

## #01\_GSM850\_GPRS (3 Tx slots)\_Left Cheek\_Ch128

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2.77

Medium: HSL\_850\_141203 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.894$  mho/m;  $\epsilon_r = 41.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.59, 8.59, 8.59); Calibrated: 2014/6/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch128/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.620 mW/g

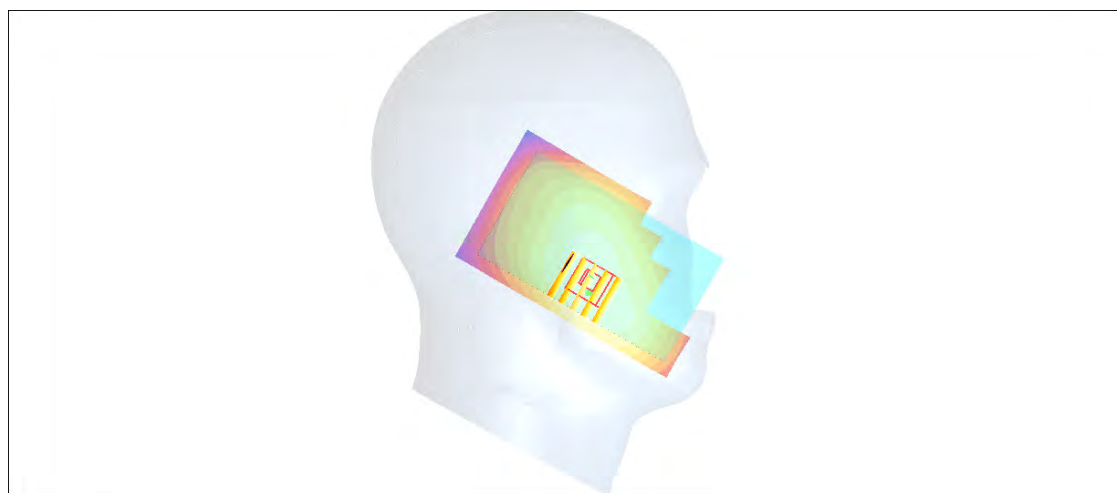
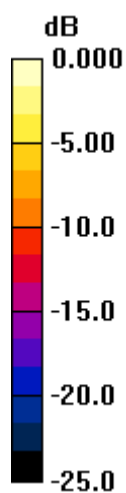
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.6 V/m; Power Drift = 0.070 dB

Peak SAR (extrapolated) = 0.664 W/kg

**SAR(1 g) = 0.518 mW/g; SAR(10 g) = 0.392 mW/g**

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



0 dB = 0.594mW/g

## #02\_GSM1900\_GPRS (4 Tx slots)\_Left Cheek\_Ch661

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2.08

Medium: HSL\_1900\_141203 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.35, 7.35, 7.35); Calibrated: 2014/6/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch661/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.10 mW/g

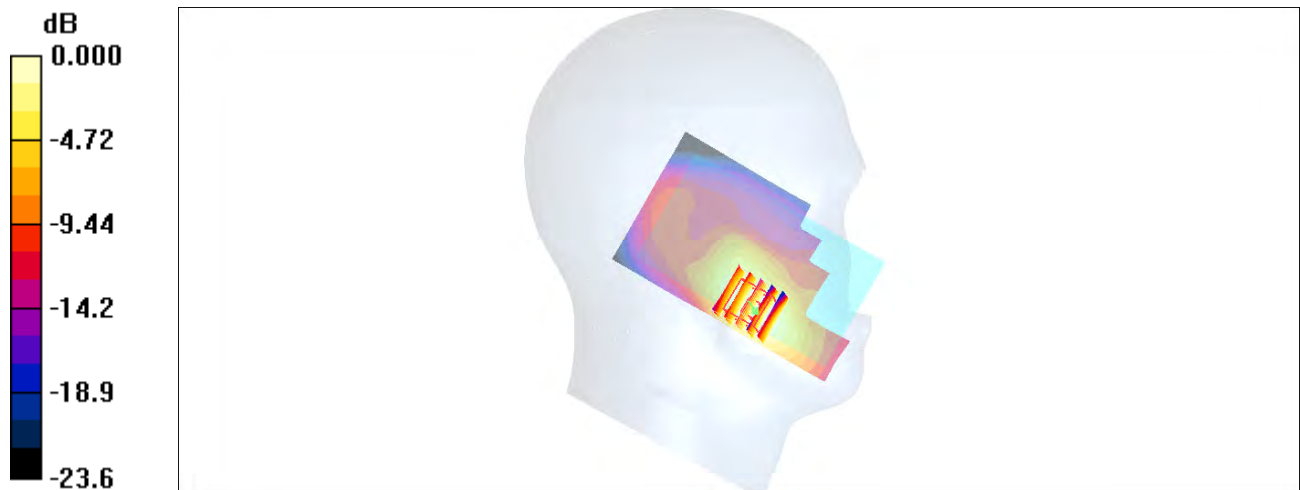
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.1 V/m; Power Drift = 0.069 dB

Peak SAR (extrapolated) = 1.26 W/kg

**SAR(1 g) = 0.828 mW/g; SAR(10 g) = 0.511 mW/g**

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



0 dB = 1.07mW/g

### #03\_WCDMA V\_RMC 12.2Kbps\_Left Cheek\_Ch4182

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_141203 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.906$  mho/m;  $\epsilon_r = 41.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.59, 8.59, 8.59); Calibrated: 2014/6/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch4182/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.447 mW/g

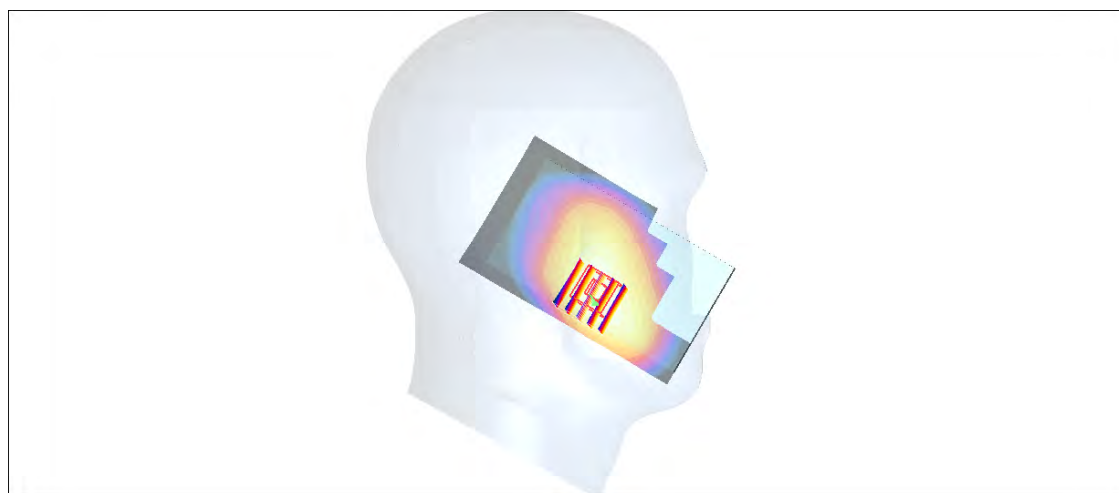
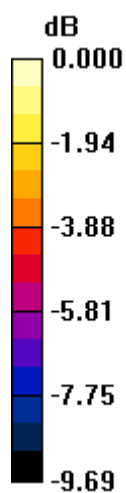
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.1 V/m; Power Drift = 0.105 dB

Peak SAR (extrapolated) = 0.475 W/kg

**SAR(1 g) = 0.370 mW/g; SAR(10 g) = 0.280 mW/g**

Maximum value of SAR (measured) = 0.427 mW/g



0 dB = 0.427mW/g

### #04\_WCDMA II\_RMC 12.2Kbps\_Left Cheek\_Ch9400

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

Medium: HSL\_1900\_141203 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.35, 7.35, 7.35); Calibrated: 2014/6/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch9400/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.50 mW/g

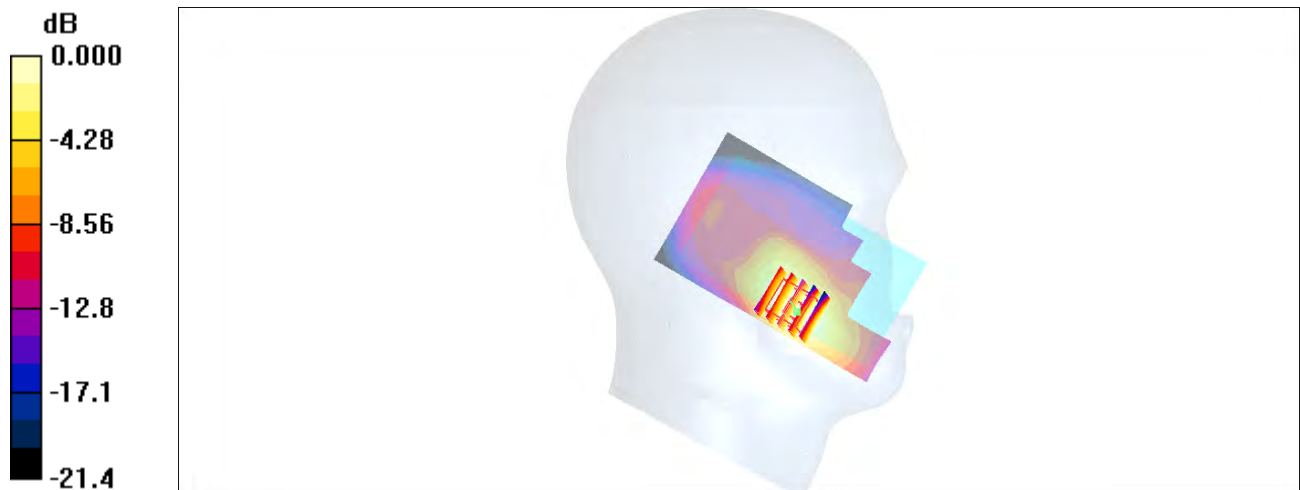
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.5 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 1.72 W/kg

**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.694 mW/g**

Maximum value of SAR (measured) = 1.45 mW/g



0 dB = 1.45mW/g

### #05\_CDMA2000 BC0\_1xRTT RC3 SO55\_Right Cheek\_Ch777

Communication System: CDMA ; Frequency: 848.31 MHz;Duty Cycle: 1:1

Medium: HSL\_850\_141203 Medium parameters used :  $f = 848.31$  MHz;  $\sigma = 0.917$  mho/m;  $\epsilon_r = 41$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.59, 8.59, 8.59); Calibrated: 2014/6/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch777/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.402 mW/g

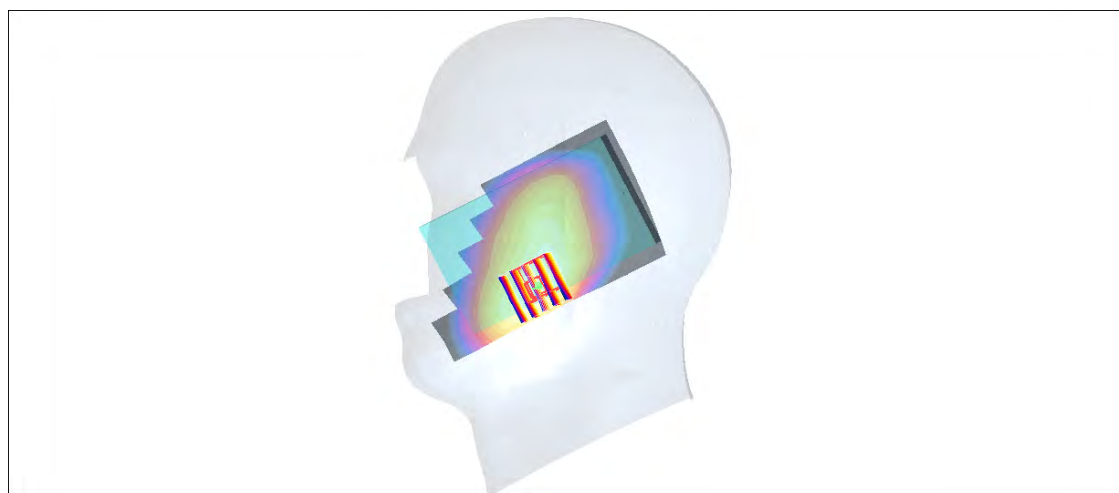
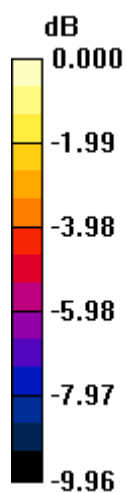
**Ch777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.1 V/m; Power Drift = 0.030 dB

Peak SAR (extrapolated) = 0.444 W/kg

**SAR(1 g) = 0.326 mW/g; SAR(10 g) = 0.238 mW/g**

Maximum value of SAR (measured) = 0.390 mW/g



0 dB = 0.390mW/g

### #06\_CDMA2000 BC1\_1xRTT RC3 SO55\_Right Cheek\_Ch25

Communication System: CDMA ; Frequency: 1851.25 MHz;Duty Cycle: 1:1

Medium: HSL\_1900\_141203 Medium parameters used :  $f = 1851.25$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r =$

$39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature :  $23.5$  °C ; Liquid Temperature :  $22.5$  °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.35, 7.35, 7.35); Calibrated: 2014/6/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch25/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.969 mW/g

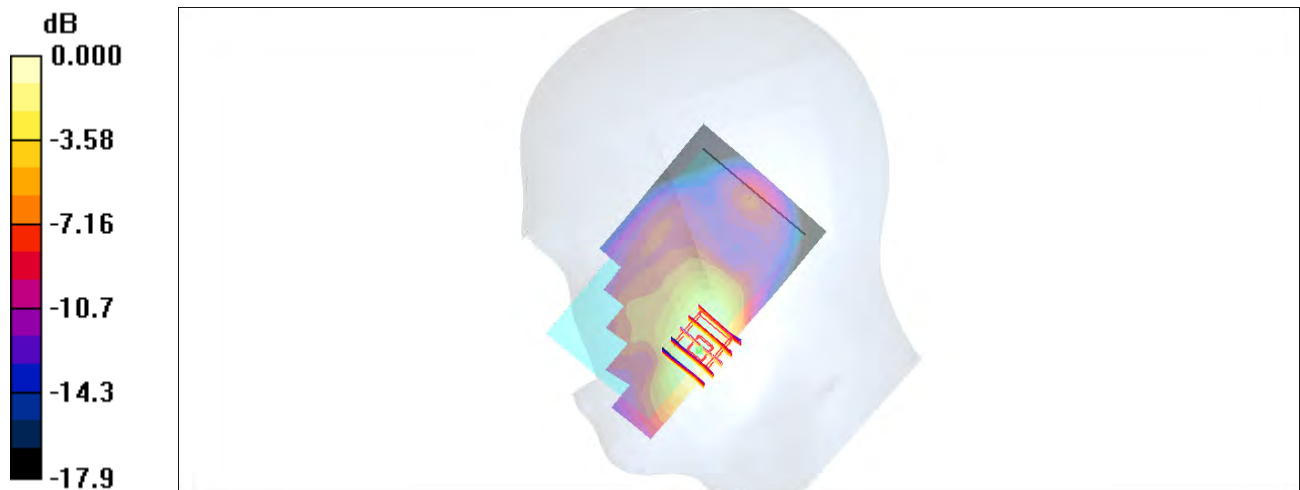
**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.2 V/m; Power Drift = 0.027 dB

Peak SAR (extrapolated) = 1.14 W/kg

**SAR(1 g) = 0.760 mW/g; SAR(10 g) = 0.473 mW/g**

Maximum value of SAR (measured) = 0.973 mW/g



0 dB = 0.973mW/g

### #07\_LTE Band 13\_10M\_QPSK\_1RB\_0offset\_Left Cheek\_Ch23230

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_141203 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.909 \text{ mho/m}$ ;  $\epsilon_r = 40.1$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.95, 8.95, 8.95); Calibrated: 2014/6/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch23230/Area Scan (61x101x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.470 \text{ mW/g}$

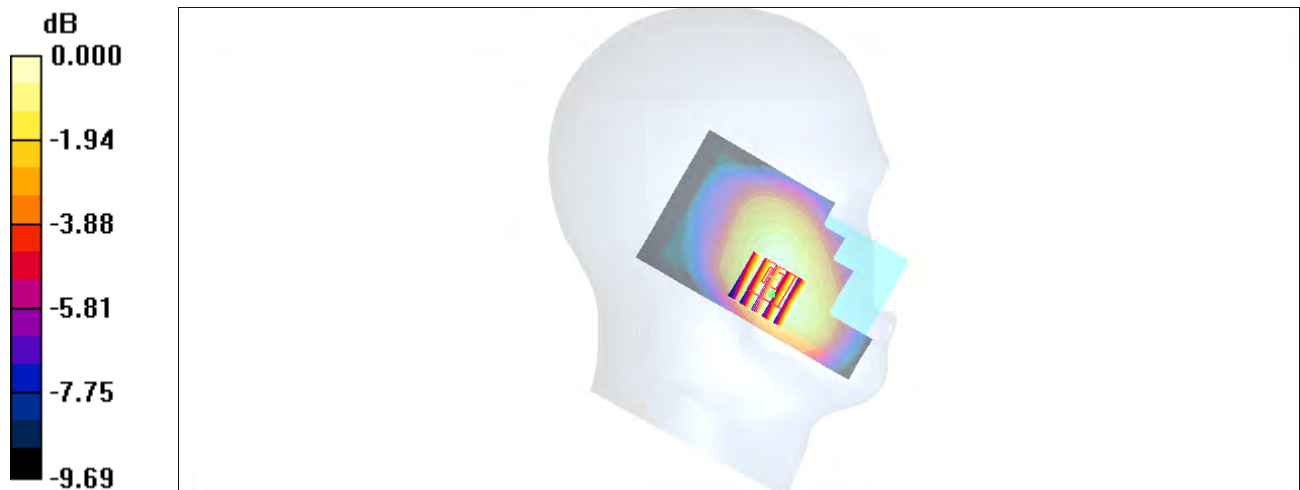
**Ch23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $22.9 \text{ V/m}$ ; Power Drift =  $0.068 \text{ dB}$

Peak SAR (extrapolated) =  $0.503 \text{ W/kg}$

**SAR(1 g) =  $0.408 \text{ mW/g}$ ; SAR(10 g) =  $0.312 \text{ mW/g}$**

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



0 dB =  $0.462\text{mW/g}$

## #08\_LTE Band 4\_20M\_QPSK\_1RB\_0offset\_Left Cheek\_Ch20050

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_141203 Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 39.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.71, 7.71, 7.71); Calibrated: 2014/6/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch20050/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.772 mW/g

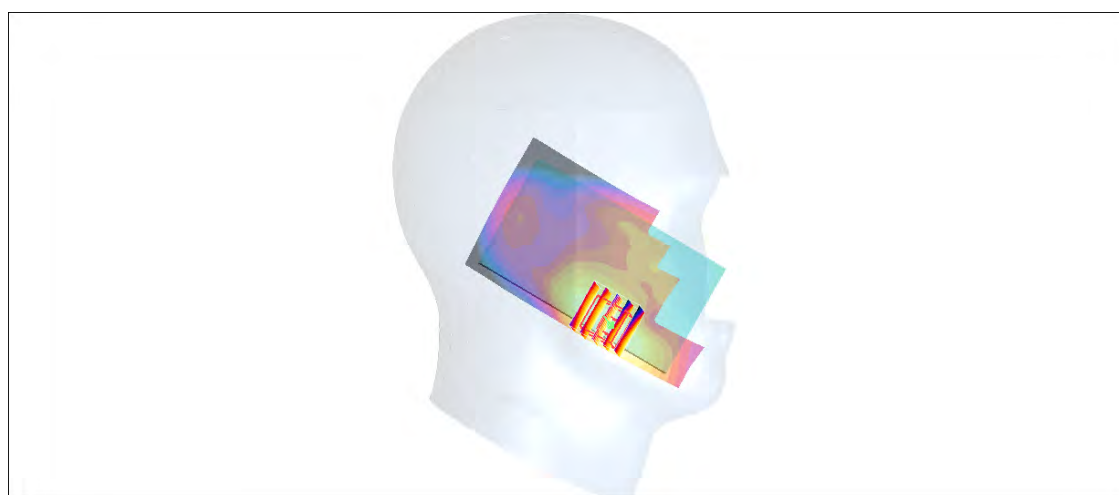
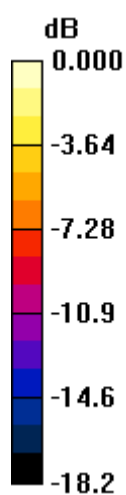
**Ch20050/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.5 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 0.857 W/kg

**SAR(1 g) = 0.582 mW/g; SAR(10 g) = 0.362 mW/g**

Maximum value of SAR (measured) = 0.727 mW/g



0 dB = 0.727mW/g



### #09\_WLAN2.4GHz\_802.11b 1Mbps\_Left Tilted\_Ch6

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

Medium: HSL\_2450\_141203 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.83$  mho/m;  $\epsilon_r = 38.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.5, 6.5, 6.5); Calibrated: 2014/6/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch6/Area Scan (81x131x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.268 mW/g

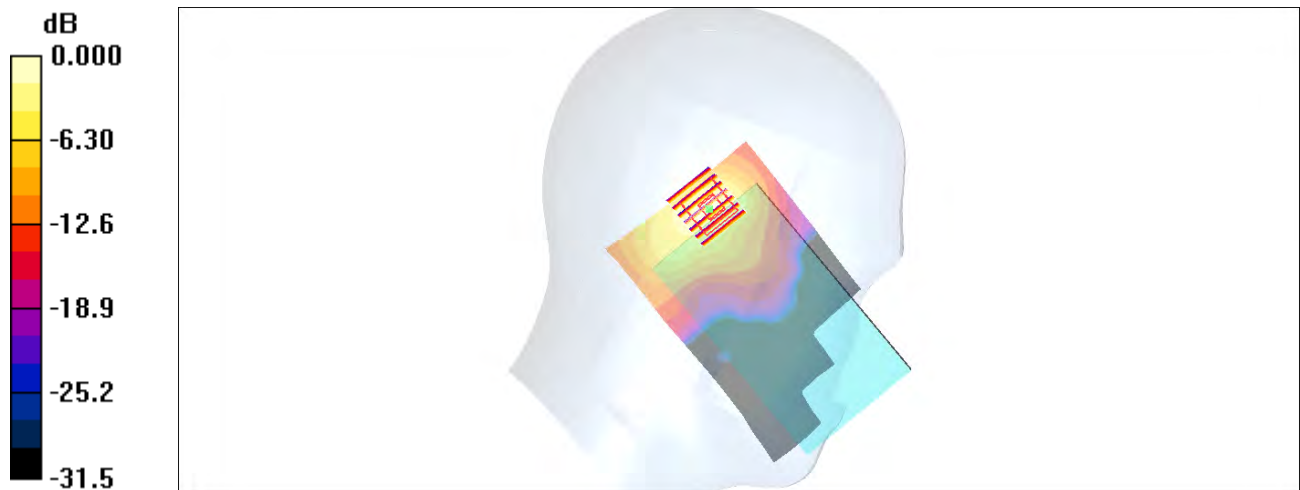
**Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.1 V/m; Power Drift = 0.148 dB

Peak SAR (extrapolated) = 0.508 W/kg

**SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.094 mW/g**

Maximum value of SAR (measured) = 0.354 mW/g



0 dB = 0.354mW/g

### #10\_WLAN5GHz\_802.11a 6Mbps\_Left Cheek\_Ch48

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1.036

Medium: HSL\_5G\_141204 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 4.85$  mho/m;  $\epsilon_r = 35.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.83, 4.83, 4.83); Calibrated: 2014/3/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch48/Area Scan (91x151x1):** Measurement grid: dx=10mm, dy=10mm

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

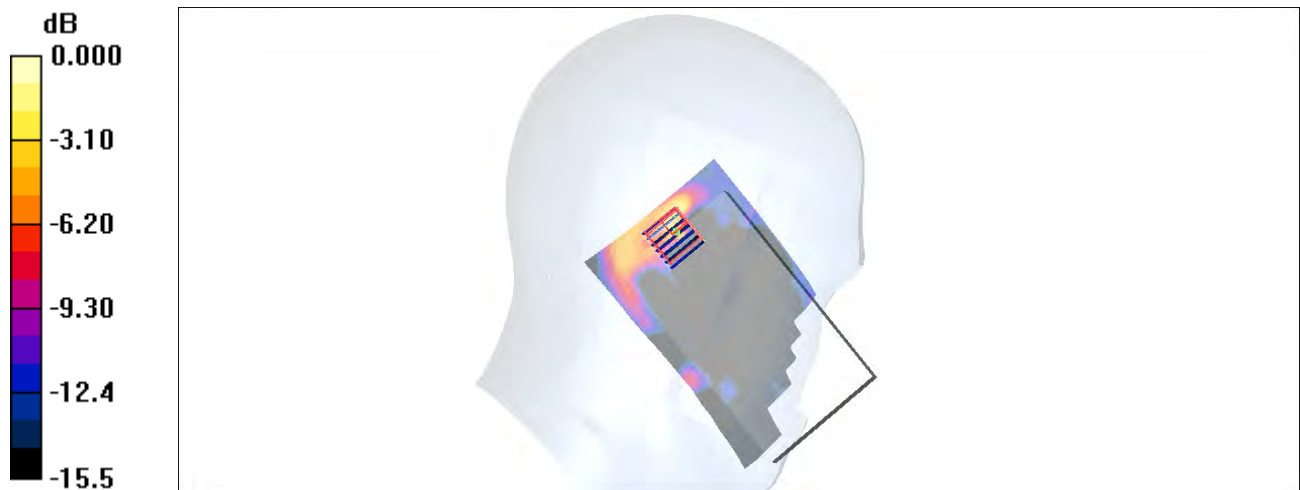
**Ch48/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.1 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 1.09 W/kg

**SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.059 mW/g**

Maximum value of SAR (measured) = 0.699 mW/g



0 dB = 0.699mW/g

### #11\_WLAN5GHz\_802.11a 6Mbps\_Right Cheek\_Ch64

Communication System: 802.11a; Frequency: 5320 MHz;Duty Cycle: 1:1.036

Medium: HSL\_5G\_141204 Medium parameters used:  $f = 5320 \text{ MHz}$ ;  $\sigma = 4.93 \text{ mho/m}$ ;  $\epsilon_r = 35.3$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.4 \text{ }^\circ\text{C}$

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.92, 4.92, 4.92); Calibrated: 2014/3/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch64/Area Scan (91x151x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $0.539 \text{ mW/g}$

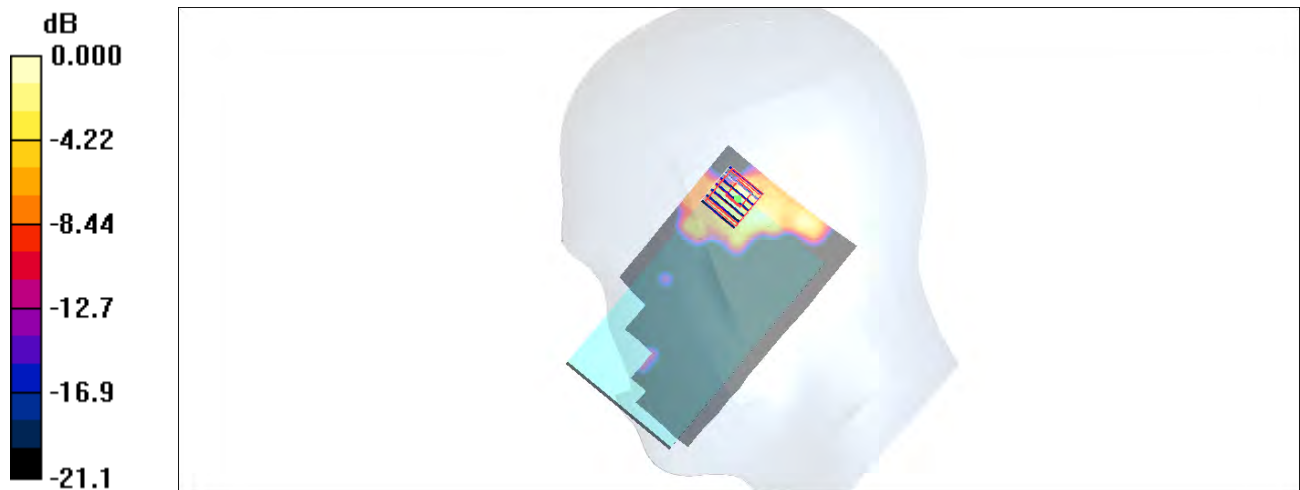
**Ch64/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $11.3 \text{ V/m}$ ; Power Drift =  $-0.108 \text{ dB}$

Peak SAR (extrapolated) =  $1.05 \text{ W/kg}$

**SAR(1 g) =  $0.223 \text{ mW/g}$ ; SAR(10 g) =  $0.062 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.629 \text{ mW/g}$



0 dB = 0.629mW/g

## #12\_WLAN5GHz\_802.11a 6Mbps\_Right Cheek\_Ch100

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1.036

Medium: HSL\_5G\_141204 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.12$  mho/m;  $\epsilon_r = 35$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

### DASY4 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.8, 4.8, 4.8); Calibrated: 2014/3/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch100/Area Scan (91x151x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.694 mW/g

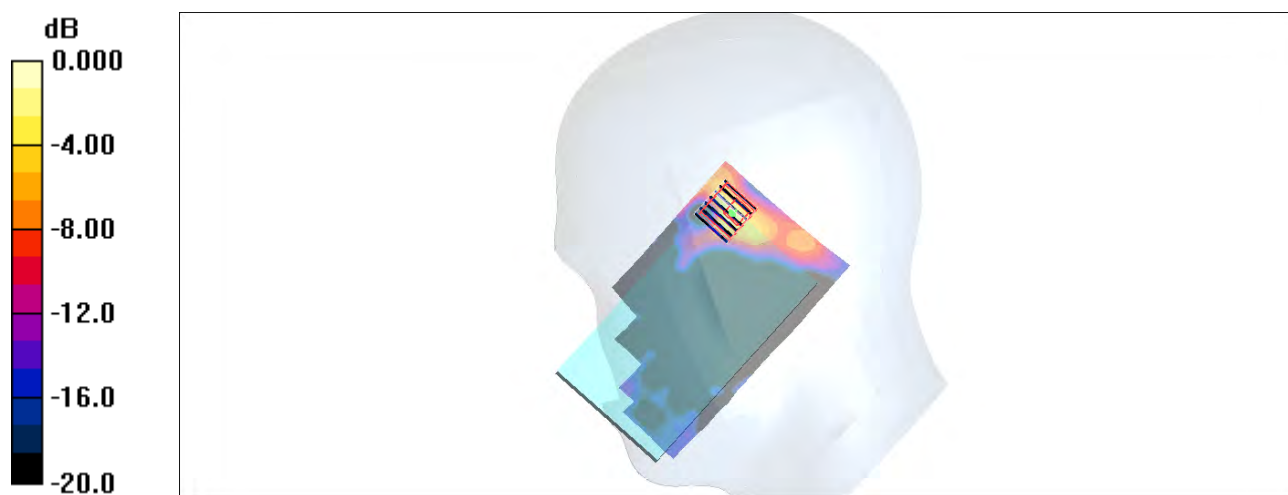
**Ch100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.3 V/m; Power Drift = 0.069 dB

Peak SAR (extrapolated) = 1.75 W/kg

**SAR(1 g) = 0.299 mW/g; SAR(10 g) = 0.074 mW/g**

Maximum value of SAR (measured) = 1.02 mW/g



0 dB = 1.02mW/g

### #13\_WLAN5GHz\_802.11a 6Mbps\_Right Cheek\_Ch157

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.036

Medium: HSL\_5G\_141204 Medium parameters used:  $f = 5785 \text{ MHz}$ ;  $\sigma = 5.4 \text{ mho/m}$ ;  $\epsilon_r = 34.4$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.4 \text{ }^\circ\text{C}$

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.58, 4.58, 4.58); Calibrated: 2014/3/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch157/Area Scan (91x151x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $0.711 \text{ mW/g}$

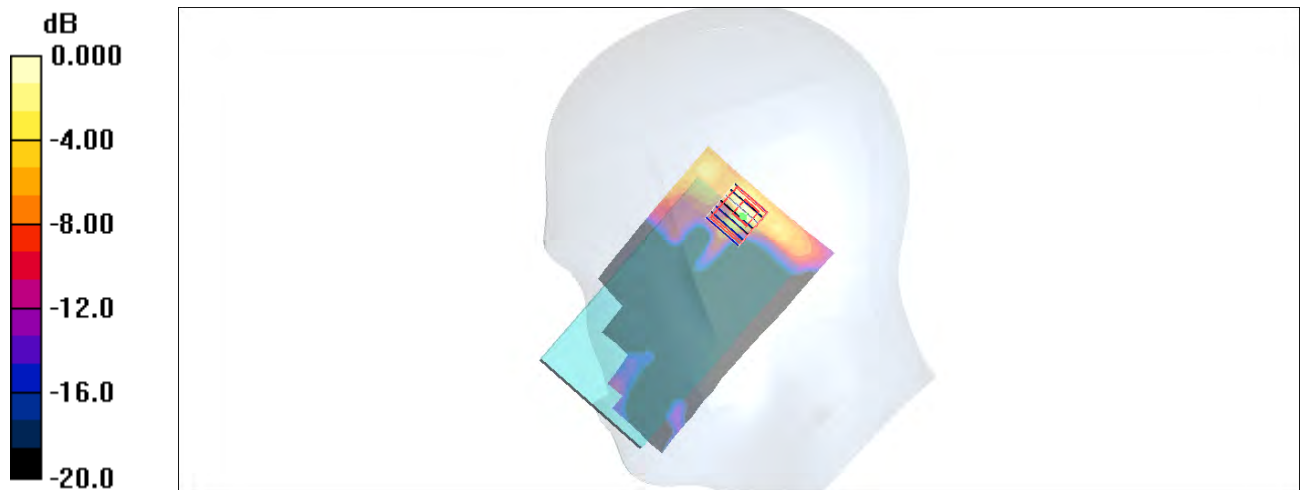
**Ch157/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $14.7 \text{ V/m}$ ; Power Drift =  $-0.029 \text{ dB}$

Peak SAR (extrapolated) =  $1.64 \text{ W/kg}$

**SAR(1 g) =  $0.346 \text{ mW/g}$ ; SAR(10 g) =  $0.092 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.913 \text{ mW/g}$



0 dB =  $0.913\text{mW/g}$

### #14\_Bluetooth\_1Mbps\_Left Tilted\_Ch39

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.2

Medium: HSL\_2450\_141203 Medium parameters used:  $f = 2441 \text{ MHz}$ ;  $\sigma = 1.83 \text{ mho/m}$ ;  $\epsilon_r = 38.7$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.5, 6.5, 6.5); Calibrated: 2014/6/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch39/Area Scan (81x131x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

Maximum value of SAR (interpolated) =  $0.030 \text{ mW/g}$

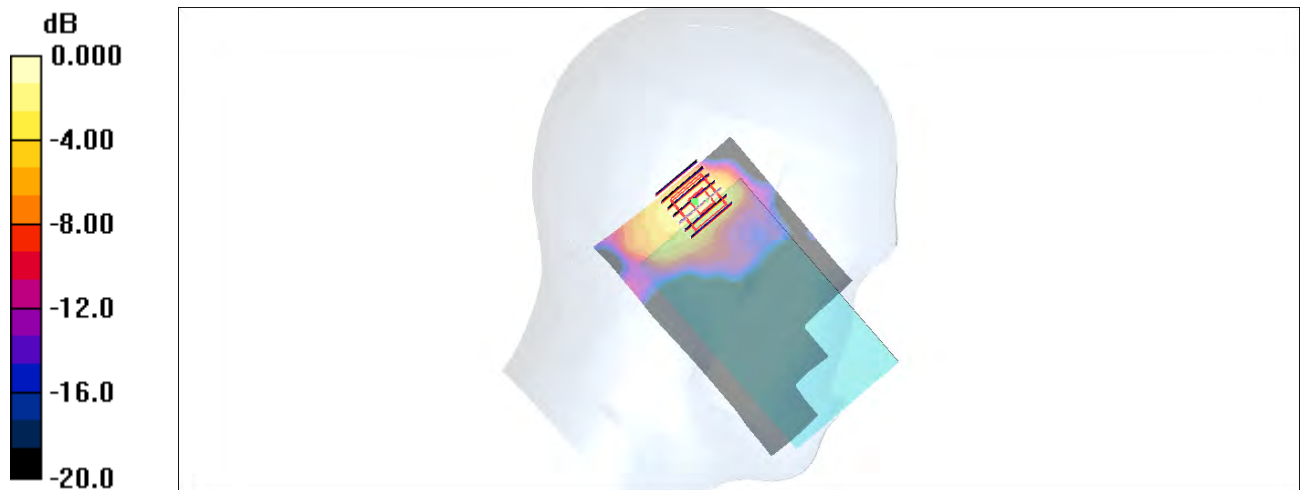
**Ch39/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $4.57 \text{ V/m}$ ; Power Drift =  $0.153 \text{ dB}$

Peak SAR (extrapolated) =  $0.058 \text{ W/kg}$

**SAR(1 g) =  $0.024 \text{ mW/g}$ ; SAR(10 g) =  $0.00996 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.038 \text{ mW/g}$



0 dB =  $0.038\text{mW/g}$

### #15\_GSM850\_GPRS (3 Tx slots)\_Left Side\_1cm\_Ch251

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.77

Medium: MSL\_850\_141205 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.976$  mho/m;  $\epsilon_r = 54.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.14, 9.14, 9.14); Calibrated: 2014/3/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch251/Area Scan (41x101x1):** Measurement grid: dx=15mm, dy=15mm

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

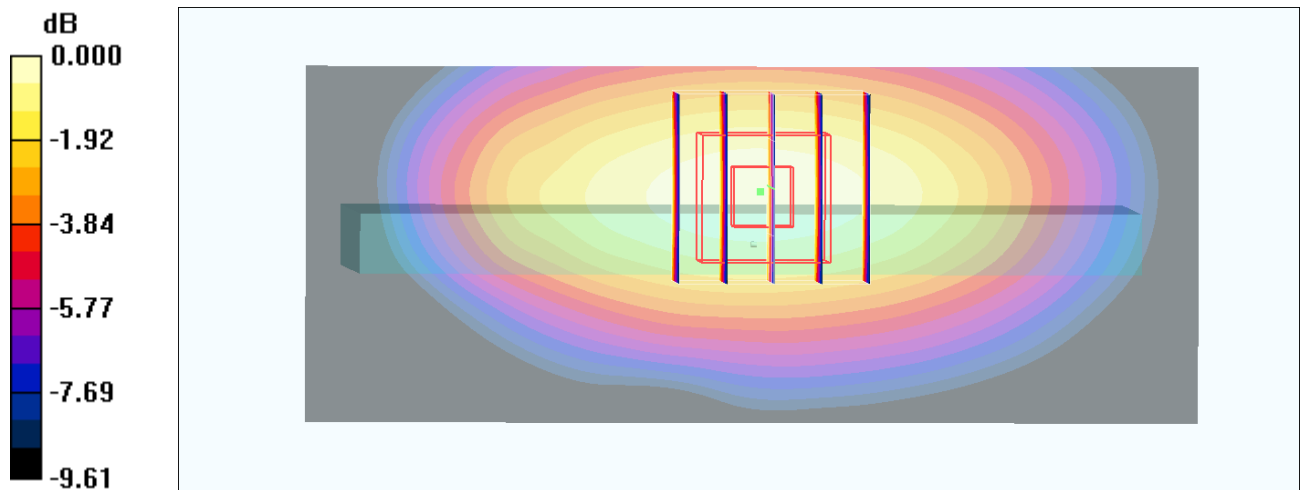
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.7 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 1.22 W/kg

**SAR(1 g) = 0.854 mW/g; SAR(10 g) = 0.585 mW/g**

Maximum value of SAR (measured) = 1.05 mW/g



0 dB = 1.05mW/g

### #16\_GSM1900\_GPRS (4 Tx slots)\_Back\_1cm\_Ch512

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2.08

Medium: MSL\_1900\_141202 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.49$  mho/m;  $\epsilon_r = 53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.86, 6.86, 6.86); Calibrated: 2014/6/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch512/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.967 mW/g

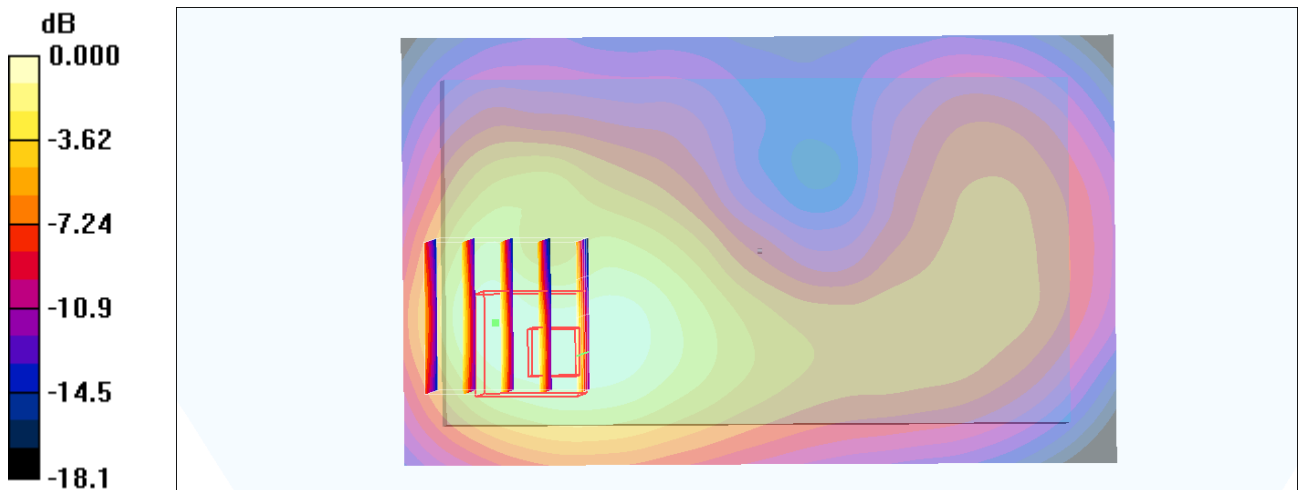
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.2 V/m; Power Drift = 0.026 dB

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.698 mW/g; SAR(10 g) = 0.413 mW/g**

Maximum value of SAR (measured) = 0.962 mW/g



0 dB = 0.962mW/g



### #17\_WCDMA V\_RMC 12.2Kbps\_Left Side\_1cm\_Ch4182

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_141202 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.995$  mho/m;  $\epsilon_r = 54.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.48, 8.48, 8.48); Calibrated: 2014/6/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch4182/Area Scan (31x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.639 mW/g

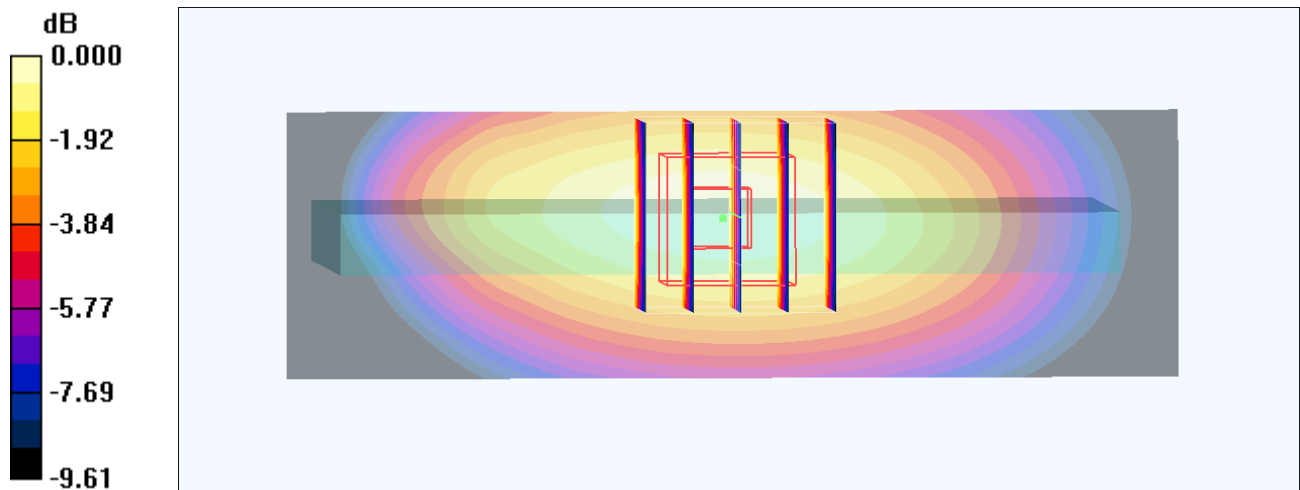
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.2 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 0.753 W/kg

**SAR(1 g) = 0.525 mW/g; SAR(10 g) = 0.359 mW/g**

Maximum value of SAR (measured) = 0.649 mW/g



0 dB = 0.649mW/g

### #18\_WCDMA II\_RMC 12.2Kbps\_Back\_1cm\_Ch9262

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

Medium: MSL\_1900\_141202 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.49$  mho/m;  $\epsilon_r = 53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.86, 6.86, 6.86); Calibrated: 2014/6/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch9262/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.838 mW/g

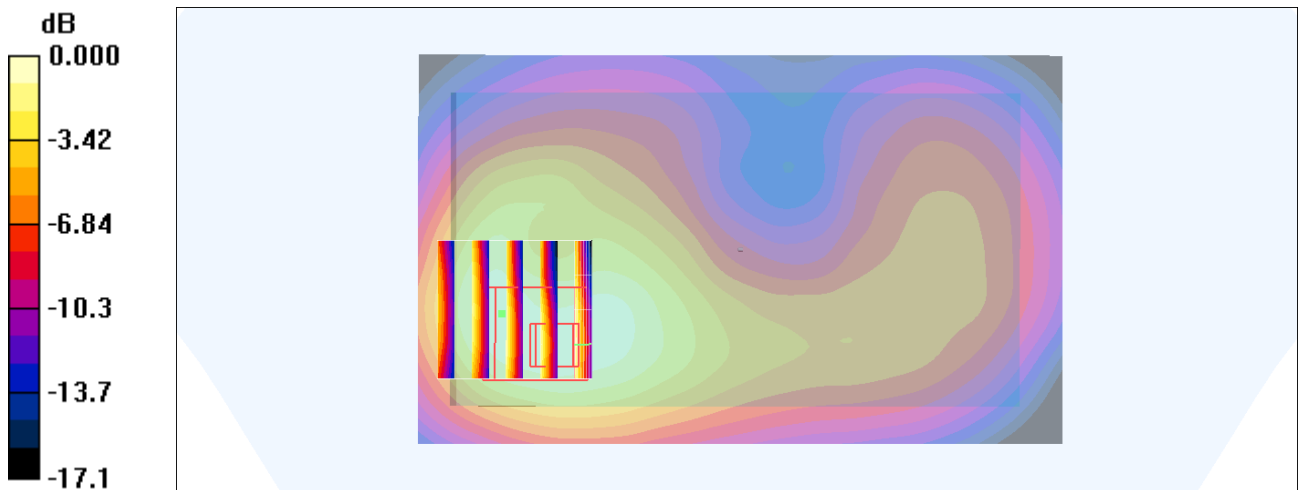
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.3 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.604 mW/g; SAR(10 g) = 0.359 mW/g**

Maximum value of SAR (measured) = 0.829 mW/g



0 dB = 0.829mW/g

### #19\_CDMA2000 BC0\_RTAP 153.6Kbps\_Back\_1cm\_Ch777

Communication System: CDMA ; Frequency: 848.31 MHz;Duty Cycle: 1:1

Medium: MSL\_850\_141205 Medium parameters used:  $f = 848.31$  MHz;  $\sigma = 0.976$  mho/m;  $\epsilon_r = 54.4$ ;

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.14, 9.14, 9.14); Calibrated: 2014/3/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch777/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.788 mW/g

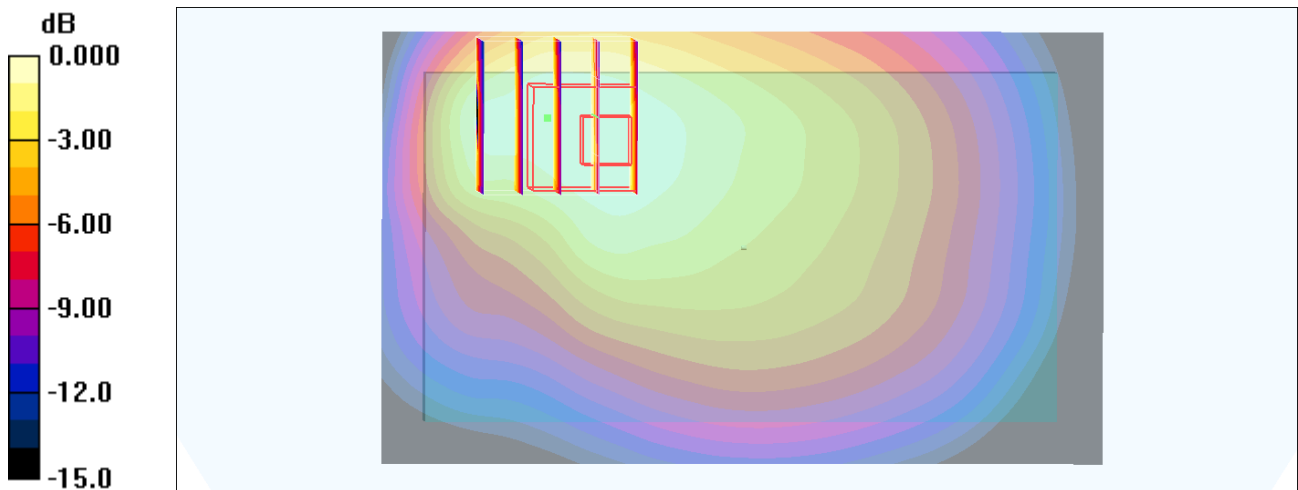
**Ch777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.4 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 1.07 W/kg

**SAR(1 g) = 0.601 mW/g; SAR(10 g) = 0.408 mW/g**

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



0 dB = 0.753mW/g

### #20\_CDMA2000 BC1\_RTAP 153.6Kbps\_Back\_1cm\_Ch25

Communication System: CDMA ; Frequency: 1851.25 MHz;Duty Cycle: 1:1

Medium: MSL\_1900\_141205 Medium parameters used :  $f = 1851.25$  MHz;  $\sigma = 1.49$  mho/m;  $\epsilon_r =$

$53.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature :  $23.3$  °C; Liquid Temperature :  $22.3$  °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.93, 7.93, 7.93); Calibrated: 2014/11/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch25/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.29 mW/g

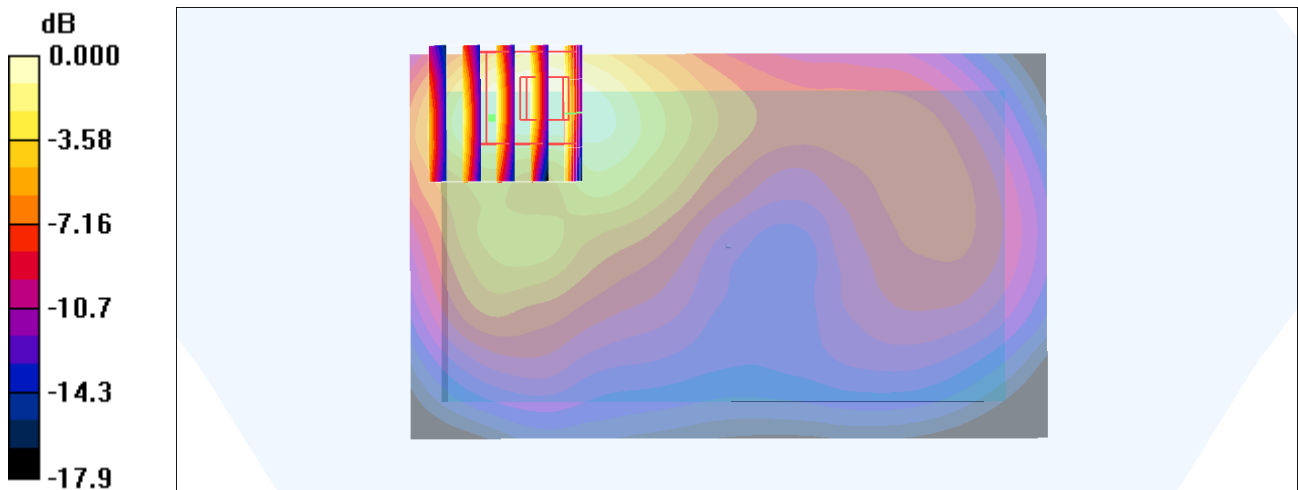
**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.8 V/m; Power Drift = -0.055 dB

Peak SAR (extrapolated) = 1.60 W/kg

**SAR(1 g) = 0.975 mW/g; SAR(10 g) = 0.545 mW/g**

Maximum value of SAR (measured) = 1.31 mW/g



0 dB = 1.31mW/g

### #21\_LTE Band 13\_10M\_QPSK\_1RB\_0offset\_Back\_1cm\_Ch23230

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_141202 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.996 \text{ mho/m}$ ;  $\epsilon_r = 54$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.4 \text{ }^\circ\text{C}$

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.59, 8.59, 8.59); Calibrated: 2014/6/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch23230/Area Scan (71x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.837 \text{ mW/g}$

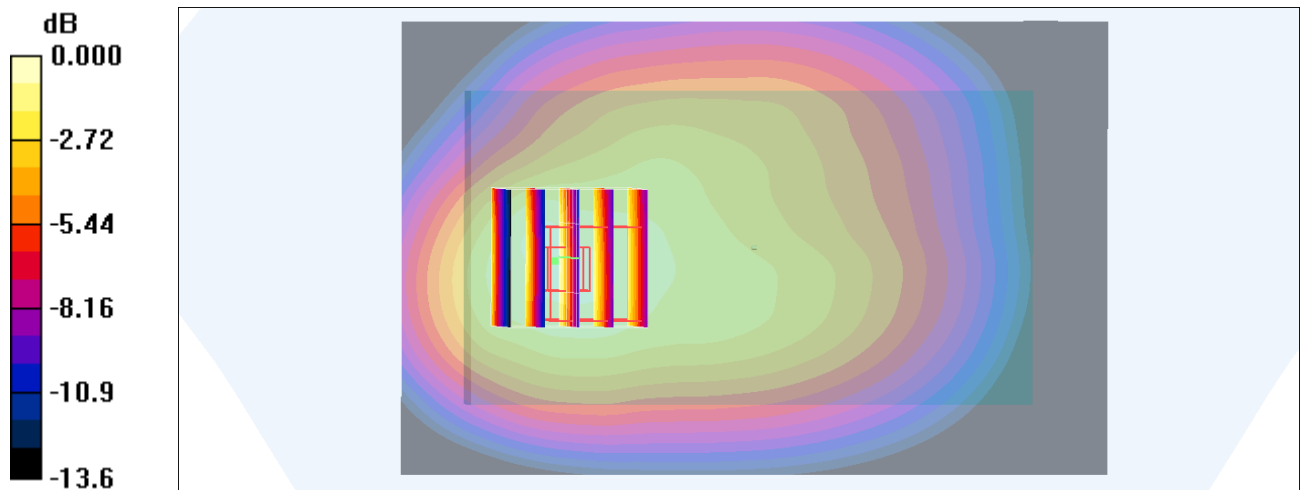
**Ch23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $31.9 \text{ V/m}$ ; Power Drift =  $-0.043 \text{ dB}$

Peak SAR (extrapolated) =  $1.15 \text{ W/kg}$

**SAR(1 g) =  $0.728 \text{ mW/g}$ ; SAR(10 g) =  $0.468 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.951 \text{ mW/g}$



0 dB =  $0.951\text{mW/g}$

### #22\_LTE Band 4\_20M\_QPSK\_1RB\_0offset\_Back\_1cm\_Ch20050

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_141202 Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 52.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.32, 7.32, 7.32); Calibrated: 2014/6/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch20050/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.33 mW/g

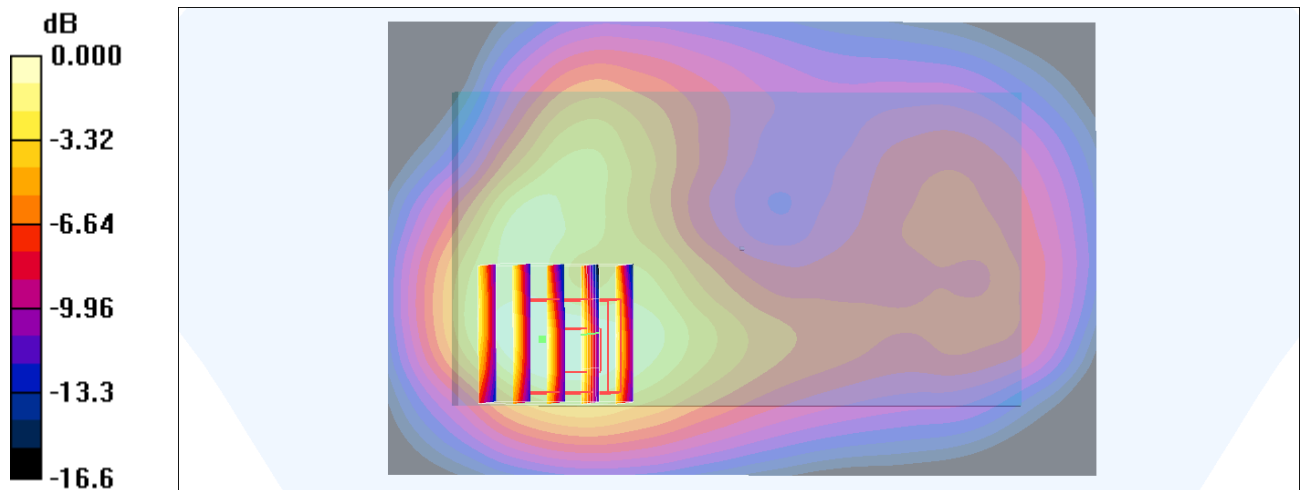
**Ch20050/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.4 V/m; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 1.47 W/kg

**SAR(1 g) = 0.913 mW/g; SAR(10 g) = 0.538 mW/g**

Maximum value of SAR (measured) = 1.16 mW/g



0 dB = 1.16mW/g

### #23\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_1cm\_Ch6

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

Medium: MSL\_2450\_141203 Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.9 \text{ mho/m}$ ;  $\epsilon_r = 53.2$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$  ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.42, 6.42, 6.42); Calibrated: 2014/6/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch6/Area Scan (81x131x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

Maximum value of SAR (interpolated) =  $0.687 \text{ mW/g}$

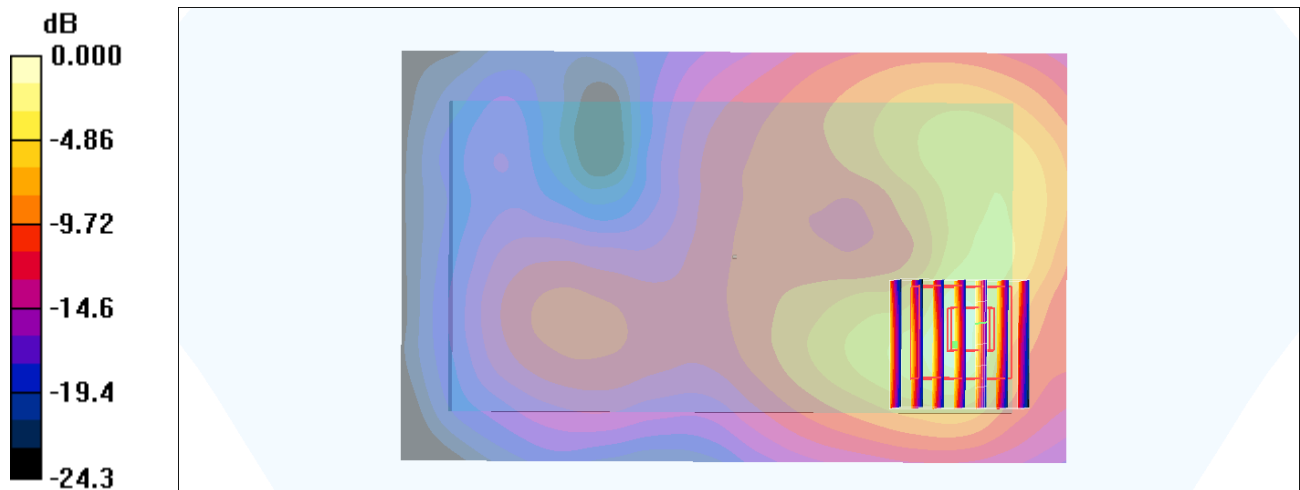
**Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $18.5 \text{ V/m}$ ; Power Drift =  $0.012 \text{ dB}$

Peak SAR (extrapolated) =  $1.09 \text{ W/kg}$

**SAR(1 g) =  $0.477 \text{ mW/g}$ ; SAR(10 g) =  $0.196 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.795 \text{ mW/g}$



0 dB =  $0.795\text{mW/g}$

### #24\_WLAN5GHz\_802.11a\_6Mbps\_Back\_1cm\_Ch36

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1.036

Medium: MSL\_5G\_141205 Medium parameters used:  $f = 5180$  MHz;  $\sigma = 5.23$  mho/m;  $\epsilon_r = 47.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.67, 4.67, 4.67); Calibrated: 2014/3/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch36/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.79 mW/g

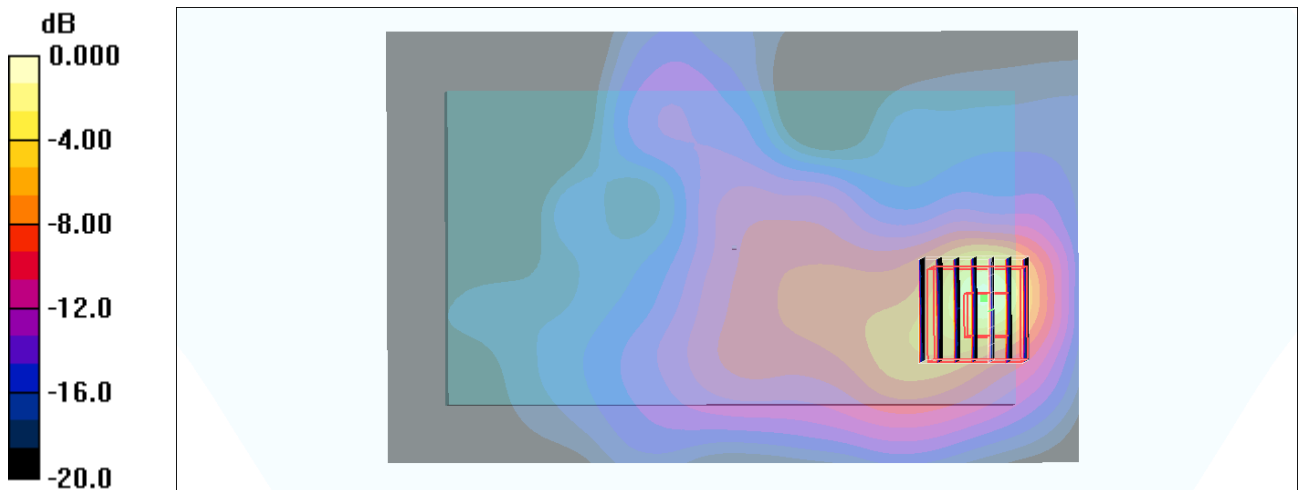
**Ch36/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.2 V/m; Power Drift = -0.068 dB

Peak SAR (extrapolated) = 3.74 W/kg

**SAR(1 g) = 0.878 mW/g; SAR(10 g) = 0.275 mW/g**

Maximum value of SAR (measured) = 2.23 mW/g



0 dB = 2.23mW/g



### #25\_WLAN5GHz\_802.11a\_6Mbps\_Back\_1cm\_Ch153

Communication System: 802.11a; Frequency: 5765 MHz; Duty Cycle: 1:1.036

Medium: MSL\_5G\_141205 Medium parameters used:  $f = 5765$  MHz;  $\sigma = 6.12$  mho/m;  $\epsilon_r = 46.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.24, 4.24, 4.24); Calibrated: 2014/3/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch153/Area Scan (91x151x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.46 mW/g

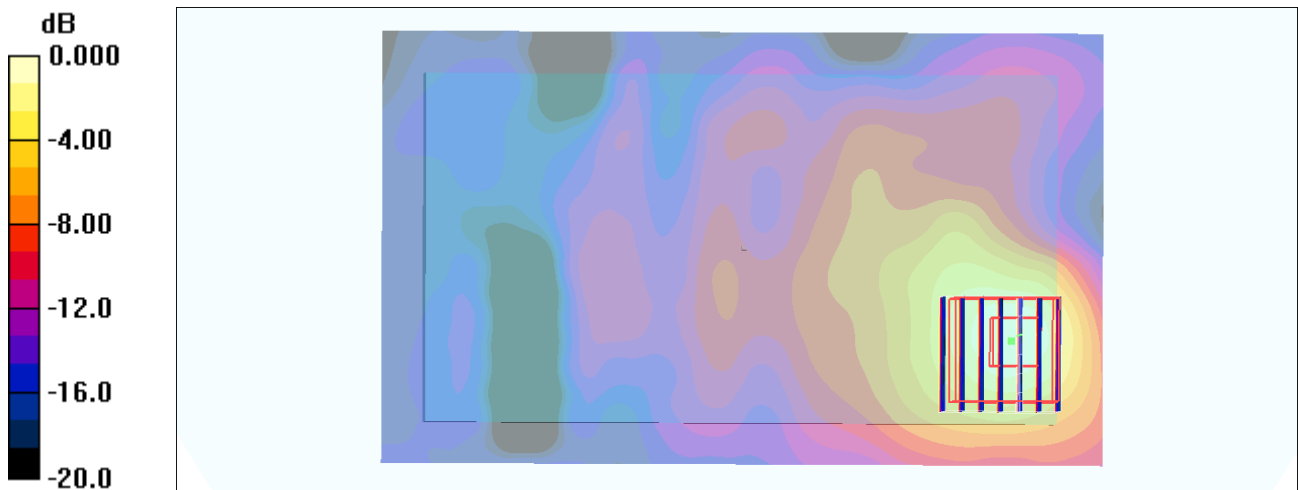
**Ch153/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.9 V/m; Power Drift = 0.009 dB

Peak SAR (extrapolated) = 2.57 W/kg

**SAR(1 g) = 0.633 mW/g; SAR(10 g) = 0.236 mW/g**

Maximum value of SAR (measured) = 1.45 mW/g



0 dB = 1.45mW/g

## #26\_Bluetooth\_1Mbps\_Back\_1cm\_Ch39

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.2

Medium: MSL\_2450\_141203 Medium parameters used:  $f = 2441 \text{ MHz}$ ;  $\sigma = 1.91 \text{ mho/m}$ ;  $\epsilon_r = 53.2$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.42, 6.42, 6.42); Calibrated: 2014/6/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch39/Area Scan (81x131x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

Maximum value of SAR (interpolated) =  $0.081 \text{ mW/g}$

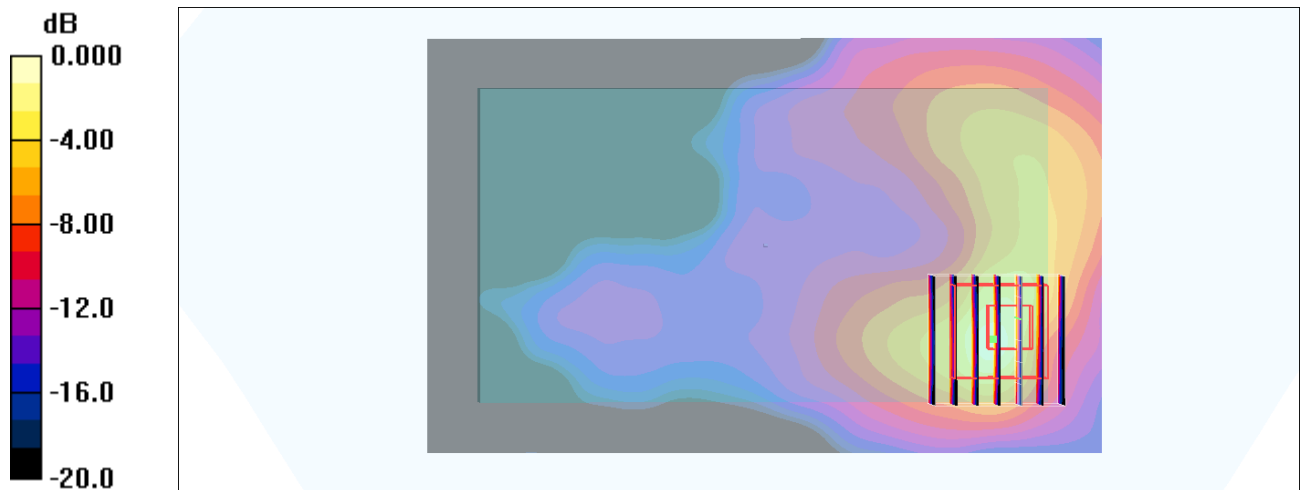
**Ch39/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $6.38 \text{ V/m}$ ; Power Drift =  $-0.089 \text{ dB}$

Peak SAR (extrapolated) =  $0.125 \text{ W/kg}$

**SAR(1 g) =  $0.055 \text{ mW/g}$ ; SAR(10 g) =  $0.021 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.092 \text{ mW/g}$



0 dB =  $0.092\text{mW/g}$

### #27\_GSM850\_GPRS (3 Tx slots)\_Back\_1.5cm\_Ch128

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2.77

Medium: MSL\_850\_141205 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.953$  mho/m;  $\epsilon_r = 54.7$ ;

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.14, 9.14, 9.14); Calibrated: 2014/3/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch128/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.678 mW/g

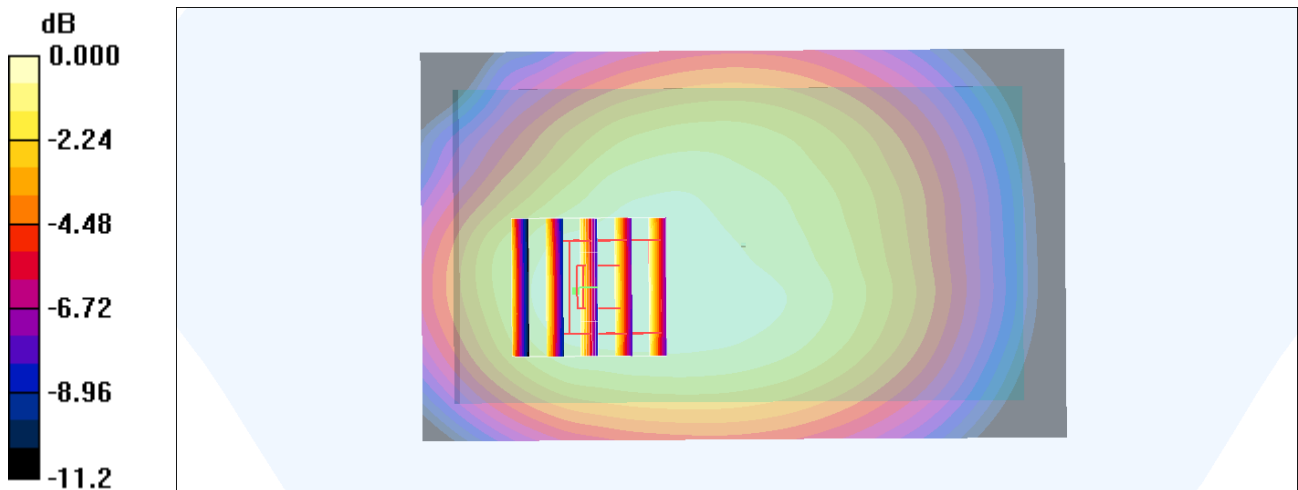
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.9 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.764 W/kg

**SAR(1 g) = 0.558 mW/g; SAR(10 g) = 0.404 mW/g**

Maximum value of SAR (measured) = 0.671 mW/g



0 dB = 0.671mW/g

### #28\_GSM1900\_GPRS (4 Tx slots)\_Back\_1.5cm\_Ch810

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2.08

Medium: MSL\_1900\_141202 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.54$  mho/m;  $\epsilon_r = 52.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.86, 6.86, 6.86); Calibrated: 2014/6/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch810/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.523 mW/g

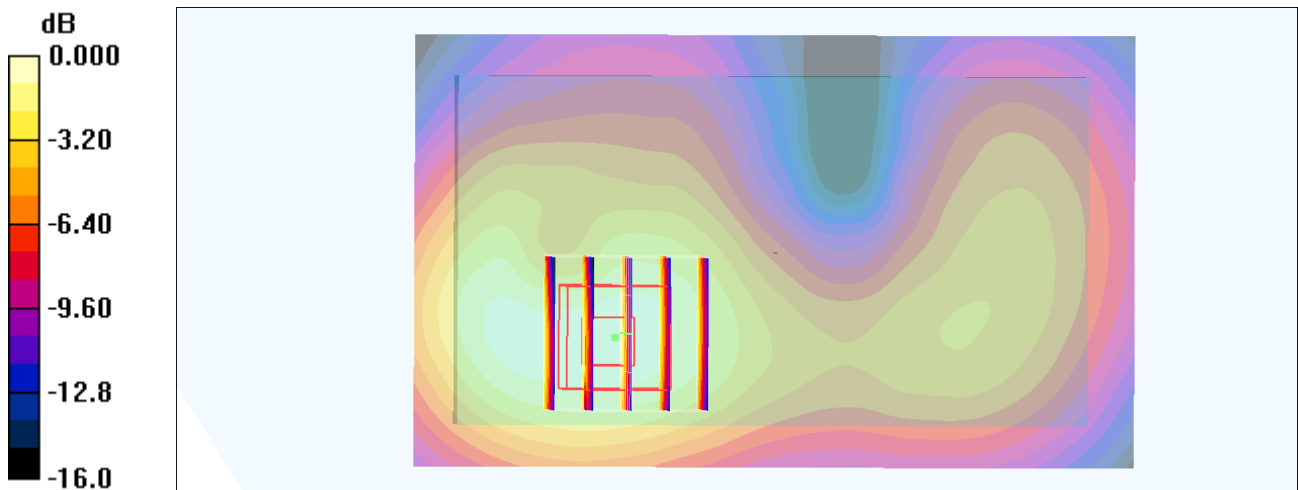
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.0 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 0.631 W/kg

**SAR(1 g) = 0.418 mW/g; SAR(10 g) = 0.255 mW/g**

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



0 dB = 0.532mW/g

### #29\_WCDMA V\_RMC 12.2Kbps\_Back\_1.5cm\_Ch4182

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_141205 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 54.6$ ;

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.14, 9.14, 9.14); Calibrated: 2014/3/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch4182/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.493 mW/g

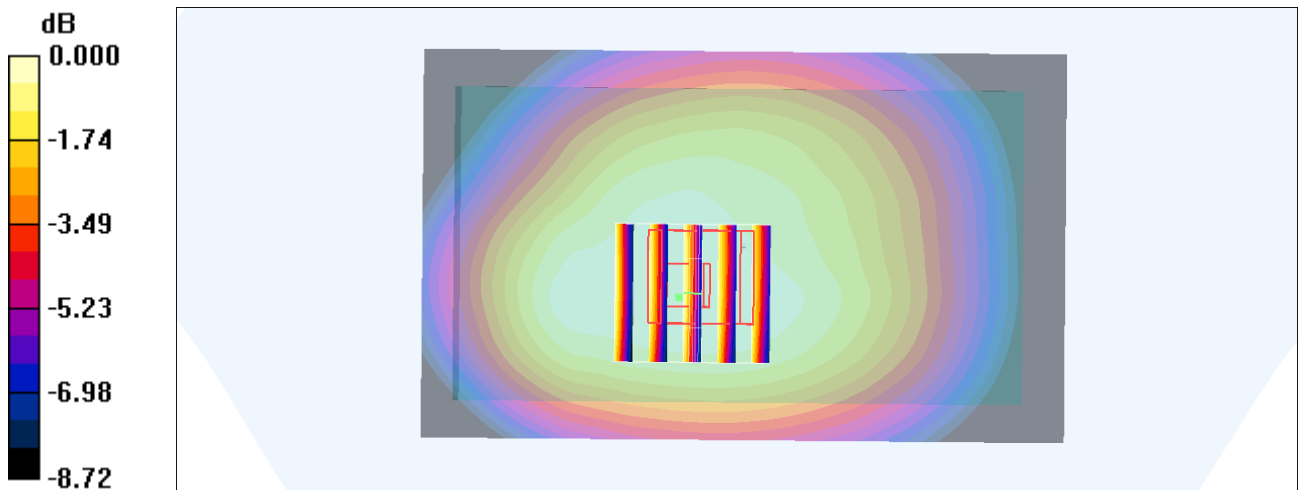
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.8 V/m; Power Drift = 0.031 dB

Peak SAR (extrapolated) = 0.541 W/kg

**SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.308 mW/g**

Maximum value of SAR (measured) = 0.484 mW/g



0 dB = 0.484mW/g

### #30\_WCDMA II\_RMC 12.2Kbps\_Back\_1.5cm\_Ch9262

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

Medium: MSL\_1900\_141202 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.49$  mho/m;  $\epsilon_r = 53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.86, 6.86, 6.86); Calibrated: 2014/6/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch9262/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.647 mW/g

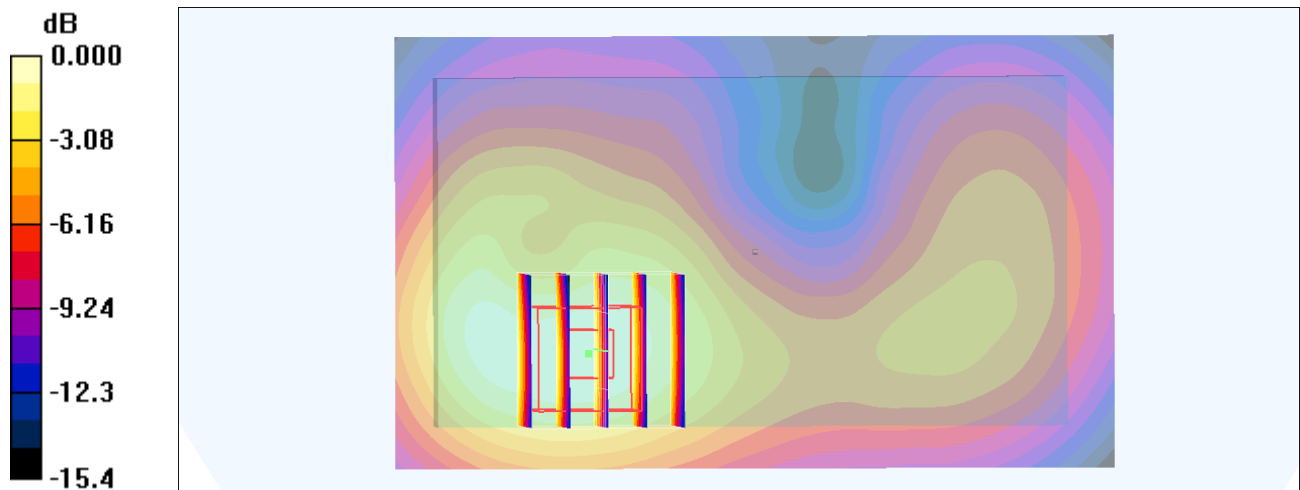
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.6 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 0.785 W/kg

**SAR(1 g) = 0.509 mW/g; SAR(10 g) = 0.315 mW/g**

Maximum value of SAR (measured) = 0.655 mW/g



0 dB = 0.655mW/g

### #31\_CDMA2000 BC0\_1xRTT RC3 SO32\_Back\_1.5cm\_Ch777

Communication System: CDMA ; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_141202 Medium parameters used:  $f = 848.31 \text{ MHz}$ ;  $\sigma = 1.01 \text{ mho/m}$ ;  $\epsilon_r = 54.6$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.4 \text{ }^\circ\text{C}$

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.48, 8.48, 8.48); Calibrated: 2014/6/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch777/Area Scan (71x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.528 \text{ mW/g}$

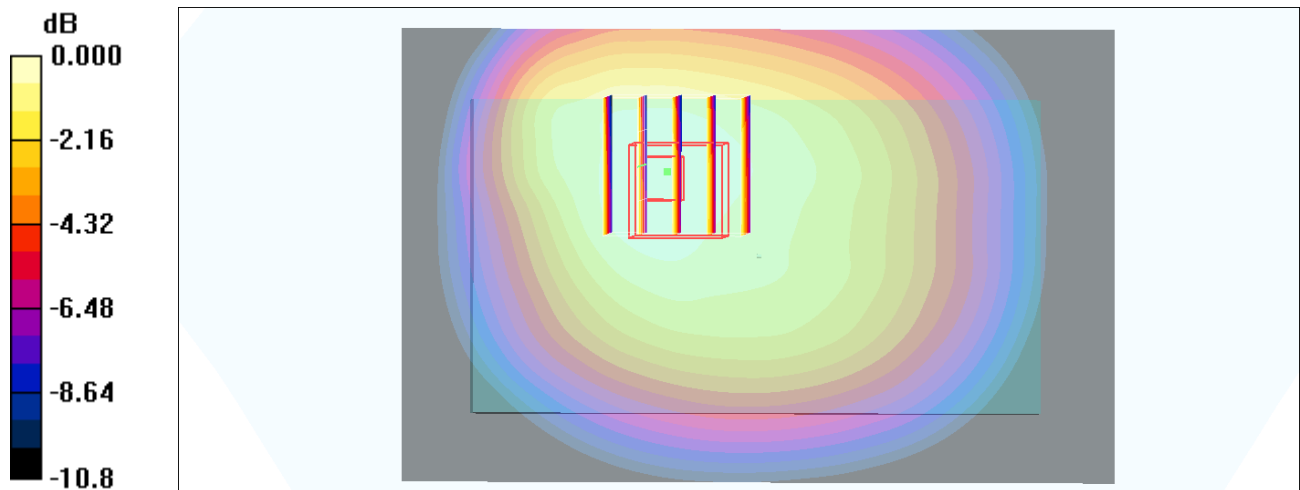
**Ch777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $23.4 \text{ V/m}$ ; Power Drift =  $-0.014 \text{ dB}$

Peak SAR (extrapolated) =  $0.599 \text{ W/kg}$

**SAR(1 g) =  $0.411 \text{ mW/g}$ ; SAR(10 g) =  $0.326 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.527 \text{ mW/g}$



0 dB =  $0.527\text{mW/g}$

### #32\_CDMA2000 BC1\_1xRTT RC3 SO32\_Back\_1.5cm\_Ch25

Communication System: CDMA ; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_141202 Medium parameters used:  $f = 1851.25 \text{ MHz}$ ;  $\sigma = 1.49 \text{ mho/m}$ ;  $\epsilon_r = 53$ ;

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

Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.4 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.86, 6.86, 6.86); Calibrated: 2014/6/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch25/Area Scan (71x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.624 \text{ mW/g}$

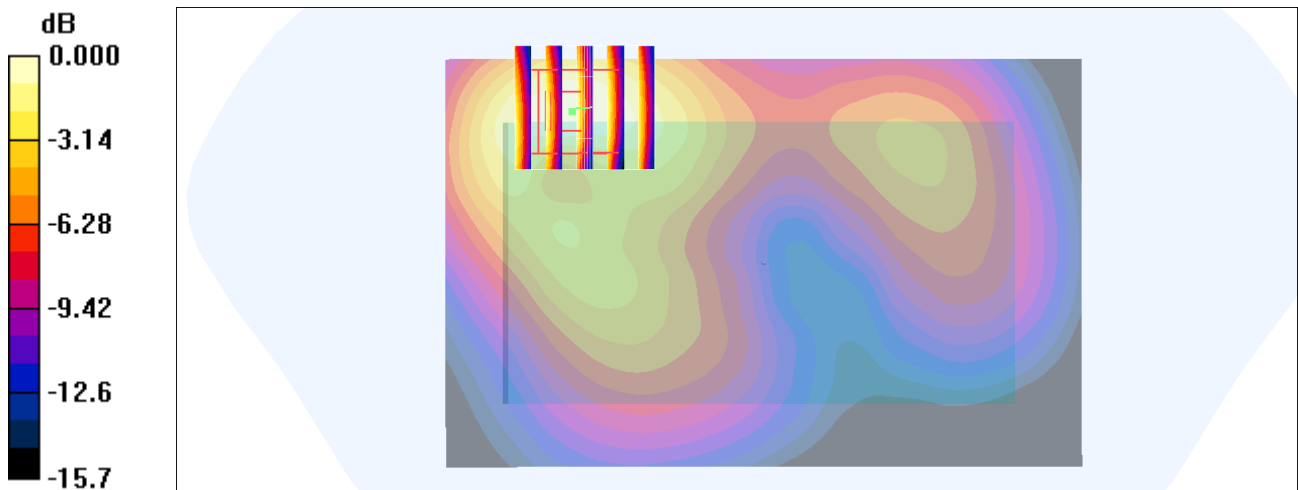
**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $20.8 \text{ V/m}$ ; Power Drift =  $0.011 \text{ dB}$

Peak SAR (extrapolated) =  $0.744 \text{ W/kg}$

**SAR(1 g) =  $0.477 \text{ mW/g}$ ; SAR(10 g) =  $0.287 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.625 \text{ mW/g}$



0 dB =  $0.625\text{mW/g}$



### #33\_LTE Band 13\_10M\_QPSK\_1RB\_0offset\_Back\_1.5cm\_Ch23230

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_141202 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.996 \text{ mho/m}$ ;  $\epsilon_r = 54$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.4 \text{ }^\circ\text{C}$

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.59, 8.59, 8.59); Calibrated: 2014/6/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch23230/Area Scan (71x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.560 \text{ mW/g}$

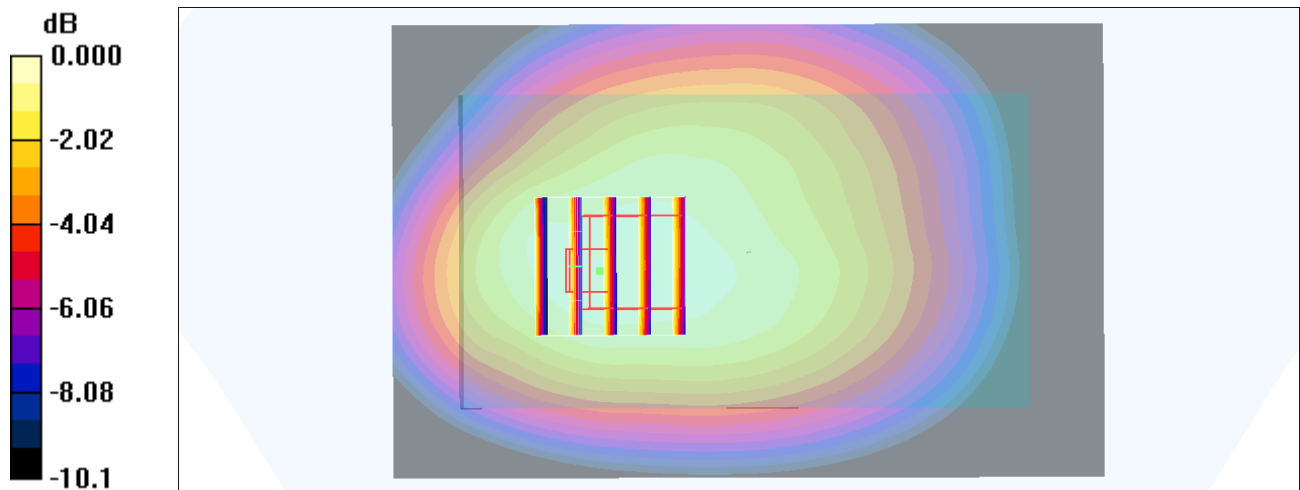
**Ch23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $23.8 \text{ V/m}$ ; Power Drift =  $0.014 \text{ dB}$

Peak SAR (extrapolated) =  $0.645 \text{ W/kg}$

**SAR(1 g) =  $0.458 \text{ mW/g}$ ; SAR(10 g) =  $0.338 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.558 \text{ mW/g}$



0 dB =  $0.558\text{mW/g}$

### #34\_LTE Band 4\_20M\_QPSK\_1RB\_0offset\_Back\_1.5cm\_Ch20300

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

Medium: MSL\_1750\_141202 Medium parameters used:  $f = 1745 \text{ MHz}$ ;  $\sigma = 1.51 \text{ mho/m}$ ;  $\epsilon_r = 52.3$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.4 \text{ }^\circ\text{C}$

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.32, 7.32, 7.32); Calibrated: 2014/6/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch20300/Area Scan (71x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.561 \text{ mW/g}$

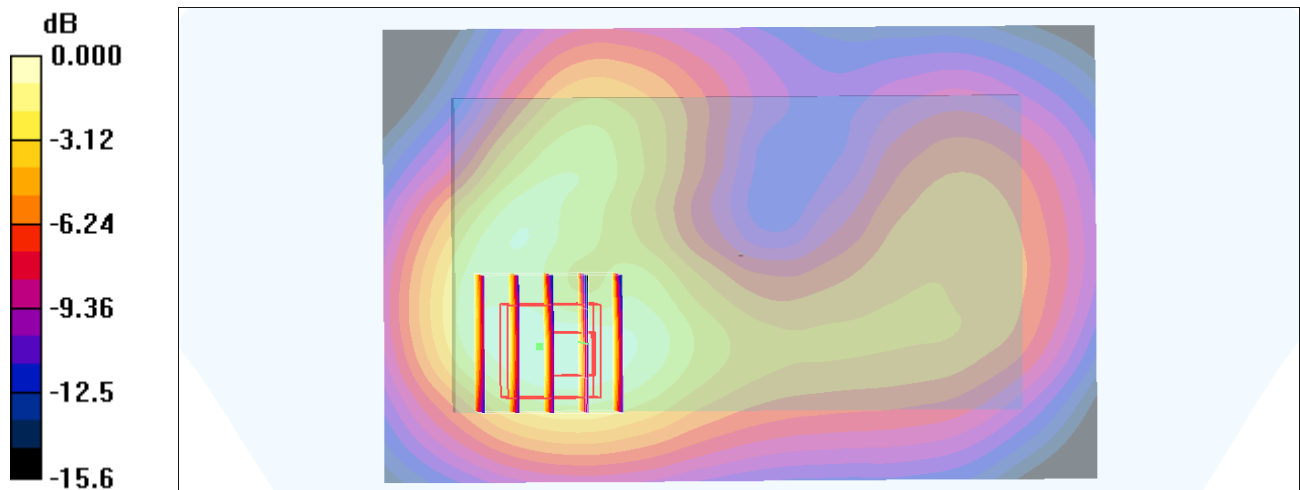
**Ch20300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $19.0 \text{ V/m}$ ; Power Drift =  $0.024 \text{ dB}$

Peak SAR (extrapolated) =  $0.649 \text{ W/kg}$

**SAR(1 g) =  $0.426 \text{ mW/g}$ ; SAR(10 g) =  $0.268 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.541 \text{ mW/g}$



0 dB =  $0.541\text{mW/g}$

### #35\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_1.5cm\_Ch6

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

Medium: MSL\_2450\_141203 Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.9 \text{ mho/m}$ ;  $\epsilon_r = 53.2$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.42, 6.42, 6.42); Calibrated: 2014/6/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch6/Area Scan (81x131x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

Maximum value of SAR (interpolated) =  $0.261 \text{ mW/g}$

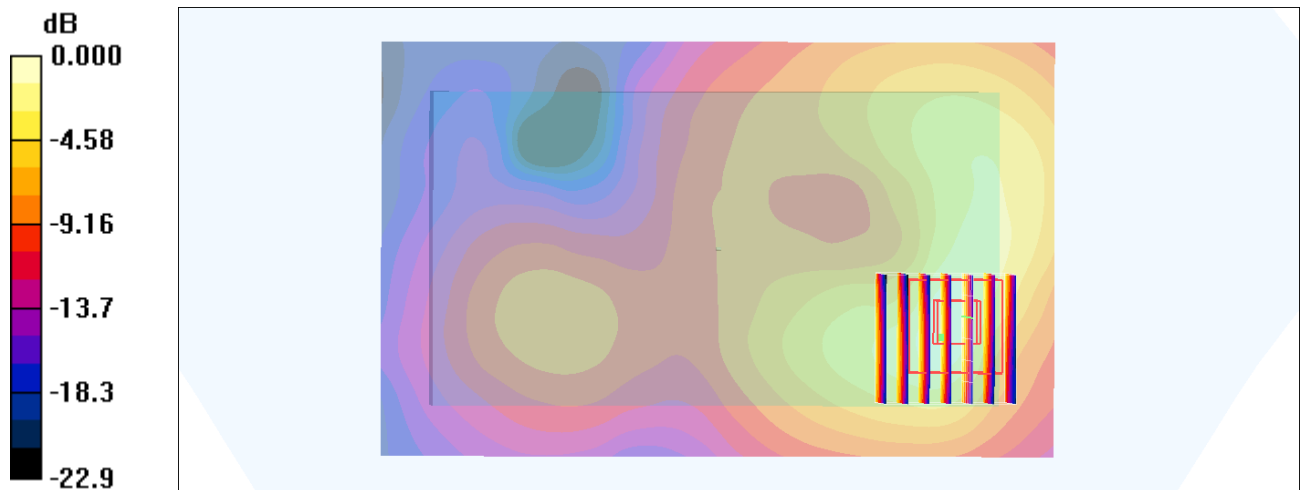
**Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $11.7 \text{ V/m}$ ; Power Drift =  $0.060 \text{ dB}$

Peak SAR (extrapolated) =  $0.371 \text{ W/kg}$

**SAR(1 g) =  $0.185 \text{ mW/g}$ ; SAR(10 g) =  $0.087 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.281 \text{ mW/g}$



0 dB =  $0.281\text{mW/g}$

### #36\_WLAN5GHz\_802.11a 6Mbps\_Back\_1.5cm\_Ch36

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1.036

Medium: MSL\_5G\_141205 Medium parameters used:  $f = 5180$  MHz;  $\sigma = 5.23$  mho/m;  $\epsilon_r = 47.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.67, 4.67, 4.67); Calibrated: 2014/3/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch36/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.38 mW/g

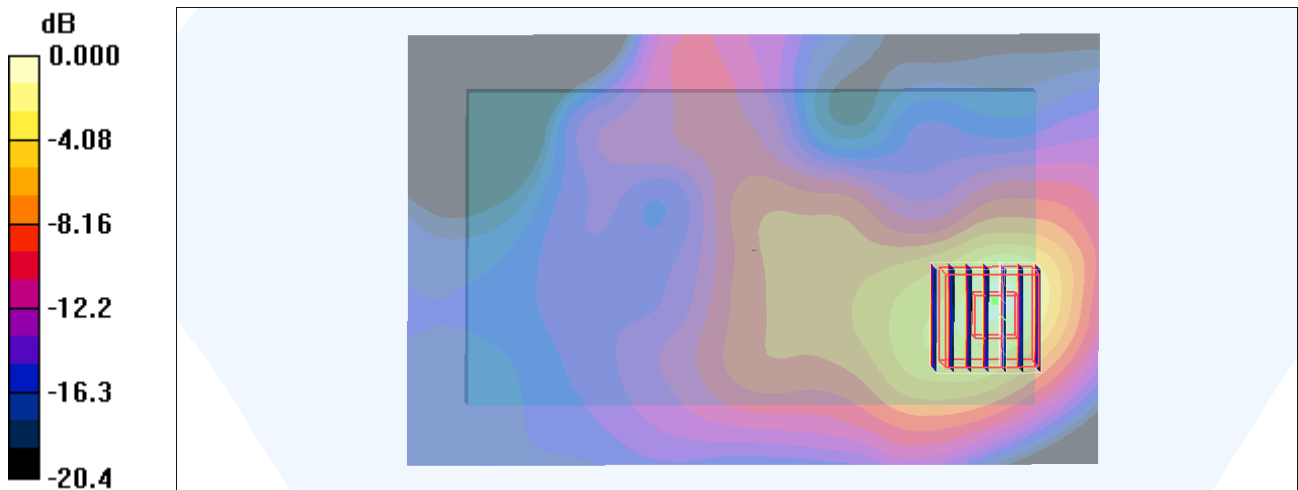
**Ch36/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.0 V/m; Power Drift = -0.086 dB

Peak SAR (extrapolated) = 2.72 W/kg

**SAR(1 g) = 0.716 mW/g; SAR(10 g) = 0.269 mW/g**

Maximum value of SAR (measured) = 1.65 mW/g



0 dB = 1.65mW/g

### #37\_WLAN5GHz\_802.11a 6Mbps\_Back\_1.5cm\_Ch64

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1.036

Medium: MSL\_5G\_141205 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 5.42$  mho/m;  $\epsilon_r = 47.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.42, 4.42, 4.42); Calibrated: 2014/3/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch64/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.49 mW/g

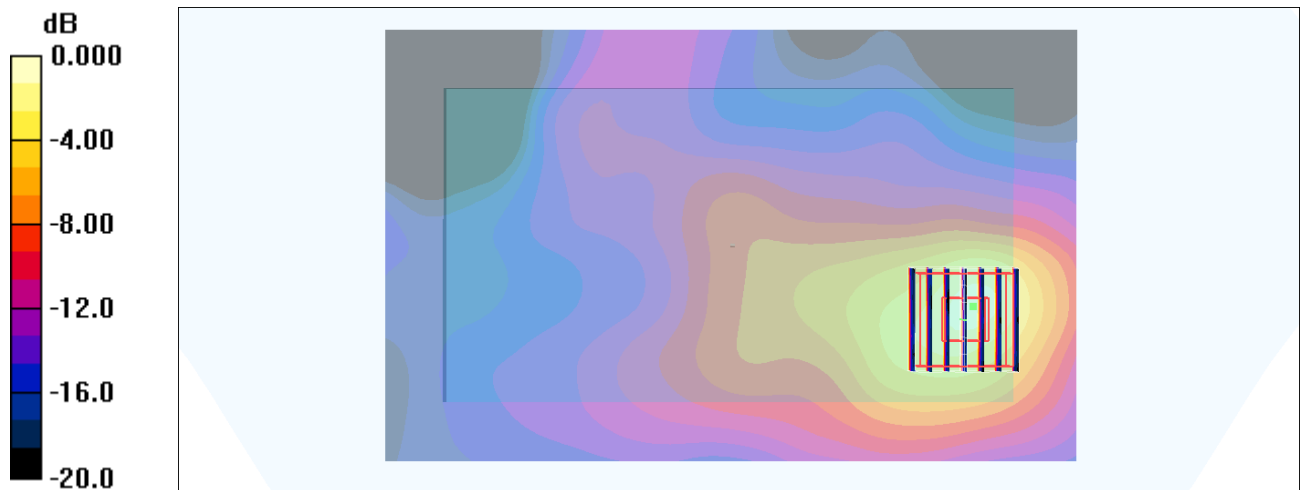
**Ch64/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.9 V/m; Power Drift = -0.099 dB

Peak SAR (extrapolated) = 2.83 W/kg

**SAR(1 g) = 0.763 mW/g; SAR(10 g) = 0.299 mW/g**

Maximum value of SAR (measured) = 1.72 mW/g



0 dB = 1.72mW/g

### #38\_WLAN5GHz\_802.11a 6Mbps\_Back\_1.5cm\_Ch112

Communication System: 802.11a; Frequency: 5560 MHz; Duty Cycle: 1:1.036

Medium: MSL\_5G\_141205 Medium parameters used:  $f = 5560$  MHz;  $\sigma = 5.75$  mho/m;  $\epsilon_r = 46.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.15, 4.15, 4.15); Calibrated: 2014/3/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch112/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

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

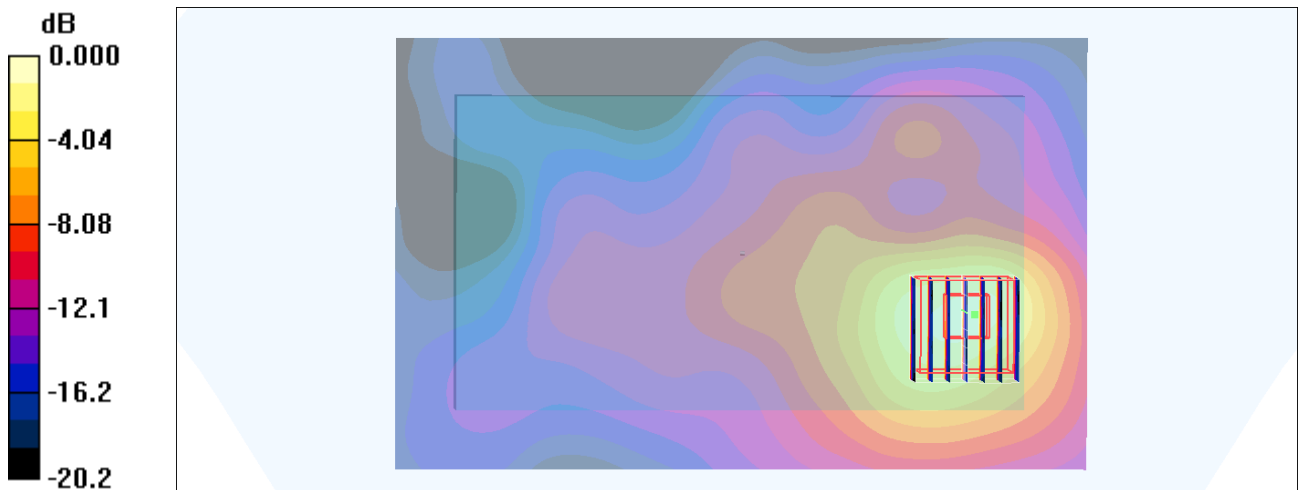
**Ch112/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.3 V/m; Power Drift = 0.019 dB

Peak SAR (extrapolated) = 2.94 W/kg

**SAR(1 g) = 0.745 mW/g; SAR(10 g) = 0.298 mW/g**

Maximum value of SAR (measured) = 1.70 mW/g



0 dB = 1.70mW/g

### #39\_WLAN5GHz\_802.11a 6Mbps\_Back\_1.5cm\_Ch153

Communication System: 802.11a; Frequency: 5765 MHz; Duty Cycle: 1:1.036

Medium: MSL\_5G\_141205 Medium parameters used:  $f = 5765 \text{ MHz}$ ;  $\sigma = 6.12 \text{ mho/m}$ ;  $\epsilon_r = 46.6$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.4 \text{ }^\circ\text{C}$

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.24, 4.24, 4.24); Calibrated: 2014/3/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch153/Area Scan (101x16x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $1.63 \text{ mW/g}$

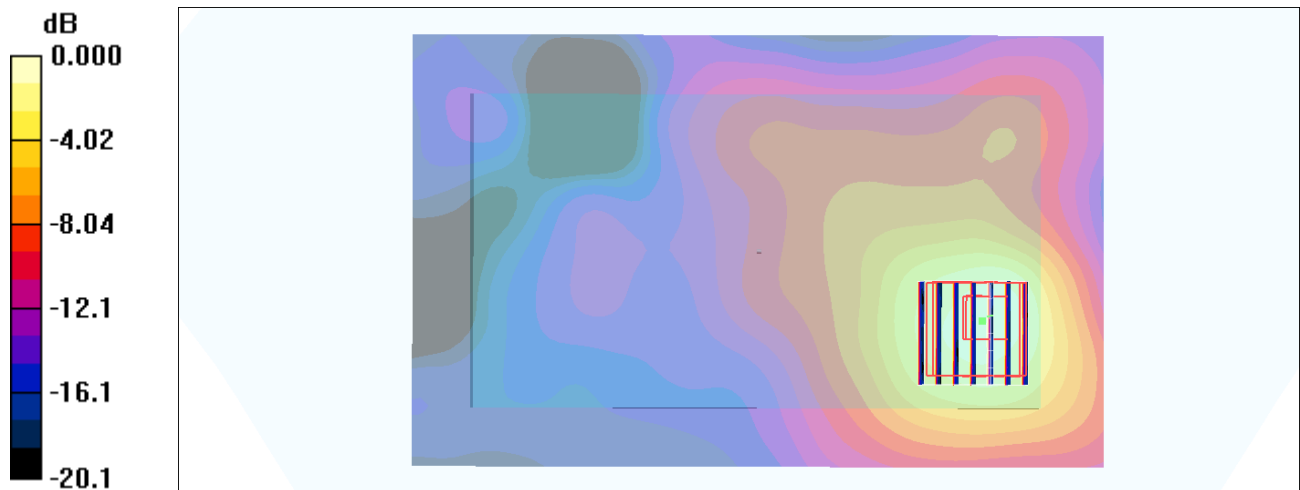
**Ch153/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $18.5 \text{ V/m}$ ; Power Drift =  $-0.043 \text{ dB}$

Peak SAR (extrapolated) =  $3.02 \text{ W/kg}$

**SAR(1 g) =  $0.751 \text{ mW/g}$ ; SAR(10 g) =  $0.303 \text{ mW/g}$**

Maximum value of SAR (measured) =  $1.70 \text{ mW/g}$



0 dB =  $1.70\text{mW/g}$

### #40\_Bluetooth\_1Mbps\_Back\_1.5cm\_Ch39

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.2

Medium: MSL\_2450\_141203 Medium parameters used:  $f = 2441 \text{ MHz}$ ;  $\sigma = 1.91 \text{ mho/m}$ ;  $\epsilon_r = 53.2$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.42, 6.42, 6.42); Calibrated: 2014/6/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch39/Area Scan (81x131x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

Maximum value of SAR (interpolated) =  $0.031 \text{ mW/g}$

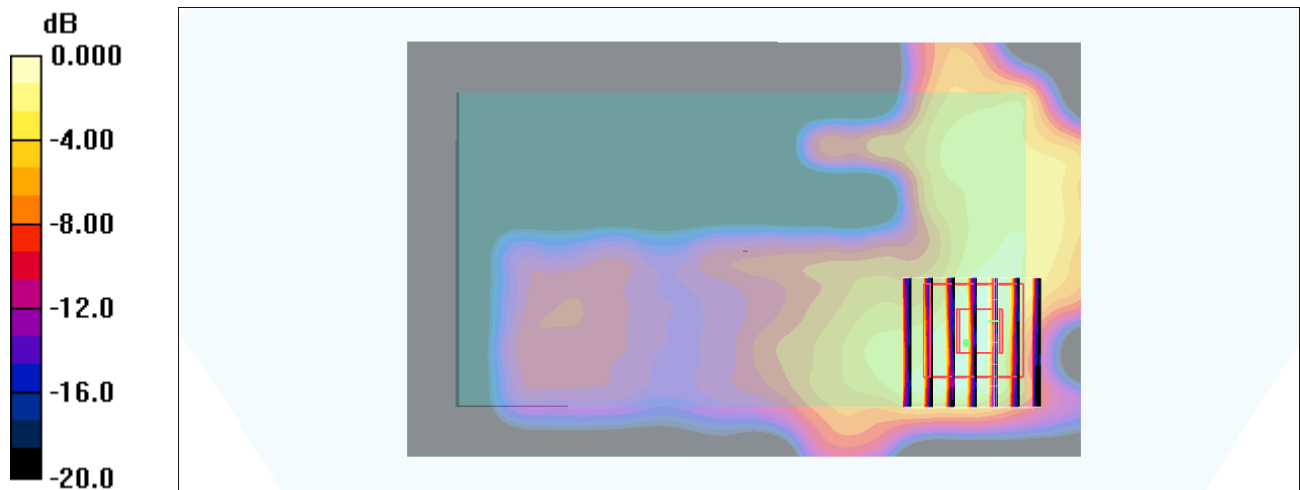
**Ch39/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $4.05 \text{ V/m}$ ; Power Drift =  $-0.026 \text{ dB}$

Peak SAR (extrapolated) =  $0.043 \text{ W/kg}$

**SAR(1 g) =  $0.021 \text{ mW/g}$ ; SAR(10 g) =  $0.00921 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.032 \text{ mW/g}$



0 dB =  $0.032\text{mW/g}$