

**#01\_GSM850\_GPRS(2Tx slots)\_Left Cheek\_Ch128**

Communication System: GPRS/EDGE (2 Tx slots) (0); Frequency: 824.2 MHz; Duty Cycle: 1:4.15  
Medium: HSL\_835\_150415 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.894$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(9.41, 9.41, 9.41); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

**Ch128/Area Scan (61x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.767 mW/g

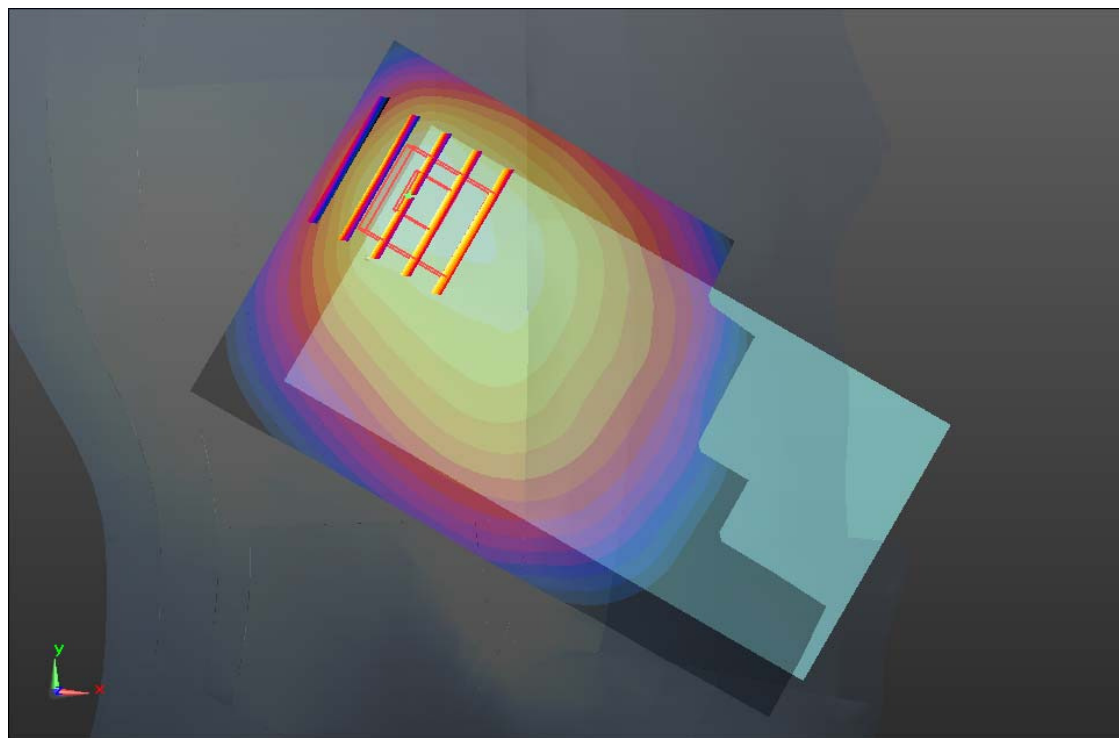
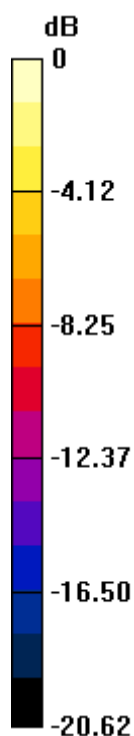
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.615 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.187 W/kg

**SAR(1 g) = 1.090 mW/g; SAR(10 g) = 0.643 mW/g**

Maximum value of SAR (measured) = 1.532 mW/g



0 dB = 1.530mW/g

**#02\_GSM1900\_GSM Voice\_Left Cheek\_Ch810**

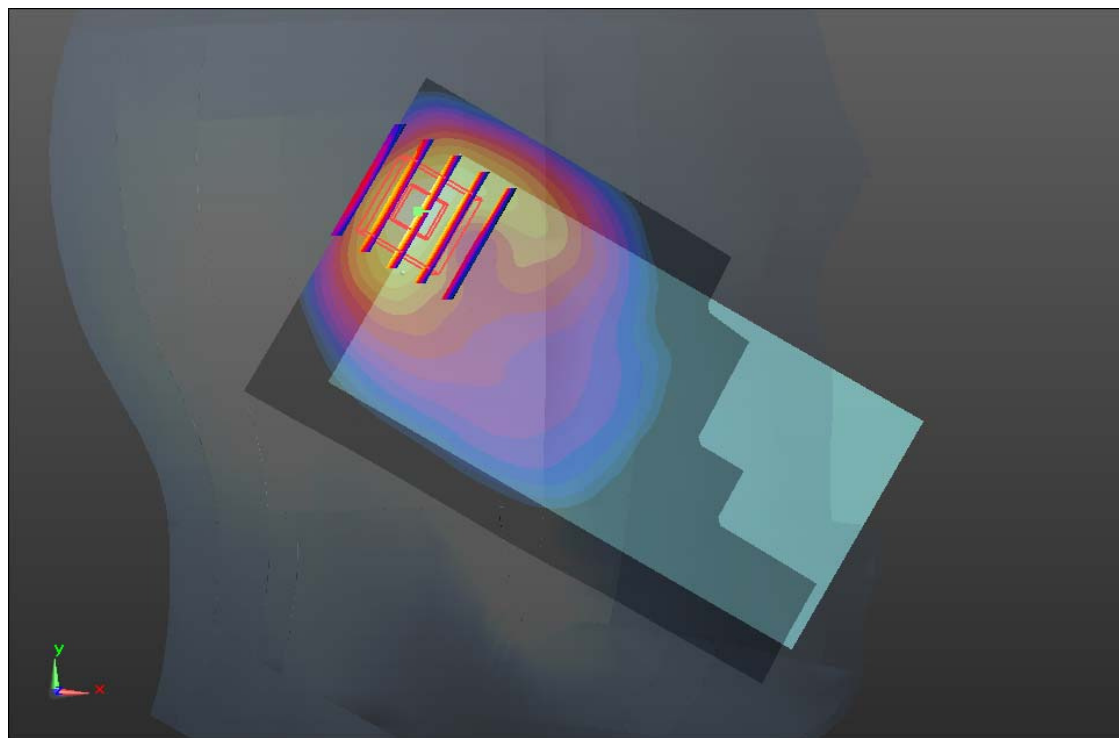
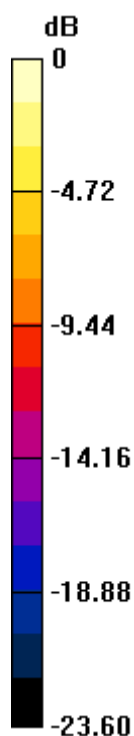
Communication System: General GSM (0); Frequency: 1909.8 MHz; Duty Cycle: 1:8.3  
Medium: HSL\_1900\_150415 Medium parameters used:  $f = 1909.8$  MHz;  $\sigma = 1.434$  mho/m;  $\epsilon_r = 38.942$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(8.4, 8.4, 8.4); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

**Ch810/Area Scan (61x111x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.557 mW/g

**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 17.596 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 2.119 W/kg  
**SAR(1 g) = 0.959 mW/g; SAR(10 g) = 0.406 mW/g**  
Maximum value of SAR (measured) = 1.595 mW/g



0 dB = 1.600mW/g





**#05\_LTE Band 4\_20M\_QPSK(50,0)\_Left Cheek\_Ch20175**

Communication System: FDD\_LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_150217 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.355$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.55, 8.55, 8.55); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

**Ch20175/Area Scan (61x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.084 mW/g

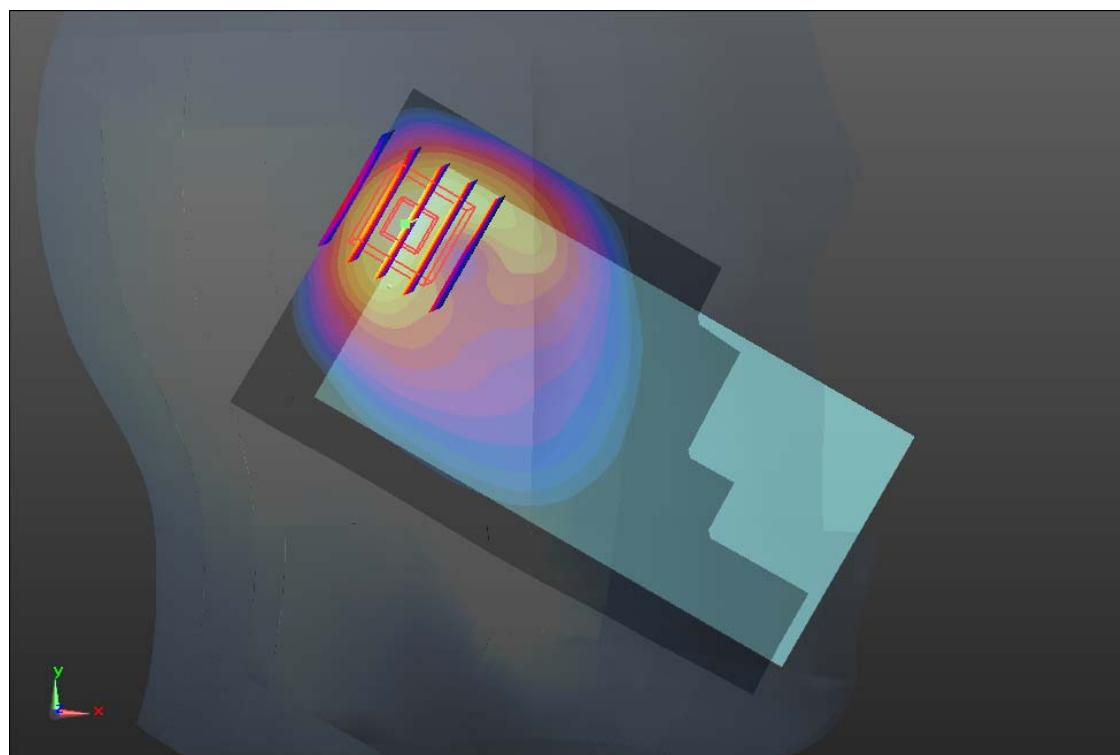
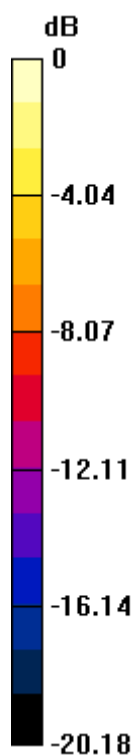
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.475 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.707 W/kg

**SAR(1 g) = 1.330 mW/g; SAR(10 g) = 0.612 mW/g**

Maximum value of SAR (measured) = 2.067 mW/g



0 dB = 2.070mW/g

**#06\_LTE Band 2\_20M\_QPSK(1,0)\_Left Cheek\_Ch19100**

Communication System: FDD\_LTE (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_150216 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.425$  mho/m;  $\epsilon_r =$

$38.906$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.4, 8.4, 8.4); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

**Ch19100/Area Scan (61x111x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (interpolated) = 1.958 mW/g

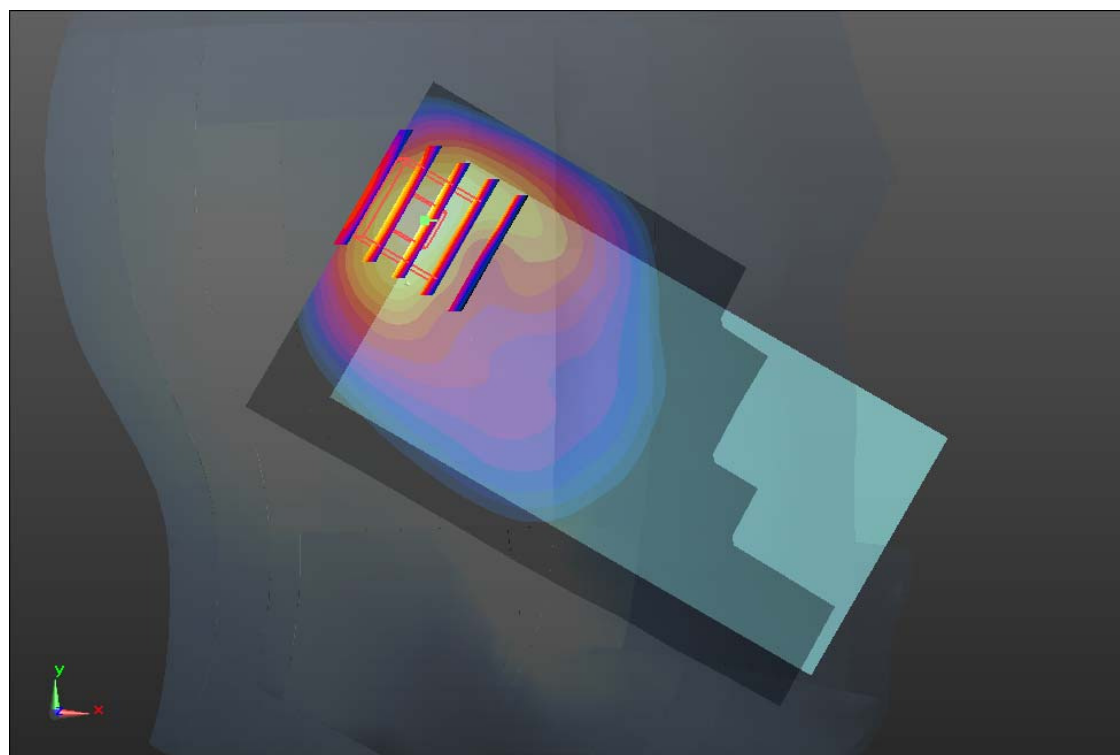
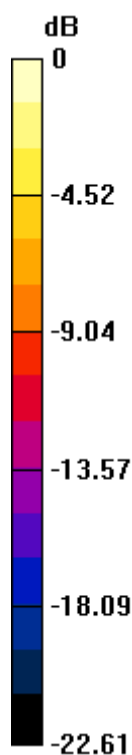
**Ch19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 19.391 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.580 W/kg

**SAR(1 g) = 1.210 mW/g; SAR(10 g) = 0.522 mW/g**

Maximum value of SAR (measured) = 2.022 mW/g



0 dB = 2.020mW/g



**#08\_WLAN 2.4GHz\_802.11b\_1Mbps\_Right Cheek\_Ch11**

Communication System: WIFI (0); Frequency: 2462 MHz; Duty Cycle: 1:1.024

Medium: HSL\_2450\_150416 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.856$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.48, 7.48, 7.48); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

**Ch11/Area Scan (81x141x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.394 mW/g

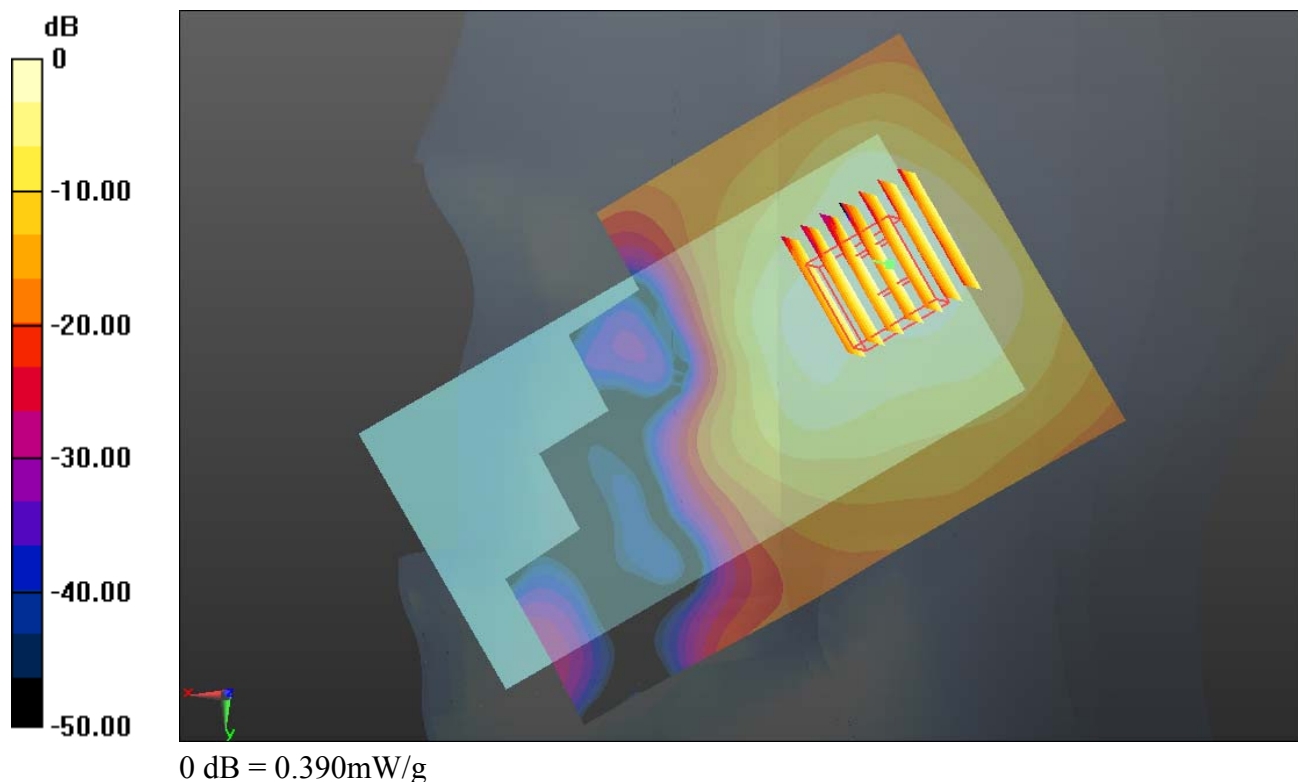
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.551 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.587 W/kg

**SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.113 mW/g**

Maximum value of SAR (measured) = 0.394 mW/g







**#11\_WCDMA Band V\_RMC12.2Kbps\_Left Side 1cm\_Ch4132**

Communication System: UMTS (0); Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL\_835\_150304 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.974$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.31, 9.31, 9.31); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

**Ch4132/Area Scan (41x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.912 mW/g

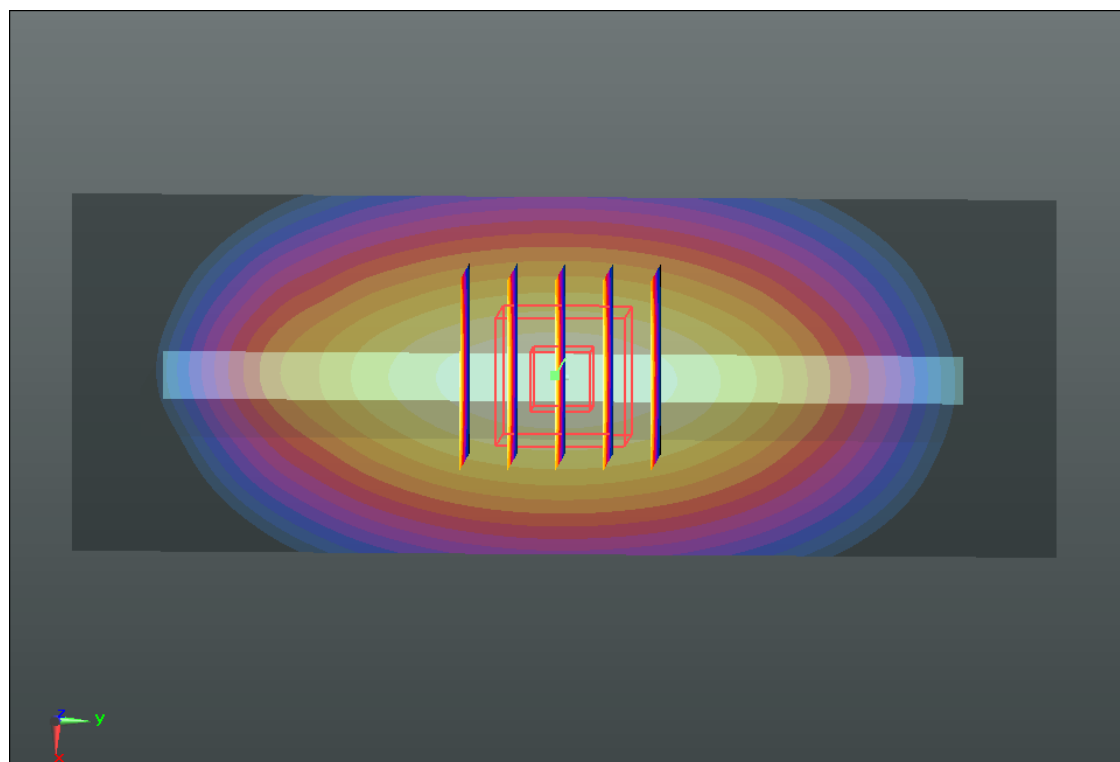
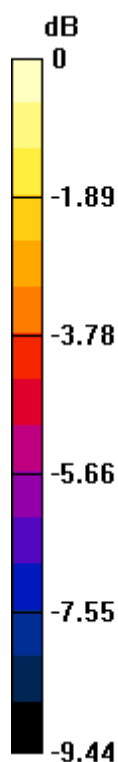
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.683 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.040 W/kg

**SAR(1 g) = 0.743 mW/g; SAR(10 g) = 0.514 mW/g**

Maximum value of SAR (measured) = 0.910 mW/g



0 dB = 0.910mW/g





**#14\_LTE Band 2\_20M\_QPSK(1,49)\_Front 1cm\_Ch19100**

Communication System: FDD\_LTE (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_150228 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.552$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.9 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.56, 7.56, 7.56); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

**Ch19100/Area Scan (61x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.617 mW/g

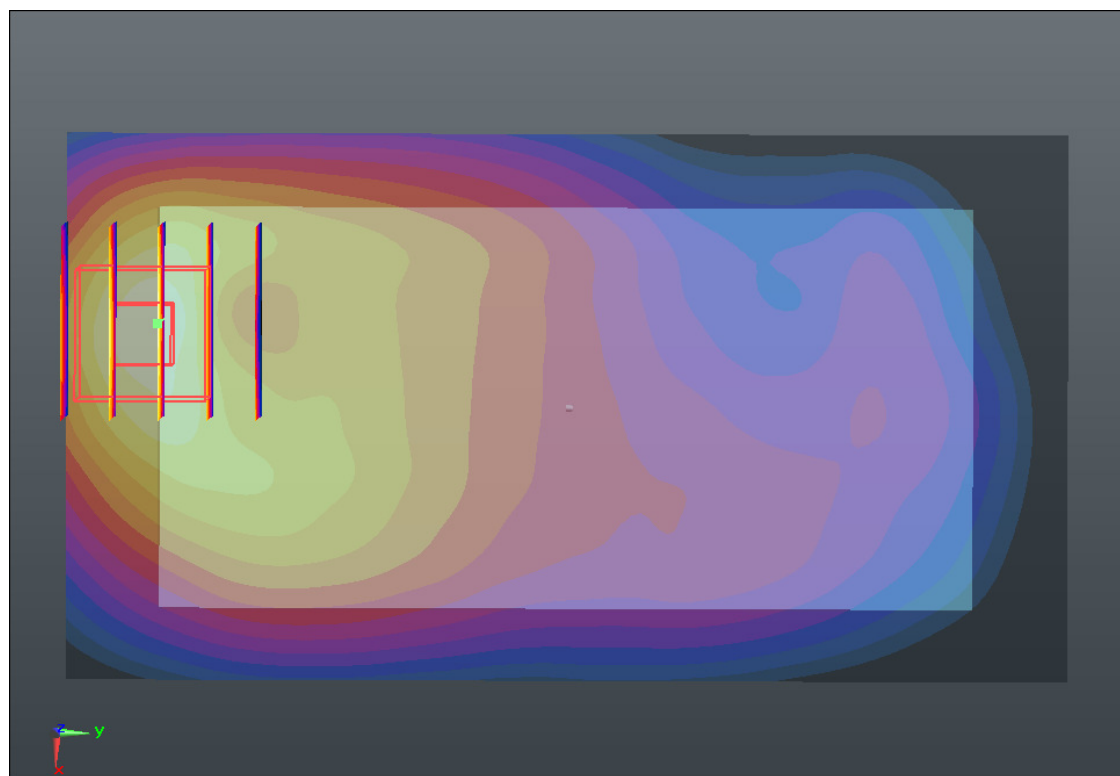
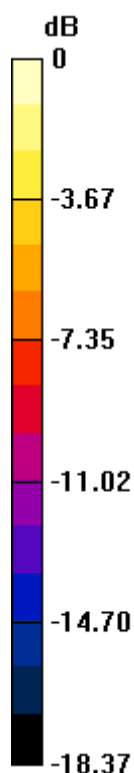
**Ch19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.423 V/m; Power Drift = -0.0063 dB

Peak SAR (extrapolated) = 2.015 W/kg

**SAR(1 g) = 1.170 mW/g; SAR(10 g) = 0.608 mW/g**

Maximum value of SAR (measured) = 1.620 mW/g



0 dB = 1.620mW/g

**#15\_LTE Band 7\_20M\_QPSK(50,0)\_Bottom Side 1cm\_Ch20850**

Communication System: FDD\_LTE (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_150326 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.113$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.82, 6.82, 6.82); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

**Ch20850/Area Scan (41x81x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.840 mW/g

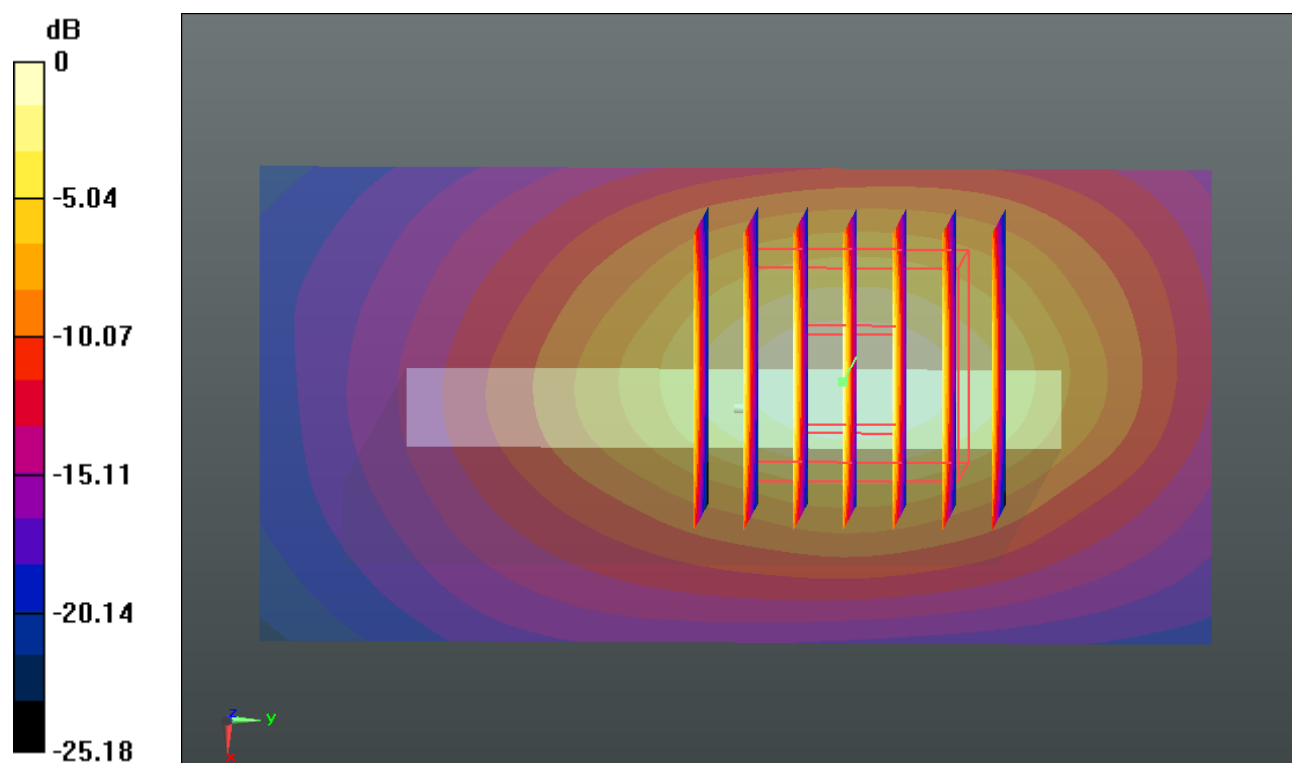
**Ch20850/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.832 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.442 W/kg

**SAR(1 g) = 1.180 mW/g; SAR(10 g) = 0.525 mW/g**

Maximum value of SAR (measured) = 1.812 mW/g



**#16\_WLAN 2.4GH\_802.11b\_1Mbps\_Back 1cm\_Ch11**

Communication System: WIFI (0); Frequency: 2462 MHz; Duty Cycle: 1:1.024

Medium: MSL\_2450\_150416 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.959$  mho/m;  $\epsilon_r =$

$50.912$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature :  $23.6$  °C; Liquid Temperature :  $22.7$  °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.14, 7.14, 7.14); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

**Ch11/Area Scan (81x141x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (interpolated) =  $1.488$  mW/g

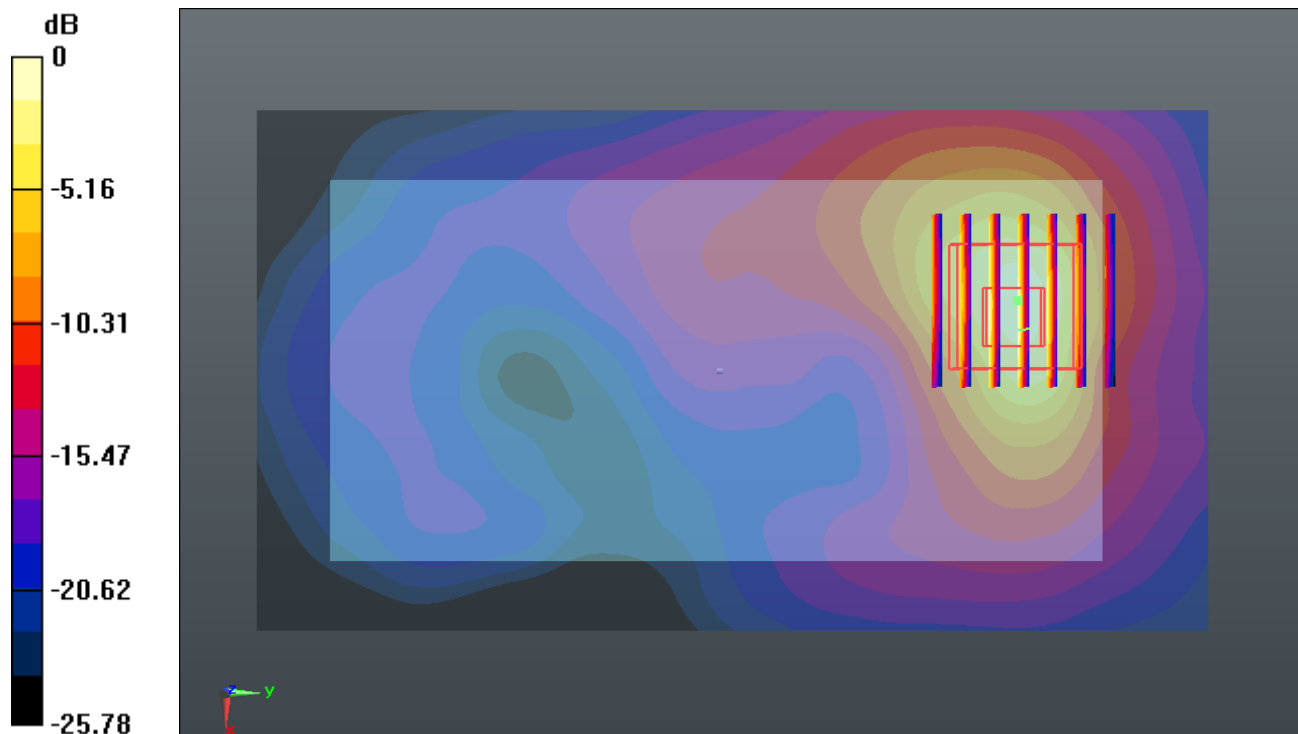
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value =  $4.273$  V/m; Power Drift =  $0.08$  dB

Peak SAR (extrapolated) =  $2.589$  W/kg

**SAR(1 g) =  $1.140$  mW/g; SAR(10 g) =  $0.470$  mW/g**

Maximum value of SAR (measured) =  $1.794$  mW/g



0 dB =  $1.790$  mW/g













**#23\_LTE Band 7\_20M\_QPSK(1,0)\_Back 1.5cm\_Ch20850**

Communication System: FDD\_LTE (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_150301 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.085$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.82, 6.82, 6.82); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

**Ch20850/Area Scan (81x141x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.612 mW/g

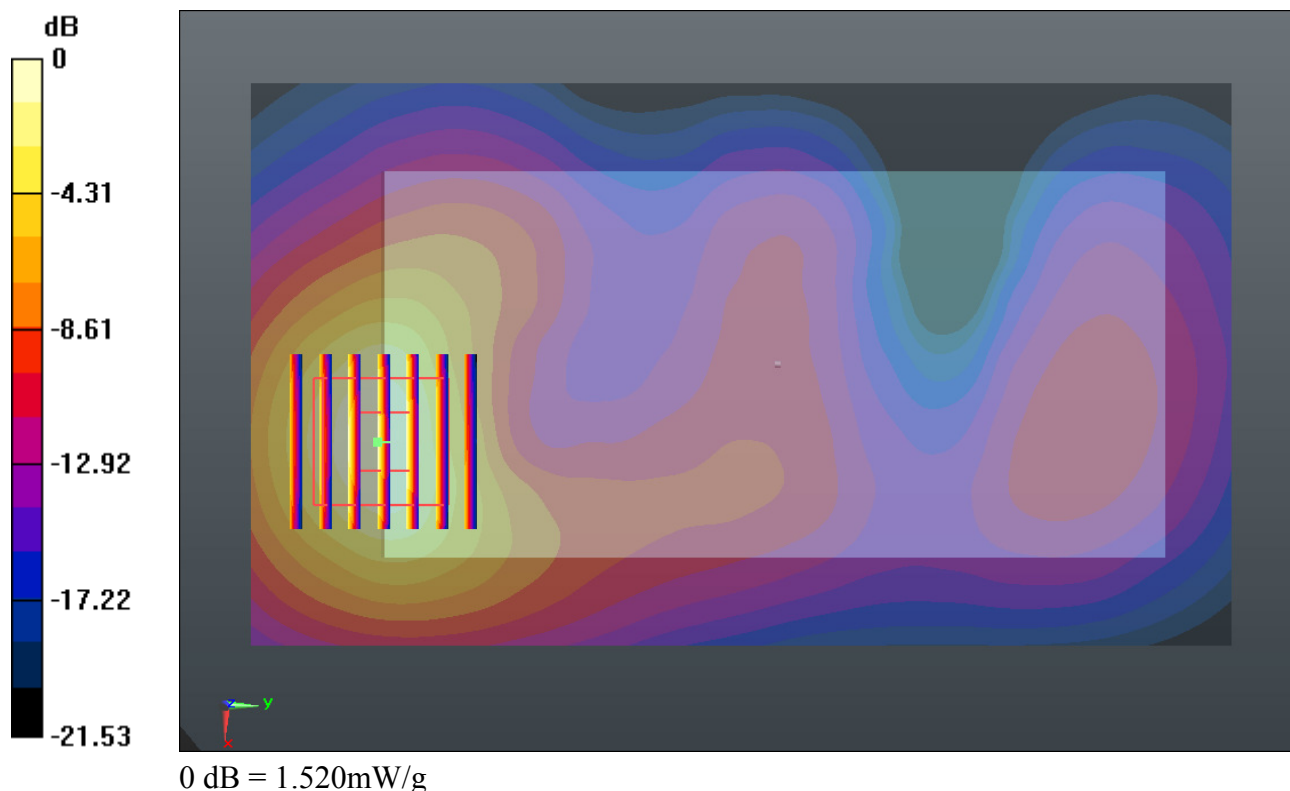
**Ch20850/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.021 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.989 W/kg

**SAR(1 g) = 1.050 mW/g; SAR(10 g) = 0.520 mW/g**

Maximum value of SAR (measured) = 1.521 mW/g



**#24\_WLAN 2.4GHz\_802.11b\_1Mbps\_Back 1.5cm\_Ch11**

Communication System: WIFI (0); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_150416 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.959$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.0 °C; Liquid Temperature : 22.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.14, 7.14, 7.14); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

**Ch11/Area Scan (81x141x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.597 mW/g

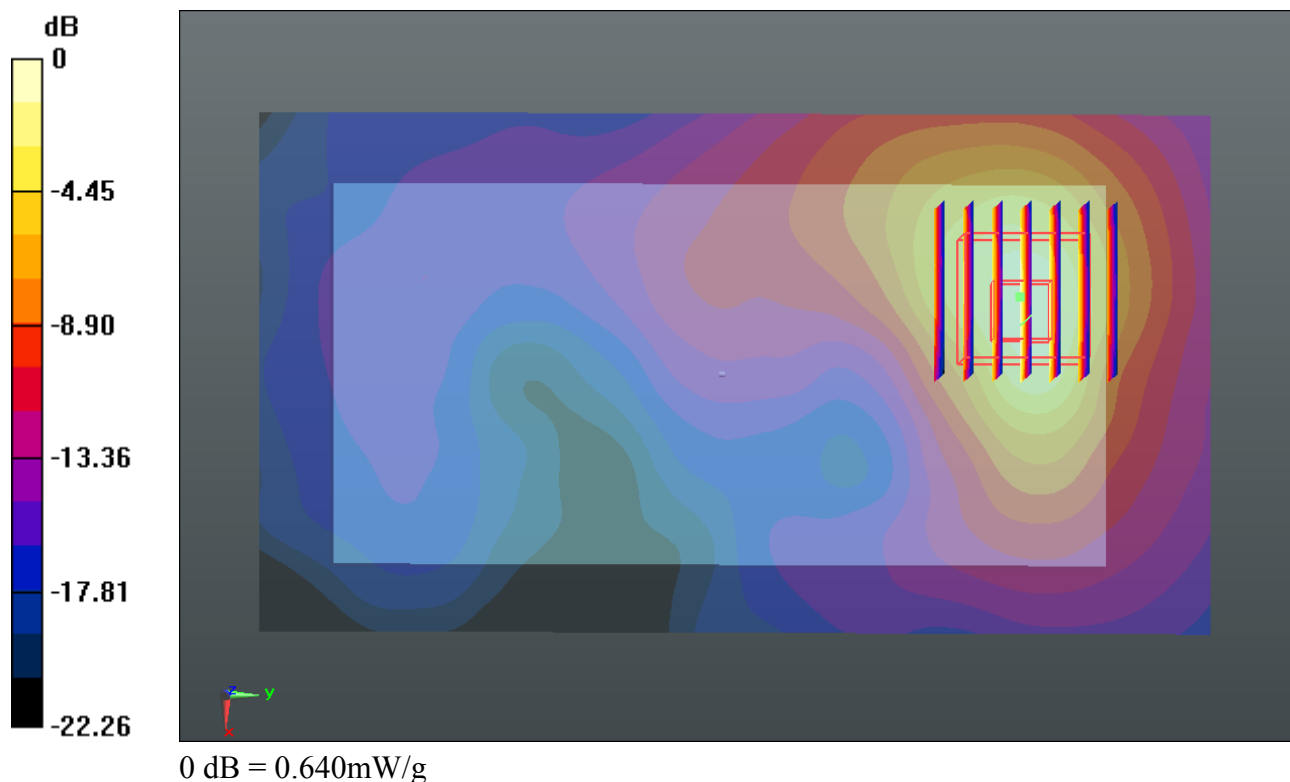
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.544 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 0.872 W/kg

**SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.196 mW/g**

Maximum value of SAR (measured) = 0.635 mW/g



# **#01-1 GSM850\_GPRS (2 Tx slots)\_Left Cheek\_Ch128**

Communication System: UID 0, GPRS (GMSK 2 Tx slot) (0); Frequency: 824.2 MHz; Duty Cycle: 1:4.15

Medium: HSL\_835\_150528 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.908$  S/m;  $\epsilon_r = 42.316$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.62, 9.62, 9.62); Calibrated: 2014/10/2;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/4/28
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch128/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.60 W/kg

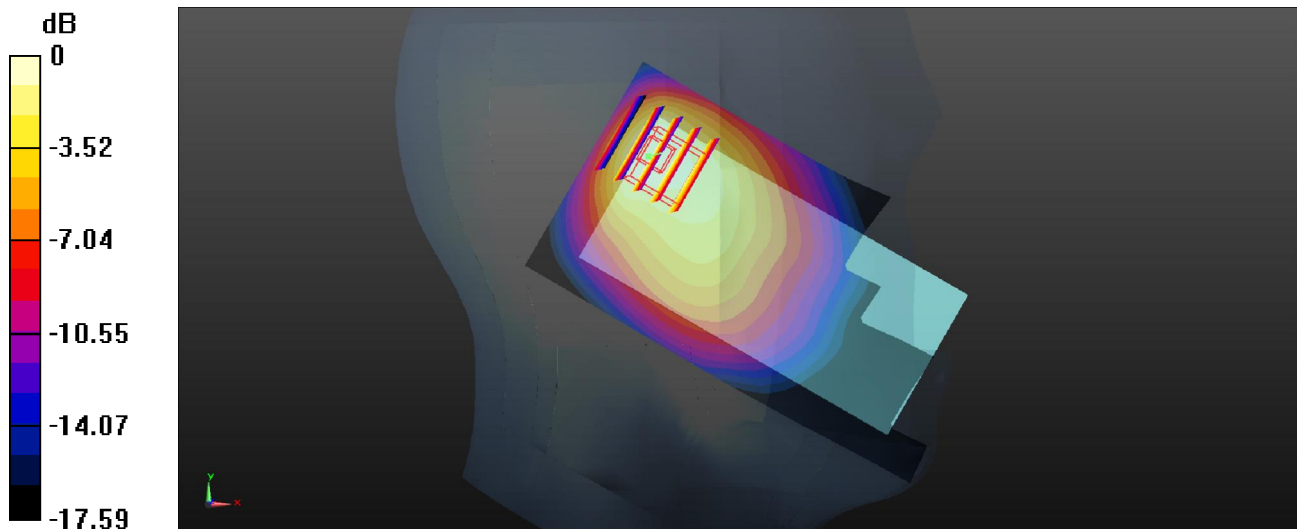
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.95 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.82 W/kg

**SAR(1 g) = 0.926 W/kg; SAR(10 g) = 0.569 W/kg**

Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg

## #02-1 GSM1900\_GSM Voice\_Left Cheek\_Ch810

Communication System: UID 0, GSM Voice (0); Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_150531 Medium parameters used:  $f = 1909.8$  MHz;  $\sigma = 1.466$  S/m;  $\epsilon_r = 40.792$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.9 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.95, 7.95, 7.95); Calibrated: 2014/10/2;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/4/28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch810/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.22 W/kg

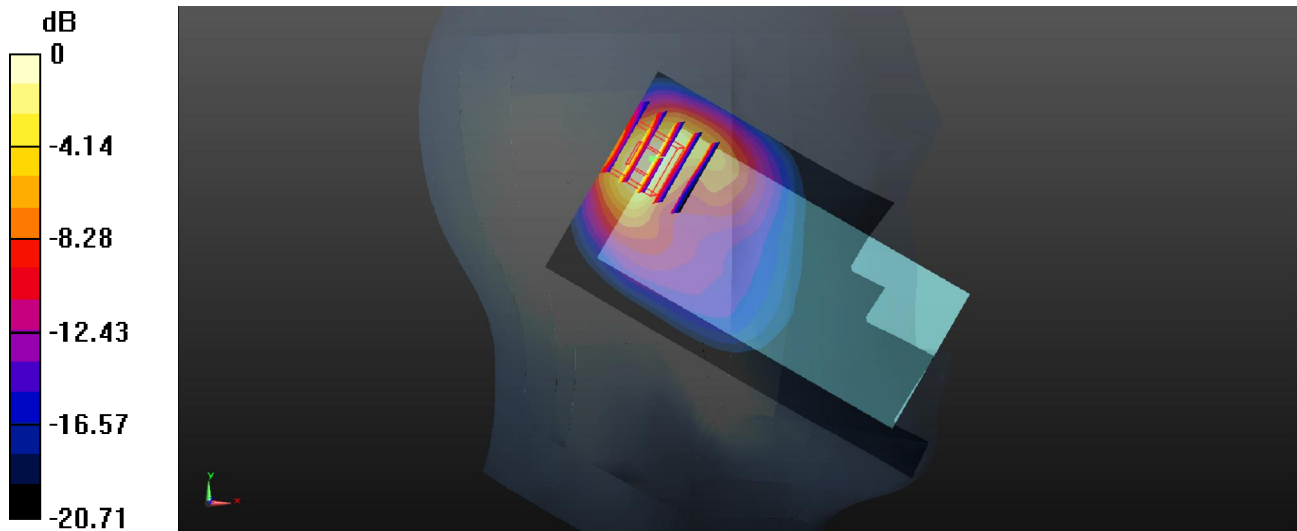
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.37 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.65 W/kg

**SAR(1 g) = 0.786 W/kg; SAR(10 g) = 0.342 W/kg**

Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2015/5/28

# **#04-1 WCDMA Band IV\_RMC 12.2Kbps\_Left Cheek\_Ch1513**

Communication System: UID 0, WCDMA (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_150523 Medium parameters used:  $f = 1752.6 \text{ MHz}$ ;  $\sigma = 1.398 \text{ S/m}$ ;  $\epsilon_r = 41.228$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.18, 8.18, 8.18); Calibrated: 2014/10/2;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/4/28
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch1513/Area Scan (61x111x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $1.53 \text{ W/kg}$

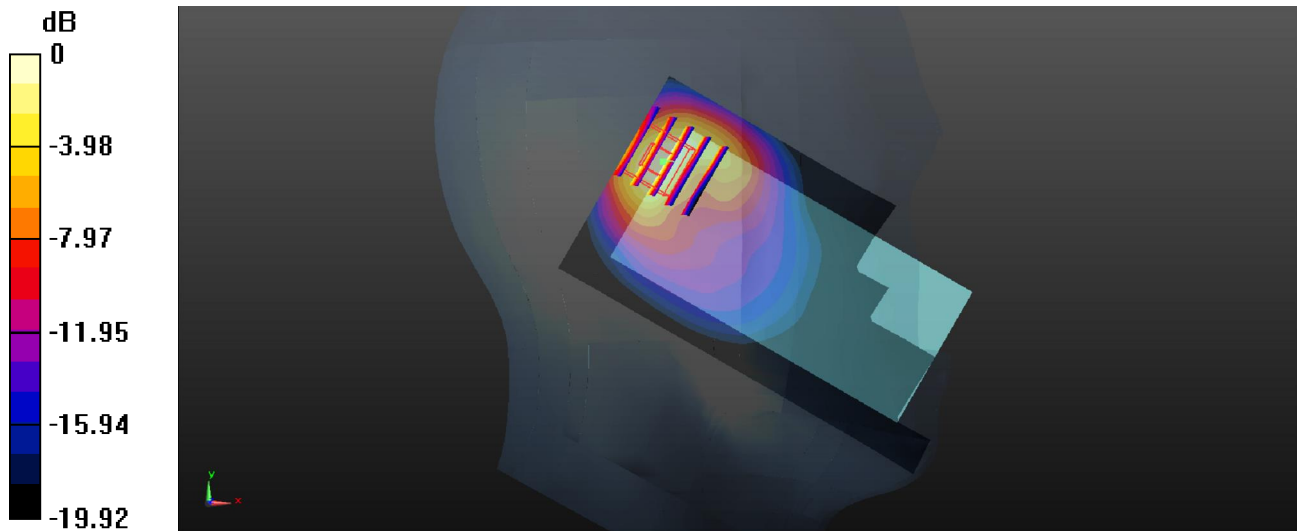
**Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $18.26 \text{ V/m}$ ; Power Drift =  $0.12 \text{ dB}$

Peak SAR (extrapolated) =  $2.06 \text{ W/kg}$

**SAR(1 g) =  $0.983 \text{ W/kg}$ ; SAR(10 g) =  $0.440 \text{ W/kg}$**

Maximum value of SAR (measured) =  $1.41 \text{ W/kg}$



0 dB =  $1.41 \text{ W/kg}$

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2015/5/31

**#05-1 WCDMA Band II\_RMC 12.2Kbps\_Left Tilted\_Ch9538**

Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1

Medium: HSL\_1900\_150531 Medium parameters used: f=

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2015/5/28



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2015/5/28

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2015/5/23

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2015/5/31

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2015/6/2



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2015/5/30

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2015/5/31

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2015/5/30

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2015/5/29

**#1**

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2015/5/31

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2015/5/29



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2015/5/30

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2015/5/29

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2015/5/31

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2015/6/3



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2015/5/30

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2015/5/31

# **#27-1 WCDMA Band V\_RMC 12.2Kbps\_Back\_1.5cm\_Ch4233**

Communication System: UID 0, WCDMA (0); Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL\_835\_150530 Medium parameters used:  $f = 846.6 \text{ MHz}$ ;  $\sigma = 0.987 \text{ S/m}$ ;  $\epsilon_r = 54.286$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.3 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.66, 9.66, 9.66); Calibrated: 2014/10/2;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/4/28
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch4233/Area Scan (61x101x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.617 \text{ W/kg}$

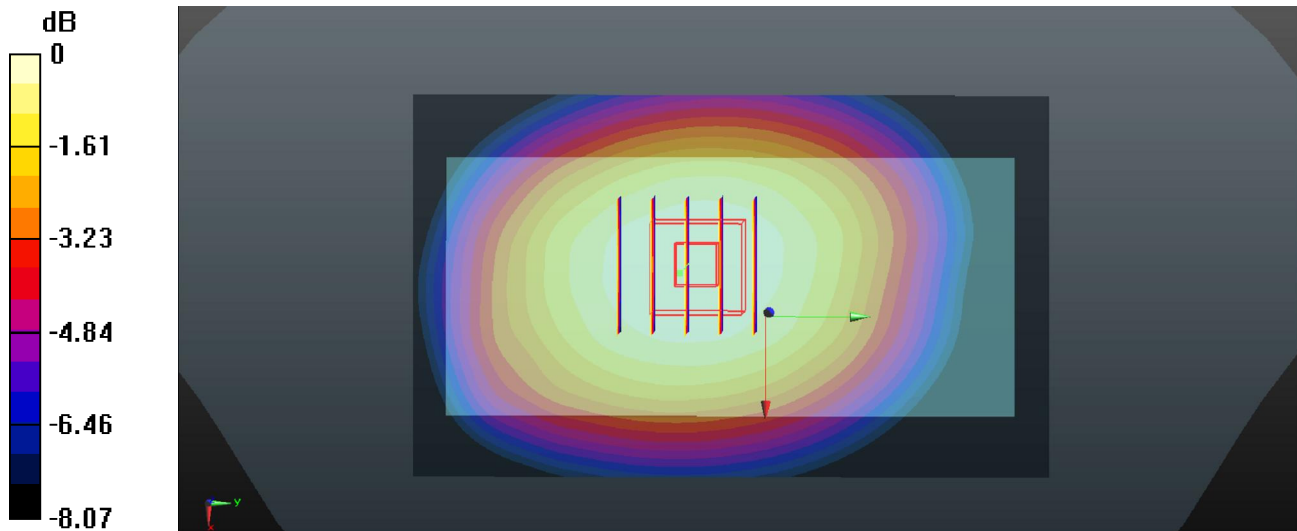
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $23.21 \text{ V/m}$ ; Power Drift =  $0.02 \text{ dB}$

Peak SAR (extrapolated) =  $0.684 \text{ W/kg}$

**SAR(1 g) =  $0.535 \text{ W/kg}$ ; SAR(10 g) =  $0.409 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.617 \text{ W/kg}$



0 dB =  $0.617 \text{ W/kg}$

# **#28-1 WCDMA Band IV\_RMC 12.2Kbps\_Front\_1.5cm\_Ch1312**

Communication System: UID 0, WCDMA (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1750\_150529 Medium parameters used:  $f = 1712.4 \text{ MHz}$ ;  $\sigma = 1.452 \text{ S/m}$ ;  $\epsilon_r = 53.496$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.7 \text{ }^\circ\text{C}$

## DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.93, 7.93, 7.93); Calibrated: 2014/10/2;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/4/28
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch1312/Area Scan (61x111x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.797 \text{ W/kg}$

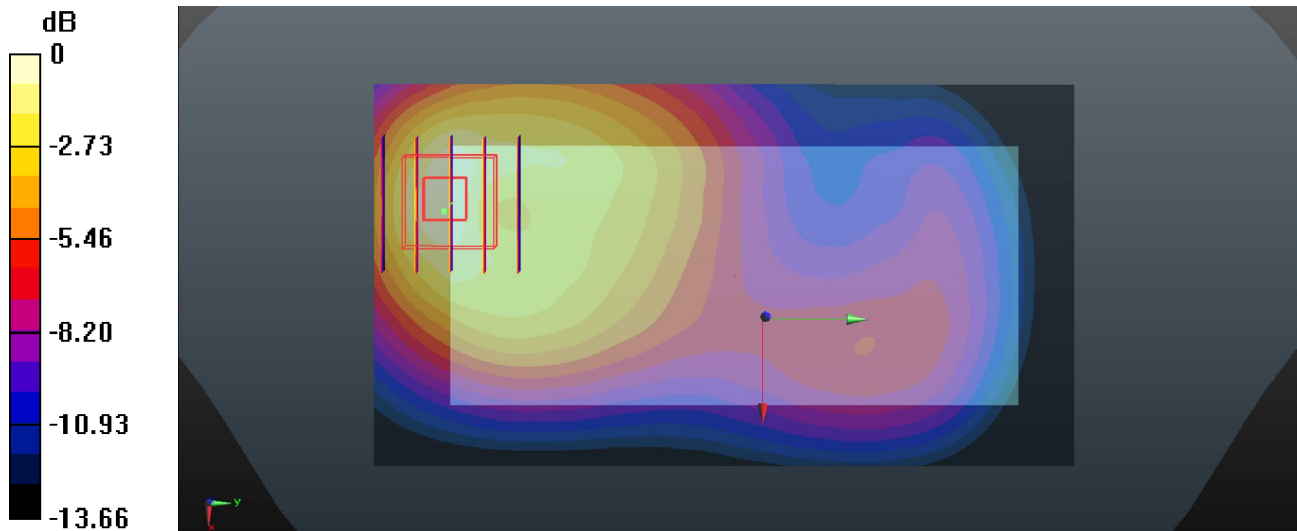
**Ch1312/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $9.447 \text{ V/m}$ ; Power Drift =  $0.08 \text{ dB}$

Peak SAR (extrapolated) =  $0.923 \text{ W/kg}$

**SAR(1 g) =  $0.600 \text{ W/kg}$ ; SAR(10 g) =  $0.358 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.784 \text{ W/kg}$



0 dB =  $0.784 \text{ W/kg}$

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2015/5/31

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2015/5/29



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2015/5/30

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2015/5/29

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2015/5/31

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2015/6/3

