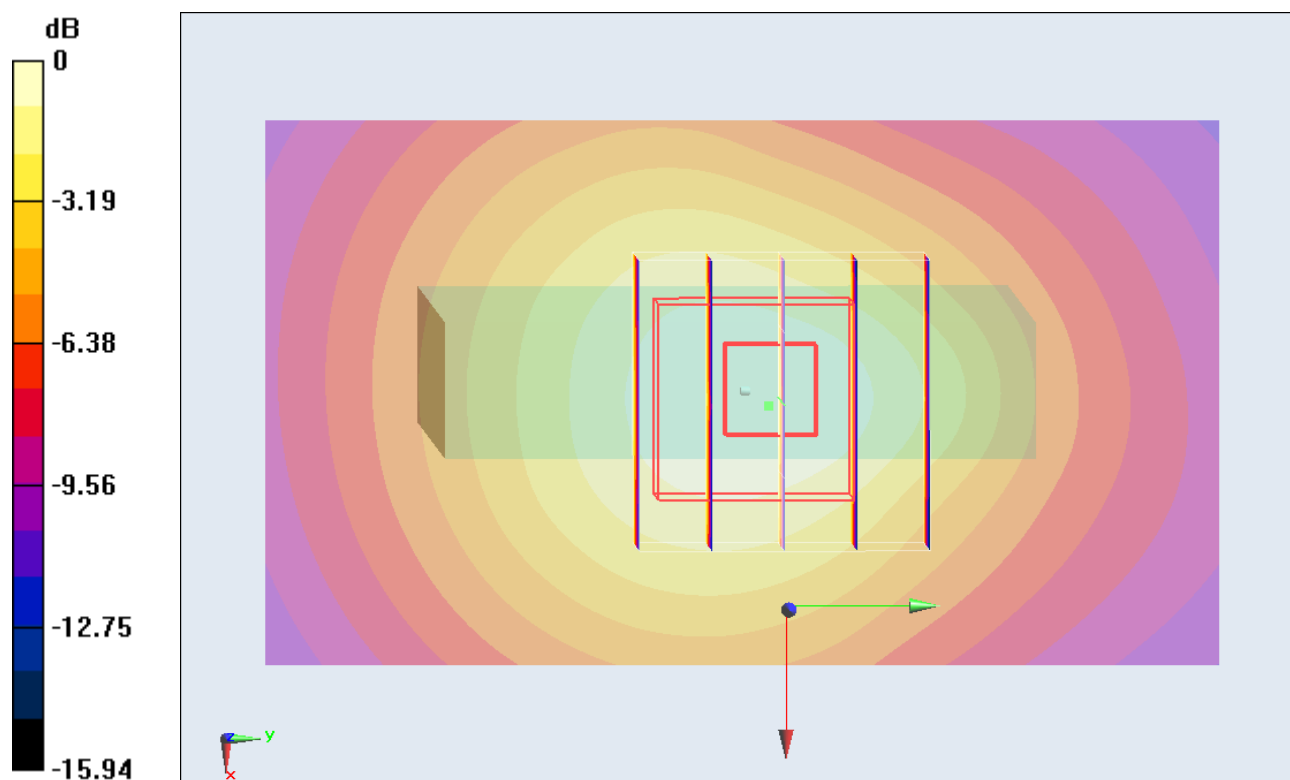
**Configuration/Ch20300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.188 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.404 mW/g

**SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.166 mW/g**

Maximum value of SAR (measured) = 0.300 mW/g



**#163\_LTE Band 4\_20M\_QPSK 1RB 0offset\_Back\_1cm\_Ch20175;Headset****DUT: 2O3103**

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

Medium: MSL\_1750\_121207 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.521$  mho/m;  $\epsilon_r = 51.704$ ;

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20175/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.669 mW/g

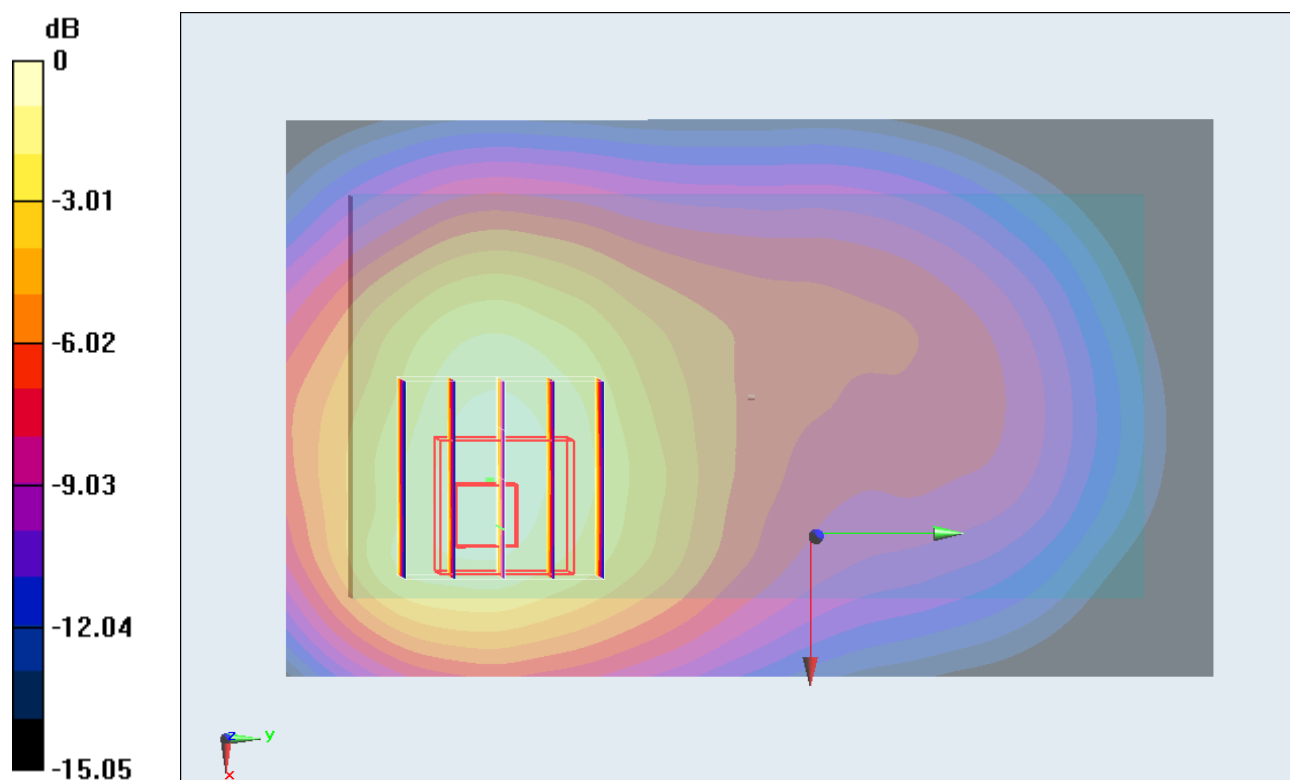
**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.227 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.935 mW/g

**SAR(1 g) = 0.644 mW/g; SAR(10 g) = 0.393 mW/g**

Maximum value of SAR (measured) = 0.702 mW/g



**#164\_LTE Band 4\_20M\_QPSK 50RB 0offset\_Back\_1cm\_Ch20300;Headset****DUT: 2O3103**

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

Medium: MSL\_1750\_121207 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.535$  mho/m;  $\epsilon_r = 51.635$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20300/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.580 mW/g

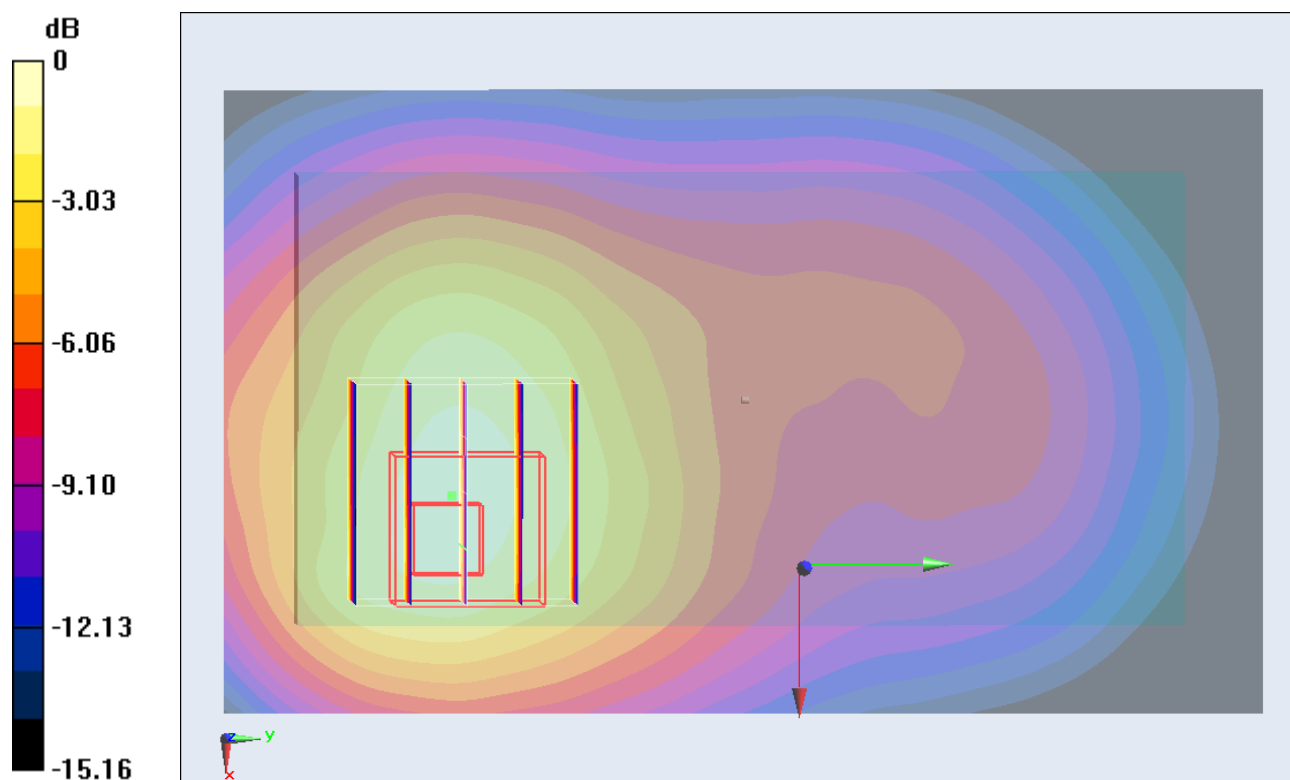
**Configuration/Ch20300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.499 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.823 mW/g

**SAR(1 g) = 0.561 mW/g; SAR(10 g) = 0.338 mW/g**

Maximum value of SAR (measured) = 0.620 mW/g



0 dB = 0.620 mW/g = -4.15 dB mW/g

**#165\_LTE Band 2\_20M\_QPSK 1RB 0offset\_Front\_1cm\_Ch18900****DUT: 2O3103**

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

Medium: MSL\_1900\_121207 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.513$  mho/m;  $\epsilon_r = 52.954$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch18900/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.888 mW/g

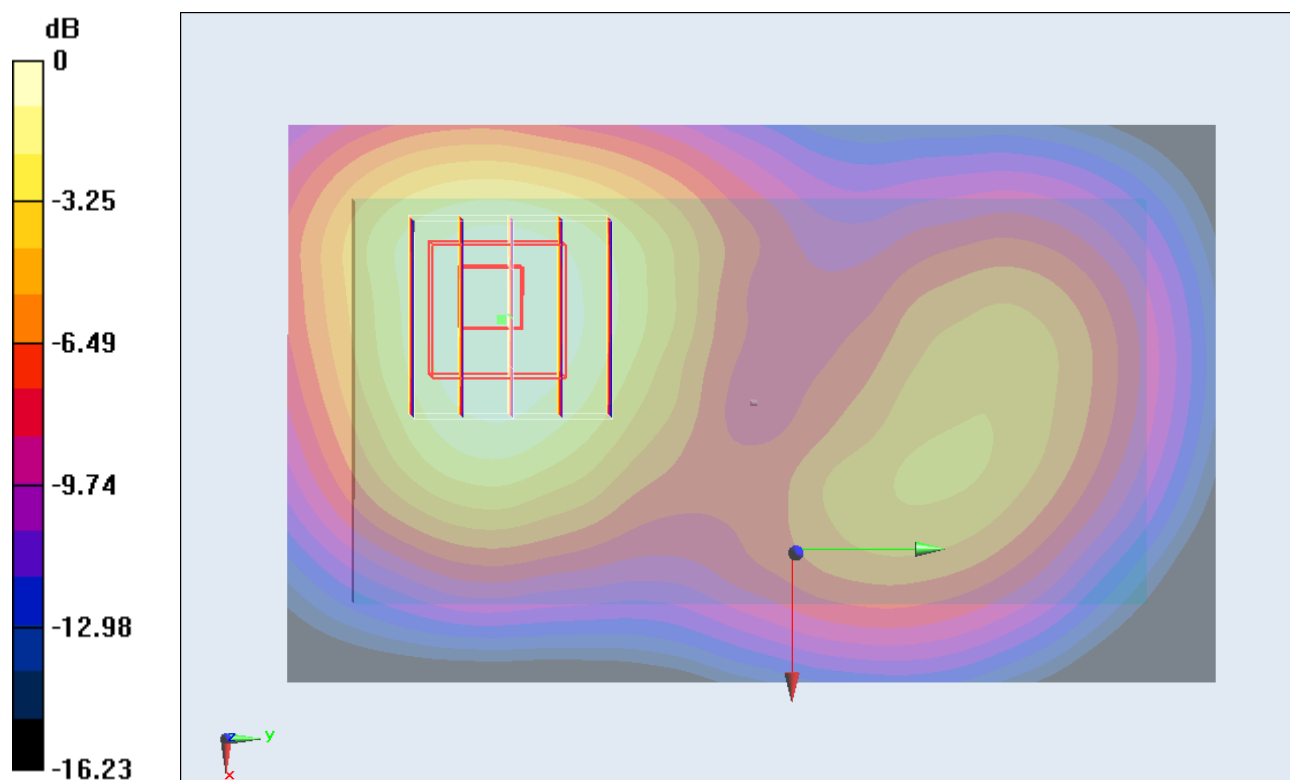
**Configuration/Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.145 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.182 mW/g

**SAR(1 g) = 0.789 mW/g; SAR(10 g) = 0.479 mW/g**

Maximum value of SAR (measured) = 0.843 mW/g



0 dB = 0.843 mW/g = -1.48 dB mW/g

**#165\_LTE Band 2\_20M\_QPSK 1RB 0offset\_Front\_1cm\_Ch18900\_2D****DUT: 2O3103**

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

Medium: MSL\_1900\_121207 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.513$  mho/m;  $\epsilon_r = 52.954$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch18900/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.888 mW/g

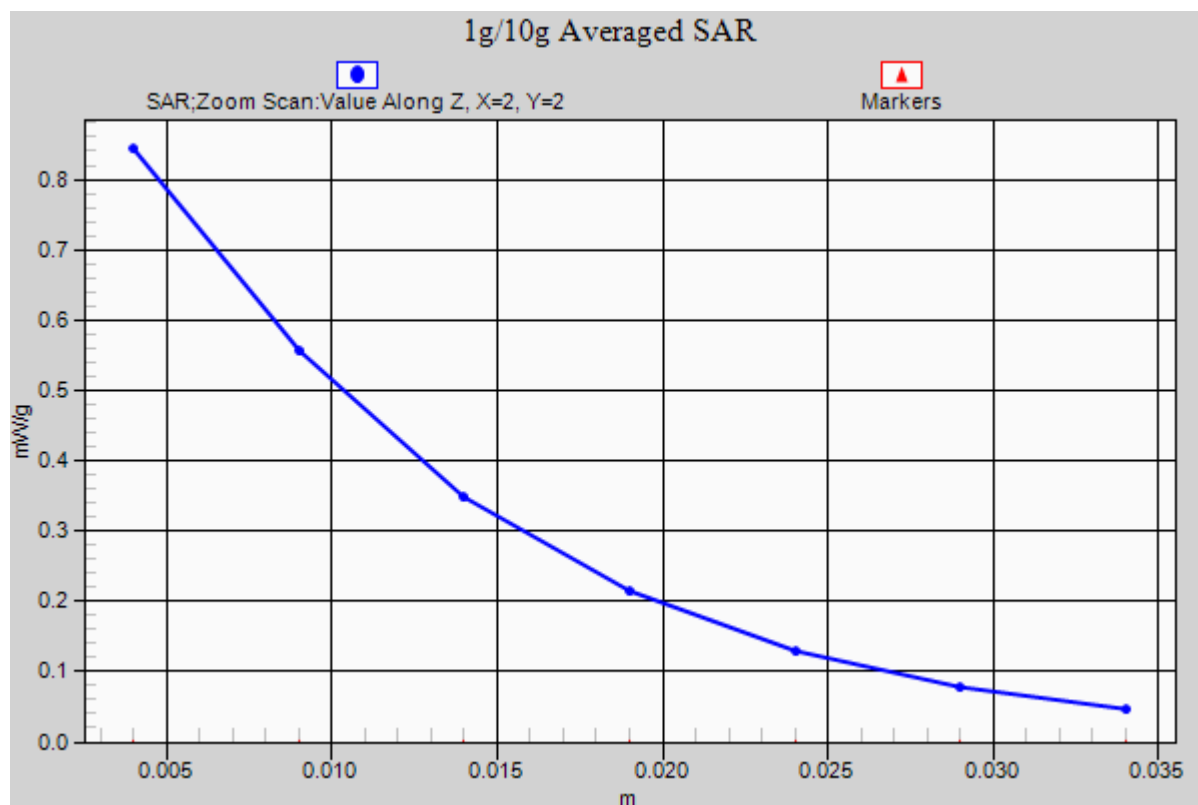
**Configuration/Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.145 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.182 mW/g

**SAR(1 g) = 0.789 mW/g; SAR(10 g) = 0.479 mW/g**

Maximum value of SAR (measured) = 0.843 mW/g



**#166\_LTE Band 2\_20M\_QPSK 50RB 0offset\_Front\_1cm\_Ch18900****DUT: 2O3103**

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

Medium: MSL\_1900\_121207 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.513$  mho/m;  $\epsilon_r = 52.954$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch18900/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.676 mW/g

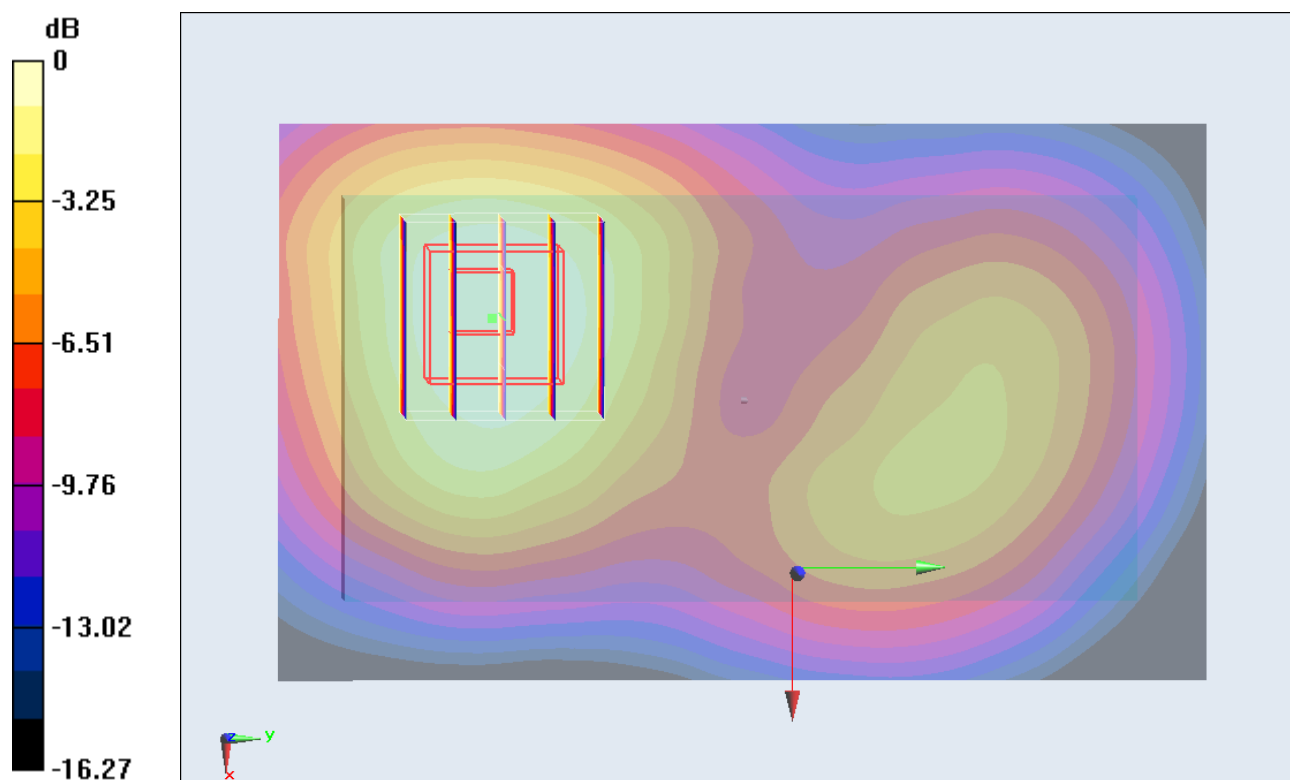
**Configuration/Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.867 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.832 mW/g

**SAR(1 g) = 0.567 mW/g; SAR(10 g) = 0.350 mW/g**

Maximum value of SAR (measured) = 0.603 mW/g



0 dB = 0.603 mW/g = -4.39 dB mW/g

**#167\_LTE Band 2\_20M\_QPSK 1RB 0offset\_Back\_1cm\_Ch18900****DUT: 2O3103**

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

Medium: MSL\_1900\_121207 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.513$  mho/m;  $\epsilon_r = 52.954$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch18900/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.701 mW/g

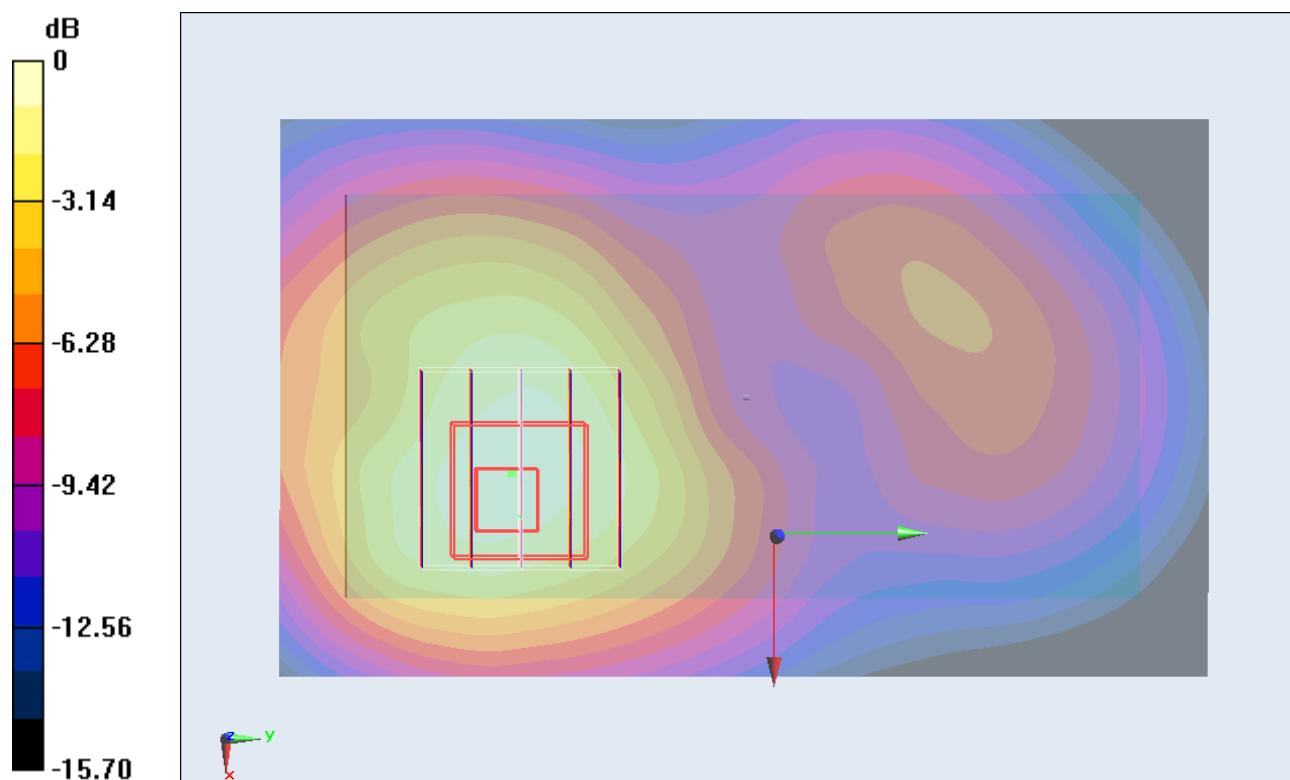
**Configuration/Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.928 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.072 mW/g

**SAR(1 g) = 0.694 mW/g; SAR(10 g) = 0.412 mW/g**

Maximum value of SAR (measured) = 0.749 mW/g



**#168\_LTE Band 2\_20M\_QPSK 50RB 0offset\_Back\_1cm\_Ch18900****DUT: 2O3103**

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

Medium: MSL\_1900\_121207 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.513$  mho/m;  $\epsilon_r = 52.954$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch18900/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.517 mW/g

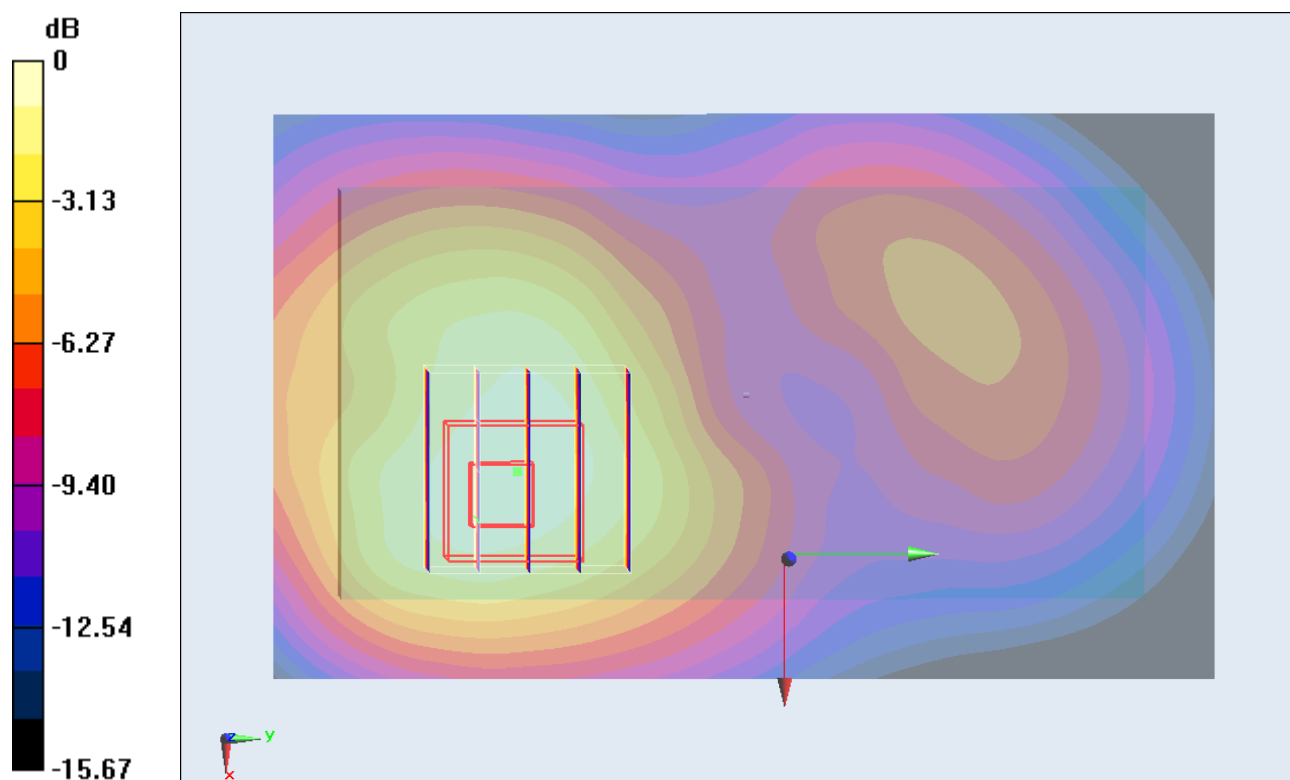
**Configuration/Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.503 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.759 mW/g

**SAR(1 g) = 0.498 mW/g; SAR(10 g) = 0.298 mW/g**

Maximum value of SAR (measured) = 0.529 mW/g



0 dB = 0.529 mW/g = -5.53 dB mW/g

**#169\_LTE Band 2\_20M\_QPSK 1RB 0offset\_Left Side\_1cm\_Ch18900****DUT: 2O3103**

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

Medium: MSL\_1900\_121207 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.513$  mho/m;  $\epsilon_r = 52.954$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch18900/Area Scan (41x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.441 mW/g

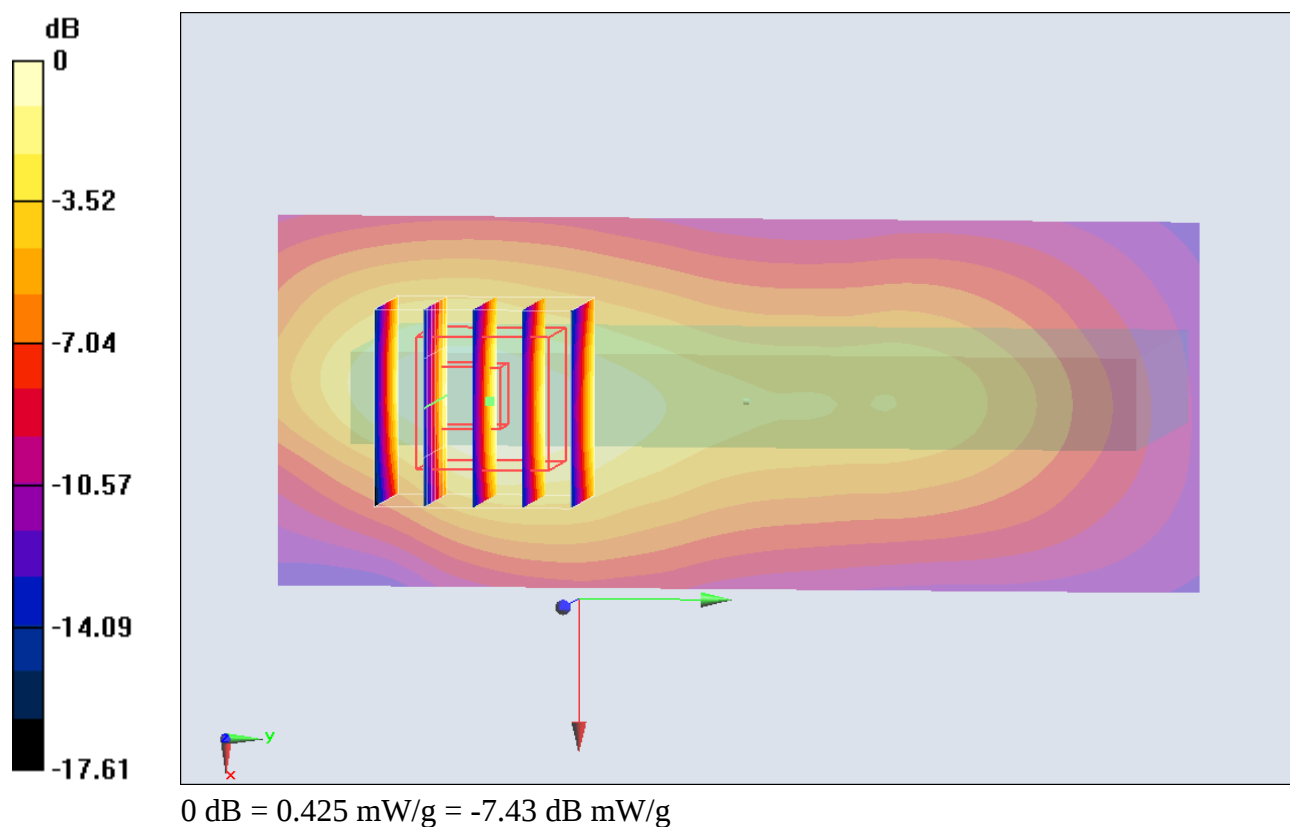
**Configuration/Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.142 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.623 mW/g

**SAR(1 g) = 0.391 mW/g; SAR(10 g) = 0.226 mW/g**

Maximum value of SAR (measured) = 0.425 mW/g



**#170\_LTE Band 2\_20M\_QPSK 50RB 0offset\_Left Side\_1cm\_Ch18900****DUT: 2O3103**

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

Medium: MSL\_1900\_121207 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.513$  mho/m;  $\epsilon_r = 52.954$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch18900/Area Scan (41x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.332 mW/g

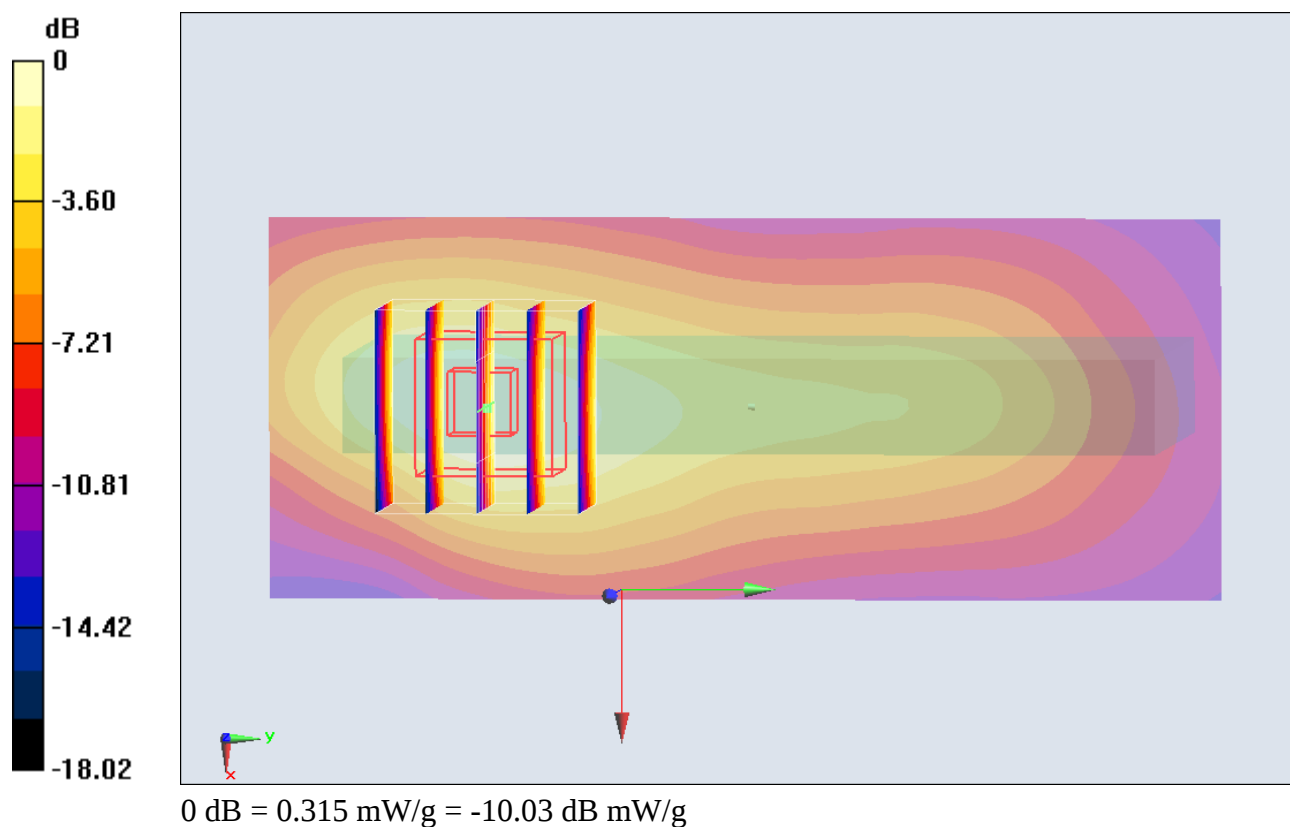
**Configuration/Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.776 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.454 mW/g

**SAR(1 g) = 0.283 mW/g; SAR(10 g) = 0.162 mW/g**

Maximum value of SAR (measured) = 0.315 mW/g



## #171\_LTE Band 2\_20M\_QPSK 1RB 0offset\_Right Side\_1cm\_Ch18900

## DUT: 203103

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

Medium: MSL\_1900\_121207 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.513$  mho/m;  $\epsilon_r = 52.954$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

## DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch18900/Area Scan (41x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.107 mW/g

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

Reference Value = 8.535 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.133 mW/g

SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.054 mW/g

Maximum value of SAR (measured) = 0.0996 mW/g

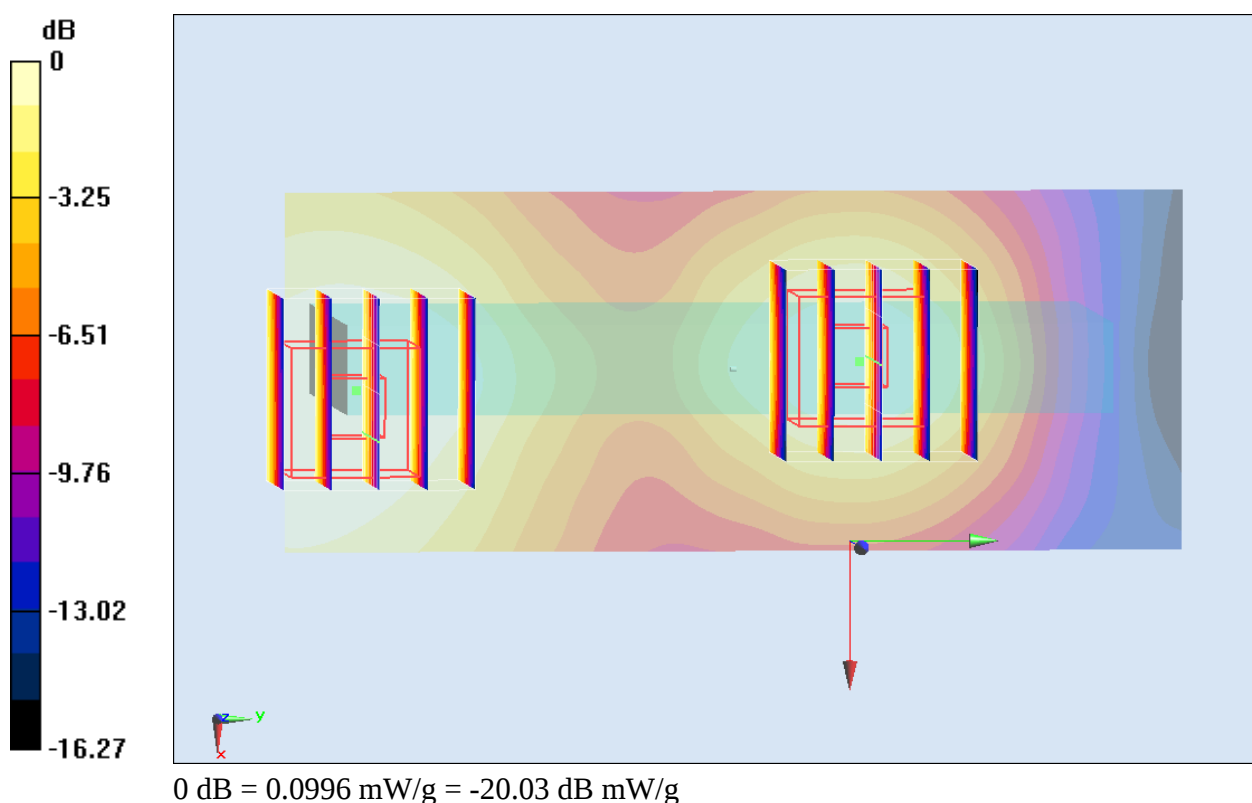
**Configuration/Ch18900/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.535 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.126 mW/g

SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.056 mW/g

Maximum value of SAR (measured) = 0.0934 mW/g



**#172\_LTE Band 2\_20M\_QPSK 50RB 0offset\_Right Side\_1cm\_Ch18900****DUT: 2O3103**

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

Medium: MSL\_1900\_121207 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.513$  mho/m;  $\epsilon_r = 52.954$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch18900/Area Scan (41x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.0833 mW/g

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

Reference Value = 7.563 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.110 mW/g

**SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.043 mW/g**

Maximum value of SAR (measured) = 0.0786 mW/g

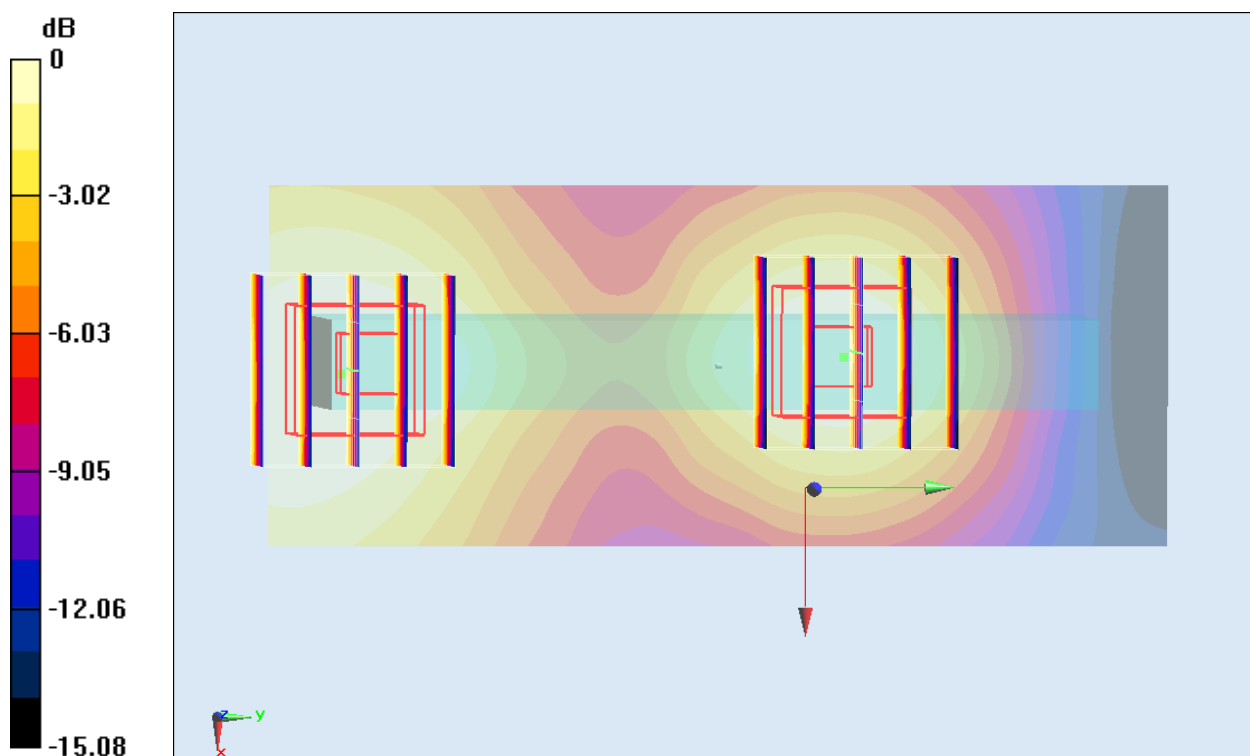
**Configuration/Ch18900/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.563 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.106 mW/g

**SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.043 mW/g**

Maximum value of SAR (measured) = 0.0742 mW/g



0 dB = 0.0742 mW/g = -22.59 dB mW/g

**#175\_LTE Band 2\_20M\_QPSK 1RB 0offset\_Bottom Side\_1cm\_Ch18900****DUT: 2O3103**

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

Medium: MSL\_1900\_121207 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.513$  mho/m;  $\epsilon_r = 52.954$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch18900/Area Scan (41x61x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.324 mW/g

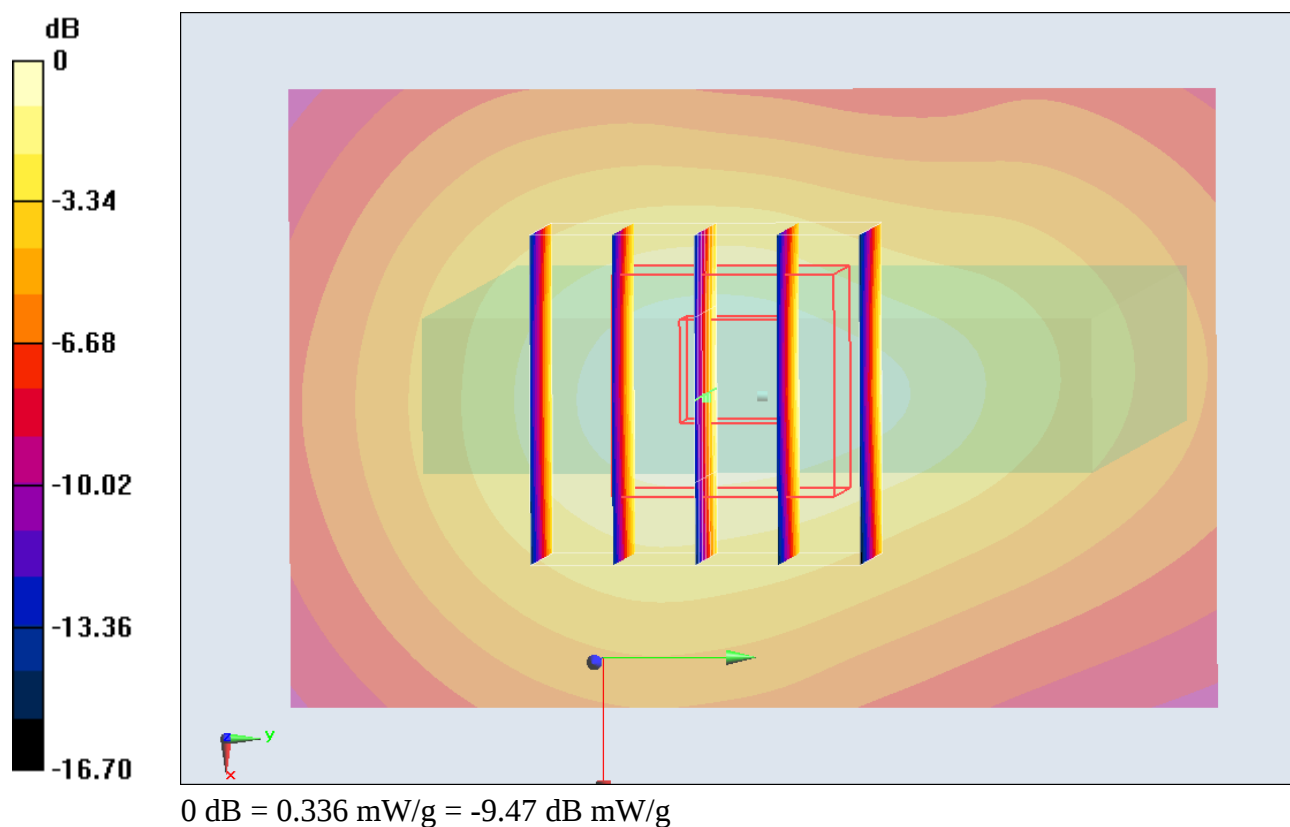
**Configuration/Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.743 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.479 mW/g

**SAR(1 g) = 0.309 mW/g; SAR(10 g) = 0.181 mW/g**

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



**#176\_LTE Band 2\_20M\_QPSK 50RB 0offset\_Bottom Side\_1cm\_Ch18900****DUT: 2O3103**

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

Medium: MSL\_1900\_121207 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.513$  mho/m;  $\epsilon_r = 52.954$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch18900/Area Scan (41x61x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.246 mW/g

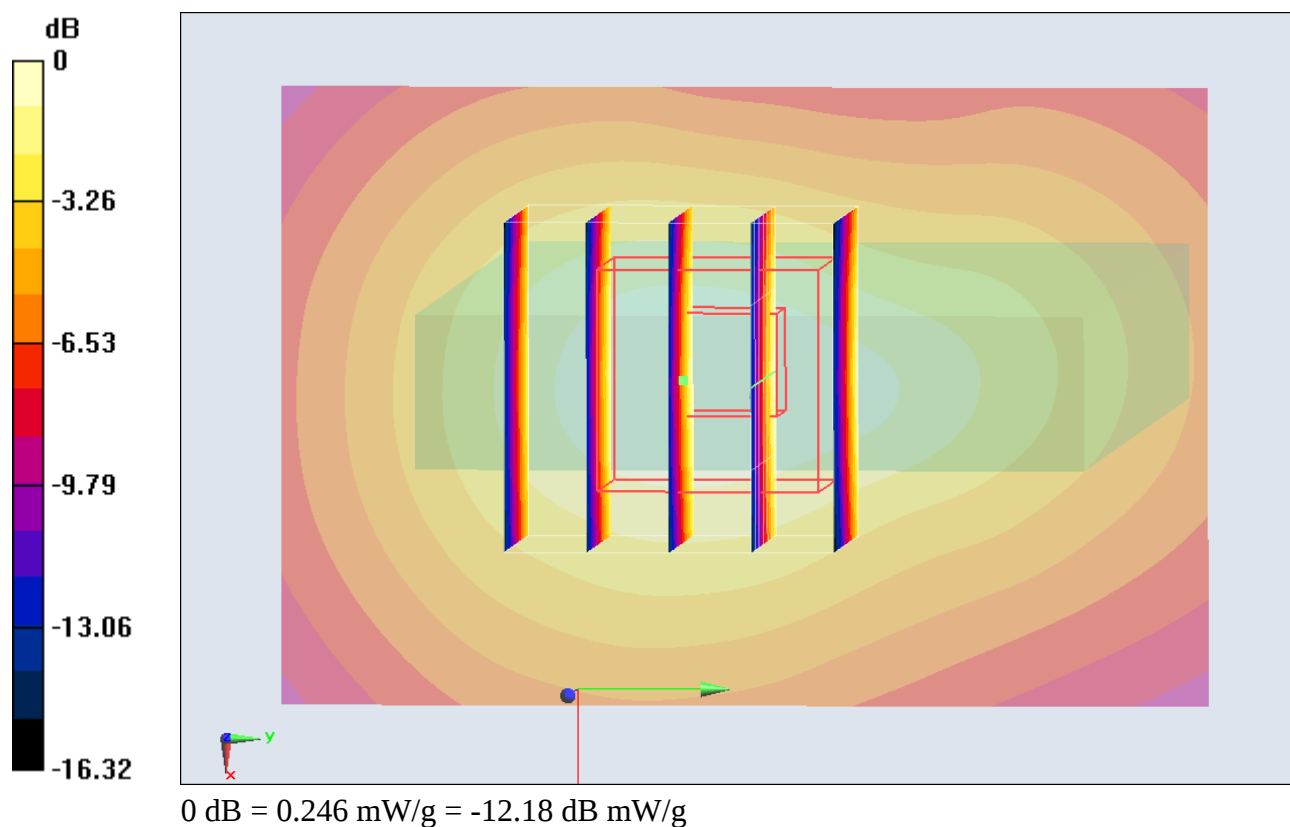
**Configuration/Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.973 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.365 mW/g

**SAR(1 g) = 0.229 mW/g; SAR(10 g) = 0.136 mW/g**

Maximum value of SAR (measured) = 0.246 mW/g



**#177\_LTE Band 2\_20M\_QPSK 1RB 0offset\_Front\_1cm\_Ch18900;Headset****DUT: 2O3103**

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

Medium: MSL\_1900\_121207 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.513$  mho/m;  $\epsilon_r = 52.954$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch18900/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.833 mW/g

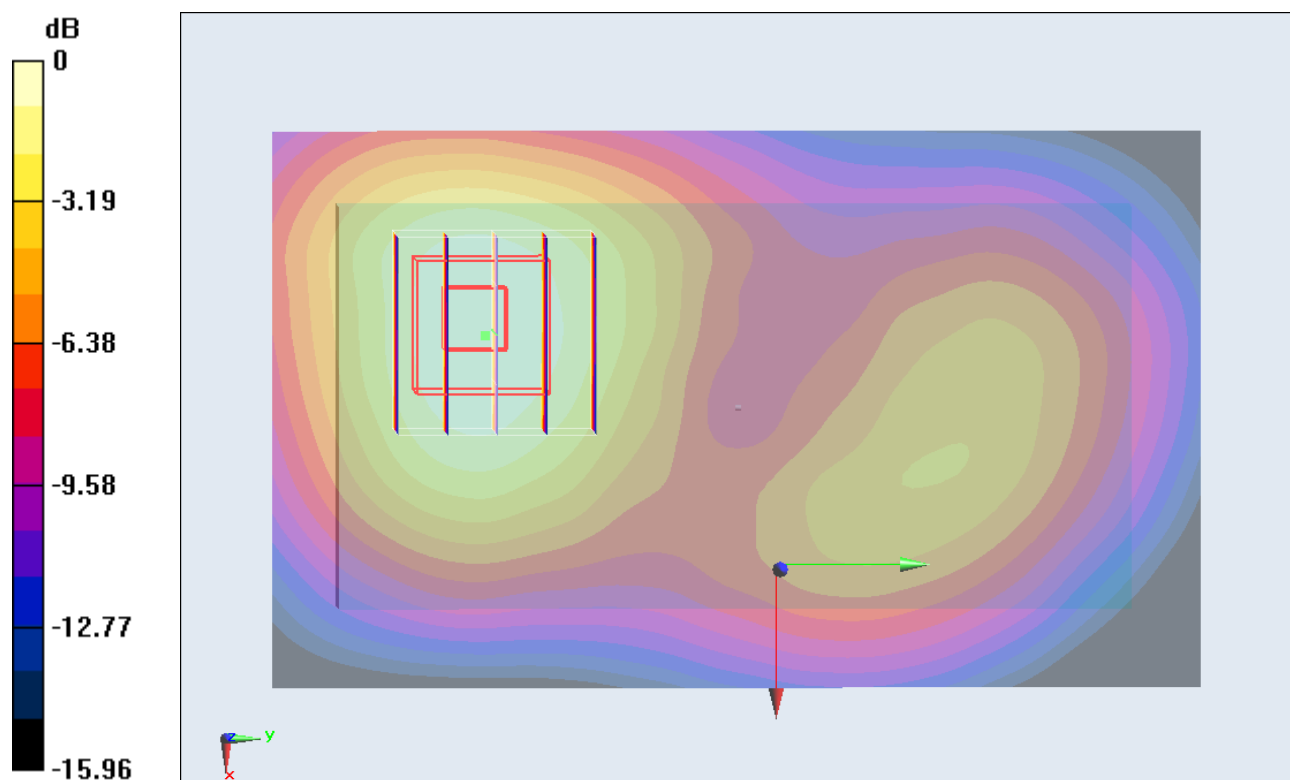
**Configuration/Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.945 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.129 mW/g

**SAR(1 g) = 0.745 mW/g; SAR(10 g) = 0.451 mW/g**

Maximum value of SAR (measured) = 0.802 mW/g



0 dB = 0.802 mW/g = -1.92 dB mW/g

**#178\_LTE Band 2\_20M\_QPSK 50RB 0offset\_Front\_1cm\_Ch18900;Headset****DUT: 2O3103**

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

Medium: MSL\_1900\_121207 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.513$  mho/m;  $\epsilon_r = 52.954$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch18900/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.632 mW/g

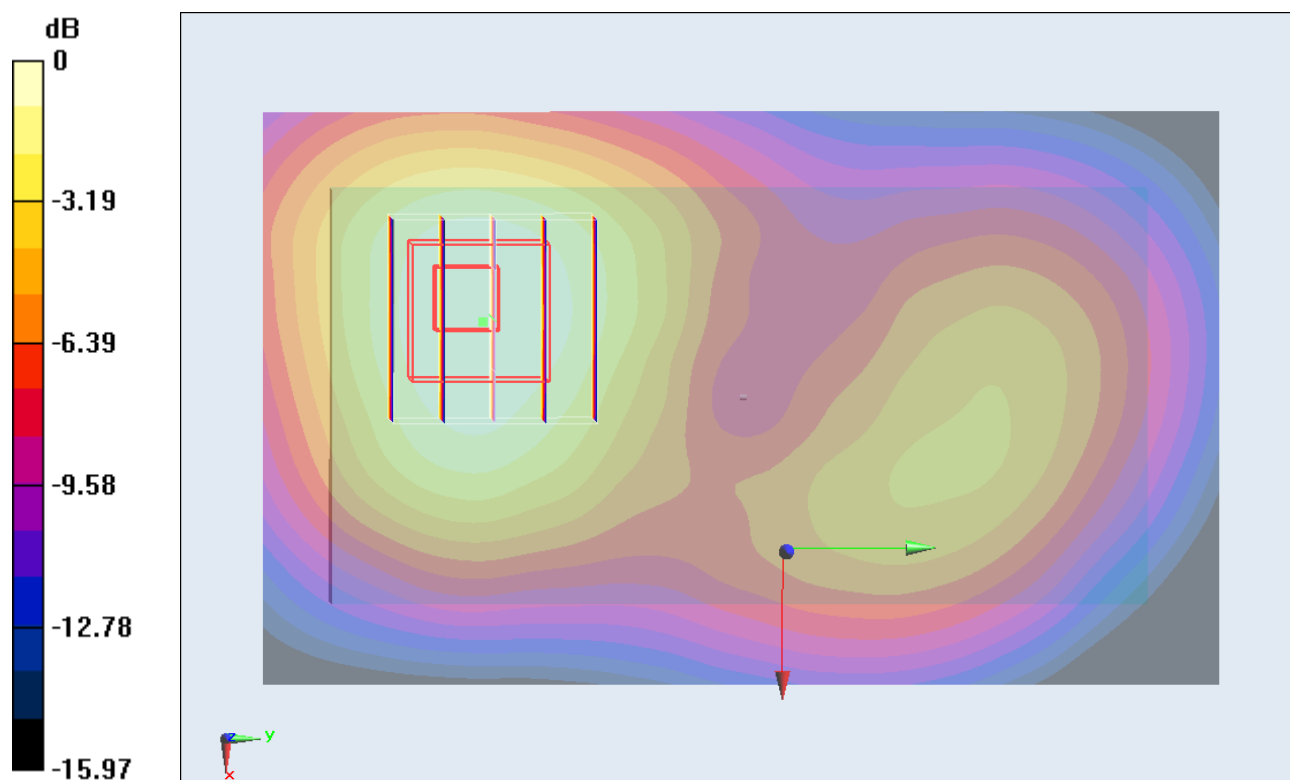
**Configuration/Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.139 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.857 mW/g

**SAR(1 g) = 0.547 mW/g; SAR(10 g) = 0.331 mW/g**

Maximum value of SAR (measured) = 0.578 mW/g



0 dB = 0.578 mW/g = -4.76 dB mW/g

**#101\_WLAN2.4G\_802.11b\_Front\_1cm\_Ch6****DUT: 2O3103**

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_121127 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.985$  mho/m;  $\epsilon_r = 53.972$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch6/Area Scan (81x131x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 0.190 mW/g

**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.911 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.248 mW/g

**SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.069 mW/g**

Maximum value of SAR (measured) = 0.187 mW/g

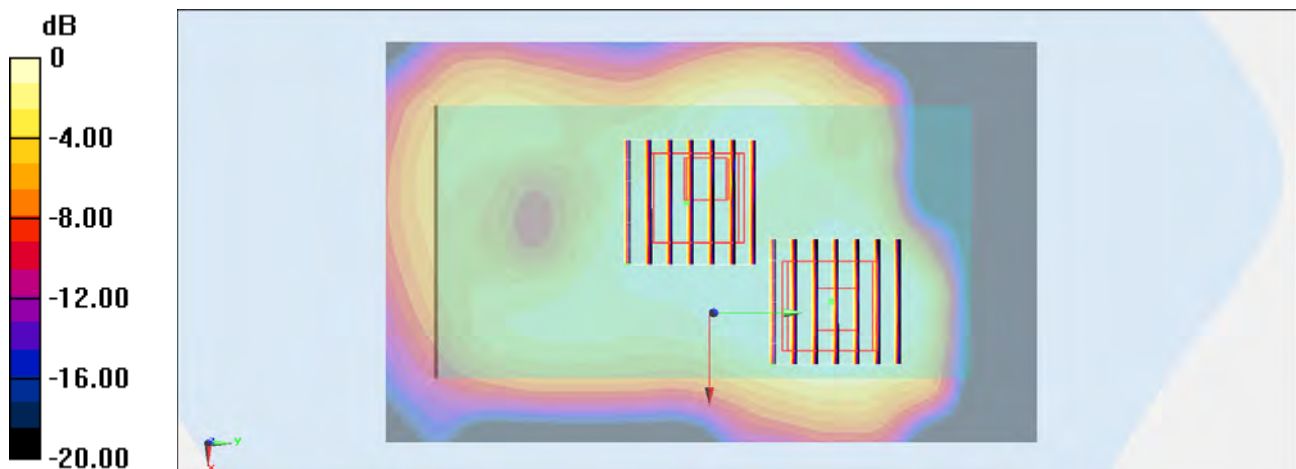
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.911 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.156 mW/g

**SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.050 mW/g**

Maximum value of SAR (measured) = 0.120 mW/g



0 dB = 0.120 mW/g = -18.42 dB mW/g

**#102\_WLAN2.4G\_802.11b\_Back\_1cm\_Ch6****DUT: 2O3103**

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_121127 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.985$  mho/m;  $\epsilon_r = 53.972$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch6/Area Scan (81x131x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 0.139 mW/g

**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.147 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.176 mW/g

**SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.054 mW/g**

Maximum value of SAR (measured) = 0.136 mW/g

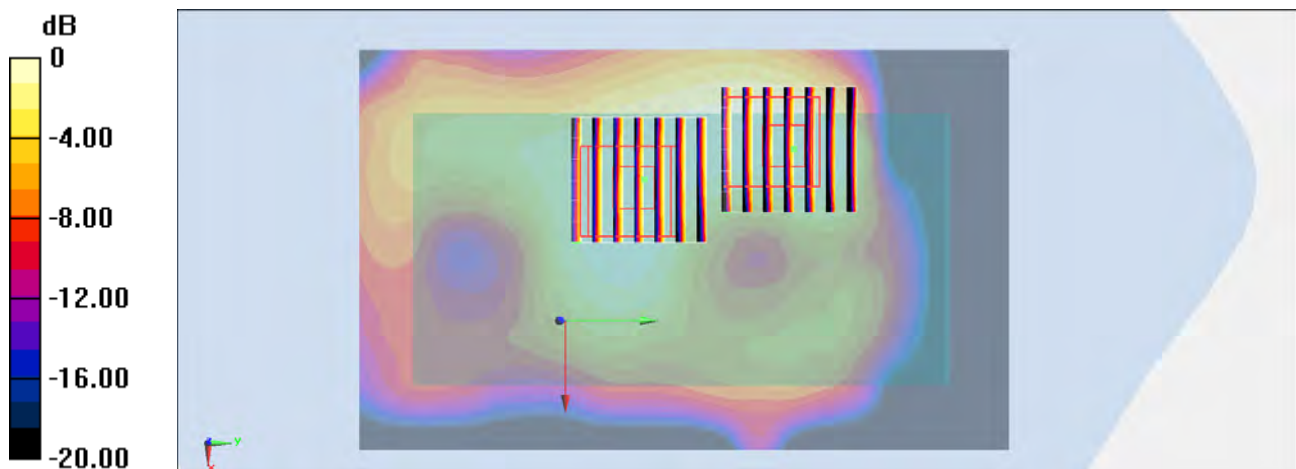
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.147 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.175 mW/g

**SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.046 mW/g**

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



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

**#103\_WLAN2.4G\_802.11b\_Left Side\_1cm\_Ch6****DUT: 2O3103**

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_121127 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.985$  mho/m;  $\epsilon_r = 53.972$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch6/Area Scan (51x131x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 0.0622 mW/g

**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.119 V/m; Power Drift = -0.127 dB

Peak SAR (extrapolated) = 0.090 mW/g

**SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.00901 mW/g**

Maximum value of SAR (measured) = 0.0325 mW/g

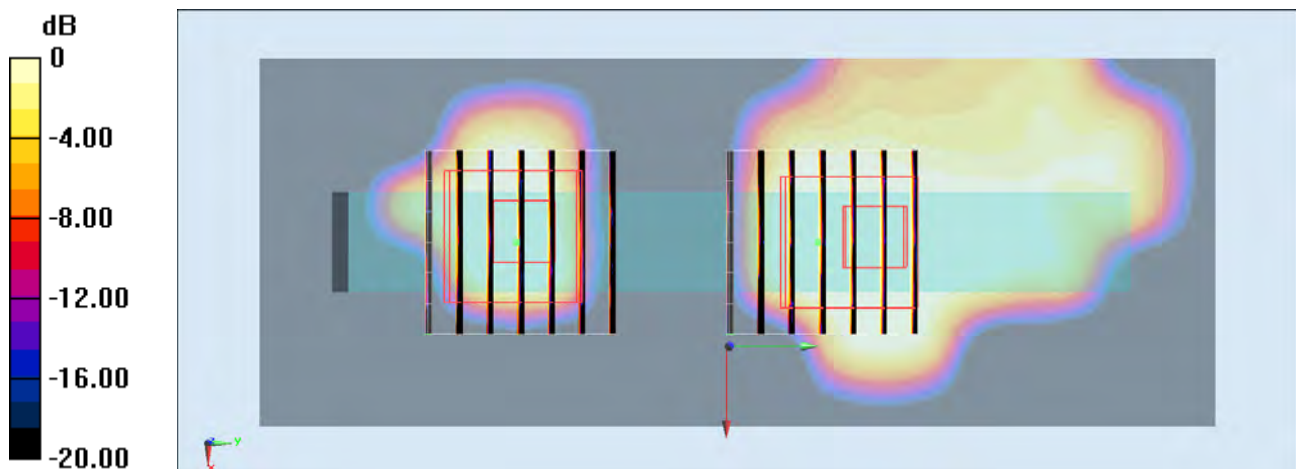
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.119 V/m; Power Drift = -0.127 dB

Peak SAR (extrapolated) = 0.027 mW/g

**SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00466 mW/g**

Maximum value of SAR (measured) = 0.0185 mW/g



0 dB = 0.0185 mW/g = -34.66 dB mW/g

**#104\_WLAN2.4G\_802.11b\_Right Side\_1cm\_Ch6****DUT: 2O3103**

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_121127 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.985$  mho/m;  $\epsilon_r = 53.972$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch6/Area Scan (51x131x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.211 mW/g

**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.421 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.277 mW/g

**SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.075 mW/g**

Maximum value of SAR (measured) = 0.209 mW/g

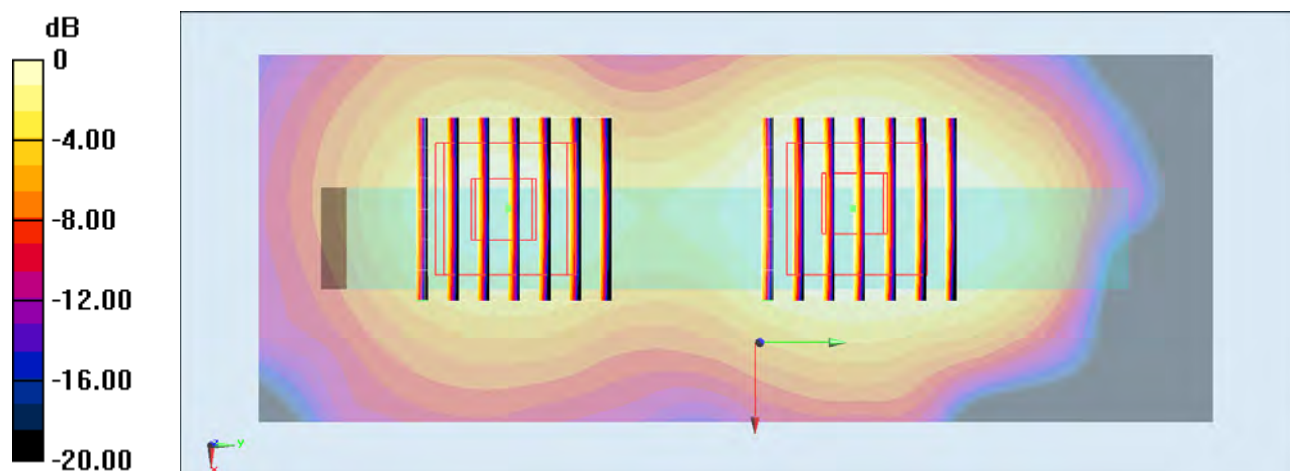
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.421 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.172 mW/g

**SAR(1 g) = 0.091 mW/g; SAR(10 g) = 0.047 mW/g**

Maximum value of SAR (measured) = 0.130 mW/g



0 dB = 0.130 mW/g = -17.72 dB mW/g

**#104\_WLAN2.4G\_802.11b\_Right Side\_1cm\_Ch6\_2D****DUT: 2O3103**

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_121127 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.985$  mho/m;  $\epsilon_r = 53.972$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch6/Area Scan (51x131x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.211 mW/g

**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.421 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.277 mW/g

**SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.075 mW/g**

Maximum value of SAR (measured) = 0.209 mW/g

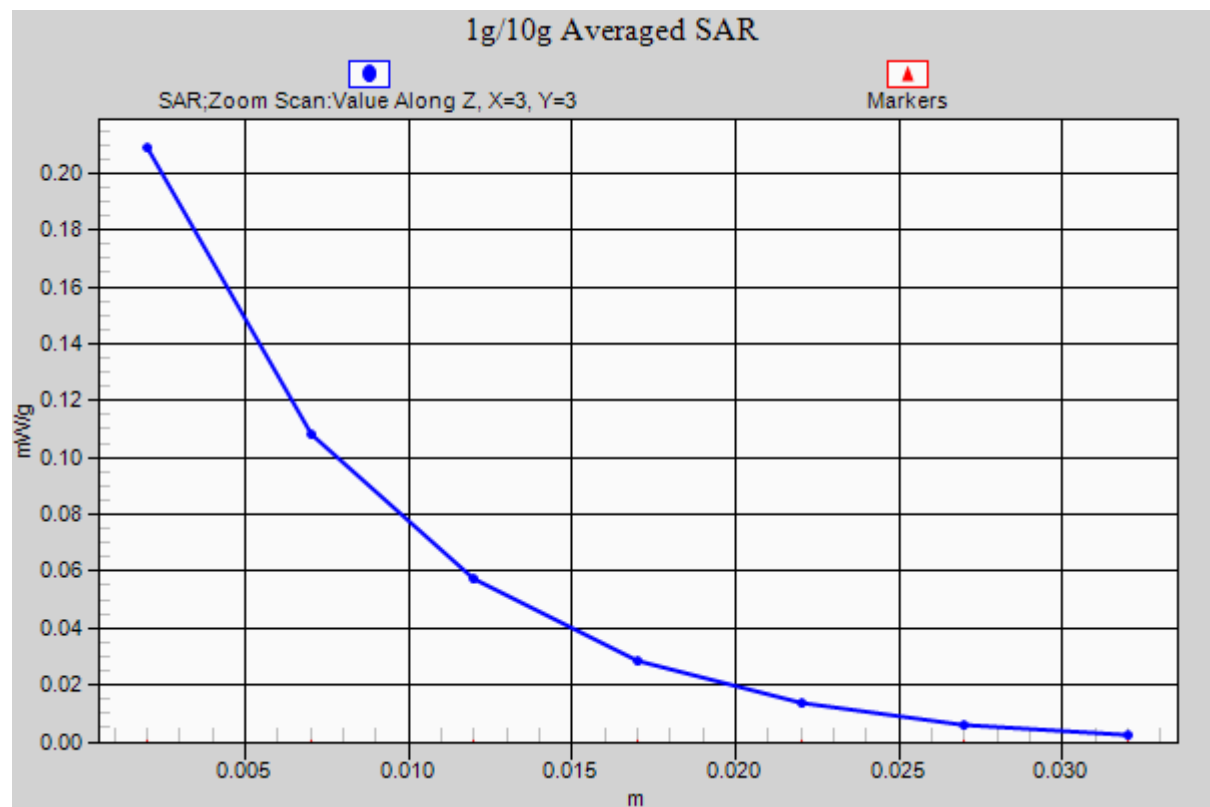
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.421 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.172 mW/g

**SAR(1 g) = 0.091 mW/g; SAR(10 g) = 0.047 mW/g**

Maximum value of SAR (measured) = 0.130 mW/g



**#105\_WLAN2.4G\_802.11b\_Top Side\_1cm\_Ch6****DUT: 2O3103**

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_121127 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.985$  mho/m;  $\epsilon_r = 53.972$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch6/Area Scan (51x81x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0386 mW/g

**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.492 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.032 mW/g

**SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.00792 mW/g**

Maximum value of SAR (measured) = 0.0276 mW/g

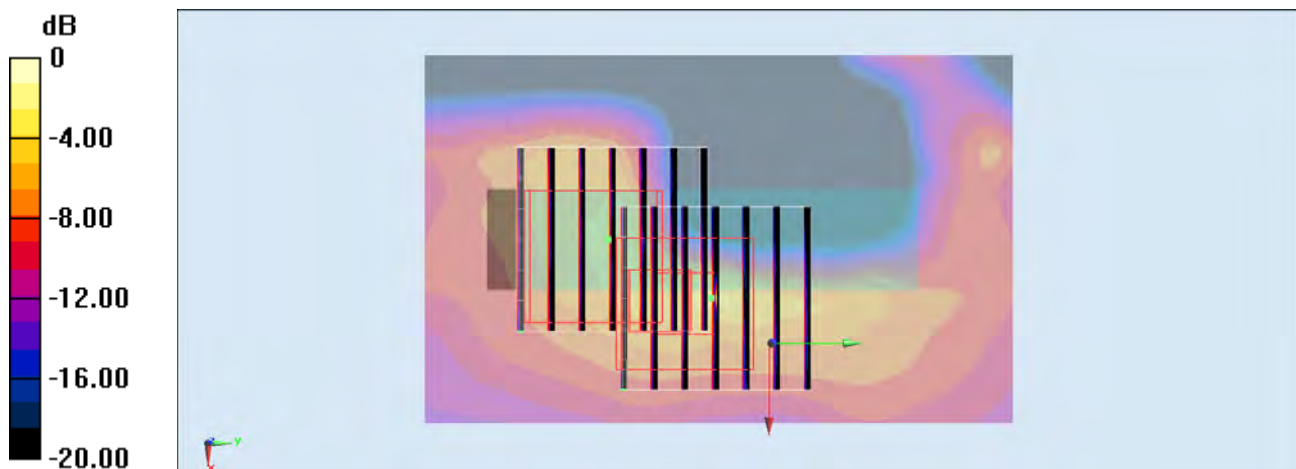
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.492 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.091 mW/g

**SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.00694 mW/g**

Maximum value of SAR (measured) = 0.0907 mW/g



0 dB = 0.0907 mW/g = -20.85 dB mW/g

**#107\_WLAN2.4G\_802.11b\_Front\_1cm\_Ch6;Headset****DUT: 2O3103**

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_121127 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.985$  mho/m;  $\epsilon_r = 53.972$ ;  $\rho$

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

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch6/Area Scan (81x131x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 0.161 mW/g

**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.144 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.221 mW/g

**SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.059 mW/g**

Maximum value of SAR (measured) = 0.164 mW/g

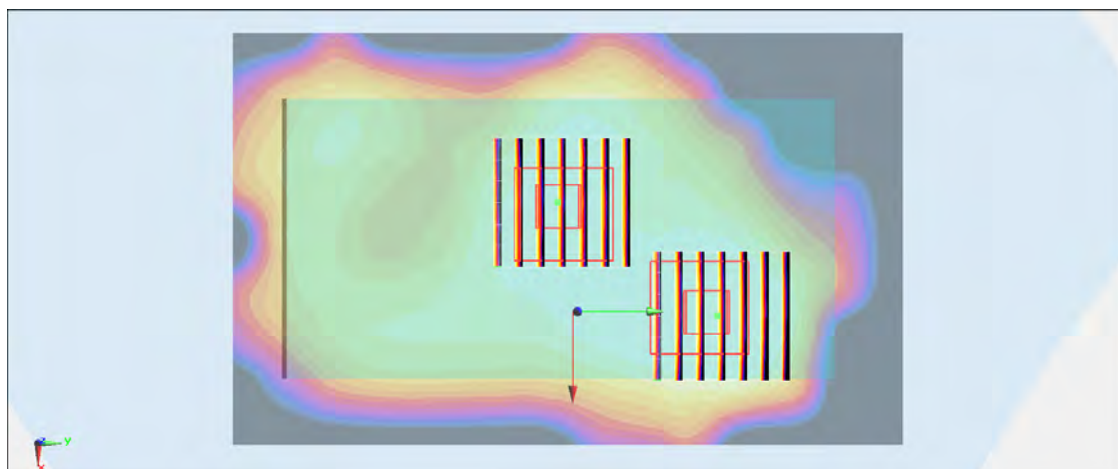
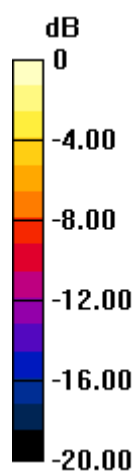
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.144 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.141 mW/g

**SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.043 mW/g**

Maximum value of SAR (measured) = 0.108 mW/g



0 dB = 0.108 mW/g = -19.33 dB mW/g