

### #01\_GSM850\_GPRS (4 Tx slots)\_Left Cheek\_Ch189

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:2.08

Medium: HSL\_850\_150529 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.902$  mho/m;  $\epsilon_r = 42.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.93, 8.93, 8.93); Calibrated: 2014/9/29
- Sensor-Surface: 1.4mm (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

**Ch189/Area Scan (71x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.187 mW/g

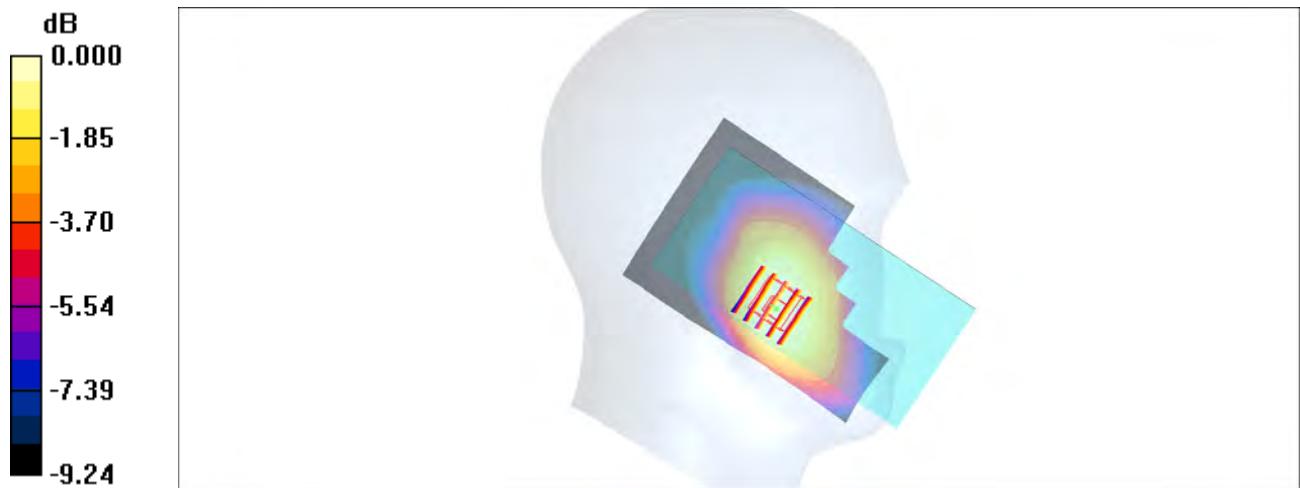
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.0 V/m; Power Drift = 0.090 dB

Peak SAR (extrapolated) = 0.197 W/kg

**SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.122 mW/g**

Maximum value of SAR (measured) = 0.185 mW/g



0 dB = 0.185mW/g

### #02\_GSM1900\_GPRS (3 Tx slots)\_Right Cheek\_Ch661

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2.77

Medium: HSL\_1900\_150509 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.1, 8.1, 8.1); Calibrated: 2014/11/21
- 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

**Ch661/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.112 mW/g

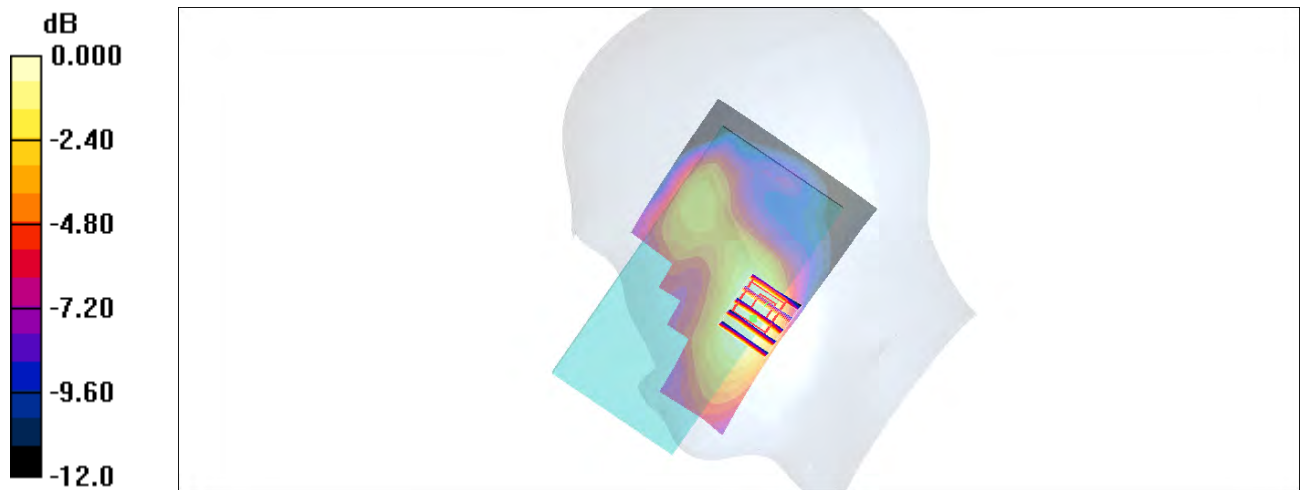
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.72 V/m; Power Drift = -0.067 dB

Peak SAR (extrapolated) = 0.115 W/kg

**SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.052 mW/g**

Maximum value of SAR (measured) = 0.099 mW/g



0 dB = 0.099mW/g

### #03\_WCDMA V\_RMC 12.2Kbps\_Left Cheek\_Ch4233

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

Medium: HSL\_850\_150512 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.908$  mho/m;  $\epsilon_r = 40.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(9.79, 9.79, 9.79); Calibrated: 2014/5/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch4233/Area Scan (71x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.220 mW/g

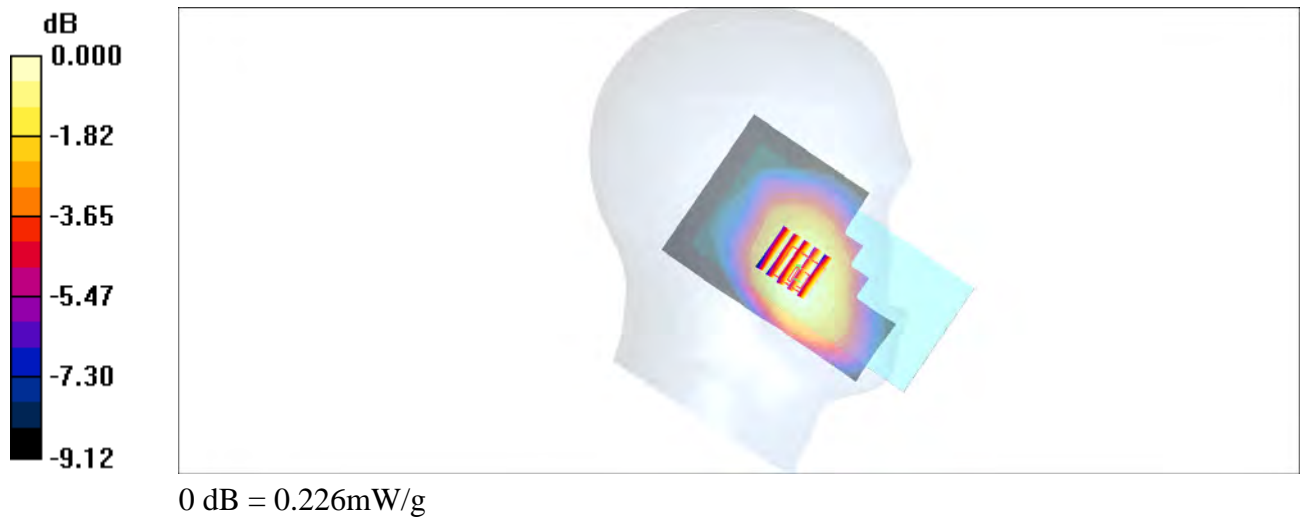
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.0 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.244 W/kg

**SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.148 mW/g**

Maximum value of SAR (measured) = 0.226 mW/g



### #04\_WCDMA II\_RMC 12.2Kbps\_Right Cheek\_Ch9262

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

Medium: HSL\_1900\_150509 Medium parameters used :  $f = 1852.4 \text{ MHz}$ ;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon_r = 39.8$ ;

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.1, 8.1, 8.1); Calibrated: 2014/11/21
- 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

**Ch9262/Area Scan (71x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.217 \text{ mW/g}$

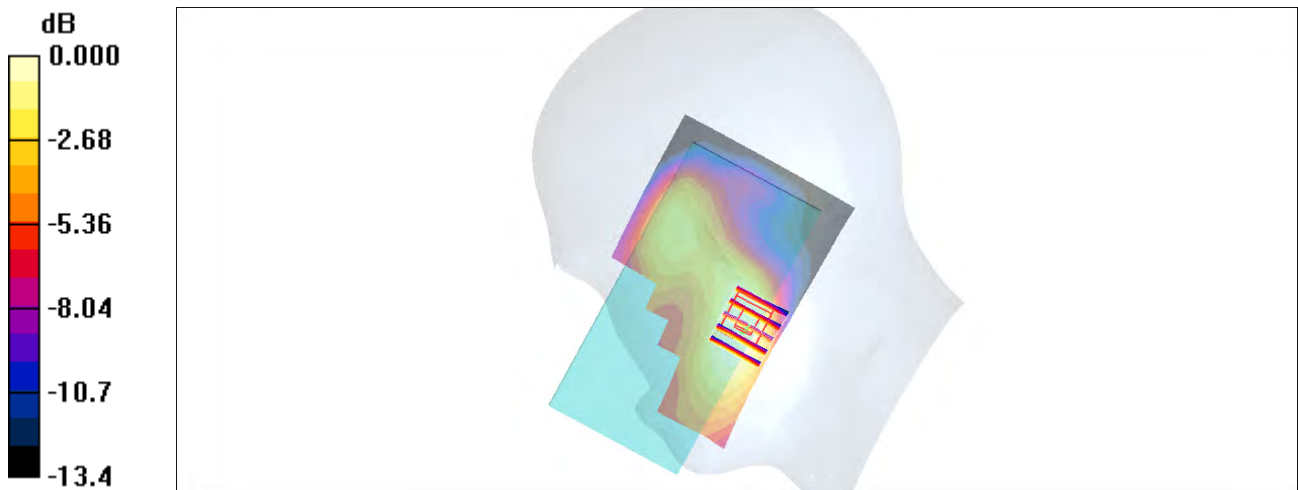
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $12.0 \text{ V/m}$ ; Power Drift =  $-0.002 \text{ dB}$

Peak SAR (extrapolated) =  $0.215 \text{ W/kg}$

**SAR(1 g) =  $0.147 \text{ mW/g}$ ; SAR(10 g) =  $0.097 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.192 \text{ mW/g}$



0 dB =  $0.192\text{mW/g}$

### #05\_LTE Band 5\_10M\_QPSK\_1RB\_0offset\_Left Cheek\_Ch20525

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

Medium: HSL\_850\_150512 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.899$  mho/m;  $\epsilon_r = 40.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.32, 10.32, 10.32); Calibrated: 2014/9/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch20525/Area Scan (71x131x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.232 mW/g

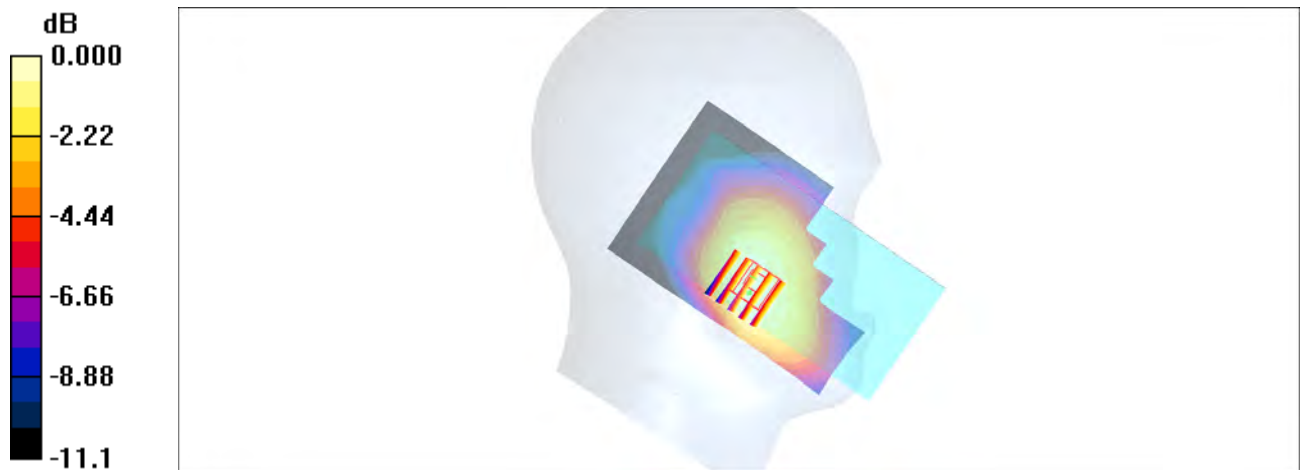
**Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.2 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 0.256 W/kg

**SAR(1 g) = 0.201 mW/g; SAR(10 g) = 0.155 mW/g**

Maximum value of SAR (measured) = 0.235 mW/g



0 dB = 0.235mW/g

### #06\_LTE Band 7\_20M\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch21350

Communication System: LTE; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL\_2600\_150507 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.99$  mho/m;  $\epsilon_r = 38.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.9, 6.9, 6.9); Calibrated: 2015/3/31
- Sensor-Surface: 1.4mm (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

**Ch21350/Area Scan (81x151x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.177 mW/g

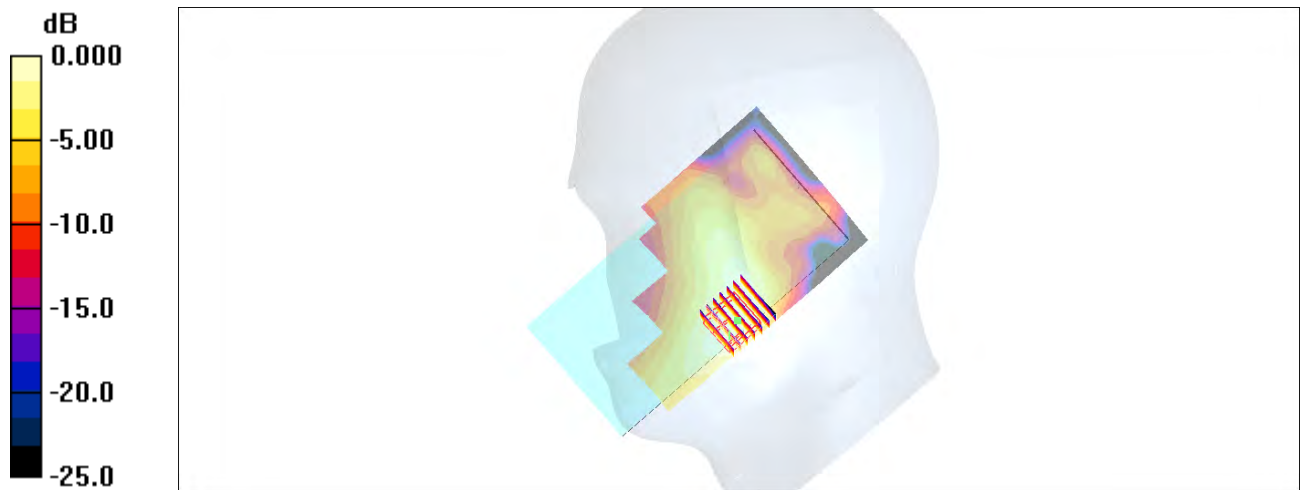
**Ch21350/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.69 V/m; Power Drift = -0.066 dB

Peak SAR (extrapolated) = 0.213 W/kg

**SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.056 mW/g**

Maximum value of SAR (measured) = 0.169 mW/g



0 dB = 0.169mW/g

### #07\_WLAN2.4GHz\_802.11b 1Mbps\_Right Cheek\_Ch11

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1.019

Medium: HSL\_2450\_150508 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.85 \text{ mho/m}$ ;  $\epsilon_r = 39$ ;  $\rho = 1000 \text{ kg/m}^3$

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.11, 7.11, 7.11); Calibrated: 2015/3/31
- Sensor-Surface: 1.4mm (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

**Ch11/Area Scan (81x151x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

Maximum value of SAR (interpolated) =  $1.25 \text{ mW/g}$

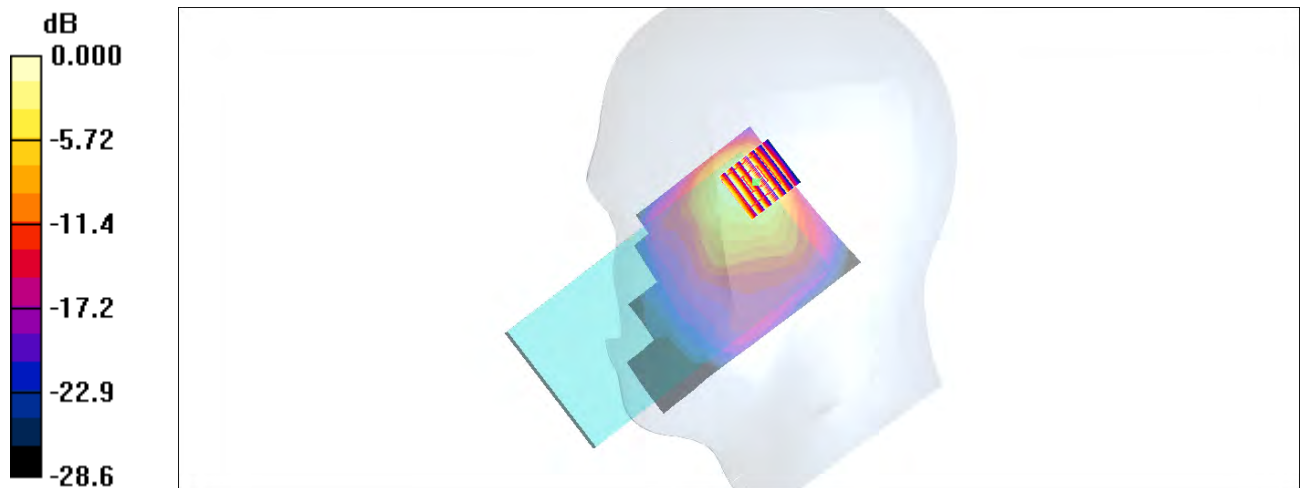
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $25.3 \text{ V/m}$ ; Power Drift =  $-0.012 \text{ dB}$

Peak SAR (extrapolated) =  $1.54 \text{ W/kg}$

**SAR(1 g) =  $0.648 \text{ mW/g}$ ; SAR(10 g) =  $0.300 \text{ mW/g}$**

Maximum value of SAR (measured) =  $1.12 \text{ mW/g}$



0 dB =  $1.12\text{mW/g}$

### #08\_WLAN5GHz\_802.11n-HT40 MCS0\_Right Tilted\_Ch54

Communication System: 802.11n; Frequency: 5270 MHz; Duty Cycle: 1:1.257

Medium: HSL\_5G\_150523 Medium parameters used :  $f = 5270$  MHz;  $\sigma = 4.627$  S/m;  $\epsilon_r = 36.694$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(4.92, 4.92, 4.92); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch54/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.700 W/kg

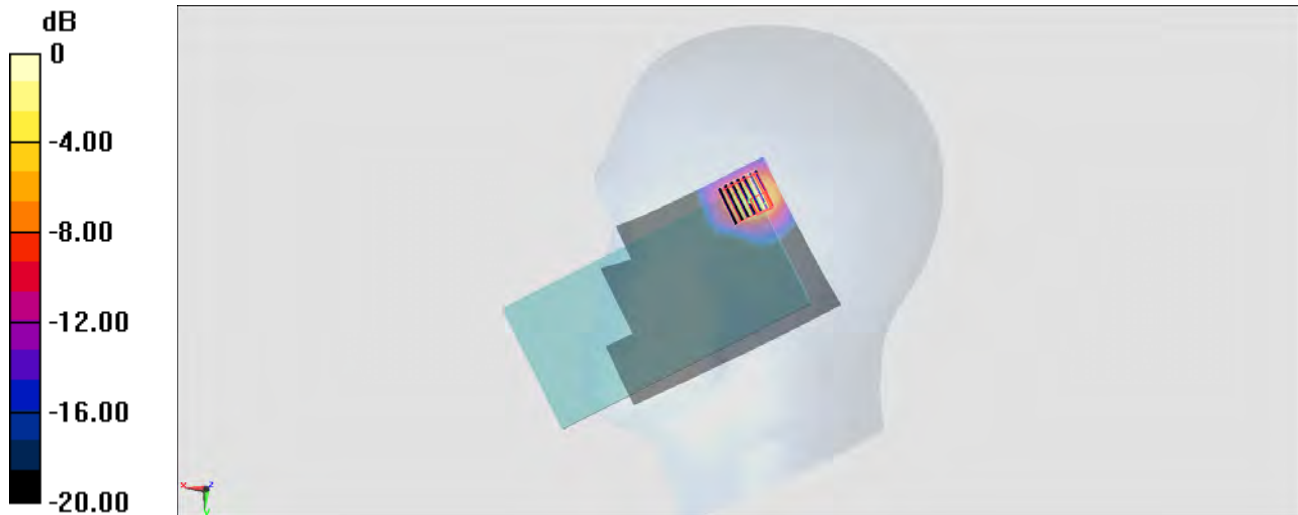
**Configuration/Ch54/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.56 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.75 W/kg

**SAR(1 g) = 0.481 W/kg; SAR(10 g) = 0.127 W/kg**

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



0 dB = 1.15 W/kg = 0.61 dBW/kg



### #09\_WLAN5GHz\_802.11n-HT40 MCS0\_Right Tilted\_Ch110

Communication System: 802.11n; Frequency: 5550 MHz; Duty Cycle: 1:1.257

Medium: HSL\_5G\_150523 Medium parameters used:  $f = 5550$  MHz;  $\sigma = 4.897$  S/m;  $\epsilon_r = 36.348$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(4.6, 4.6, 4.6); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch110/Area Scan (101x201x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.961 W/kg

**Configuration/Ch110/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,

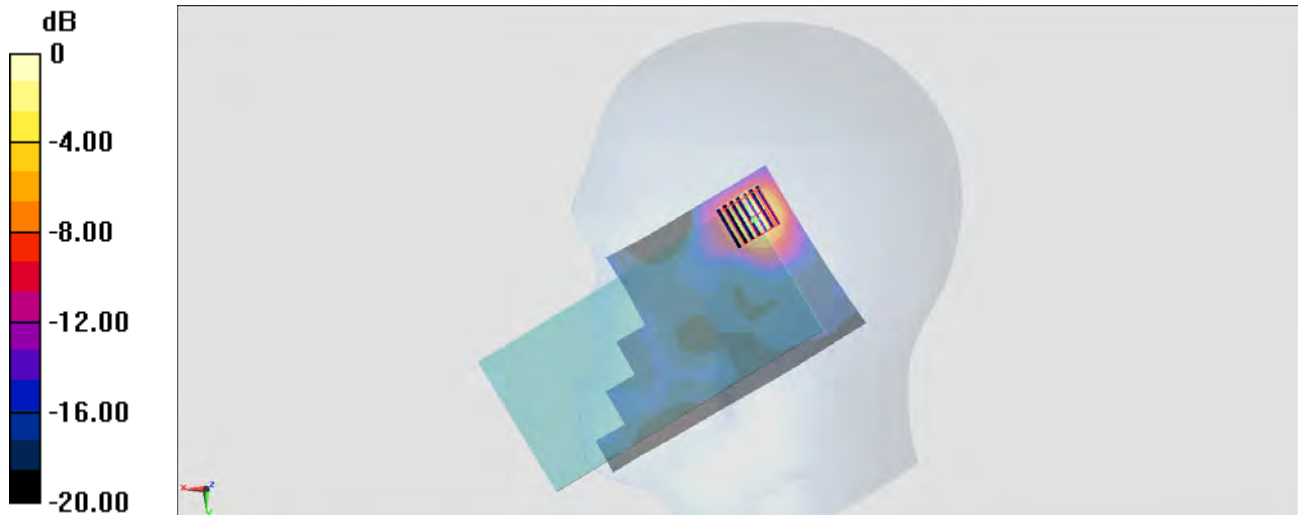
dz=1.4mm

Reference Value = 15.14 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.78 W/kg

**SAR(1 g) = 0.433 W/kg; SAR(10 g) = 0.118 W/kg**

Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg = 0.21 dBW/kg

### #10\_WLAN5GHz\_802.11n-HT40 MCS0\_Right Tilted\_Ch151

Communication System: 802.11n ; Frequency: 5755 MHz;Duty Cycle: 1:1.257

Medium: HSL\_5G\_150523 Medium parameters used :  $f = 5755$  MHz;  $\sigma = 5.134$  S/m;  $\epsilon_r = 36.074$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(4.64, 4.64, 4.64); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch151/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.856 W/kg

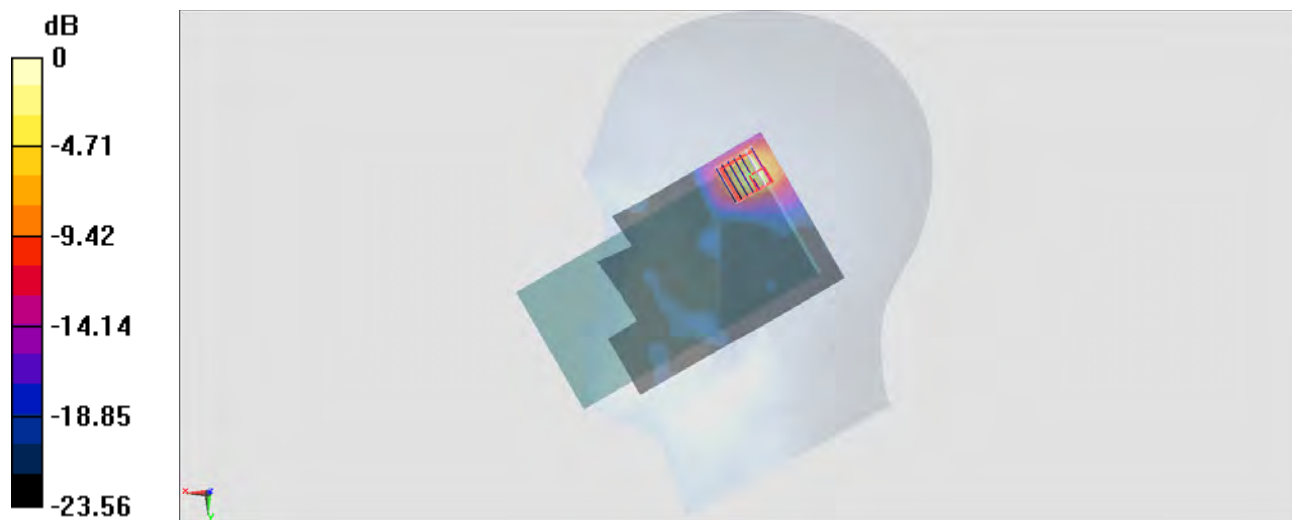
**Configuration/Ch151/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.80 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.44 W/kg

**SAR(1 g) = 0.620 W/kg; SAR(10 g) = 0.153 W/kg**

Maximum value of SAR (measured) = 1.56 W/kg



0 dB = 1.56 W/kg = 1.93 dBW/kg

### #11\_GSM850\_GPRS (4 Tx slots)\_Back\_10mm\_Ch189

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:2.08

Medium: MSL\_850\_150529 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.986$  mho/m;  $\epsilon_r = 56.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.75, 8.75, 8.75); Calibrated: 2014/9/29
- Sensor-Surface: 1.4mm (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

**Ch189/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.581 mW/g

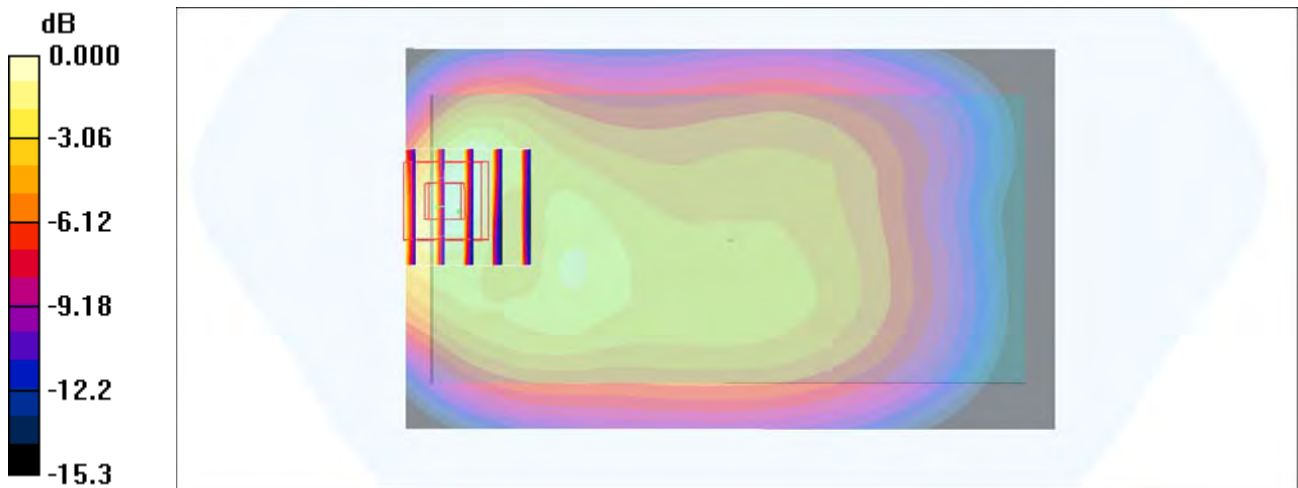
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.9 V/m; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 0.758 W/kg

**SAR(1 g) = 0.421 mW/g; SAR(10 g) = 0.235 mW/g**

Maximum value of SAR (measured) = 0.610 mW/g



0 dB = 0.610mW/g

### #12\_GSM1900\_GPRS (3 Tx slots)\_Back\_10mm\_Ch661

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2.77

Medium: MSL\_1900\_150514 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 55.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.06, 7.06, 7.06); Calibrated: 2014/9/29
- Sensor-Surface: 1.4mm (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 (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.361 mW/g

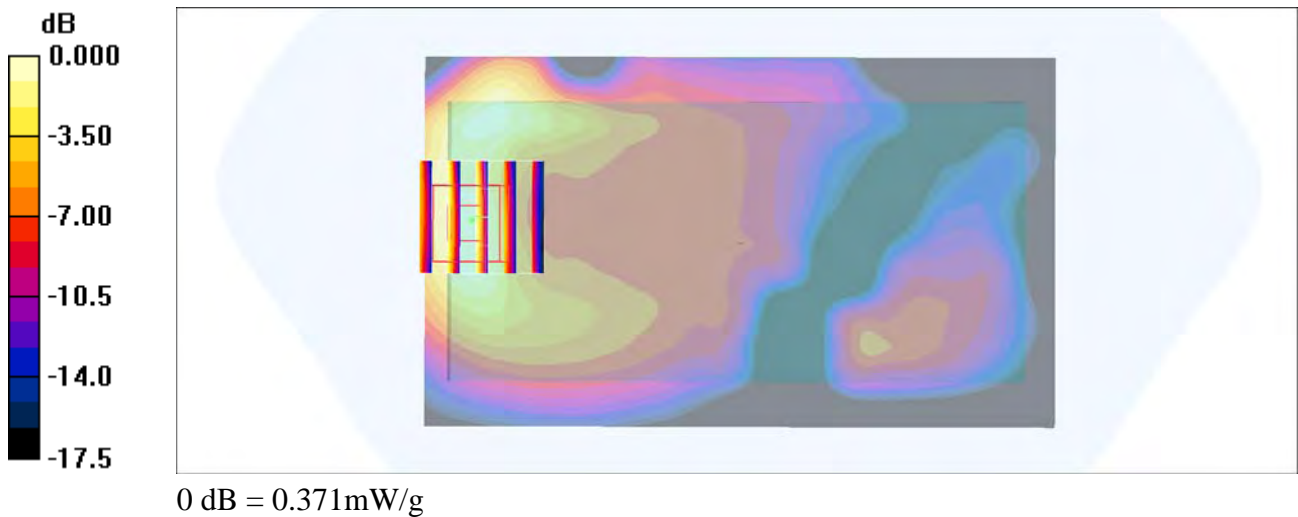
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.0 V/m; Power Drift = 0.046 dB

Peak SAR (extrapolated) = 0.440 W/kg

**SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.154 mW/g**

Maximum value of SAR (measured) = 0.371 mW/g



### #13\_WCDMA V\_RMC 12.2Kbps\_Back\_10mm\_Ch4233

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

Medium: MSL\_850\_150509 Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 1 \text{ mho/m}$ ;  $\epsilon_r = 54.3$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(10.01, 10.01, 10.01); Calibrated: 2014/11/21
- 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

**Ch4233/Area Scan (71x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.834 \text{ mW/g}$

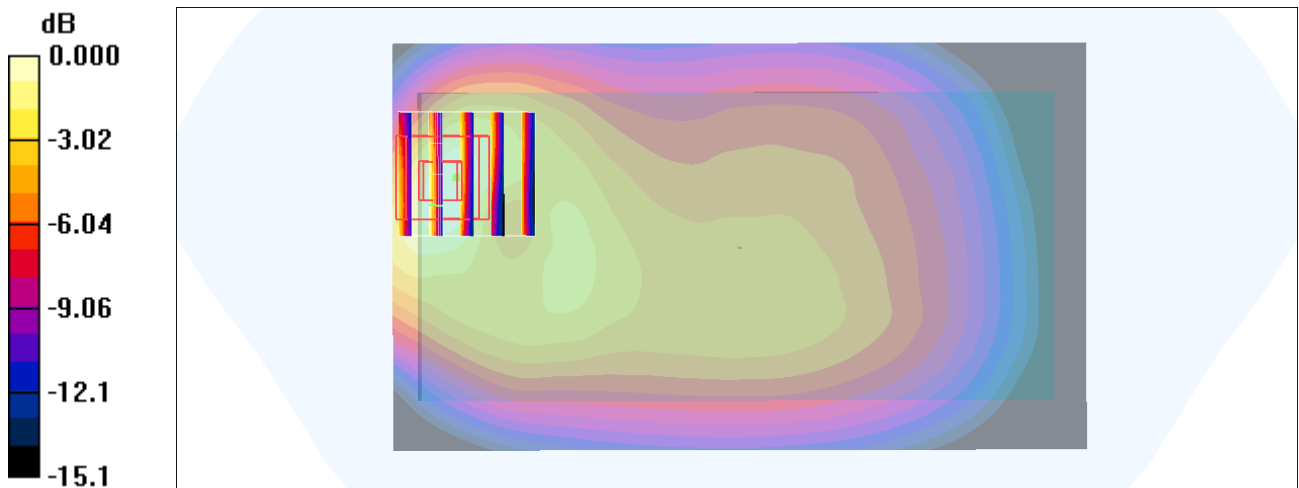
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $28.2 \text{ V/m}$ ; Power Drift =  $-0.075 \text{ dB}$

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

**SAR(1 g) =  $0.591 \text{ mW/g}$ ; SAR(10 g) =  $0.326 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.848 \text{ mW/g}$



0 dB =  $0.848\text{mW/g}$

### #14\_WCDMA II\_RMC 12.2Kbps\_Back\_10mm\_Ch9262

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

Medium: MSL\_1900\_150518 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.49$  mho/m;  $\epsilon_r = 54.4$ ;

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.06, 7.06, 7.06); Calibrated: 2014/9/29
- Sensor-Surface: 1.4mm (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 (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.92 mW/g

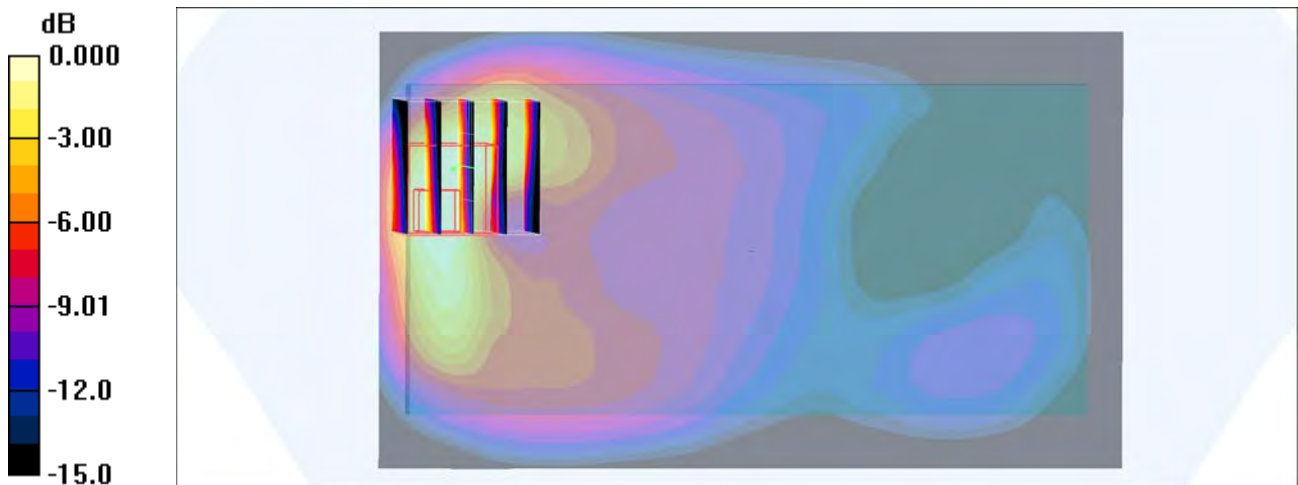
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.8 V/m; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 2.19 W/kg

**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.519 mW/g**

Maximum value of SAR (measured) = 1.68 mW/g



0 dB = 1.68mW/g

### #15\_LTE Band 5\_10M\_QPSK\_1RB\_0offset\_Back\_10mm\_Ch20525

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

Medium: MSL\_850\_150509 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.991$  mho/m;  $\epsilon_r = 54.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(10.01, 10.01, 10.01); Calibrated: 2014/11/21
- 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

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

Maximum value of SAR (interpolated) = 0.638 mW/g

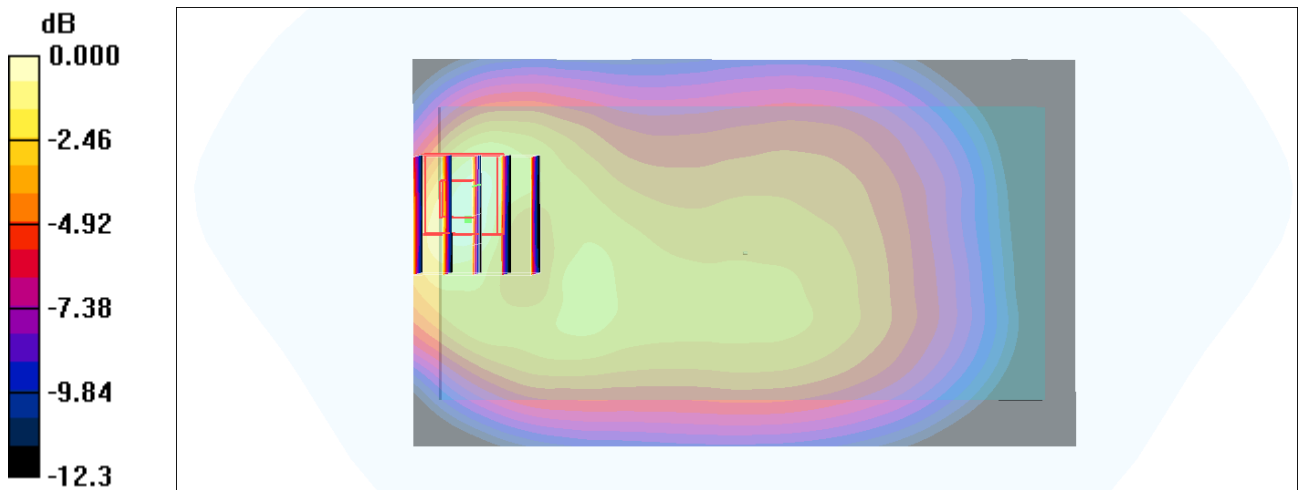
**Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.8 V/m; Power Drift = -0.079 dB

Peak SAR (extrapolated) = 0.828 W/kg

**SAR(1 g) = 0.450 mW/g; SAR(10 g) = 0.254 mW/g**

Maximum value of SAR (measured) = 0.675 mW/g



0 dB = 0.675mW/g

### #16\_LTE Band 7\_20M\_QPSK\_1RB\_0Offset\_Back\_10mm\_Ch21350

Communication System: LTE; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_150502 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 2.121$  S/m;  $\epsilon_r = 54.15$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(7.07, 7.07, 7.07); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch21350/Area Scan (81x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.678 W/kg

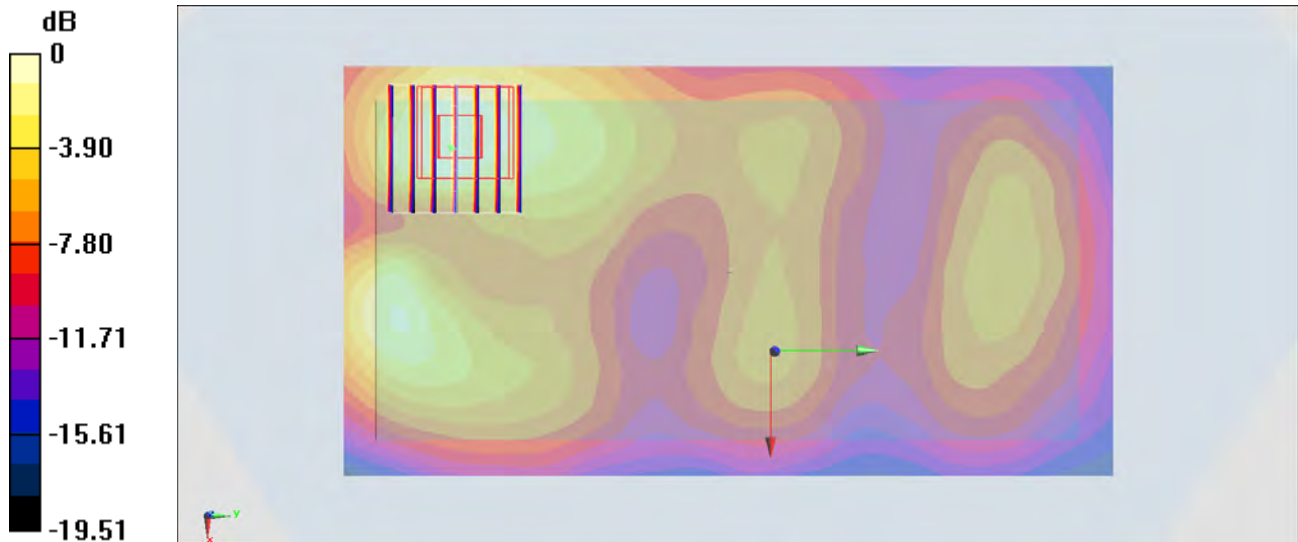
**Configuration/Ch21350/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.452 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.785 W/kg

**SAR(1 g) = 0.390 W/kg; SAR(10 g) = 0.204 W/kg**

Maximum value of SAR (measured) = 0.617 W/kg



0 dB = 0.617 W/kg = -2.10 dBW/kg



### #17\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_10mm\_Ch11

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1.019

Medium: MSL\_2450\_150508 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 2.02 \text{ mho/m}$ ;  $\epsilon_r = 53.4$ ;  $\rho = 1000 \text{ kg/m}^3$

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.95, 6.95, 6.95); Calibrated: 2015/3/31
- Sensor-Surface: 1.4mm (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

**Ch11/Area Scan (91x151x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

Maximum value of SAR (interpolated) =  $0.350 \text{ mW/g}$

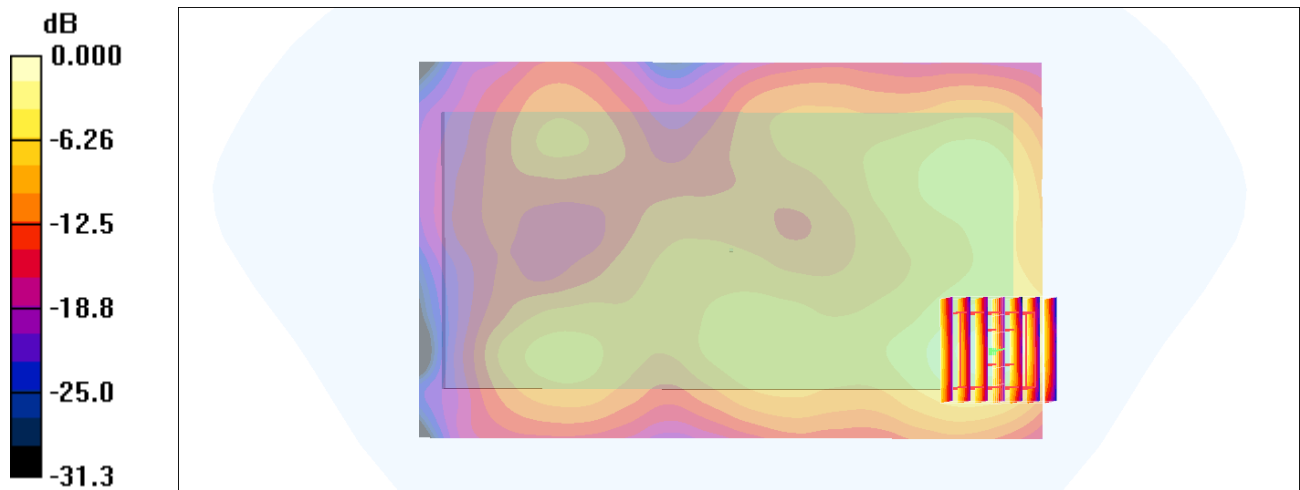
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $13.6 \text{ V/m}$ ; Power Drift =  $0.009 \text{ dB}$

Peak SAR (extrapolated) =  $0.459 \text{ W/kg}$

**SAR(1 g) =  $0.197 \text{ mW/g}$ ; SAR(10 g) =  $0.088 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.341 \text{ mW/g}$



0 dB =  $0.341\text{mW/g}$

### #18\_WLAN5GHz\_802.11n-HT40 MCS0\_Top Side\_10mm\_Ch46

Communication System: 802.11n ; Frequency: 5230 MHz;Duty Cycle: 1:1.257

Medium: MSL\_5G\_150523 Medium parameters used:  $f = 5230 \text{ MHz}$ ;  $\sigma = 5.445 \text{ S/m}$ ;  $\epsilon_r = 47.871$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.6 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.6 \text{ }^\circ\text{C}$

#### DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(4.32, 4.32, 4.32); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch46/Area Scan (61x101x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.368 \text{ W/kg}$

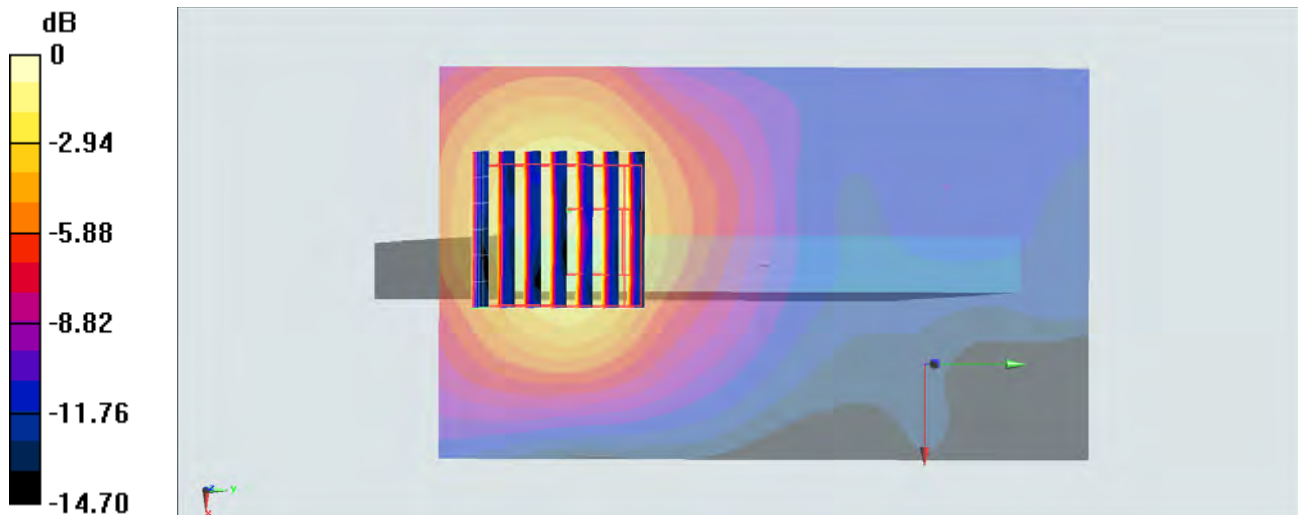
**Configuration/Ch46/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $9.856 \text{ V/m}$ ; Power Drift =  $-0.17 \text{ dB}$

Peak SAR (extrapolated) =  $0.716 \text{ W/kg}$

**SAR(1 g) =  $0.225 \text{ W/kg}$ ; SAR(10 g) =  $0.095 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.453 \text{ W/kg}$



0 dB =  $0.453 \text{ W/kg} = -3.44 \text{ dBW/kg}$

### #19\_GSM850\_GPRS (4 Tx slots)\_Back\_15mm\_Ch189

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:2.08

Medium: MSL\_850\_150529 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.986$  mho/m;  $\epsilon_r = 56.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.75, 8.75, 8.75); Calibrated: 2014/9/29
- Sensor-Surface: 1.4mm (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

**Ch189/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.270 mW/g

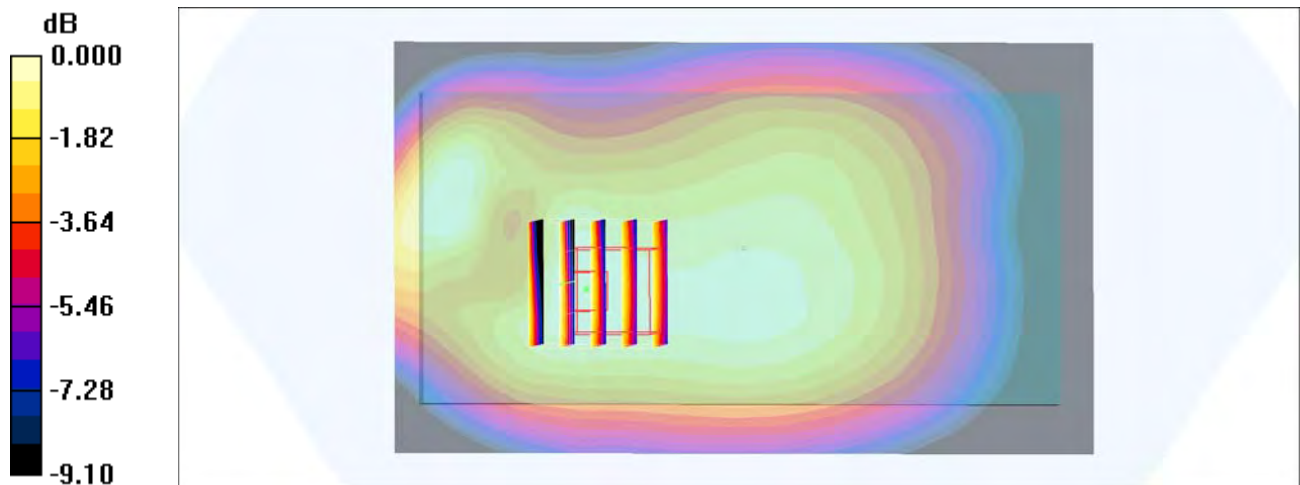
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.3 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 0.291 W/kg

**SAR(1 g) = 0.217 mW/g; SAR(10 g) = 0.162 mW/g**

Maximum value of SAR (measured) = 0.262 mW/g



0 dB = 0.262mW/g

### #20\_GSM1900\_GPRS (3 Tx slots)\_Back\_15mm\_Ch661

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2.77

Medium: MSL\_1900\_150514 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.51 \text{ mho/m}$ ;  $\epsilon_r = 55.2$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.6 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.6 \text{ }^\circ\text{C}$

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.06, 7.06, 7.06); Calibrated: 2014/9/29
- Sensor-Surface: 1.4mm (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 (71x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.189 \text{ mW/g}$

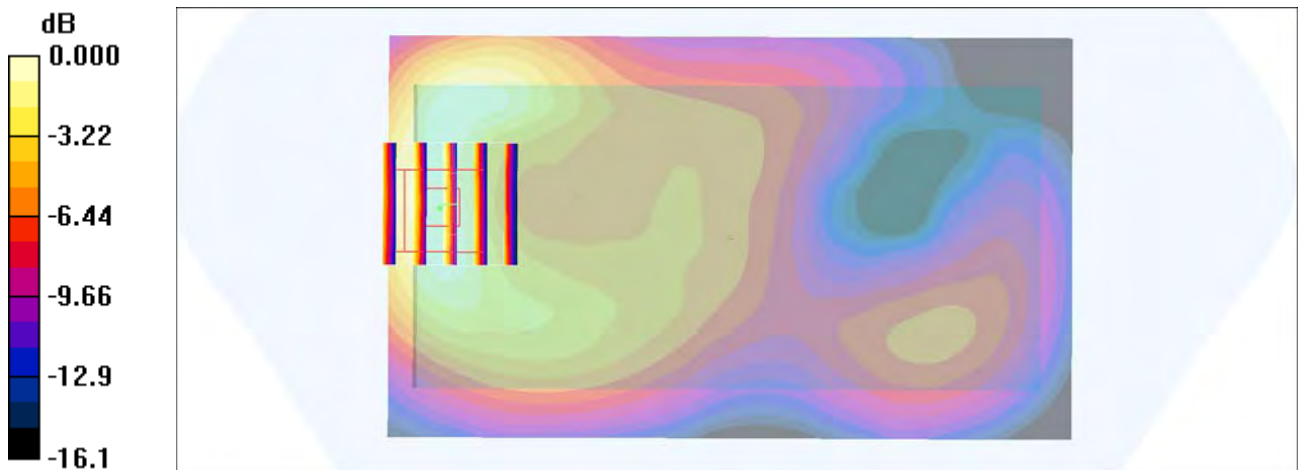
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $11.7 \text{ V/m}$ ; Power Drift =  $0.008 \text{ dB}$

Peak SAR (extrapolated) =  $0.216 \text{ W/kg}$

**SAR(1 g) =  $0.140 \text{ mW/g}$ ; SAR(10 g) =  $0.083 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.189 \text{ mW/g}$



0 dB =  $0.189\text{mW/g}$

### #21\_WCDMA V\_RMC 12.2Kbps\_Back\_15mm\_Ch4233

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

Medium: MSL\_850\_150509 Medium parameters used:  $f = 847$  MHz;  $\sigma = 1$  mho/m;  $\epsilon_r = 54.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(10.01, 10.01, 10.01); Calibrated: 2014/11/21
- 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

**Ch4233/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.335 mW/g

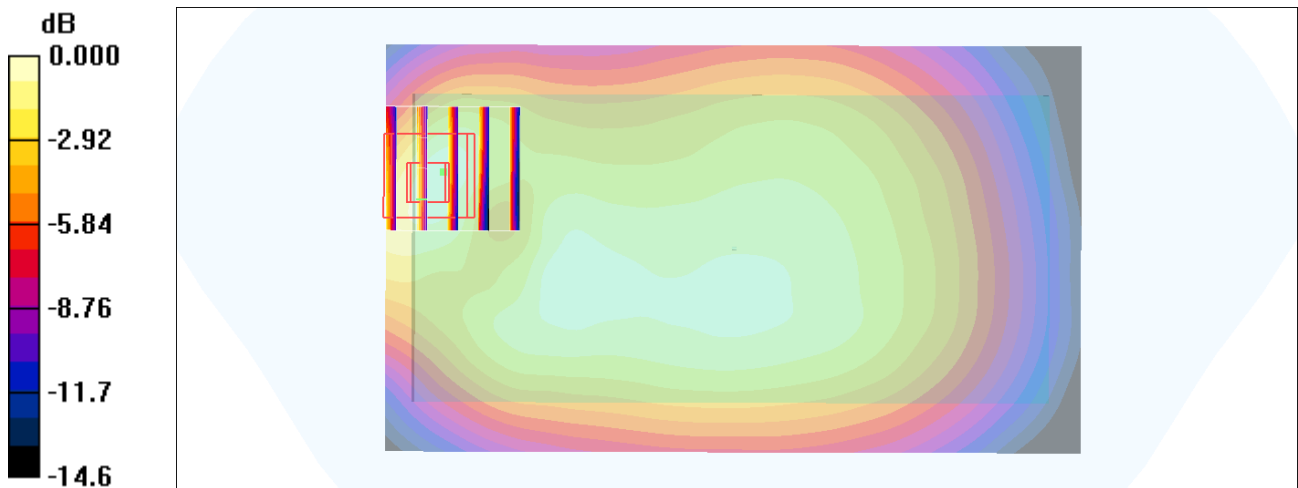
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.4 V/m; Power Drift = -0.083 dB

Peak SAR (extrapolated) = 0.432 W/kg

**SAR(1 g) = 0.251 mW/g; SAR(10 g) = 0.146 mW/g**

Maximum value of SAR (measured) = 0.350 mW/g



0 dB = 0.350mW/g

### #22\_WCDMA II\_RMC 12.2Kbps\_Back\_15mm\_Ch9262

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

Medium: MSL\_1900\_150518 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.49$  mho/m;  $\epsilon_r = 54.4$ ;

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.06, 7.06, 7.06); Calibrated: 2014/9/29
- Sensor-Surface: 1.4mm (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 (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.521 mW/g

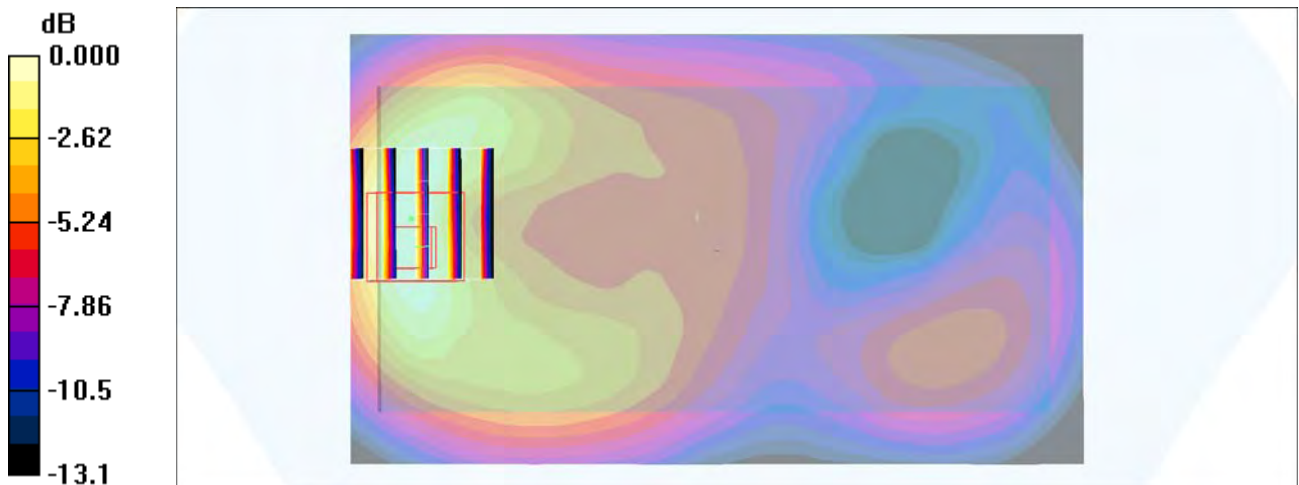
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.2 V/m; Power Drift = 0.006 dB

Peak SAR (extrapolated) = 0.584 W/kg

**SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.221 mW/g**

Maximum value of SAR (measured) = 0.520 mW/g



0 dB = 0.520mW/g

### #23\_LTE Band 5\_10M\_QPSK\_1RB\_0offset\_Back\_15mm\_Ch20525

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

Medium: MSL\_850\_150509 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.991$  mho/m;  $\epsilon_r = 54.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(10.01, 10.01, 10.01); Calibrated: 2014/11/21
- 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

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

Maximum value of SAR (interpolated) = 0.319 mW/g

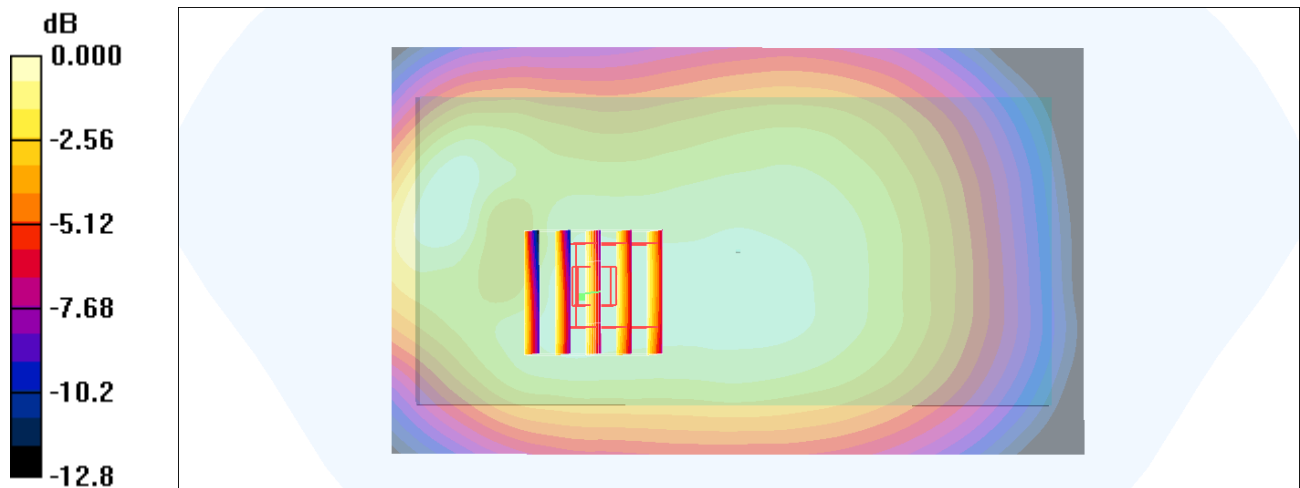
**Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.8 V/m; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 0.354 W/kg

**SAR(1 g) = 0.262 mW/g; SAR(10 g) = 0.195 mW/g**

Maximum value of SAR (measured) = 0.322 mW/g



0 dB = 0.322mW/g

## #24\_LTE Band 7\_20M\_QPSK\_1RB\_0Offset\_Back\_15mm\_Ch21350

Communication System: LTE; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_150502 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 2.121$  S/m;  $\epsilon_r = 54.15$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(7.07, 7.07, 7.07); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch21350/Area Scan (81x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.359 W/kg

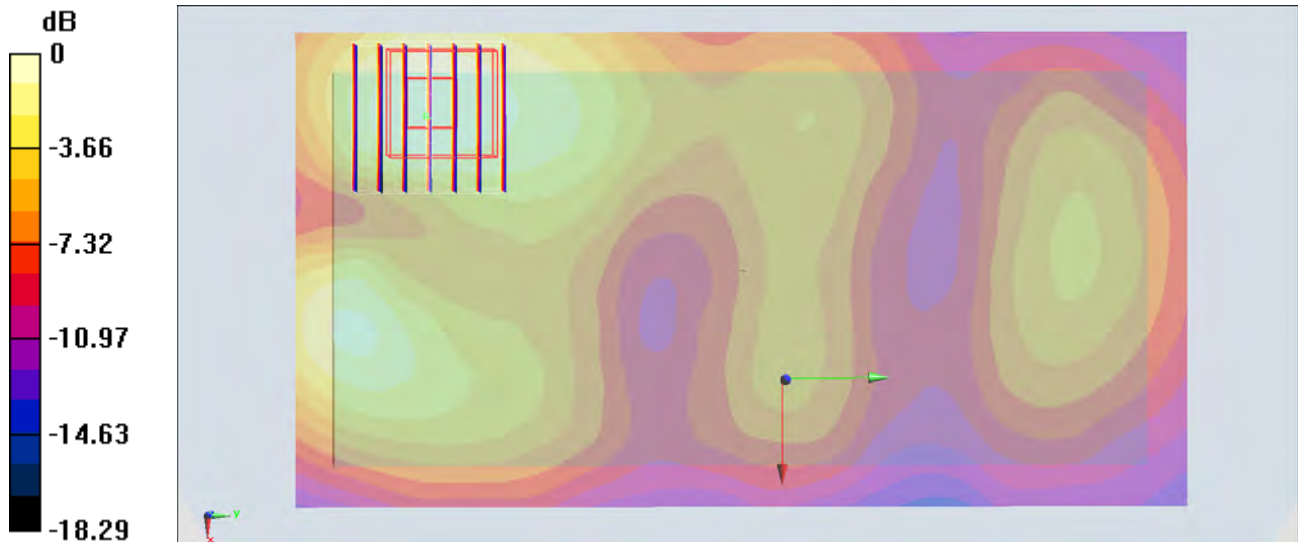
**Configuration/Ch21350/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.997 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.423 W/kg

**SAR(1 g) = 0.217 W/kg; SAR(10 g) = 0.119 W/kg**

Maximum value of SAR (measured) = 0.337 W/kg



0 dB = 0.337 W/kg = -4.72 dBW/kg



### #25\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_15mm\_Ch11

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1.019

Medium: MSL\_2450\_150508 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 2.02 \text{ mho/m}$ ;  $\epsilon_r = 53.4$ ;  $\rho = 1000 \text{ kg/m}^3$

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.95, 6.95, 6.95); Calibrated: 2015/3/31
- Sensor-Surface: 1.4mm (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

**Ch11/Area Scan (91x151x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

Maximum value of SAR (interpolated) =  $0.149 \text{ mW/g}$

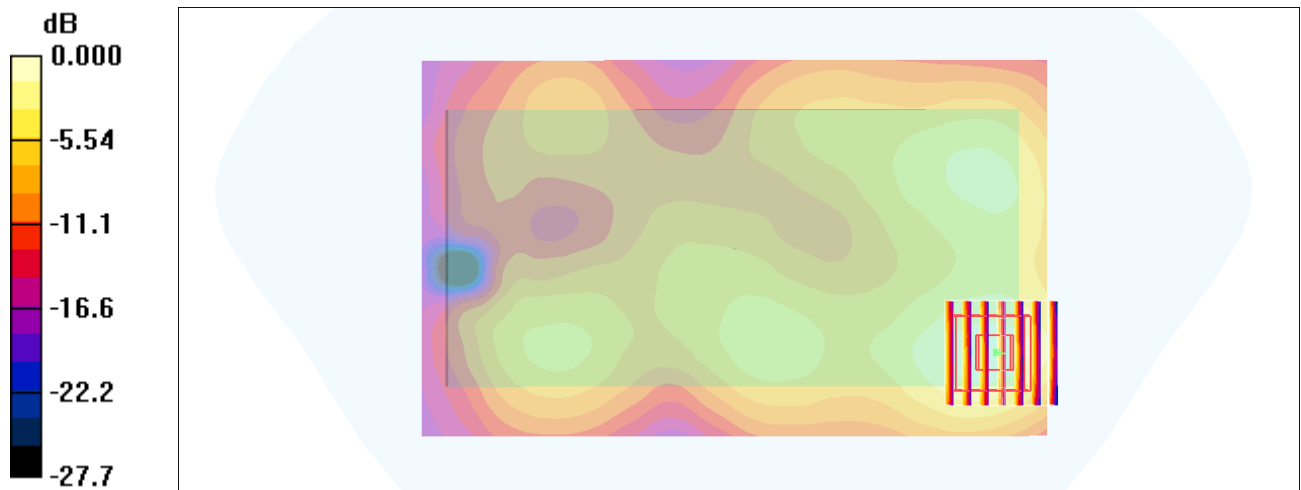
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $8.83 \text{ V/m}$ ; Power Drift =  $0.058 \text{ dB}$

Peak SAR (extrapolated) =  $0.185 \text{ W/kg}$

**SAR(1 g) =  $0.088 \text{ mW/g}$ ; SAR(10 g) =  $0.043 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.147 \text{ mW/g}$



0 dB =  $0.147\text{mW/g}$

## #26\_WLAN5GHz\_802.11n-HT40 MCS0\_Back\_15mm\_Ch54

Communication System: 802.11n; Frequency: 5270 MHz; Duty Cycle: 1:1.257

Medium: MSL\_5G\_150523 Medium parameters used:  $f = 5270$  MHz;  $\sigma = 4.627$  S/m;  $\epsilon_r = 36.694$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

### DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(4.15, 4.15, 4.15); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch54/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.162 W/kg

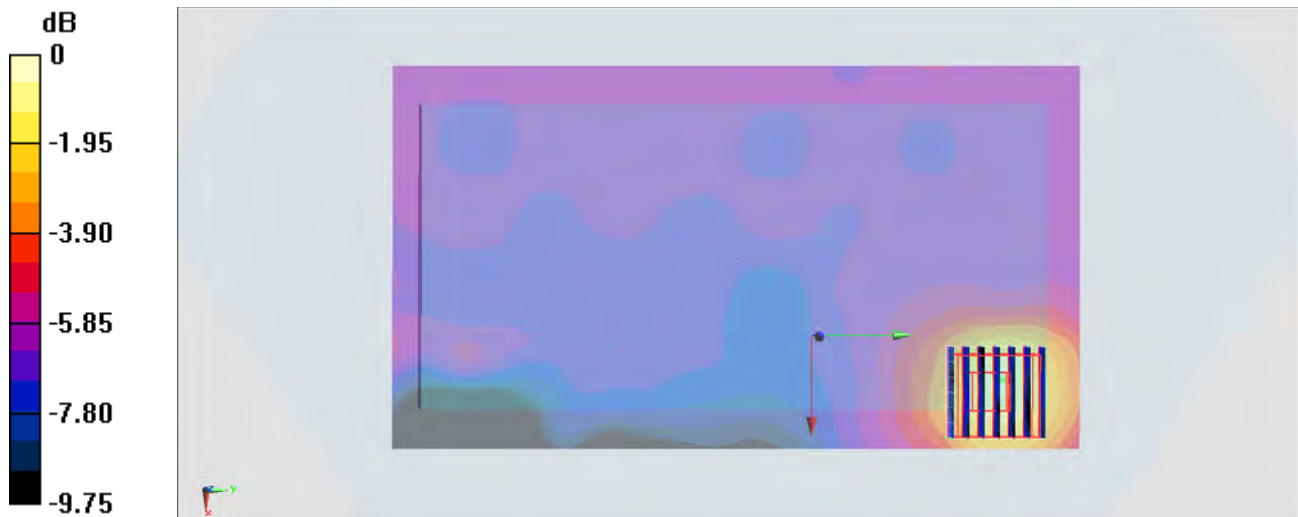
**Configuration/Ch54/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.318 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.264 W/kg

**SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.052 W/kg**

Maximum value of SAR (measured) = 0.179 W/kg



0 dB = 0.179 W/kg = -7.47 dBW/kg

## #27\_WLAN5GHz\_802.11n-HT40 MCS0\_Back\_15mm\_Ch110

Communication System: 802.11n; Frequency: 5550 MHz; Duty Cycle: 1:1.257

Medium: MSL\_5G\_150713 Medium parameters used:  $f = 5550 \text{ MHz}$ ;  $\sigma = 5.873 \text{ S/m}$ ;  $\epsilon_r = 47.012$ ;  $\rho = 1000 \text{ kg/m}^3$

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(3.74, 3.74, 3.74); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2014/12/29
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch110/Area Scan (101x181x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.133 \text{ W/kg}$

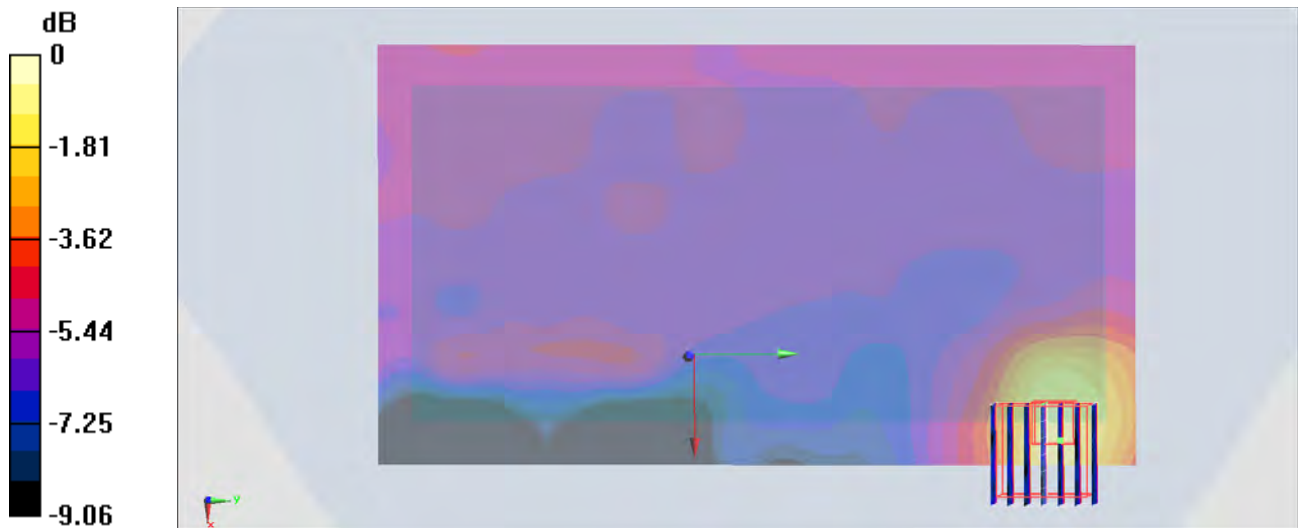
**Configuration/Ch110/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $5.921 \text{ V/m}$ ; Power Drift =  $-0.13 \text{ dB}$

Peak SAR (extrapolated) =  $0.302 \text{ W/kg}$

**SAR(1 g) =  $0.091 \text{ W/kg}$ ; SAR(10 g) =  $0.049 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.167 \text{ W/kg}$



0 dB =  $0.167 \text{ W/kg} = -7.77 \text{ dBW/kg}$

## #28\_WLAN5GHz\_02.11n-HT40 MCS0\_Back\_15mm\_Ch151

Communication System: 802.11n ; Frequency: 5755 MHz;Duty Cycle: 1:1.257

Medium: MSL\_5G\_150523 Medium parameters used :  $f = 5755$  MHz;  $\sigma = 5.134$  S/m;  $\epsilon_r = 36.074$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

### DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(3.96, 3.96, 3.96); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch151/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.191 W/kg

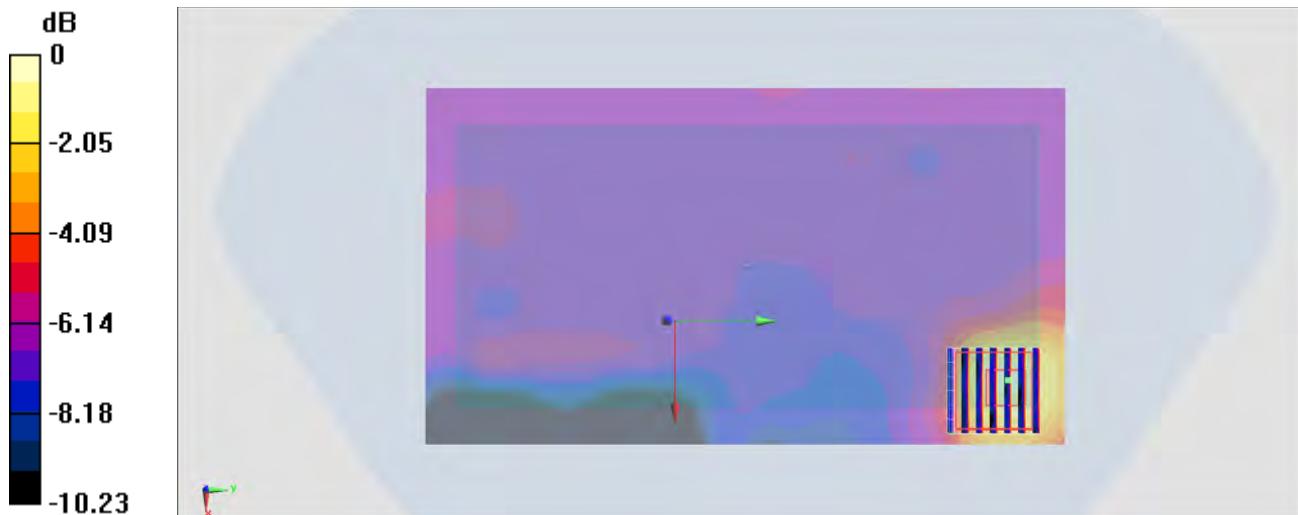
**Configuration/Ch151/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.773 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.367 W/kg

**SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.061 W/kg**

Maximum value of SAR (measured) = 0.216 W/kg



0 dB = 0.216 W/kg = -6.66 dBW/kg