

### #01\_GSM850\_GPRS (2 Tx slots)\_Left Cheek\_Ch251

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium: HSL\_850\_161026 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.895$  mho/m;  $\epsilon_r = 42.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(9.92, 9.92, 9.92); Calibrated: 2016/5/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1383
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

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

Maximum value of SAR (interpolated) = 0.369 mW/g

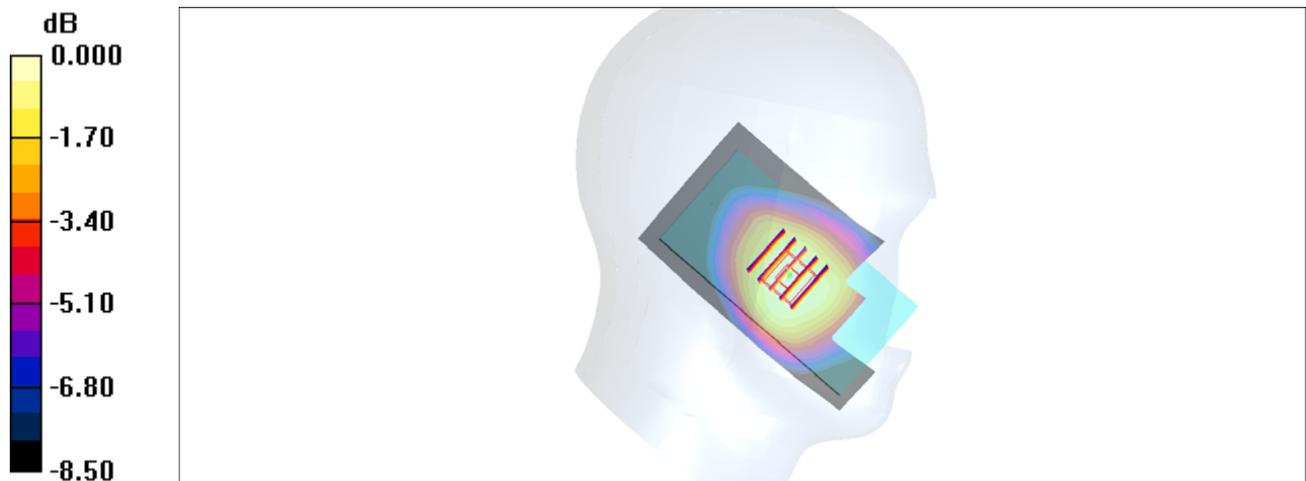
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.3 V/m; Power Drift = -0.030 dB

Peak SAR (extrapolated) = 0.392 W/kg

**SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.244 mW/g**

Maximum value of SAR (measured) = 0.369 mW/g



0 dB = 0.369mW/g

### #02\_GSM1900\_GPRS (2 Tx slots)\_Right Cheek\_Ch661

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4.15

Medium: HSL\_1900\_161026 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 38.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8.3, 8.3, 8.3); Calibrated: 2016/5/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1383
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

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

Maximum value of SAR (interpolated) = 0.543 mW/g

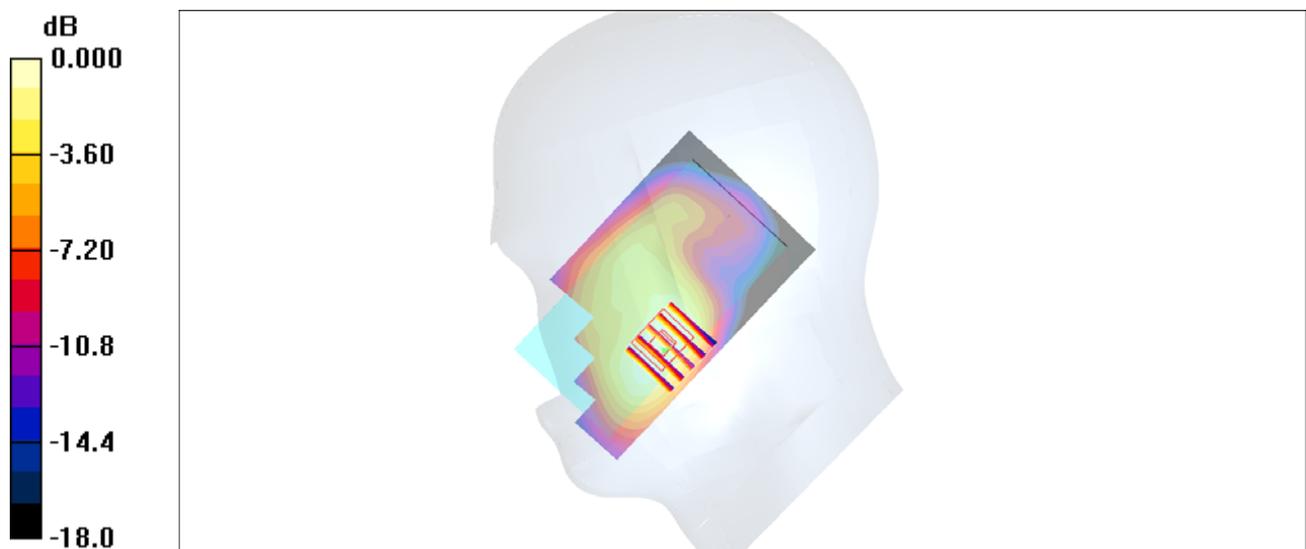
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.9 V/m; Power Drift = -0.035 dB

Peak SAR (extrapolated) = 0.661 W/kg

**SAR(1 g) = 0.407 mW/g; SAR(10 g) = 0.255 mW/g**

Maximum value of SAR (measured) = 0.555 mW/g



0 dB = 0.555mW/g

### #03\_WLAN2.4Ghz\_802.11b 1Mbps\_Right Cheek\_Ch1

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: HSL\_2450\_161027 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.747$  S/m;  $\epsilon_r = 40.902$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.6, 7.6, 7.6); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM\_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (81x141x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.570 W/kg

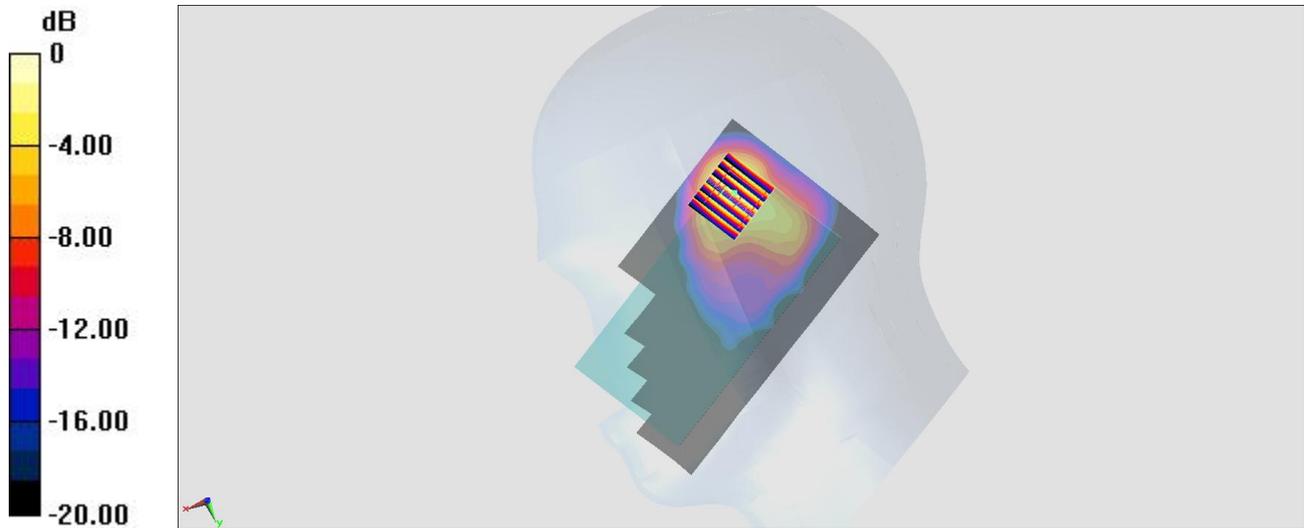
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.78 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.770 W/kg

**SAR(1 g) = 0.350 W/kg; SAR(10 g) = 0.170 W/kg**

Maximum value of SAR (measured) = 0.584 W/kg



0 dB = 0.584 W/kg = -2.34 dBW/kg

### #04\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Right Cheek\_Ch58

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.098

Medium: HSL\_5G\_161028 Medium parameters used:  $f = 5290$  MHz;  $\sigma = 4.62$  mho/m;  $\epsilon_r = 36.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(5.15, 5.15, 5.15); Calibrated: 2016/5/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1383
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

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

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

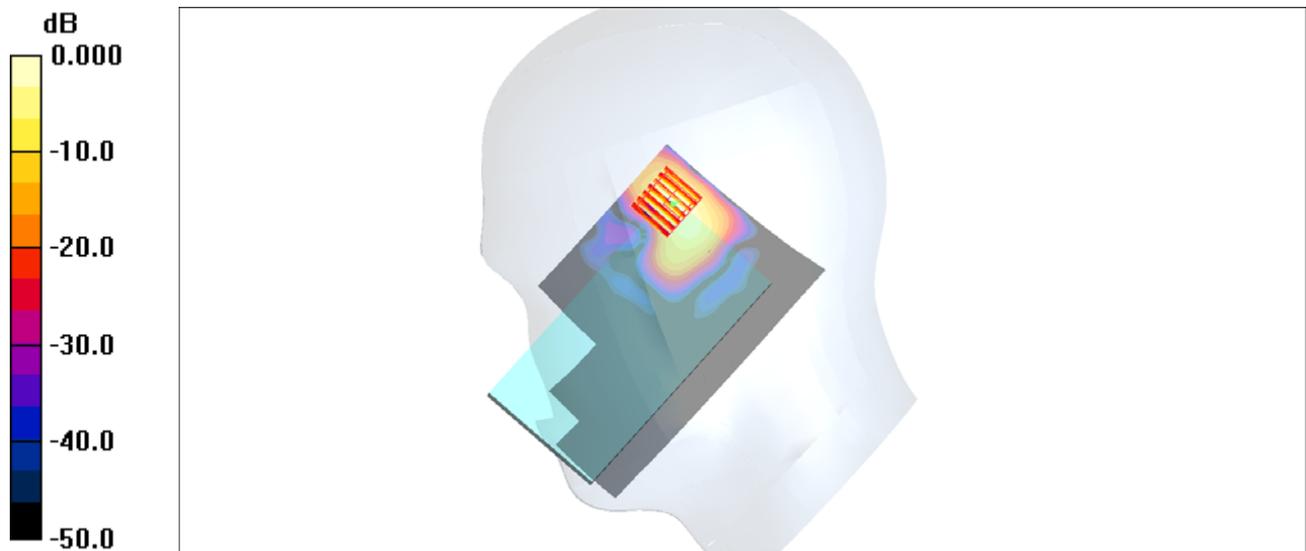
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.22 V/m; Power Drift = 0.110 dB

Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.260 mW/g; SAR(10 g) = 0.063 mW/g**

Maximum value of SAR (measured) = 0.674 mW/g



0 dB = 0.674mW/g

### #05\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Right Cheek\_Ch106

Communication System: 802.11ac; Frequency: 5530 MHz; Duty Cycle: 1:1.098

Medium: HSL\_5G\_161028 Medium parameters used:  $f = 5530$  MHz;  $\sigma = 4.85$  mho/m;  $\epsilon_r = 36$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °C

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.66, 4.66, 4.66); Calibrated: 2016/5/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1383
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Area Scan (91x161x1):** Measurement grid: dx=10mm, dy=10mm

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

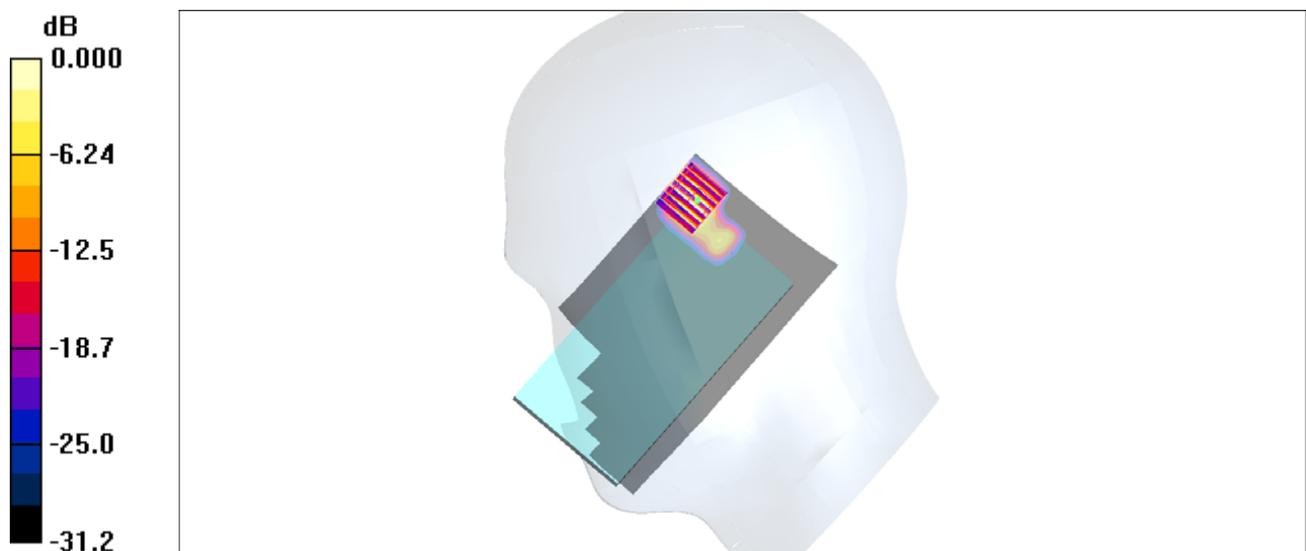
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.67 V/m; Power Drift = 0.100 dB

Peak SAR (extrapolated) = 1.33 W/kg

**SAR(1 g) = 0.311 mW/g; SAR(10 g) = 0.077 mW/g**

Maximum value of SAR (measured) = 0.783 mW/g



### #06\_GSM850\_GPRS (2 Tx slots)\_Back\_10mm\_Ch251

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium: MSL\_850\_161026 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.99$  mho/m;  $\epsilon_r = 57.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(9.91, 9.91, 9.91); Calibrated: 2016/5/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1383
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

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

Maximum value of SAR (interpolated) = 0.685 mW/g

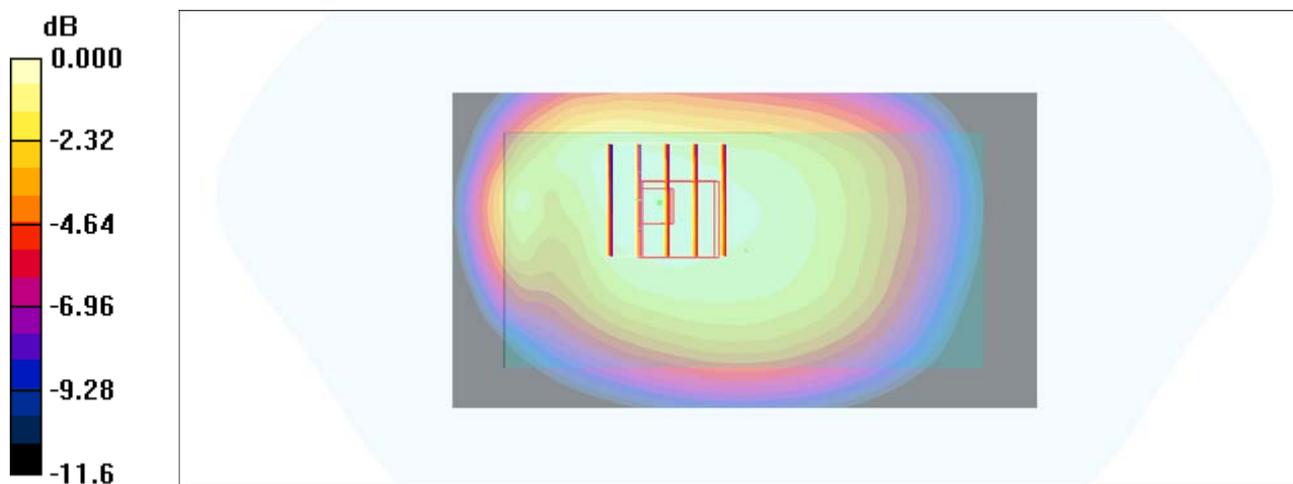
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.2 V/m; Power Drift = -0.055 dB

Peak SAR (extrapolated) = 0.773 W/kg

**SAR(1 g) = 0.563 mW/g; SAR(10 g) = 0.421 mW/g**

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



0 dB = 0.699mW/g

### #07\_GSM1900\_GPRS (2 Tx slots)\_Back\_10mm\_Ch661

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4.15

Medium: MSL\_1900\_161026 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8, 8, 8); Calibrated: 2016/5/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1383
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

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

Maximum value of SAR (interpolated) = 0.789 mW/g

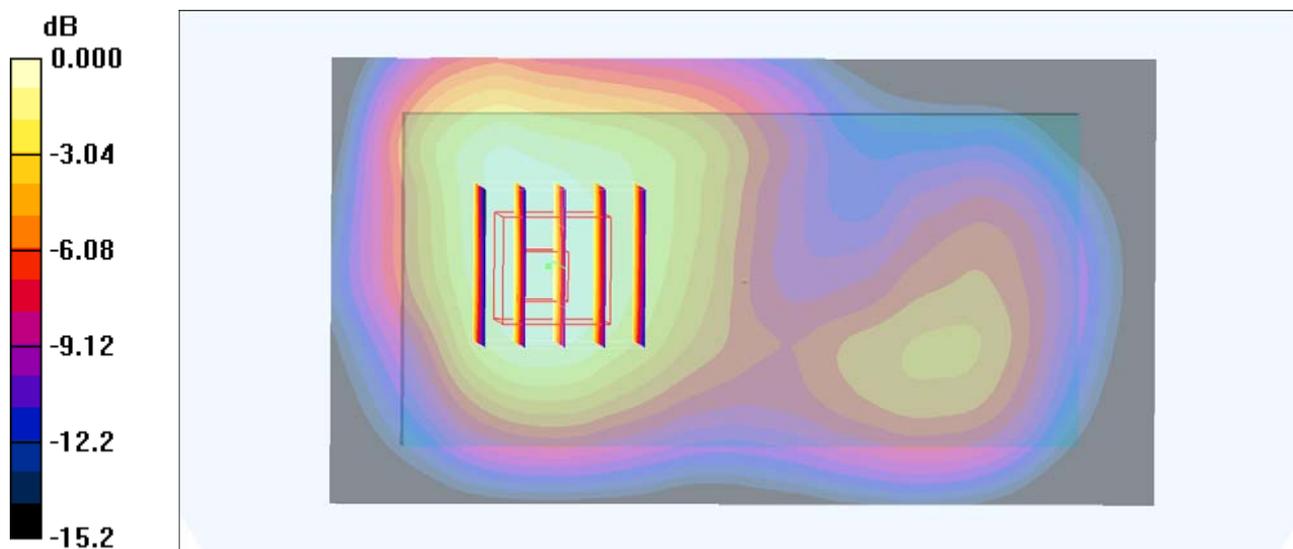
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.7 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.907 W/kg

**SAR(1 g) = 0.592 mW/g; SAR(10 g) = 0.378 mW/g**

Maximum value of SAR (measured) = 0.754 mW/g



0 dB = 0.754mW/g

### #08\_WLAN2.4Ghz\_802.11b 1Mbps\_Top Side\_10mm\_Ch1

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_161027 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.943$  S/m;  $\epsilon_r = 53.159$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.73, 7.73, 7.73); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM\_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (51x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.125 W/kg

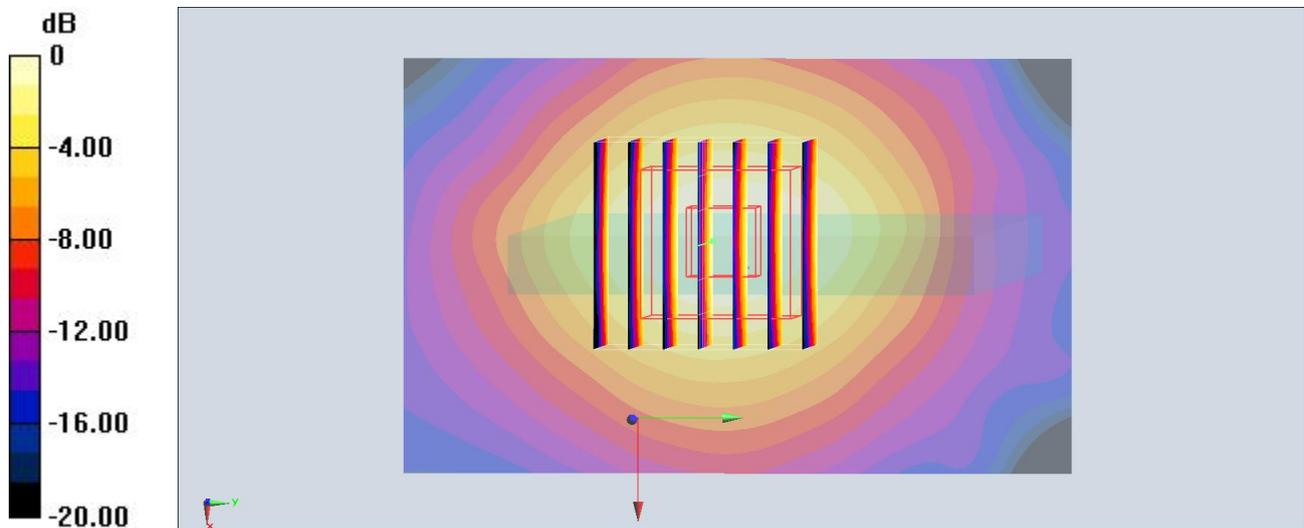
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.953 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.151 W/kg

**SAR(1 g) = 0.081 W/kg; SAR(10 g) = 0.043 W/kg**

Maximum value of SAR (measured) = 0.124 W/kg



0 dB = 0.124 W/kg = -9.07 dBW/kg

### #09\_GSM850\_GPRS (2 Tx slots)\_Back\_10mm\_Ch251

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium: MSL\_850\_161026 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.99$  mho/m;  $\epsilon_r = 57.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(9.91, 9.91, 9.91); Calibrated: 2016/5/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1383
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

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

Maximum value of SAR (interpolated) = 0.685 mW/g

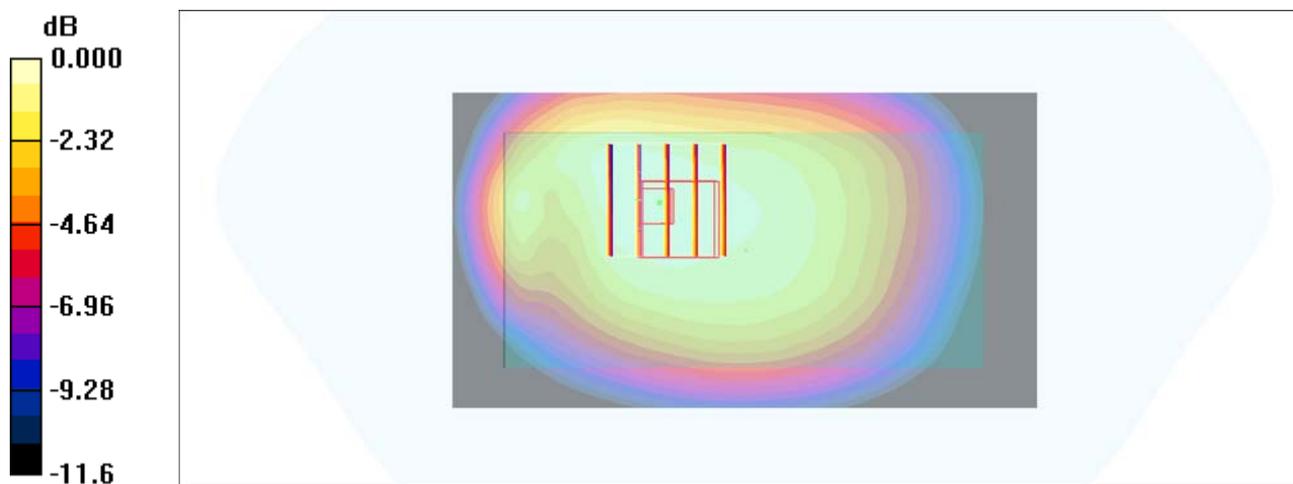
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.2 V/m; Power Drift = -0.055 dB

Peak SAR (extrapolated) = 0.773 W/kg

**SAR(1 g) = 0.563 mW/g; SAR(10 g) = 0.421 mW/g**

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



0 dB = 0.699mW/g

### #10\_GSM1900\_GPRS (2 Tx slots)\_Back\_10mm\_Ch661

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4.15

Medium: MSL\_1900\_161026 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8, 8, 8); Calibrated: 2016/5/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1383
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

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

Maximum value of SAR (interpolated) = 0.789 mW/g

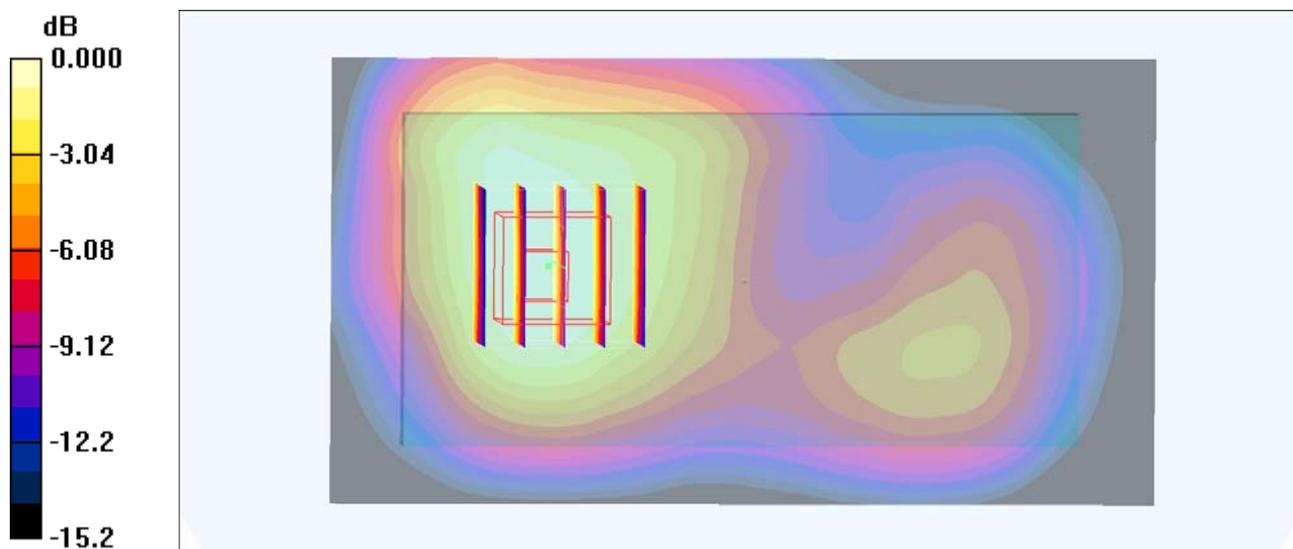
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.7 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.907 W/kg

**SAR(1 g) = 0.592 mW/g; SAR(10 g) = 0.378 mW/g**

Maximum value of SAR (measured) = 0.754 mW/g



0 dB = 0.754mW/g

### #11\_WLAN2.4Ghz\_802.11b 1Mbps\_Back\_10mm\_Ch1

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_161027 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.943$  S/m;  $\epsilon_r = 53.159$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.73, 7.73, 7.73); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM\_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (81x141x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.112 W/kg

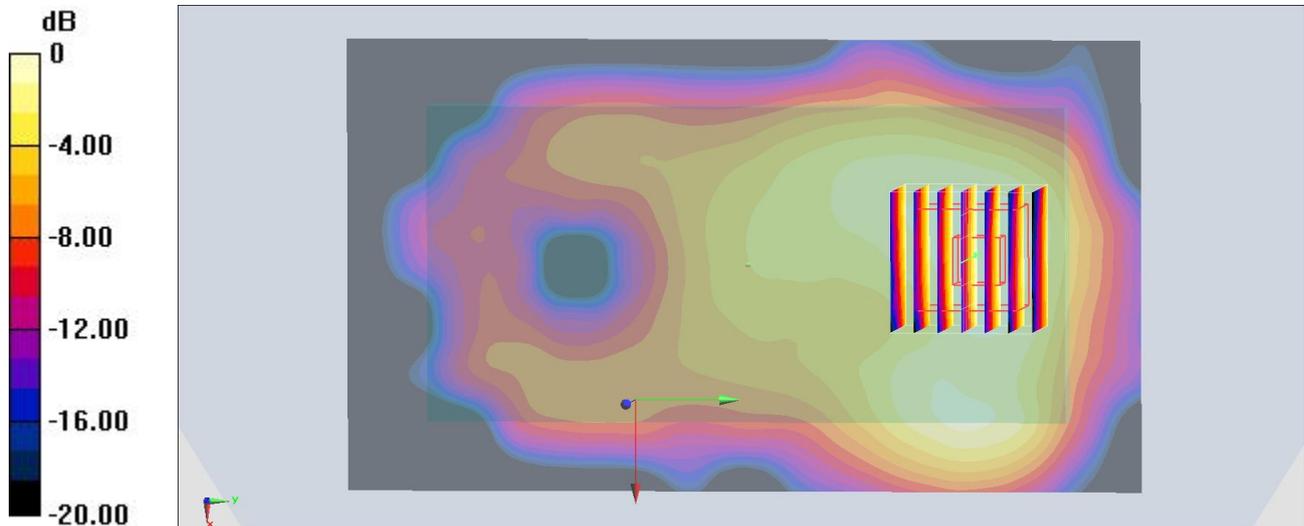
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.961 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.128 W/kg

**SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.042 W/kg**

Maximum value of SAR (measured) = 0.108 W/kg



0 dB = 0.108 W/kg = -9.67 dBW/kg

### #12\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_10mm\_Ch58

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.098

Medium: MSL\_5G\_161028 Medium parameters used:  $f = 5290$  MHz;  $\sigma = 5.52$  mho/m;  $\epsilon_r = 48$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °C

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.22, 4.22, 4.22); Calibrated: 2016/5/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1383
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Area Scan (91x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.247 mW/g

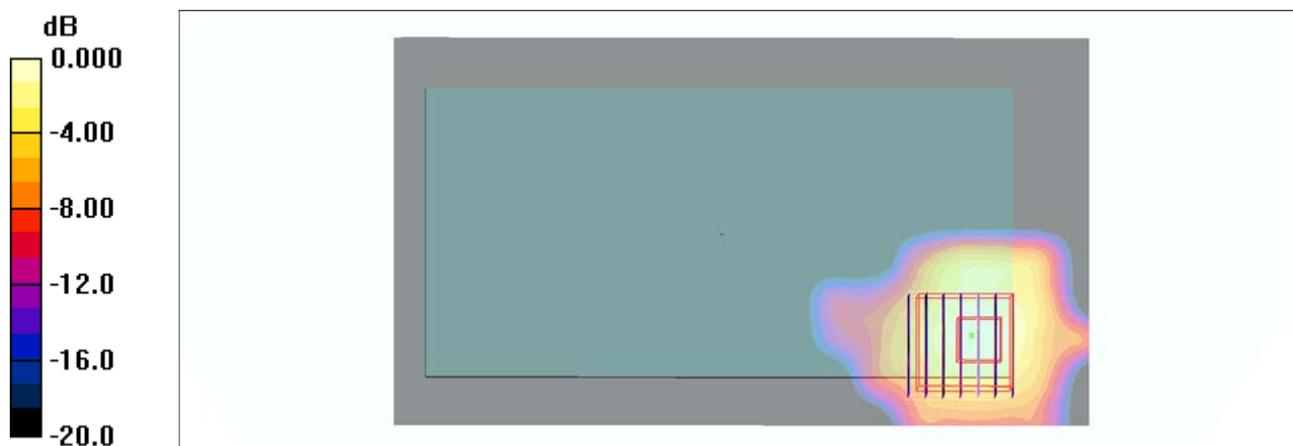
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.24 V/m; Power Drift = 0.169 dB

Peak SAR (extrapolated) = 0.397 W/kg

**SAR(1 g) = 0.107 mW/g; SAR(10 g) = 0.034 mW/g**

Maximum value of SAR (measured) = 0.256 mW/g



0 dB = 0.256mW/g

### #13\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_10mm\_Ch106

Communication System: 802.11ac; Frequency: 5530 MHz; Duty Cycle: 1:1.098

Medium: MSL\_5G\_161028 Medium parameters used:  $f = 5530$  MHz;  $\sigma = 5.84$  mho/m;  $\epsilon_r = 47.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °C

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.02, 4.02, 4.02); Calibrated: 2016/5/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1383
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

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

Maximum value of SAR (interpolated) = 0.206 mW/g

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

Reference Value = 6.41 V/m; Power Drift = 0.199 dB

Peak SAR (extrapolated) = 0.373 W/kg

**SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.024 mW/g**

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



0 dB = 0.225mW/g