

**#01\_GSM850\_GPRS (4 Tx slots)\_Left Cheek\_Ch251**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.08

Medium: HSL850\_140809 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.921$  S/m;  $\epsilon_r = 43.064$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(8.63, 8.63, 8.63); Calibrated: 2013/10/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2013/10/30
- Phantom: SAM-R; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch251/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.346 W/kg

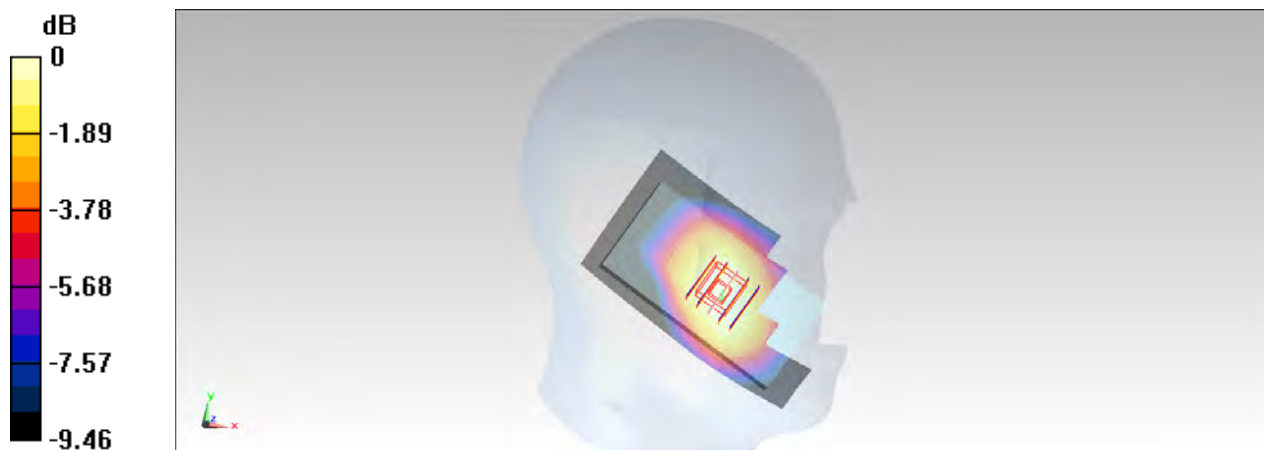
**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.724 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.372 W/kg

**SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.228 W/kg**

Maximum value of SAR (measured) = 0.344 W/kg



0 dB = 0.344 W/kg = -4.63 dBW/kg

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

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

Medium: HSL1900\_140809 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.442$  S/m;  $\epsilon_r = 39.566$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.1 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(7.76, 7.76, 7.76); Calibrated: 2013/10/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2013/10/30
- Phantom: SAM-R; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch661/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.886 W/kg

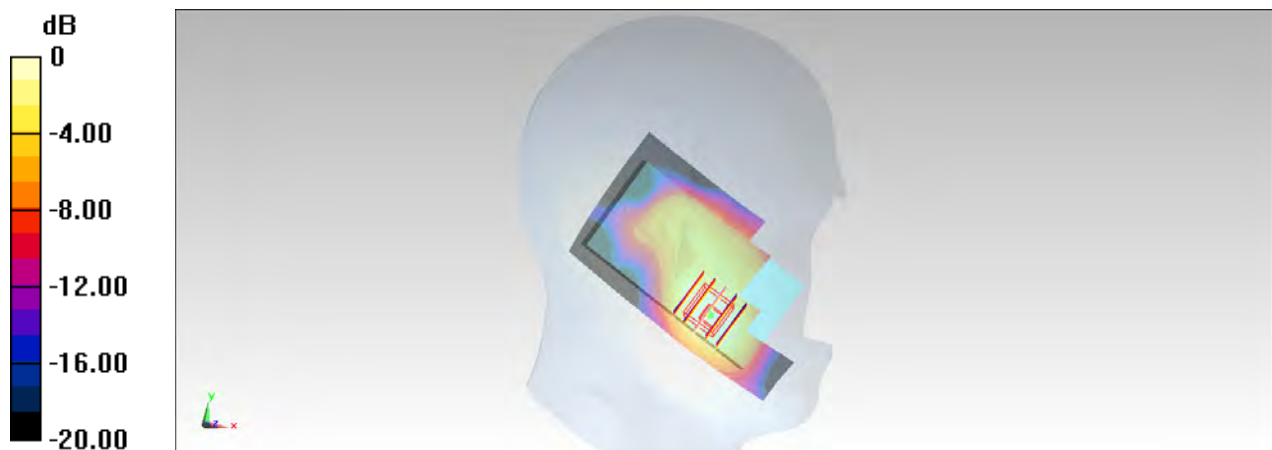
**Configuration/Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.391 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.08 W/kg

**SAR(1 g) = 0.691 W/kg; SAR(10 g) = 0.407 W/kg**

Maximum value of SAR (measured) = 0.886 W/kg



0 dB = 0.886 W/kg = -0.53 dBW/kg

**#03\_WCDMA II\_RMC 12.2Kbps\_Left Cheek\_Ch9400**

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

Medium: HSL1900\_140809 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.442$  S/m;  $\epsilon_r = 39.566$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.1 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(7.76, 7.76, 7.76); Calibrated: 2013/10/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2013/10/30
- Phantom: SAM-R; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch9400/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.880 W/kg

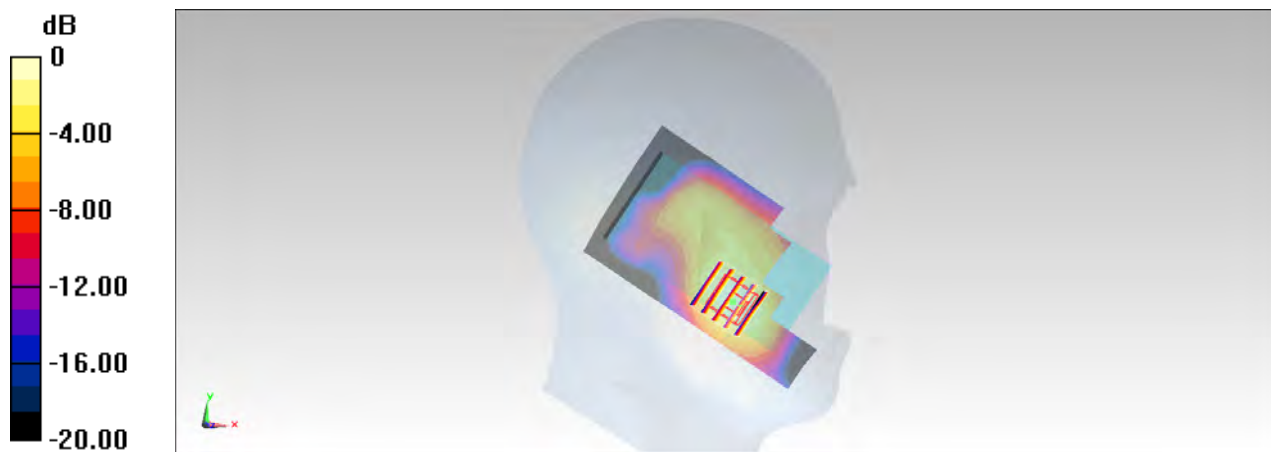
**Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.277 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.698 W/kg; SAR(10 g) = 0.404 W/kg**

Maximum value of SAR (measured) = 0.921 W/kg



0 dB = 0.921 W/kg = -0.36 dBW/kg

**#04\_WLAN2.4GHz\_802.11b 1Mbps\_Left Cheek\_Ch1**

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1.021

Medium: HSL\_2450\_140918 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.772$  S/m;  $\epsilon_r = 37.581$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3954; ConvF(7.26, 7.26, 7.26); Calibrated: 2013/11/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/5/15
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch1/Area Scan (71x121x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0892 W/kg

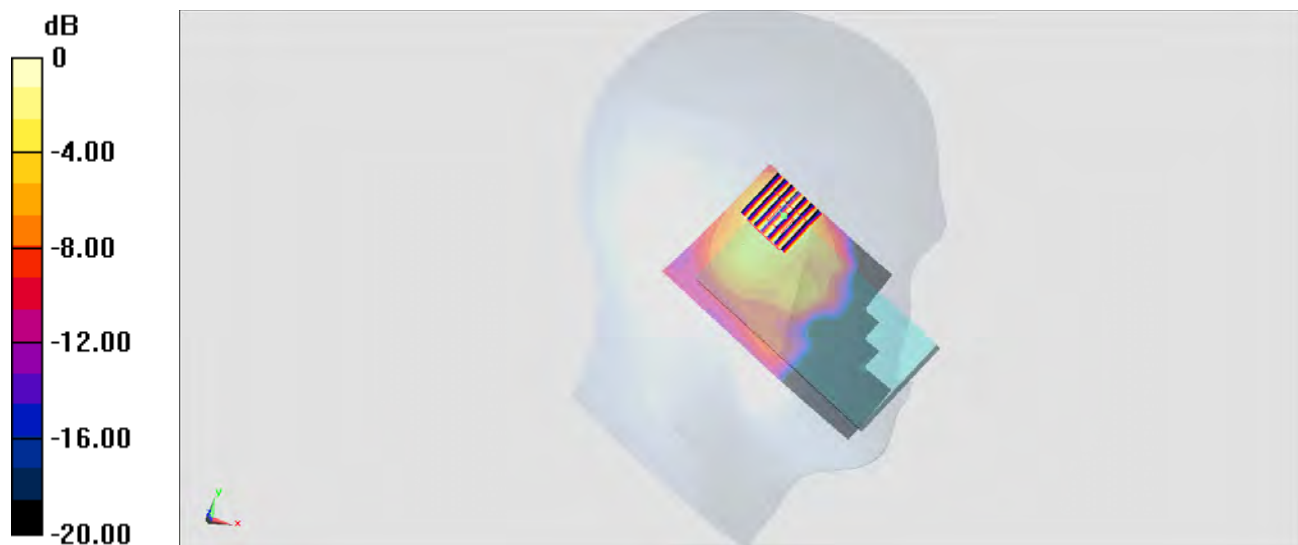
**Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.114 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.128 W/kg

**SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.029 W/kg**

Maximum value of SAR (measured) = 0.0880 W/kg



0 dB = 0.0880 W/kg = -10.56 dBW/kg

**#05\_GSM850\_GPRS (4 Tx slots)\_Back\_1cm\_Ch251**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.08

Medium: MSL850\_140809 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.999$  S/m;  $\epsilon_r = 54.212$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(8.62, 8.62, 8.62); Calibrated: 2013/10/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2013/10/30
- Phantom: SAM-R; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch251/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.00 W/kg

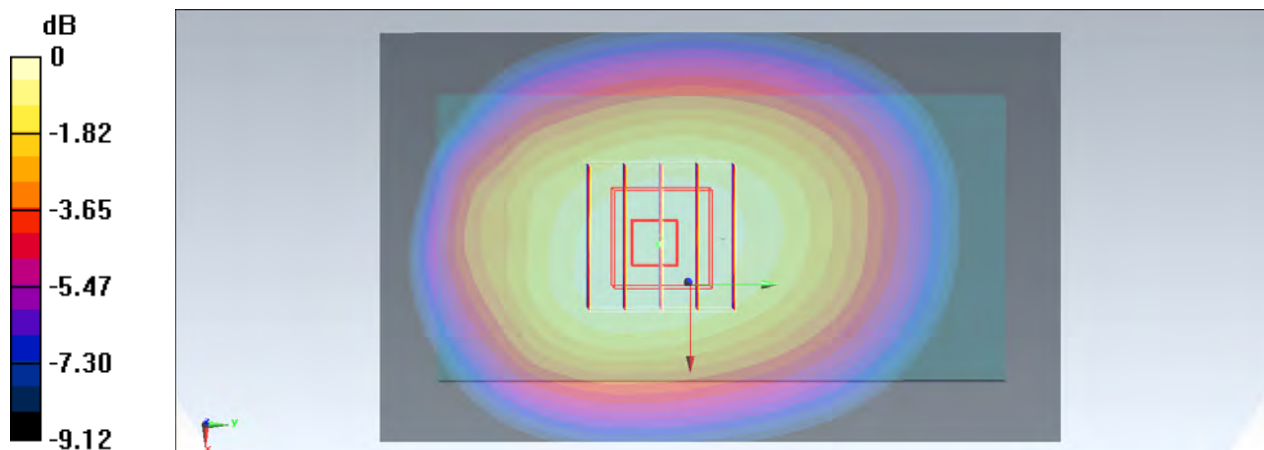
**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.368 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.09 W/kg

**SAR(1 g) = 0.855 W/kg; SAR(10 g) = 0.640 W/kg**

Maximum value of SAR (measured) = 0.982 W/kg



0 dB = 0.982 W/kg = -0.08 dBW/kg

**#06\_GSM1900\_GPRS (4 Tx slots)\_Back\_1cm\_Ch661**

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

Medium: MSL1900\_140810 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.529$  S/m;  $\epsilon_r = 52.502$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(7.19, 7.19, 7.19); Calibrated: 2013/10/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2013/10/30
- Phantom: SAM-R; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch661/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.884 W/kg

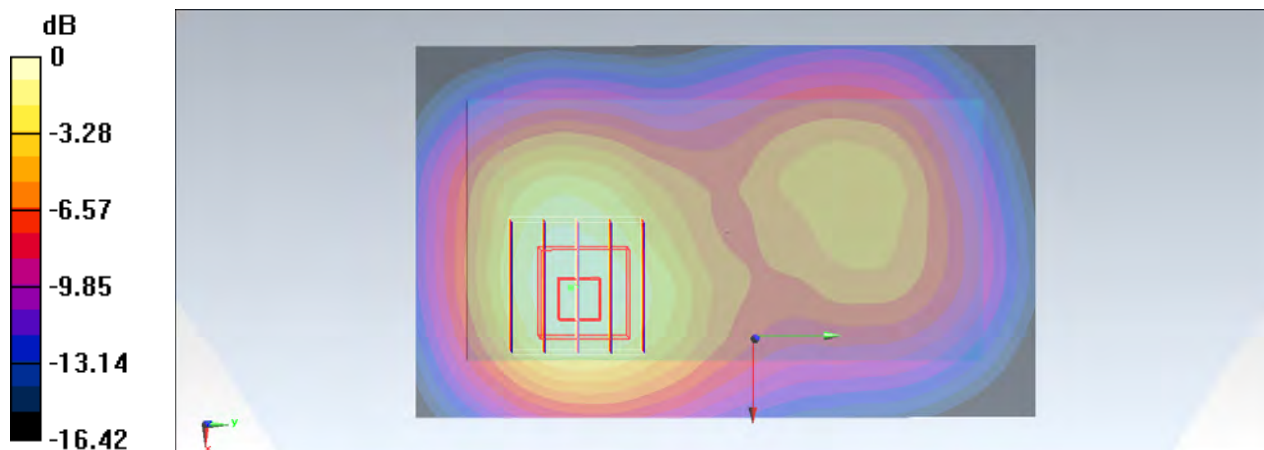
**Configuration/Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.984 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.655 W/kg; SAR(10 g) = 0.394 W/kg**

Maximum value of SAR (measured) = 0.839 W/kg



**#07\_WCDMA II\_RMC 12.2Kbps\_Back\_1cm\_Ch9400**

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

Medium: MSL1900\_140810 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.529$  S/m;  $\epsilon_r = 52.502$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(7.19, 7.19, 7.19); Calibrated: 2013/10/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2013/10/30
- Phantom: SAM-R; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch9400/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.834 W/kg

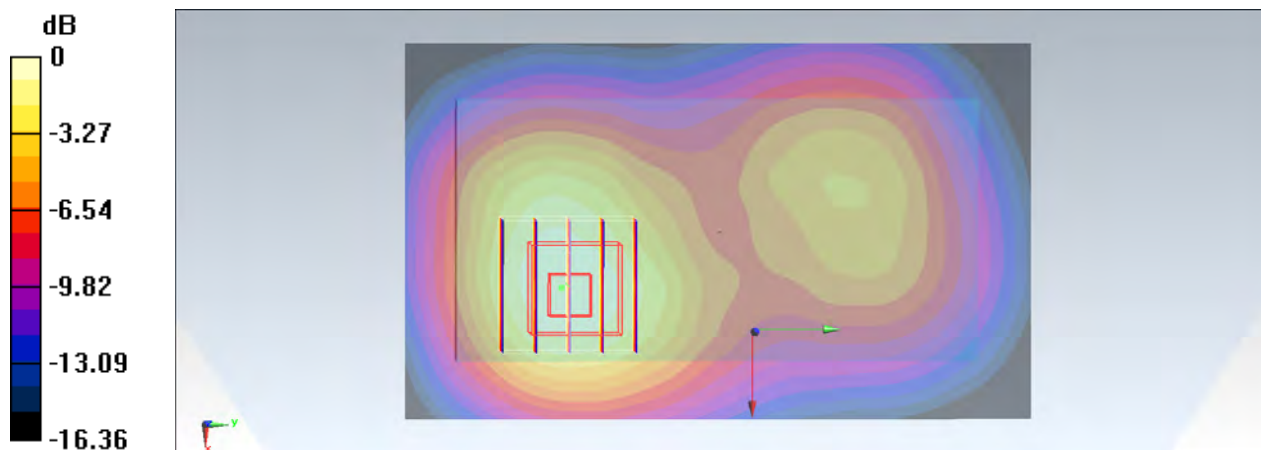
**Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.313 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.987 W/kg

**SAR(1 g) = 0.619 W/kg; SAR(10 g) = 0.372 W/kg**

Maximum value of SAR (measured) = 0.800 W/kg





**#08\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_1cm\_Ch1**

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1.021

Medium: MSL\_2450\_140918 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.881$  S/m;  $\epsilon_r = 53.369$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3954; ConvF(7.34, 7.34, 7.34); Calibrated: 2013/11/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/5/15
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch1/Area Scan (71x121x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0804 W/kg

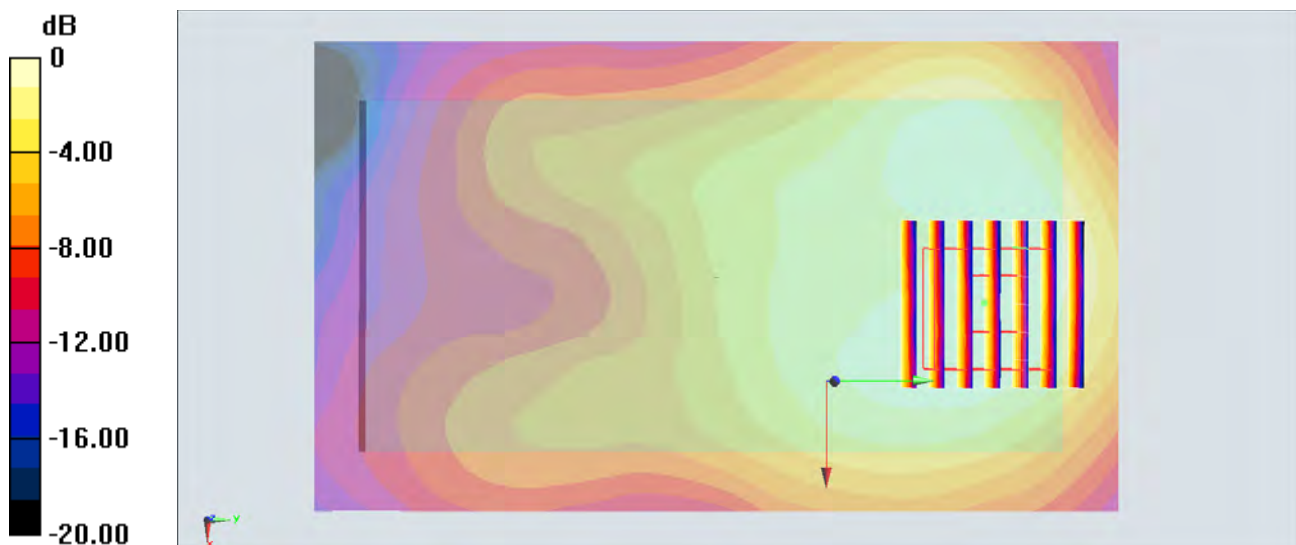
**Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.568 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.105 W/kg

**SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.035 W/kg**

Maximum value of SAR (measured) = 0.0808 W/kg



0 dB = 0.0808 W/kg = -10.93 dBW/kg



**#09\_GSM850\_GPRS (4 Tx slots)\_Back\_1cm\_Ch251**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.08

Medium: MSL850\_140809 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.999$  S/m;  $\epsilon_r = 54.212$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(8.62, 8.62, 8.62); Calibrated: 2013/10/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2013/10/30
- Phantom: SAM-R; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch251/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.00 W/kg

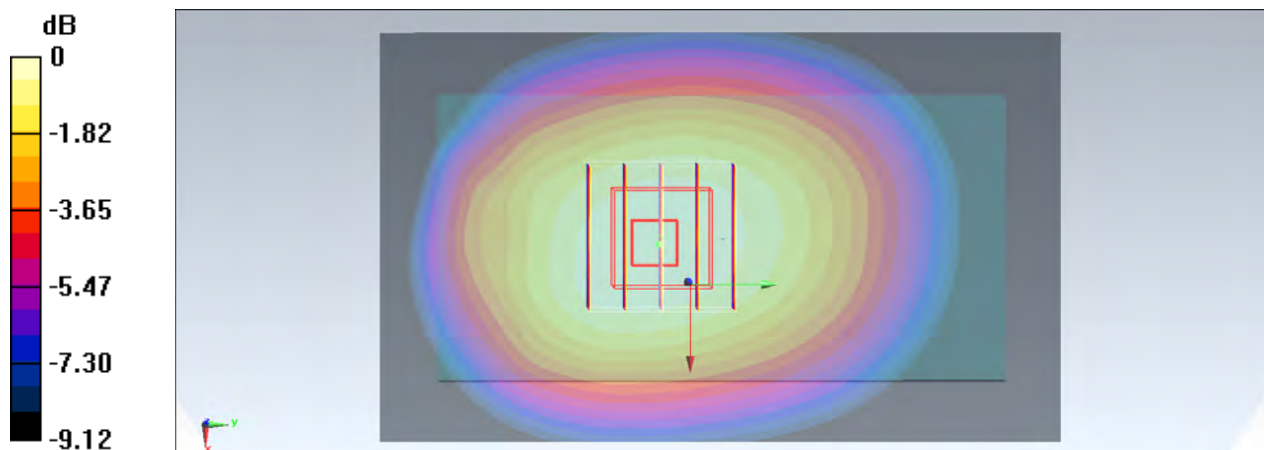
**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.368 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.09 W/kg

**SAR(1 g) = 0.855 W/kg; SAR(10 g) = 0.640 W/kg**

Maximum value of SAR (measured) = 0.982 W/kg



0 dB = 0.982 W/kg = -0.08 dBW/kg

**#10\_GSM1900\_GPRS (4 Tx slots)\_Back\_1cm\_Ch661**

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

Medium: MSL1900\_140810 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.529$  S/m;  $\epsilon_r = 52.502$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(7.19, 7.19, 7.19); Calibrated: 2013/10/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2013/10/30
- Phantom: SAM-R; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch661/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.884 W/kg

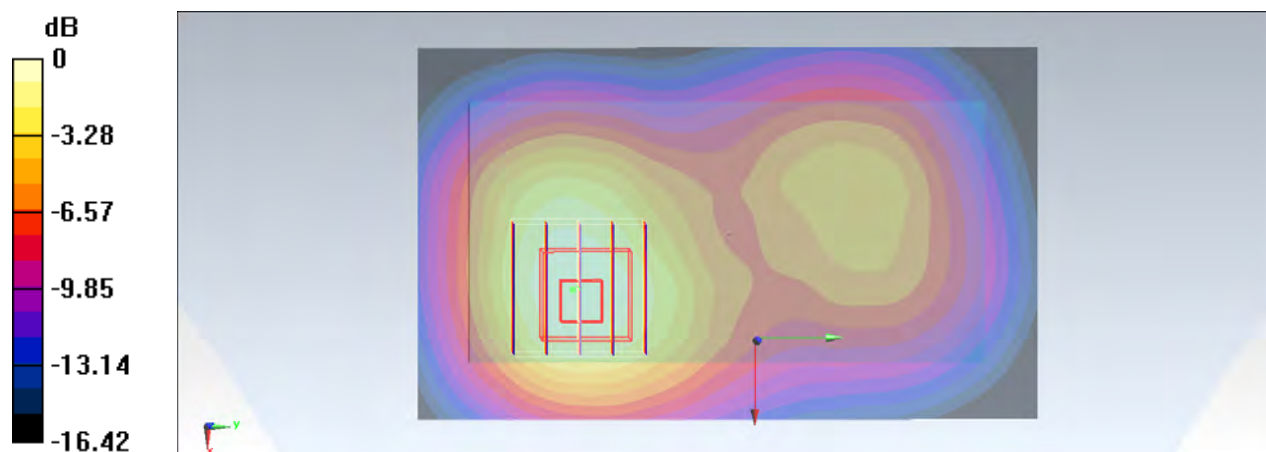
**Configuration/Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.984 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.655 W/kg; SAR(10 g) = 0.394 W/kg**

Maximum value of SAR (measured) = 0.839 W/kg



0 dB = 0.839 W/kg = -0.76 dBW/kg

**#11\_WCDMA II\_RMC 12.2Kbps\_Back\_1cm\_Ch9400**

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

Medium: MSL1900\_140810 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.529$  S/m;  $\epsilon_r = 52.502$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(7.19, 7.19, 7.19); Calibrated: 2013/10/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2013/10/30
- Phantom: SAM-R; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch9400/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.834 W/kg

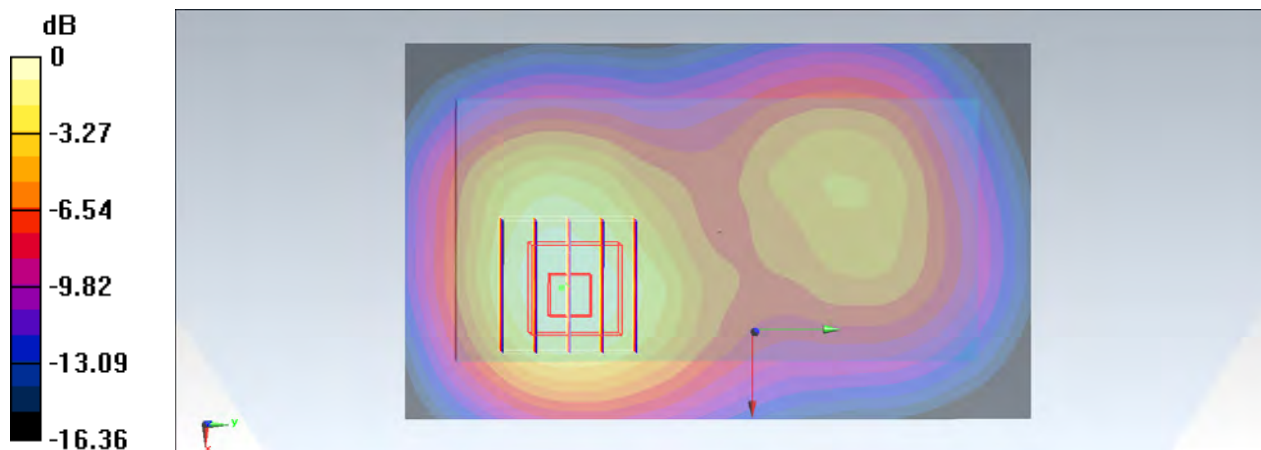
**Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.313 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.987 W/kg

**SAR(1 g) = 0.619 W/kg; SAR(10 g) = 0.372 W/kg**

Maximum value of SAR (measured) = 0.800 W/kg



**#12\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_1cm\_Ch1**

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1.021

Medium: MSL\_2450\_140918 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.881$  S/m;  $\epsilon_r = 53.369$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3954; ConvF(7.34, 7.34, 7.34); Calibrated: 2013/11/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/5/15
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch1/Area Scan (71x121x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.0804 W/kg

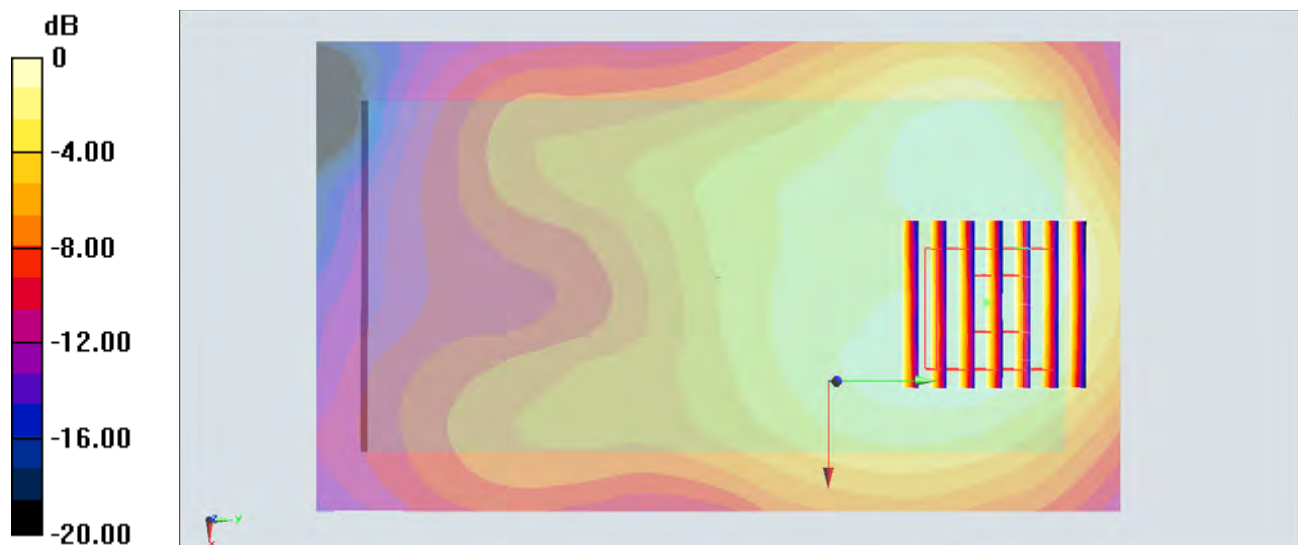
**Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 6.568 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.105 W/kg

**SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.035 W/kg**

Maximum value of SAR (measured) = 0.0808 W/kg



0 dB = 0.0808 W/kg = -10.93 dBW/kg