

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

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.07

Medium: HSL\_850\_170808 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.909$  S/m;  $\epsilon_r = 40.83$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.9 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.99, 5.99, 5.99); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.322 W/kg

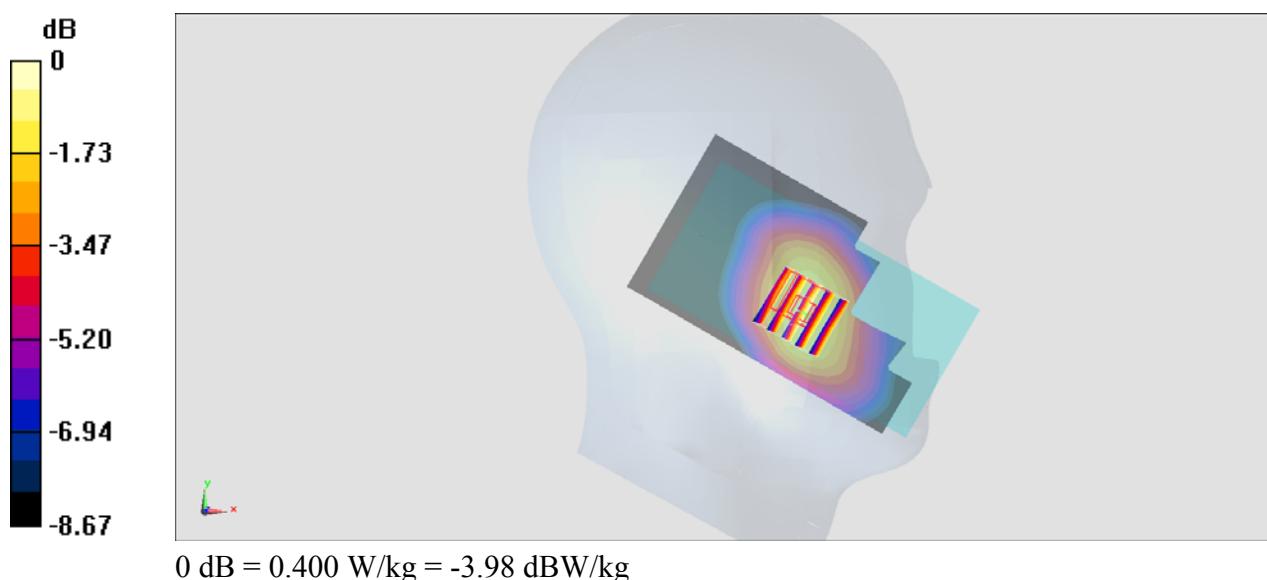
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.69 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.460 W/kg

**SAR(1 g) = 0.363 W/kg; SAR(10 g) = 0.278 W/kg**

Maximum value of SAR (measured) = 0.400 W/kg



**#02\_GSM1900\_GPRS (3 Tx slots)\_Left Cheek\_Ch810**

Communication System: PCS ; Frequency: 1909.8 MHz; Duty Cycle: 1:2.77

Medium: HSL\_1900\_170807 Medium parameters used:  $f = 1910 \text{ MHz}$ ;  $\sigma = 1.444 \text{ S/m}$ ;  $\epsilon_r = 41.173$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.03, 5.03, 5.03); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (61x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.398 W/kg

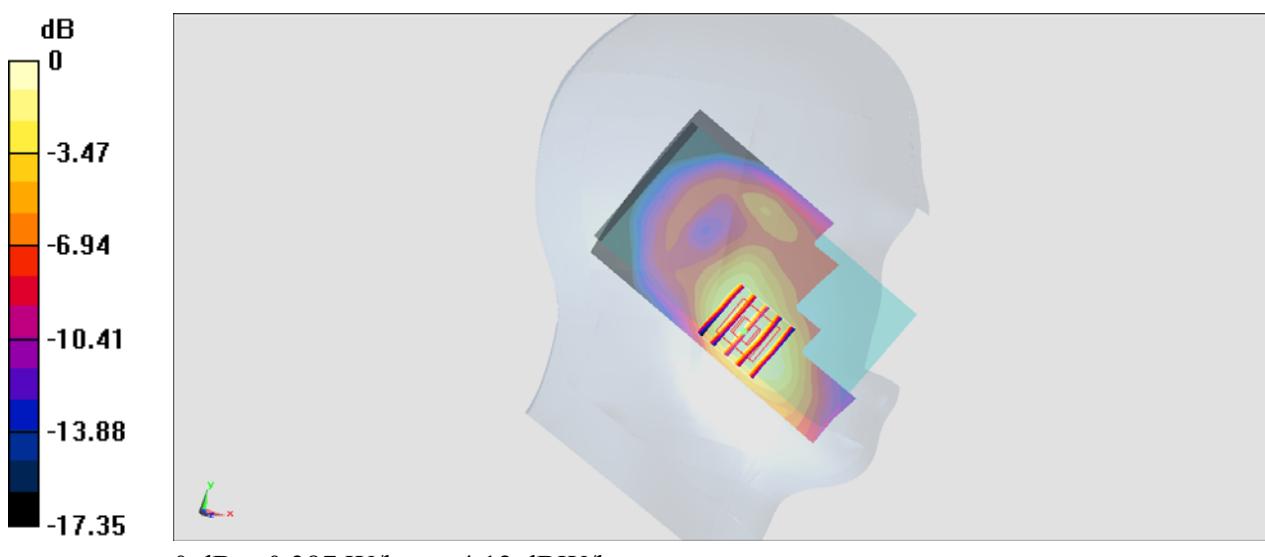
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 14.95 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.516 W/kg

**SAR(1 g) = 0.327 W/kg; SAR(10 g) = 0.199 W/kg**

Maximum value of SAR (measured) = 0.387 W/kg



## #03\_WCDMA II\_RMC 12.2Kbps\_Left Cheek\_Ch9538

Communication System: WCDMA ; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_170807 Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.442 \text{ S/m}$ ;  $\epsilon_r = 41.183$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.03, 5.03, 5.03); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (61x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.644 W/kg

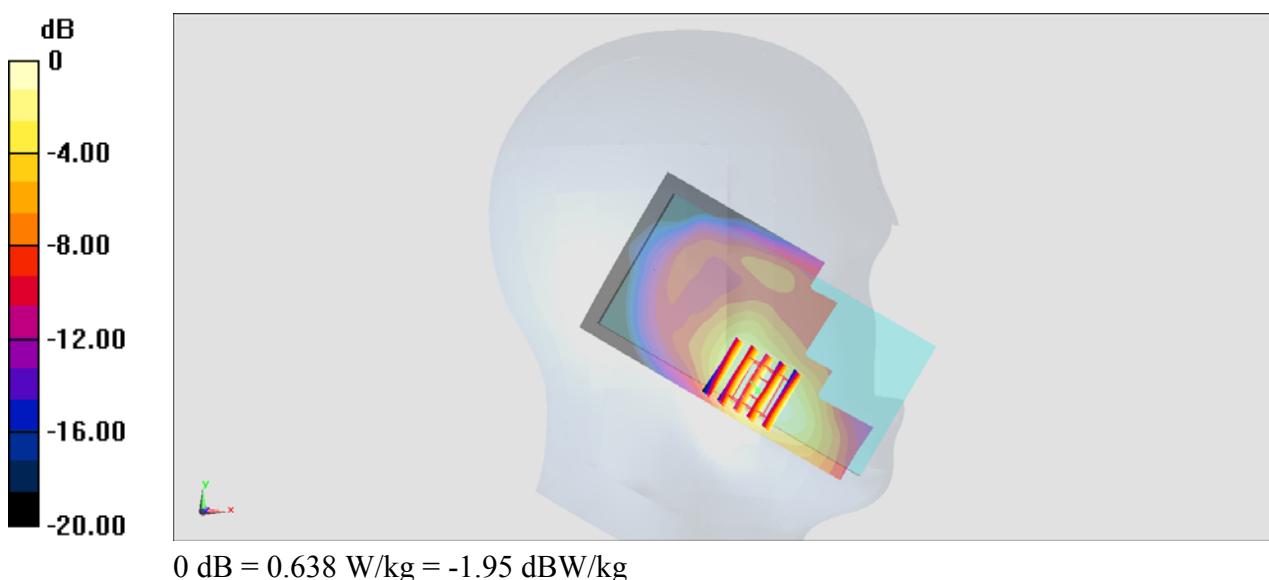
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 17.93 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.846 W/kg

**SAR(1 g) = 0.534 W/kg; SAR(10 g) = 0.324 W/kg**

Maximum value of SAR (measured) = 0.638 W/kg



**#04\_WCDMA IV\_RMC 12.2Kbps\_Left Cheek\_Ch1413**

Communication System: WCDMA ; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_170808 Medium parameters used:  $f = 1733 \text{ MHz}$ ;  $\sigma = 1.362 \text{ S/m}$ ;  $\epsilon_r = 40.507$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.33, 5.33, 5.33); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (61x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.475 W/kg

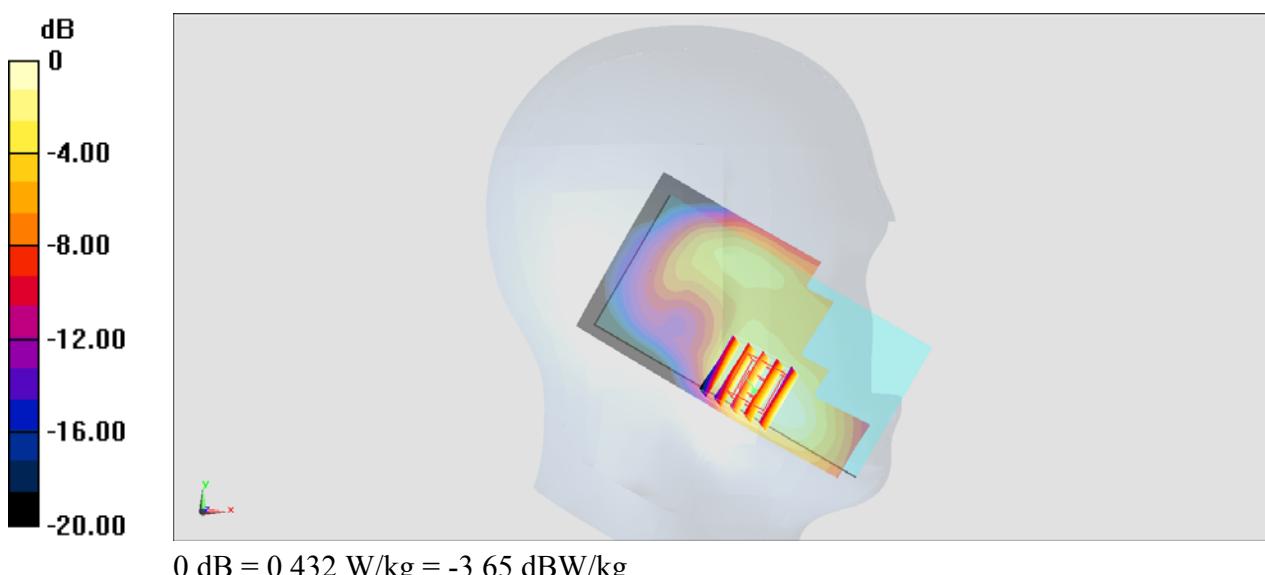
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 16.18 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.570 W/kg

**SAR(1 g) = 0.372 W/kg; SAR(10 g) = 0.241 W/kg**

Maximum value of SAR (measured) = 0.432 W/kg



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

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_850\_170808 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.897$  S/m;  $\epsilon_r = 40.977$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.9 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.99, 5.99, 5.99); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.403 W/kg

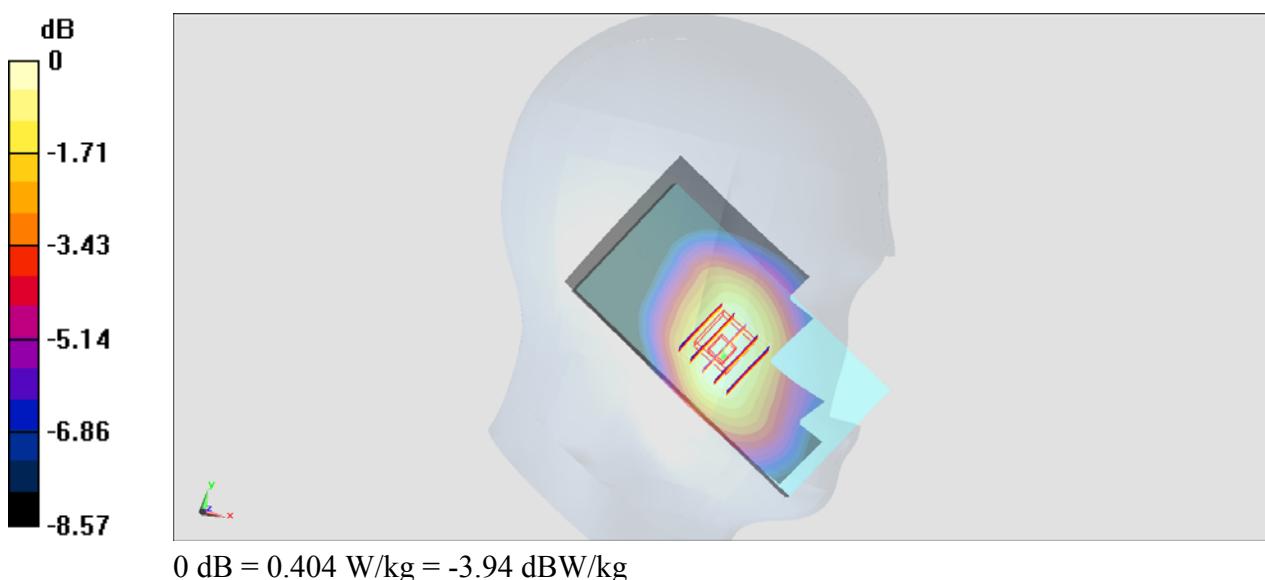
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.21 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.464 W/kg

**SAR(1 g) = 0.368 W/kg; SAR(10 g) = 0.284 W/kg**

Maximum value of SAR (measured) = 0.404 W/kg



**#06\_LTE Band 2\_20M\_QPSK\_1\_0\_Left Cheek\_Ch19100**

Communication System: LTE ; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_170807 Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.434 \text{ S/m}$ ;  $\epsilon_r = 41.221$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.03, 5.03, 5.03); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (61x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.686 W/kg

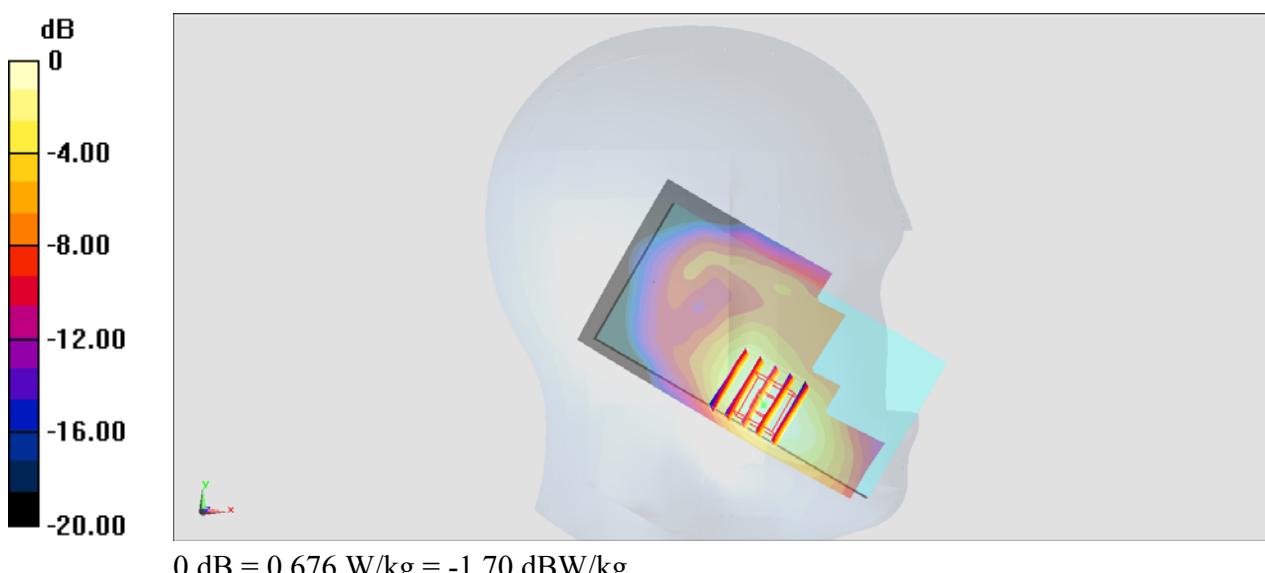
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 19.07 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.909 W/kg

**SAR(1 g) = 0.569 W/kg; SAR(10 g) = 0.343 W/kg**

Maximum value of SAR (measured) = 0.676 W/kg



**#07\_LTE Band 5\_10M\_QPSK\_1\_0\_Left Cheek\_Ch20525**

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

Medium: HSL\_850\_170808 Medium parameters used:  $f = 836.5 \text{ MHz}$ ;  $\sigma = 0.897 \text{ S/m}$ ;  $\epsilon_r = 40.976$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.9 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.99, 5.99, 5.99); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.353 W/kg

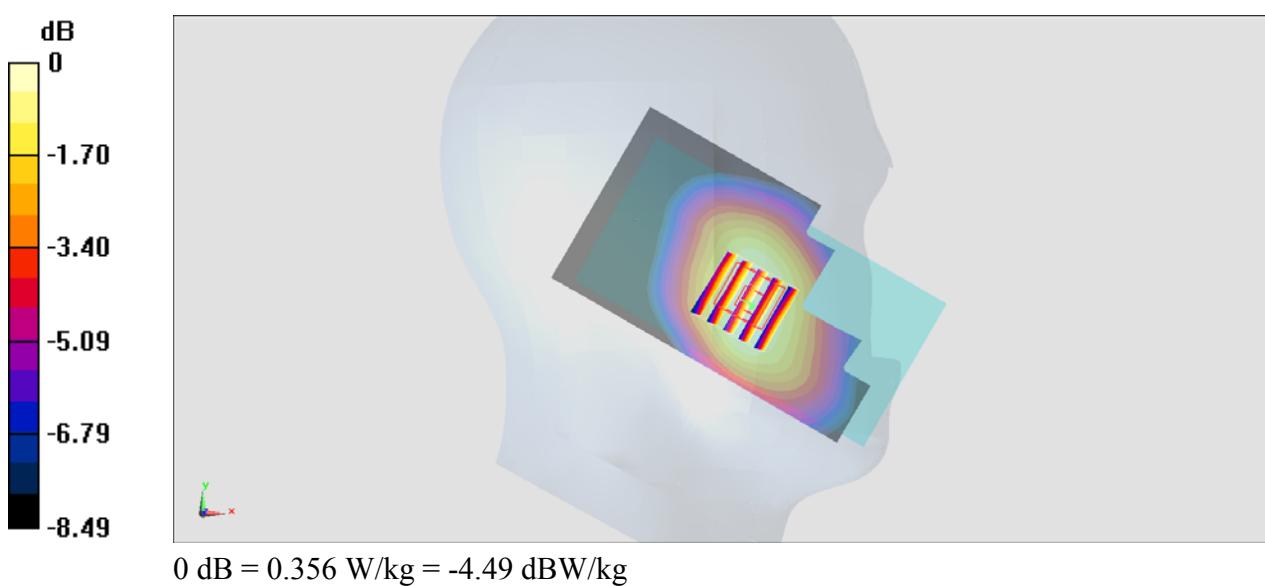
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.83 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.408 W/kg

**SAR(1 g) = 0.325 W/kg; SAR(10 g) = 0.252 W/kg**

Maximum value of SAR (measured) = 0.356 W/kg



**#08\_LTE Band 7\_20M\_QPSK\_1\_0\_Right Cheek\_Ch21350**

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

Medium: HSL\_2600\_170808 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.896$  S/m;  $\epsilon_r = 38.584$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.47, 4.47, 4.47); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 1.12 W/kg

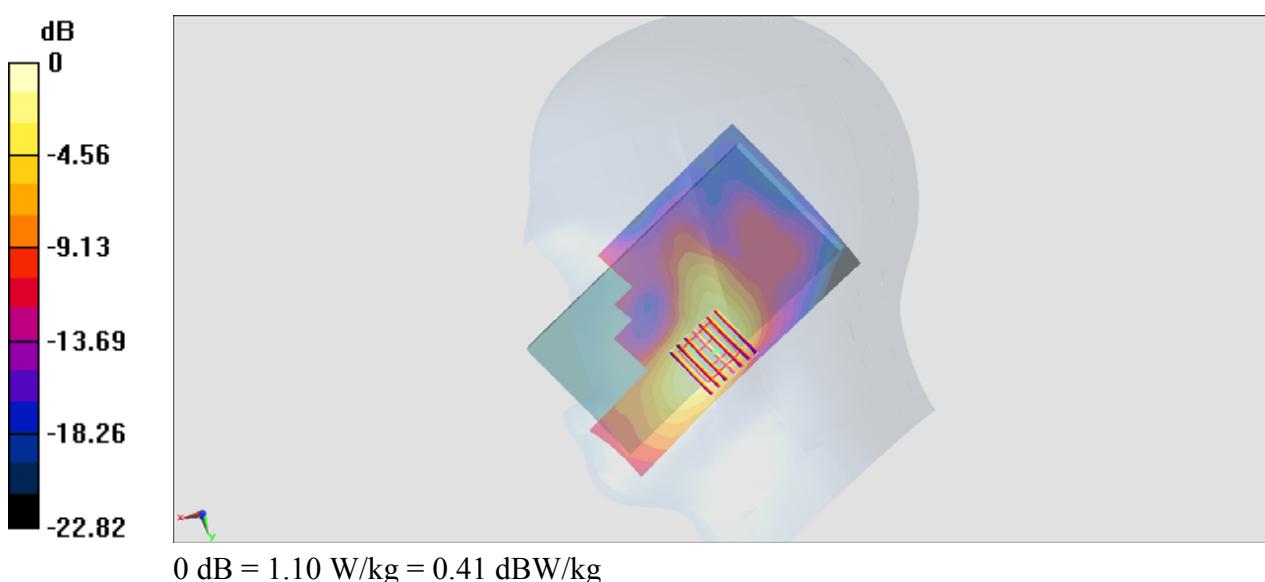
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.55 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.69 W/kg

**SAR(1 g) = 0.861 W/kg; SAR(10 g) = 0.444 W/kg**

Maximum value of SAR (measured) = 1.10 W/kg



**#09\_LTE Band 12\_10M\_QPSK\_1\_0\_Right Cheek\_Ch23095**

Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_170809 Medium parameters used:  $f = 707.5 \text{ MHz}$ ;  $\sigma = 0.854 \text{ S/m}$ ;  $\epsilon_r = 44.006$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.07, 6.07, 6.07); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (71x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.244 W/kg

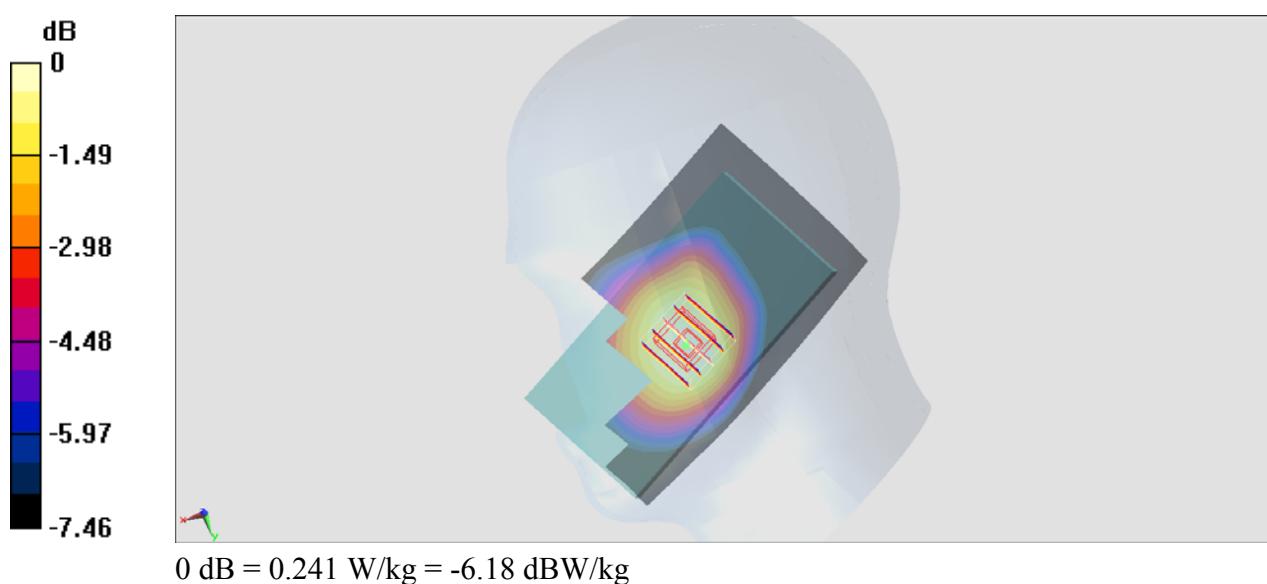
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 16.85 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.268 W/kg

**SAR(1 g) = 0.224 W/kg; SAR(10 g) = 0.179 W/kg**

Maximum value of SAR (measured) = 0.241 W/kg



**#10\_LTE Band 13\_10M\_QPSK\_1\_0\_Right Cheek\_Ch23230**

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

Medium: HSL\_750\_170809 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.925 \text{ S/m}$ ;  $\epsilon_r = 43.031$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.07, 6.07, 6.07); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (71x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.208 W/kg

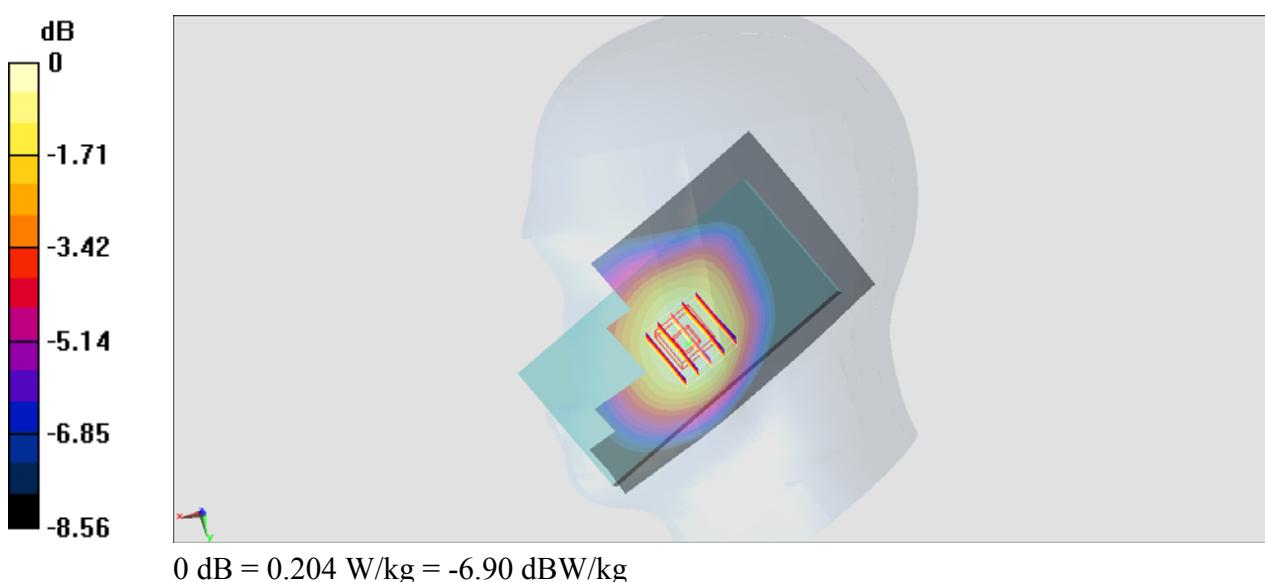
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 15.16 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.231 W/kg

**SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.147 W/kg**

Maximum value of SAR (measured) = 0.204 W/kg



**#11\_LTE Band 66\_20M\_QPSK\_1\_0\_Left Cheek\_Ch132572**

Communication System: LTE ; Frequency: 1770 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_170808 Medium parameters used:  $f = 1770 \text{ MHz}$ ;  $\sigma = 1.397 \text{ S/m}$ ;  $\epsilon_r = 40.365$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.33, 5.33, 5.33); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.419 W/kg

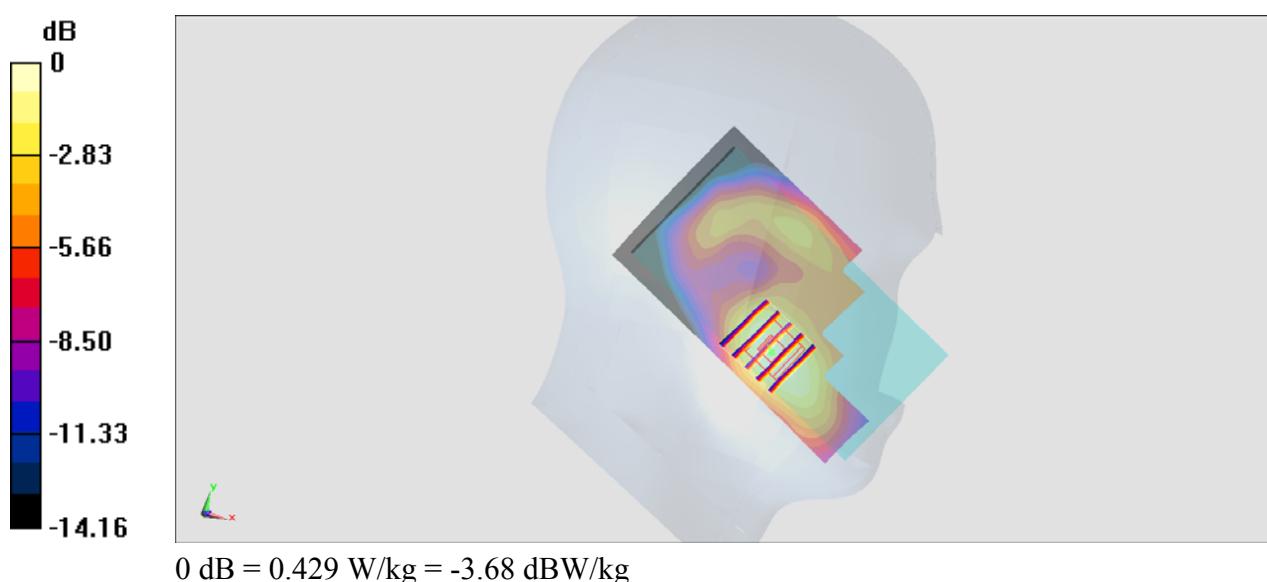
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.08 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.553 W/kg

**SAR(1 g) = 0.362 W/kg; SAR(10 g) = 0.226 W/kg**

Maximum value of SAR (measured) = 0.429 W/kg



**#12\_WLAN2.4GHz\_802.11b 1Mbps\_Left Tilted\_Ch11**

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium: HSL\_2450\_170809 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.816 \text{ S/m}$ ;  $\epsilon_r = 39.567$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

## DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.83, 7.83, 7.83); Calibrated: 2017/2/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (81x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.62 W/kg

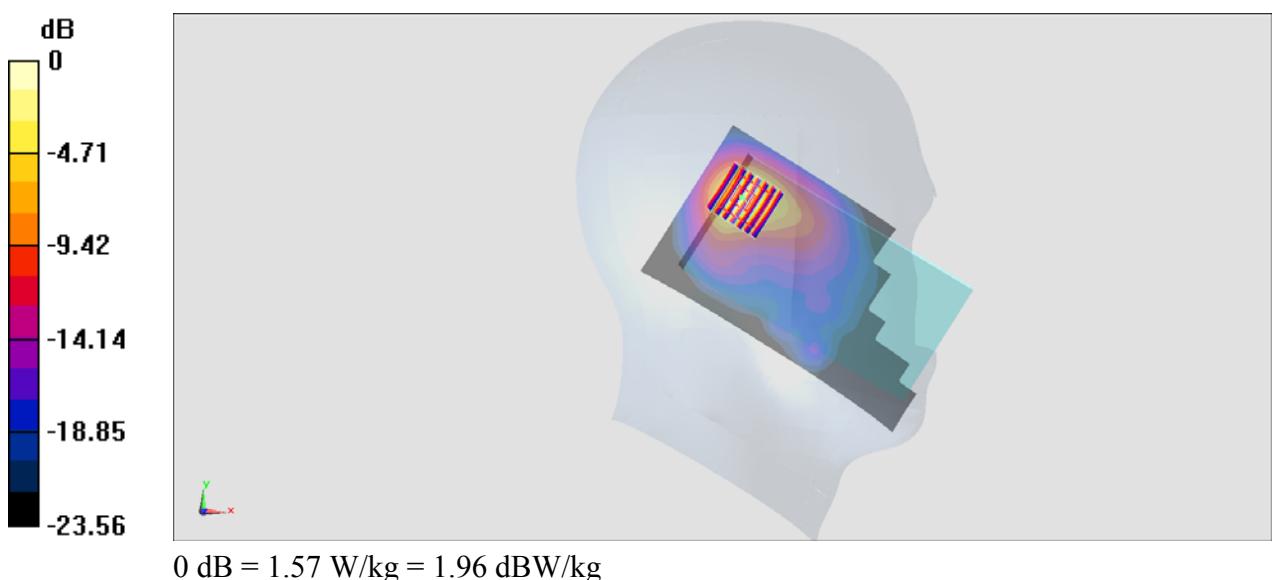
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.09 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.93 W/kg

**SAR(1 g) = 0.929 W/kg; SAR(10 g) = 0.406 W/kg**

Maximum value of SAR (measured) = 1.57 W/kg



**#13\_WLAN5GHz\_802.11a 6Mbps\_Left Tilted\_Ch60**

Communication System: 802.11a ; Frequency: 5300 MHz; Duty Cycle: 1:1.029

Medium: HSL\_5G\_170810 Medium parameters used:  $f = 5300 \text{ MHz}$ ;  $\sigma = 4.691 \text{ S/m}$ ;  $\epsilon_r = 36.586$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(5.56, 5.56, 5.56); Calibrated: 2017/2/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 1.59 W/kg

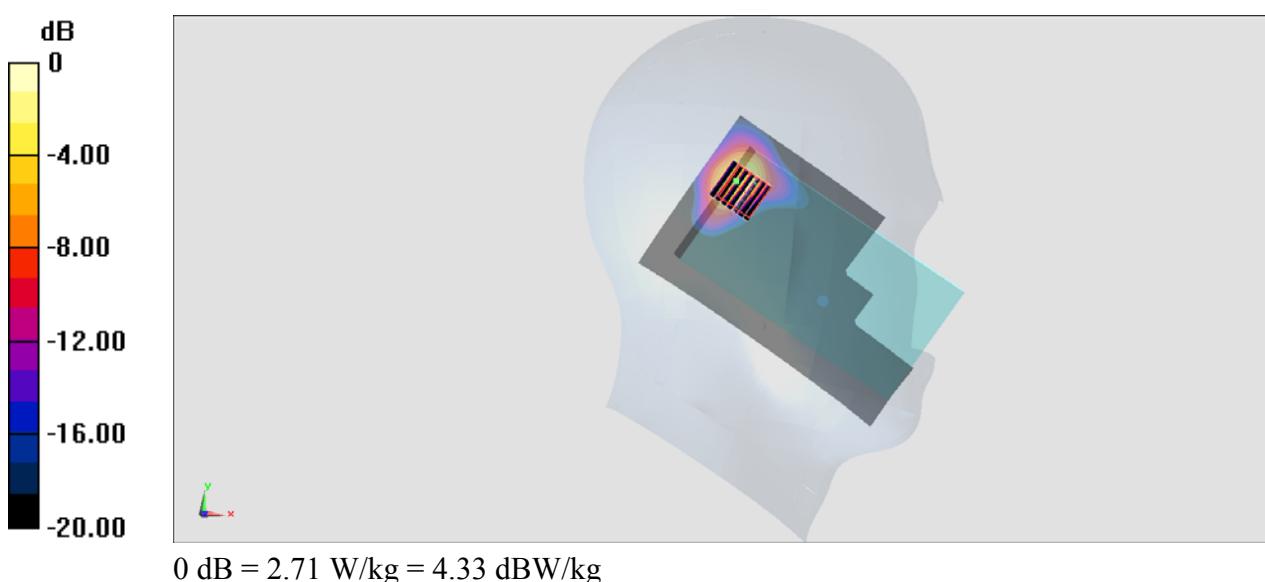
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value = 11.26 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 4.46 W/kg

**SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.328 W/kg**

Maximum value of SAR (measured) = 2.71 W/kg



**#14\_WLAN5GHz\_802.11a 6Mbps\_Right Tilted\_Ch100**

Communication System: 802.11a ; Frequency: 5500 MHz; Duty Cycle: 1:1.029

Medium: HSL\_5G\_170810 Medium parameters used:  $f = 5500 \text{ MHz}$ ;  $\sigma = 4.899 \text{ S/m}$ ;  $\epsilon_r = 36.317$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.98, 4.98, 4.98); Calibrated: 2017/2/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 2.26 W/kg

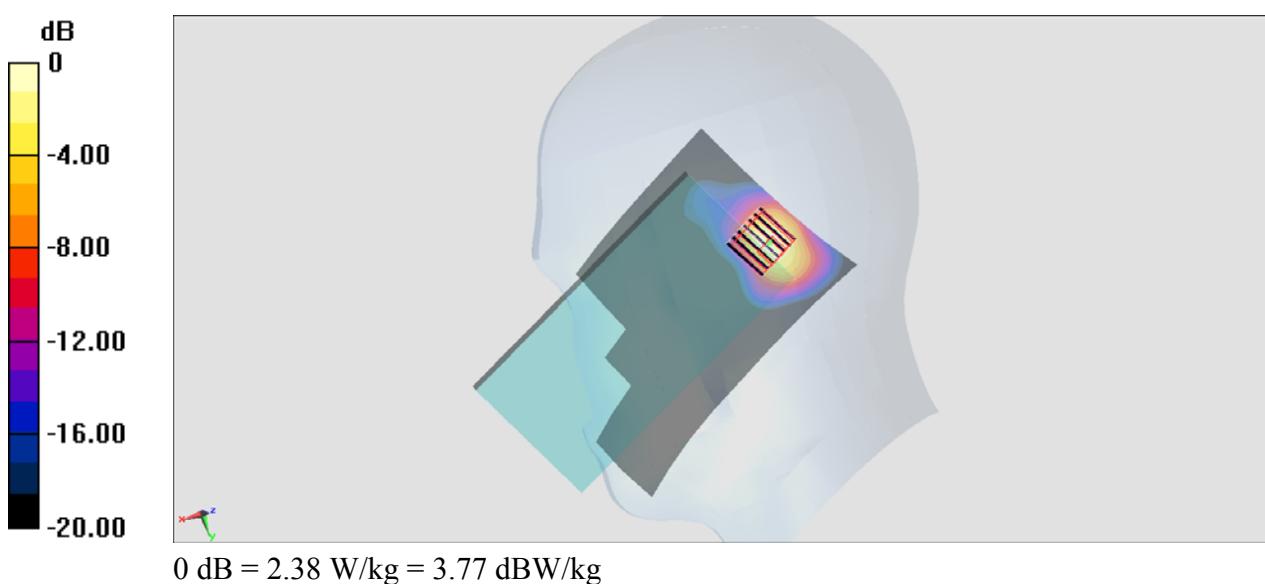
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value = 15.26 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 3.62 W/kg

**SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.354 W/kg**

Maximum value of SAR (measured) = 2.38 W/kg



**#15\_WLAN5GHz\_802.11a 6Mbps\_Right Tilted\_Ch149**

Communication System: 802.11a ; Frequency: 5745 MHz; Duty Cycle: 1:1.029

Medium: HSL\_5G\_170810 Medium parameters used:  $f = 5745 \text{ MHz}$ ;  $\sigma = 5.141 \text{ S/m}$ ;  $\epsilon_r = 35.941$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(5.16, 5.16, 5.16); Calibrated: 2017/2/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 2.13 W/kg

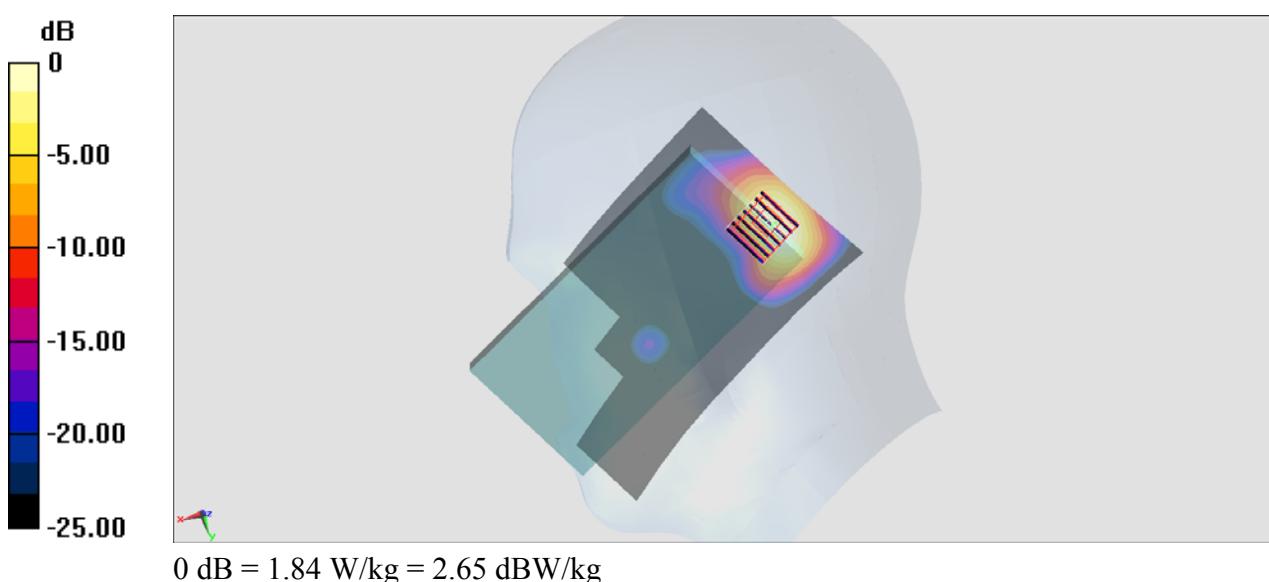
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value = 12.36 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 6.39 W/kg

**SAR(1 g) = 0.827 W/kg; SAR(10 g) = 0.303 W/kg**

Maximum value of SAR (measured) = 1.84 W/kg



## #16\_Bluetooth\_1Mbps\_Left Tilted\_Ch78

Communication System: Bluetooth ; Frequency: 2480 MHz; Duty Cycle: 1:1.31

Medium: HSL\_2450\_170811 Medium parameters used:  $f = 2480 \text{ MHz}$ ;  $\sigma = 1.835 \text{ S/m}$ ;  $\epsilon_r = 39.444$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.83, 7.83, 7.83); Calibrated: 2017/2/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (81x151x1):** Interpolated grid:  $dx=1.200 \text{ mm}$ ,  $dy=1.200 \text{ mm}$

Maximum value of SAR (interpolated) = 0.164 W/kg

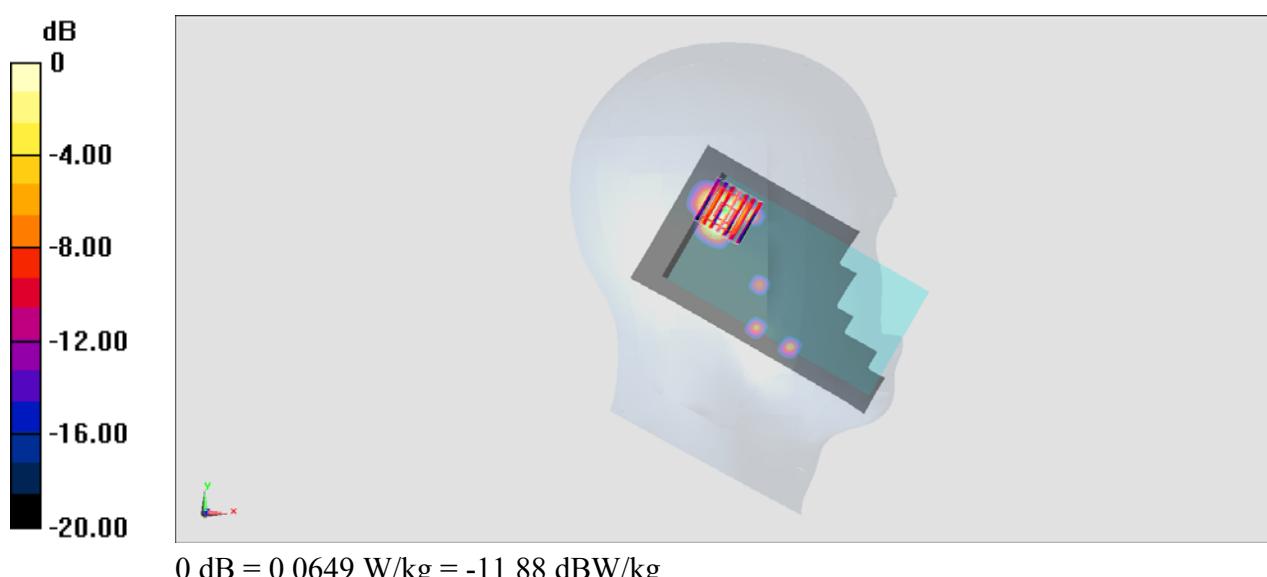
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 5.024 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.129 W/kg

**SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.017 W/kg**

Maximum value of SAR (measured) = 0.0649 W/kg



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

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

Medium: MSL\_850\_170804 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.96$  S/m;  $\epsilon_r = 55.486$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

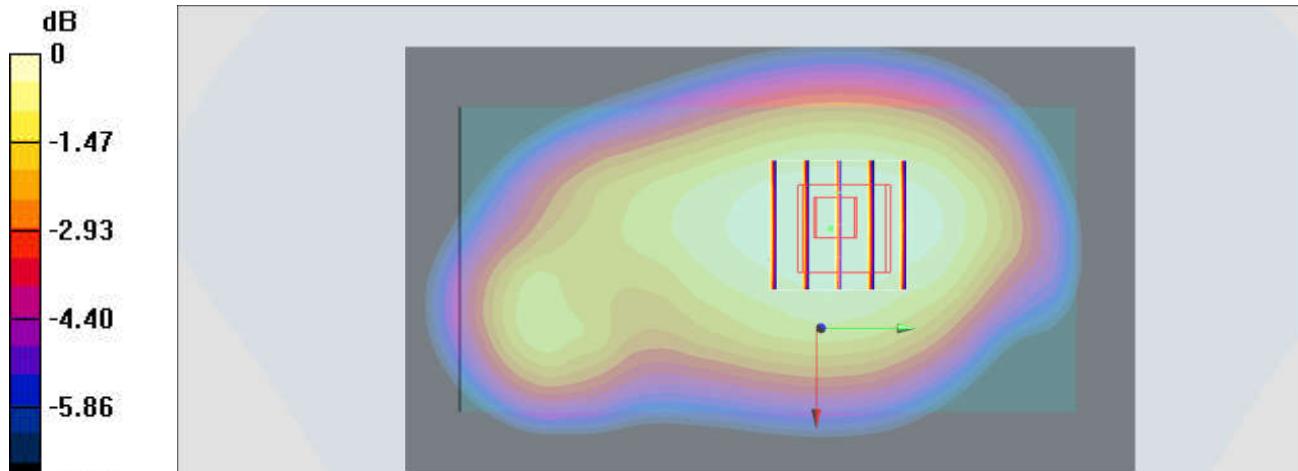
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.64 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.390 W/kg

**SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.248 W/kg**

Maximum value of SAR (measured) = 0.342 W/kg



## #18\_GSM1900\_GPRS (3 Tx slots)\_Back\_10mm\_Ch810

Communication System: PCS ; Frequency: 1909.8 MHz; Duty Cycle: 1:2.77

Medium: MSL\_1900\_170802 Medium parameters used:  $f = 1910 \text{ MHz}$ ;  $\sigma = 1.535 \text{ S/m}$ ;  $\epsilon_r = 54.052$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (71x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.543 W/kg

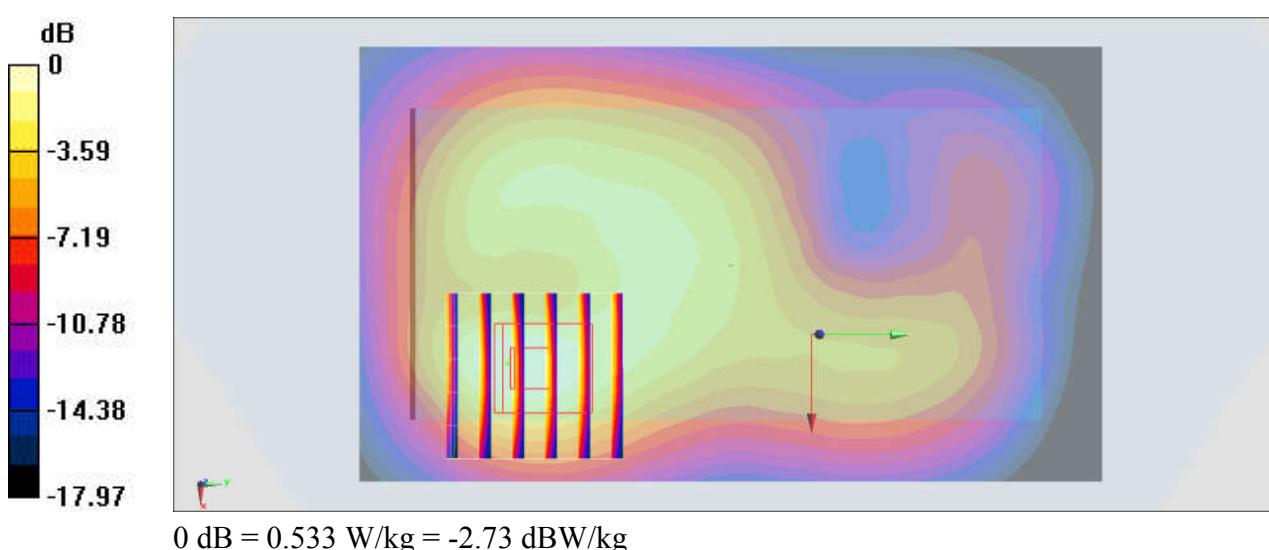
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 15.74 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.754 W/kg

**SAR(1 g) = 0.444 W/kg; SAR(10 g) = 0.250 W/kg**

Maximum value of SAR (measured) = 0.533 W/kg



## #19\_WCDMA II\_RMC 12.2Kbps\_Back\_10mm\_Ch9538

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1900\_170802 Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.565 \text{ S/m}$ ;  $\epsilon_r = 55.511$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.14, 8.14, 8.14); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (71x61x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.06 W/kg

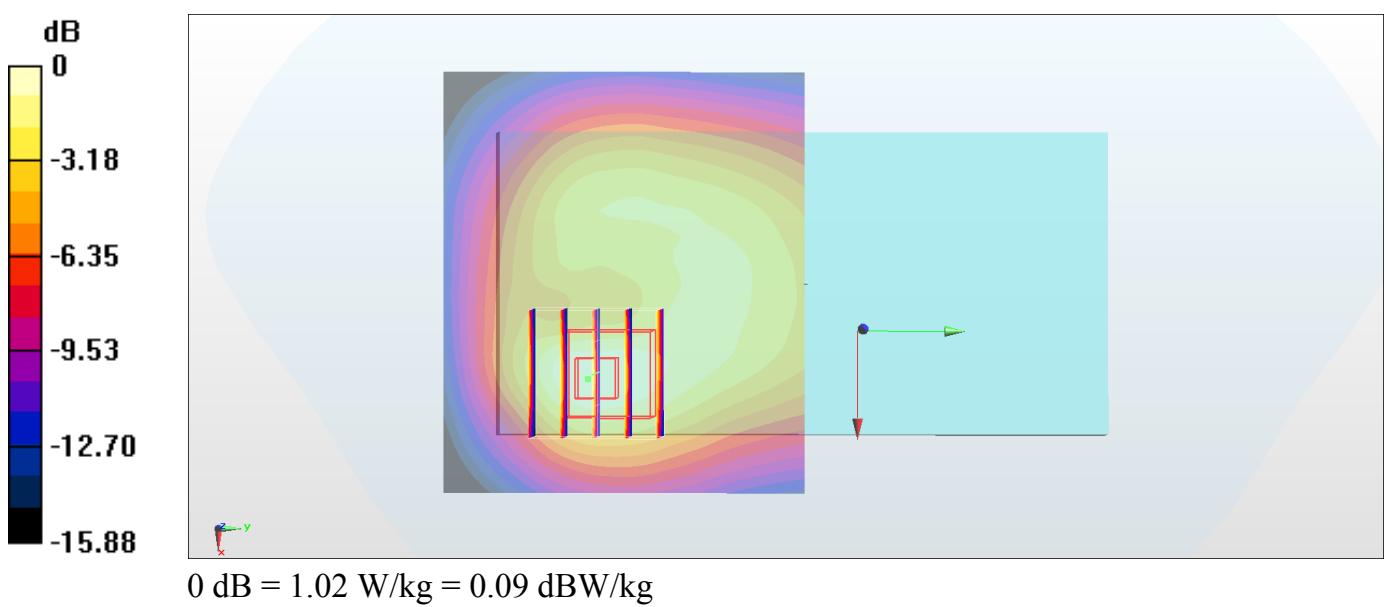
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 22.39 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.19 W/kg

**SAR(1 g) = 0.697 W/kg; SAR(10 g) = 0.404 W/kg**

Maximum value of SAR (measured) = 1.02 W/kg



**#20\_WCDMA IV\_RMC 12.2Kbps\_Back\_10mm\_Ch1513**

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1  
Medium: MSL\_1750\_170802 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.453$  S/m;  $\epsilon_r = 55.233$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

## DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.95, 4.95, 4.95); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.782 W/kg

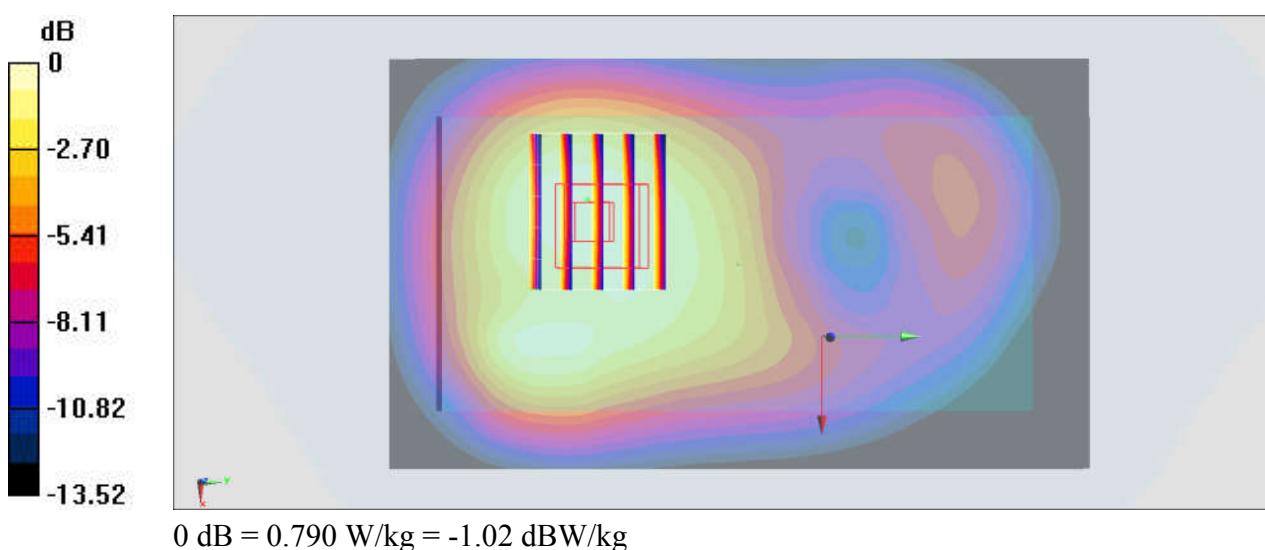
**Zoom Scan (6x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.76 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.995 W/kg

**SAR(1 g) = 0.684 W/kg; SAR(10 g) = 0.457 W/kg**

Maximum value of SAR (measured) = 0.790 W/kg



**#21\_WCDMA V\_RMC 12.2Kbps\_Back\_10mm\_Ch4132**

Communication System: WCDMA ; Frequency: 826.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_850\_170804 Medium parameters used:  $f = 826.4 \text{ MHz}$ ;  $\sigma = 0.951 \text{ S/m}$ ;  $\epsilon_r = 55.585$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.412 W/kg

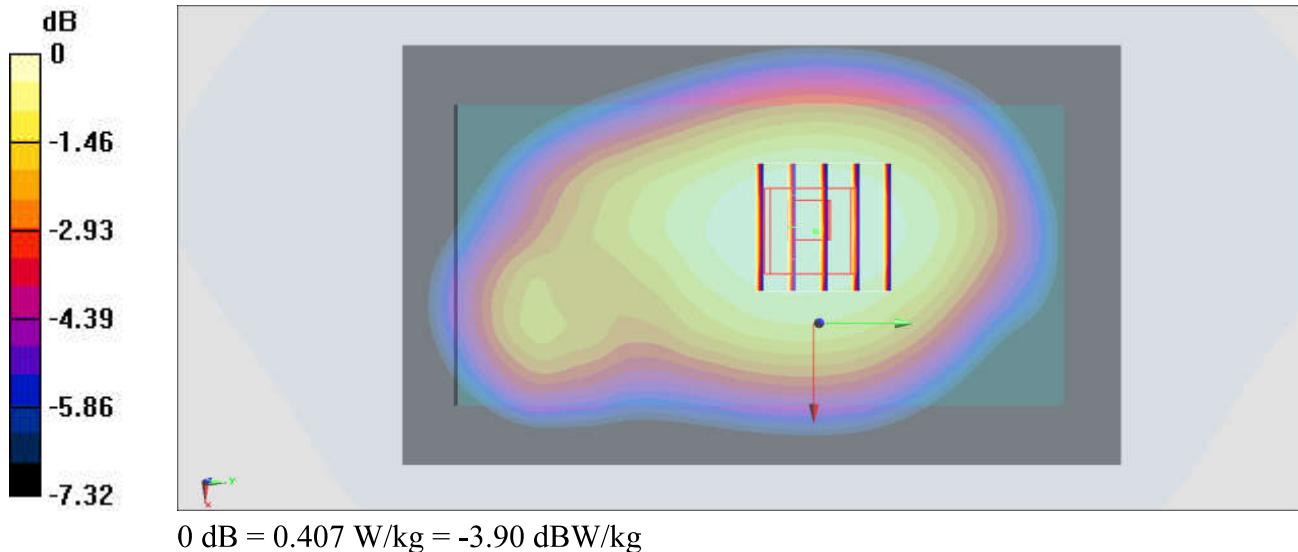
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.25 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.459 W/kg

**SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.295 W/kg**

Maximum value of SAR (measured) = 0.407 W/kg



**#22\_LTE Band 2\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch19100**

Communication System: LTE ; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_170802 Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.524 \text{ S/m}$ ;  $\epsilon_r = 54.088$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (71x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.774 W/kg

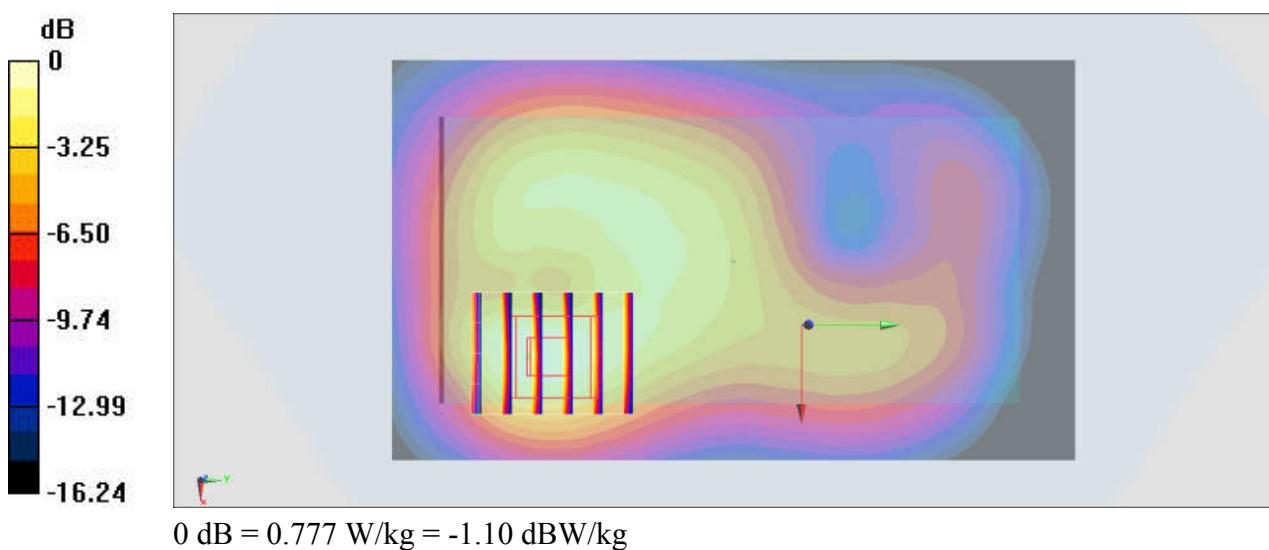
**Zoom Scan (5x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 19.02 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.08 W/kg

**SAR(1 g) = 0.642 W/kg; SAR(10 g) = 0.364 W/kg**

Maximum value of SAR (measured) = 0.777 W/kg



## #23\_LTE Band 5\_10M\_QPSK\_1\_0\_Back\_10mm\_Ch20525

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

Medium: MSL\_850\_170804 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.96$  S/m;  $\epsilon_r = 55.485$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.394 W/kg

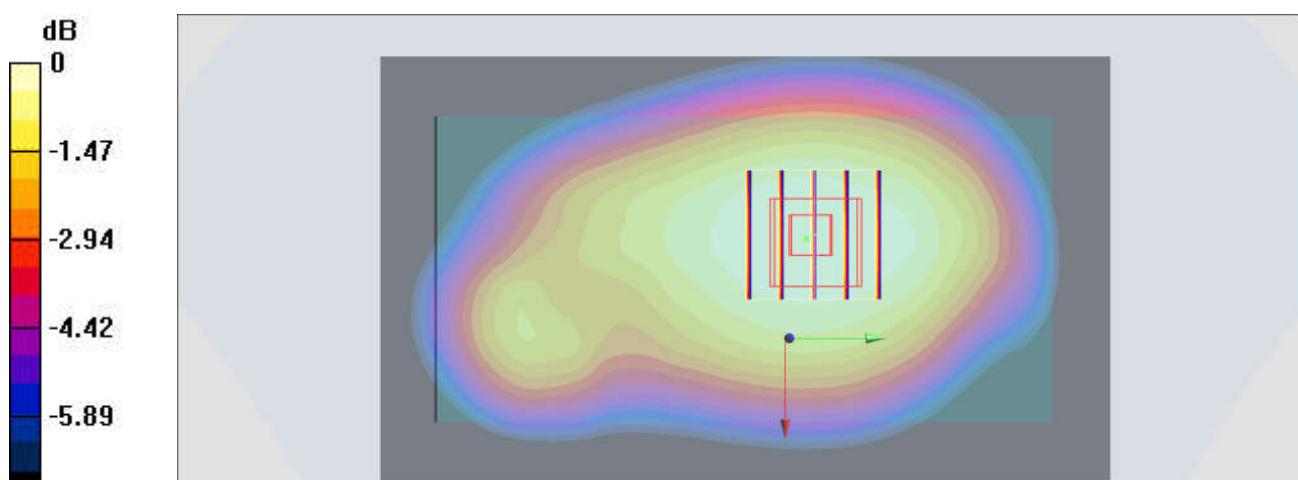
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.99 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.439 W/kg

**SAR(1 g) = 0.363 W/kg; SAR(10 g) = 0.284 W/kg**

Maximum value of SAR (measured) = 0.394 W/kg



**#24\_LTE Band 7\_20M\_QPSK\_1\_0\_Front\_10mm\_Ch21100**

Communication System: LTE ; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_170803 Medium parameters used :  $f = 2535$  MHz;  $\sigma = 2.07$  S/m;  $\epsilon_r = 53.181$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.17, 4.17, 4.17); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.968 W/kg

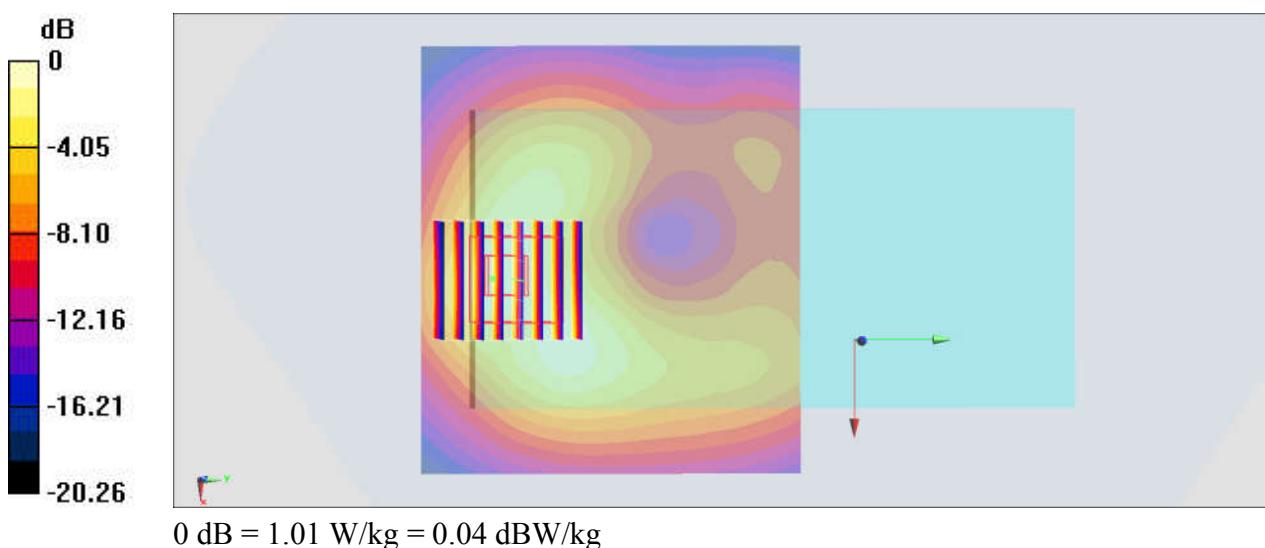
**Zoom Scan (7x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.35 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.57 W/kg

**SAR(1 g) = 0.805 W/kg; SAR(10 g) = 0.420 W/kg**

Maximum value of SAR (measured) = 1.01 W/kg



## #25\_LTE Band 12\_10M\_QPSK\_1\_0\_Back\_10mm\_Ch23095

Communication System: LTE ; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_170805 Medium parameters used :  $f = 707.5$  MHz;  $\sigma = 0.932$  S/m;  $\epsilon_r = 54.955$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

## DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.31, 6.31, 6.31); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.285 W/kg

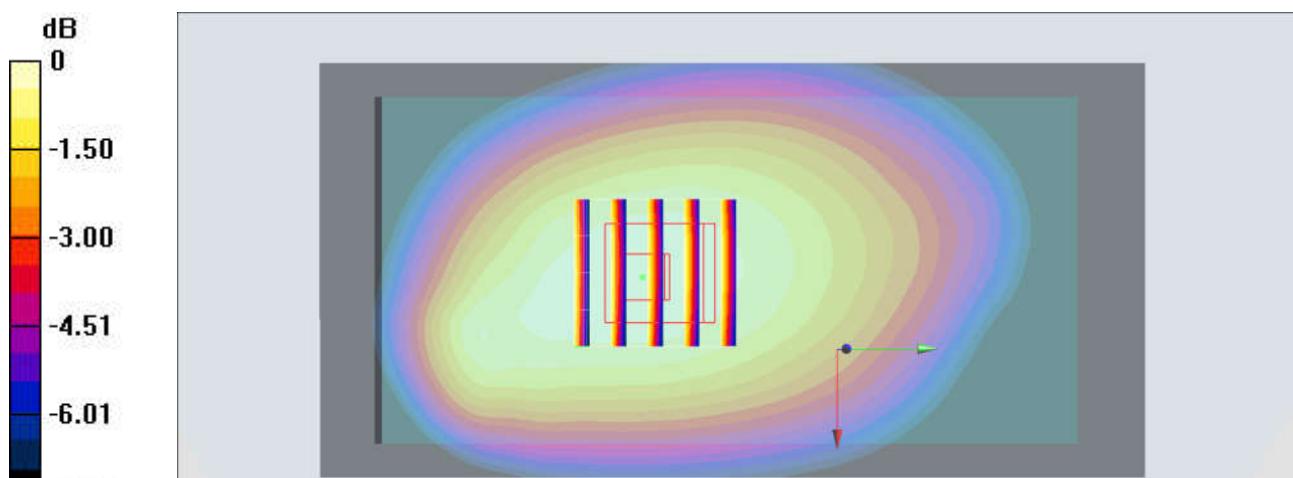
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.19 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.333 W/kg

**SAR(1 g) = 0.264 W/kg; SAR(10 g) = 0.206 W/kg**

Maximum value of SAR (measured) = 0.288 W/kg



## #26\_LTE Band 13\_10M\_QPSK\_1\_0\_Back\_10mm\_Ch23230

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

Medium: MSL\_750\_170805 Medium parameters used:  $f = 782$  MHz;  $\sigma = 1.002$  S/m;  $\epsilon_r = 54.248$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.31, 6.31, 6.31); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.307 W/kg

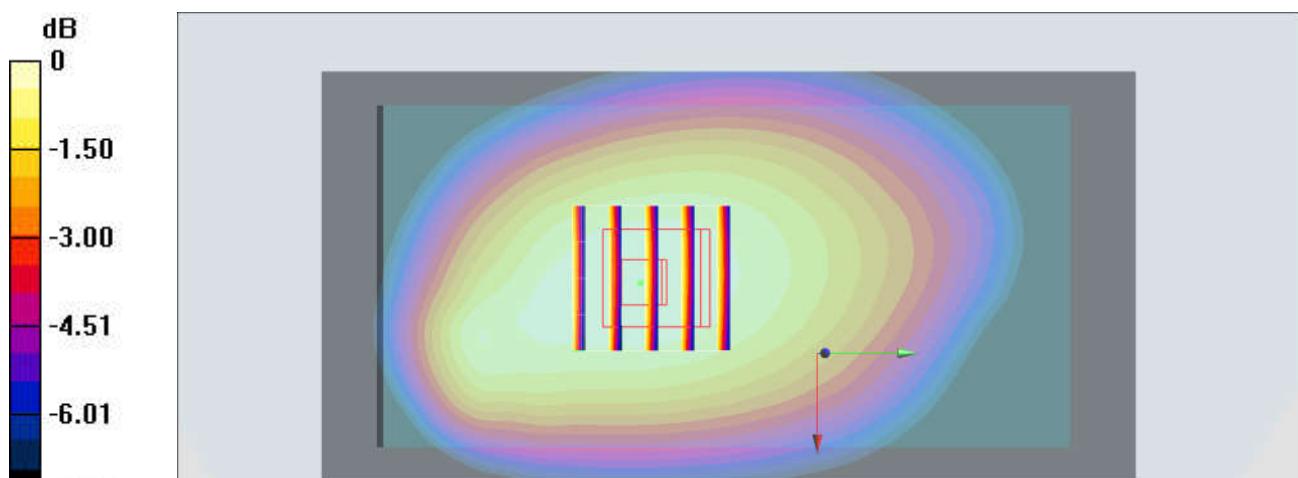
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.19 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.358 W/kg

**SAR(1 g) = 0.284 W/kg; SAR(10 g) = 0.221 W/kg**

Maximum value of SAR (measured) = 0.309 W/kg



**#27\_LTE Band 66\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch132072**

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

Medium: MSL\_1750\_170807 Medium parameters used:  $f = 1720 \text{ MHz}$ ;  $\sigma = 1.456 \text{ S/m}$ ;  $\epsilon_r = 54.486$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.95, 4.95, 4.95); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (71x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.639 W/kg

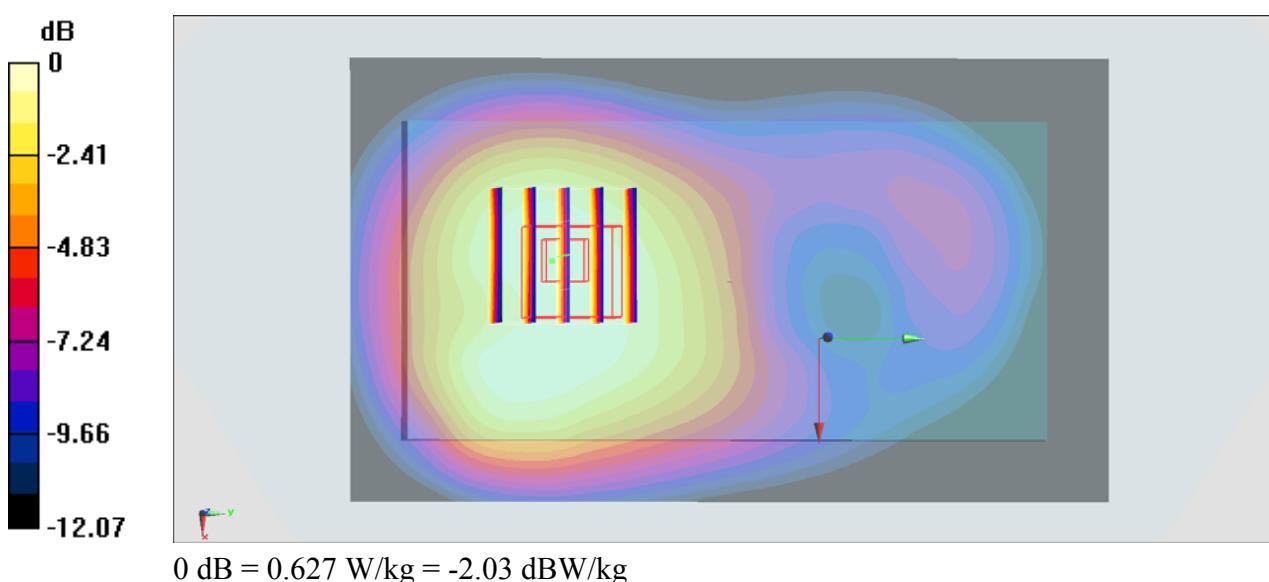
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 20.40 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.787 W/kg

**SAR(1 g) = 0.545 W/kg; SAR(10 g) = 0.369 W/kg**

Maximum value of SAR (measured) = 0.627 W/kg



**#28\_WLAN2.4GHz\_802.11b 1Mbps\_Top Side\_10mm\_Ch11**

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium: MSL\_2450\_170809 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 2.009 \text{ S/m}$ ;  $\epsilon_r = 53.07$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °C

## DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.28, 4.28, 4.28); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (41x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.440 W/kg

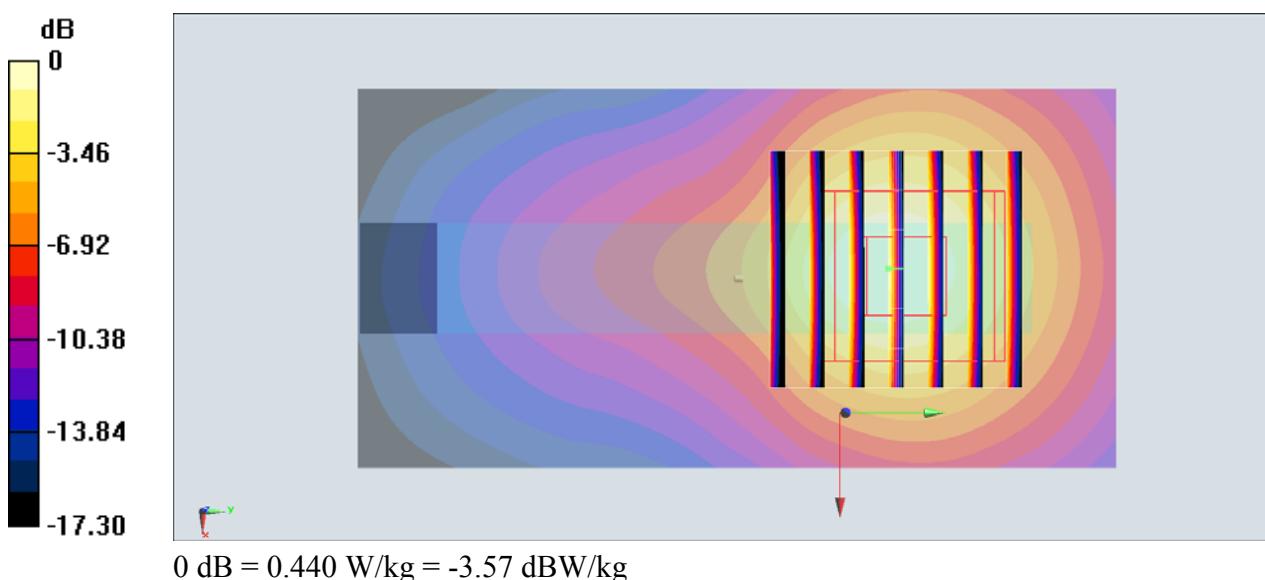
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.71 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.652 W/kg

**SAR(1 g) = 0.347 W/kg; SAR(10 g) = 0.170 W/kg**

Maximum value of SAR (measured) = 0.440 W/kg



**#29\_WLAN5GHz\_802.11a 6Mbps\_Back\_10mm\_Ch44**

Communication System: 802.11a ; Frequency: 5220 MHz; Duty Cycle: 1:1.029

Medium: MSL\_5G\_170811 Medium parameters used:  $f = 5220 \text{ MHz}$ ;  $\sigma = 5.497 \text{ S/m}$ ;  $\epsilon_r = 46.88$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.87, 4.87, 4.87); Calibrated: 2017/2/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (101x91x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 1.32 W/kg

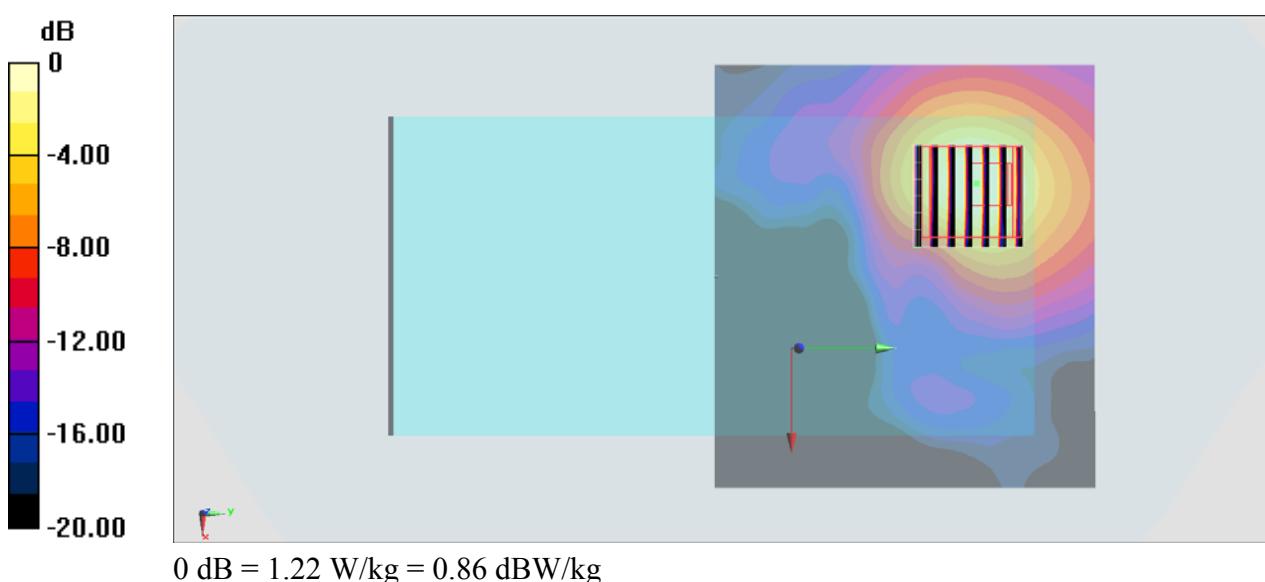
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value = 0.4890 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.94 W/kg

**SAR(1 g) = 0.563 W/kg; SAR(10 g) = 0.186 W/kg**

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



**#30\_WLAN5GHz\_802.11a 6Mbps\_Back\_10mm\_Ch149**

Communication System: 802.11a ; Frequency: 5745 MHz; Duty Cycle: 1:1.029  
Medium: MSL\_5G\_170811 Medium parameters used:  $f = 5745 \text{ MHz}$ ;  $\sigma = 6.176 \text{ S/m}$ ;  $\epsilon_r = 46.004$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

## DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.33, 4.33, 4.33); Calibrated: 2017/2/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

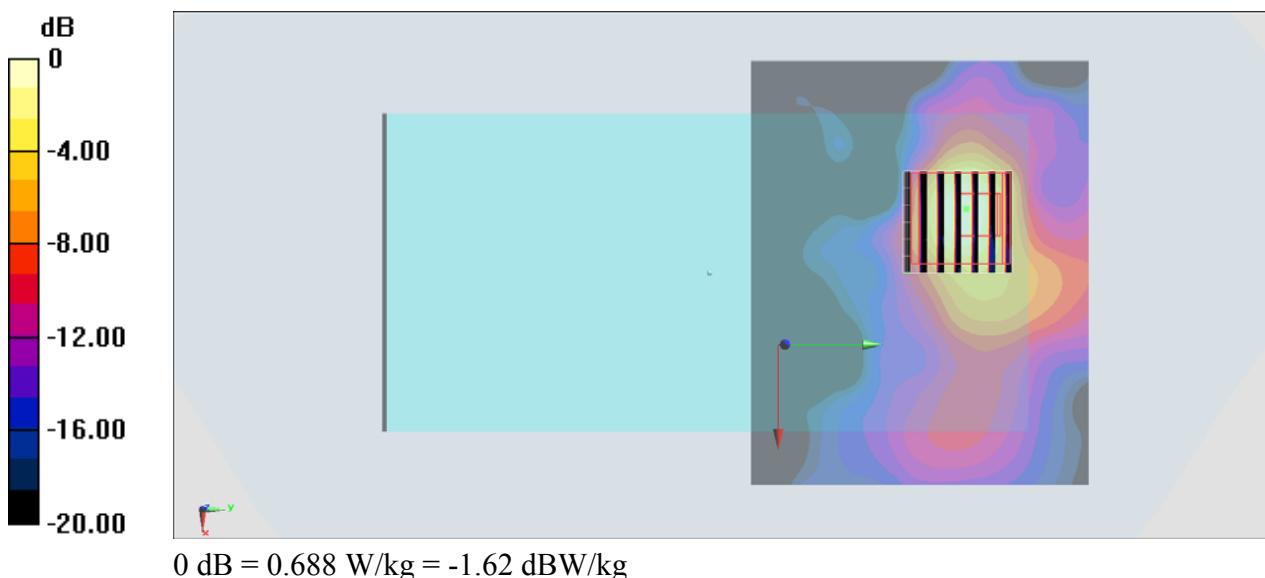
**Area Scan (101x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.770 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 5.380 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 2.45 W/kg

**SAR(1 g) = 0.282 W/kg; SAR(10 g) = 0.074 W/kg**

Maximum value of SAR (measured) = 0.688 W/kg



## #31\_Bluetooth\_1Mbps\_Back\_10mm\_Ch39

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.31

Medium: MSL\_2450\_170811 Medium parameters used :  $f = 2441 \text{ MHz}$ ;  $\sigma = 1.946 \text{ S/m}$ ;  $\epsilon_r = 53.768$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.93, 7.93, 7.93); Calibrated: 2017/2/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (91x61x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0309 W/kg

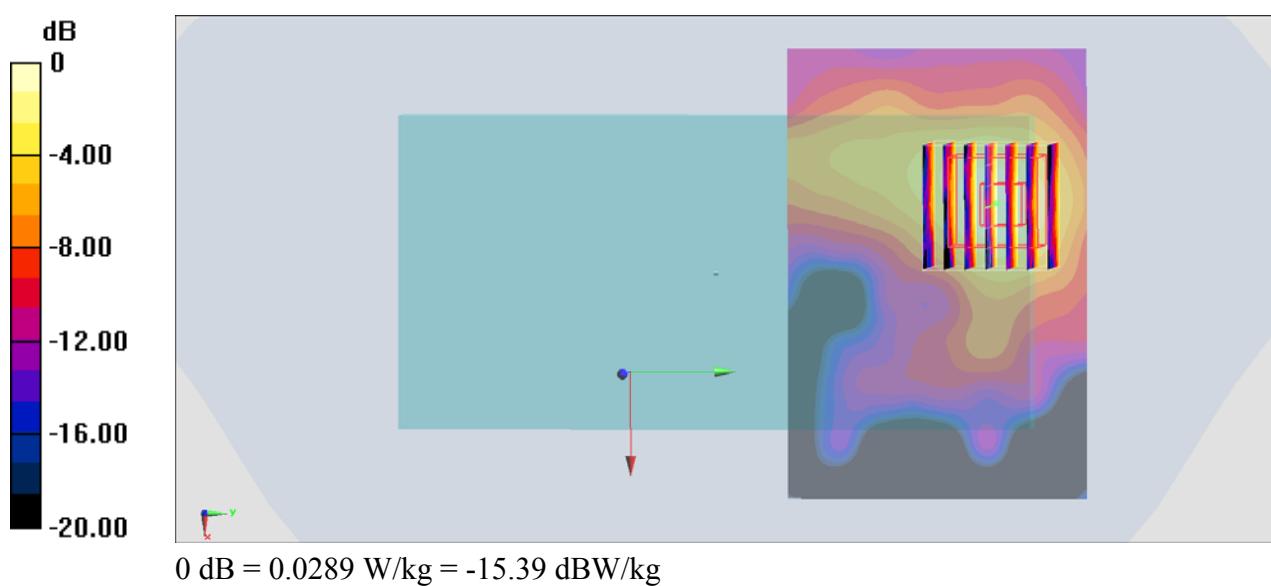
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.614 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0350 W/kg

**SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.00855 W/kg**

Maximum value of SAR (measured) = 0.0289 W/kg



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

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

Medium: MSL\_850\_170804 Medium parameters used:  $f = 836.4 \text{ MHz}$ ;  $\sigma = 0.96 \text{ S/m}$ ;  $\epsilon_r = 55.486$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

## DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

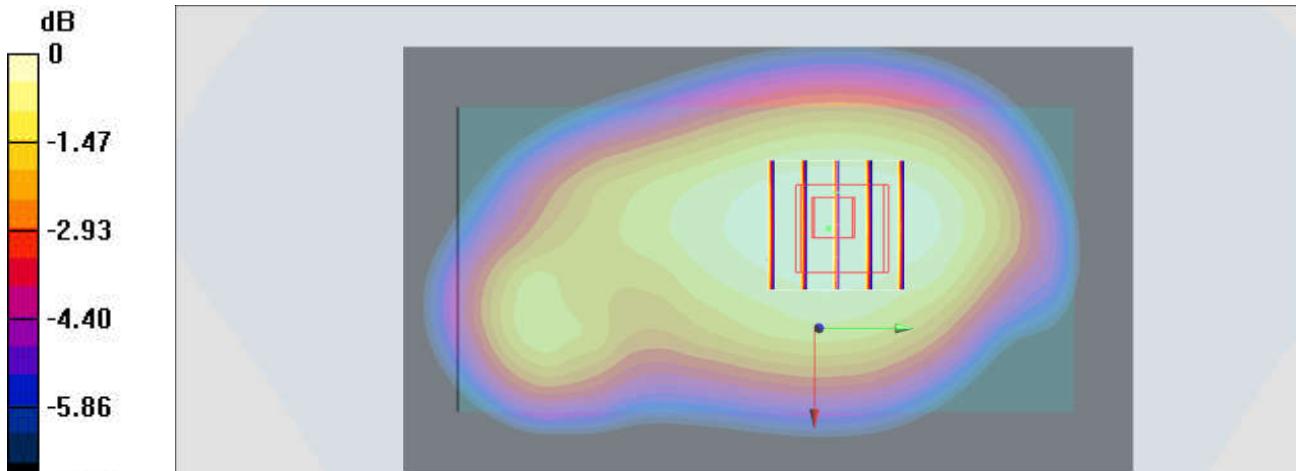
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.64 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.390 W/kg

**SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.248 W/kg**

Maximum value of SAR (measured) = 0.342 W/kg



## #33\_GSM1900\_GPRS (3 Tx slots)\_Back\_10mm\_Ch810

Communication System: PCS ; Frequency: 1909.8 MHz; Duty Cycle: 1:2.77

Medium: MSL\_1900\_170802 Medium parameters used:  $f = 1910 \text{ MHz}$ ;  $\sigma = 1.535 \text{ S/m}$ ;  $\epsilon_r = 54.052$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (71x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.543 W/kg

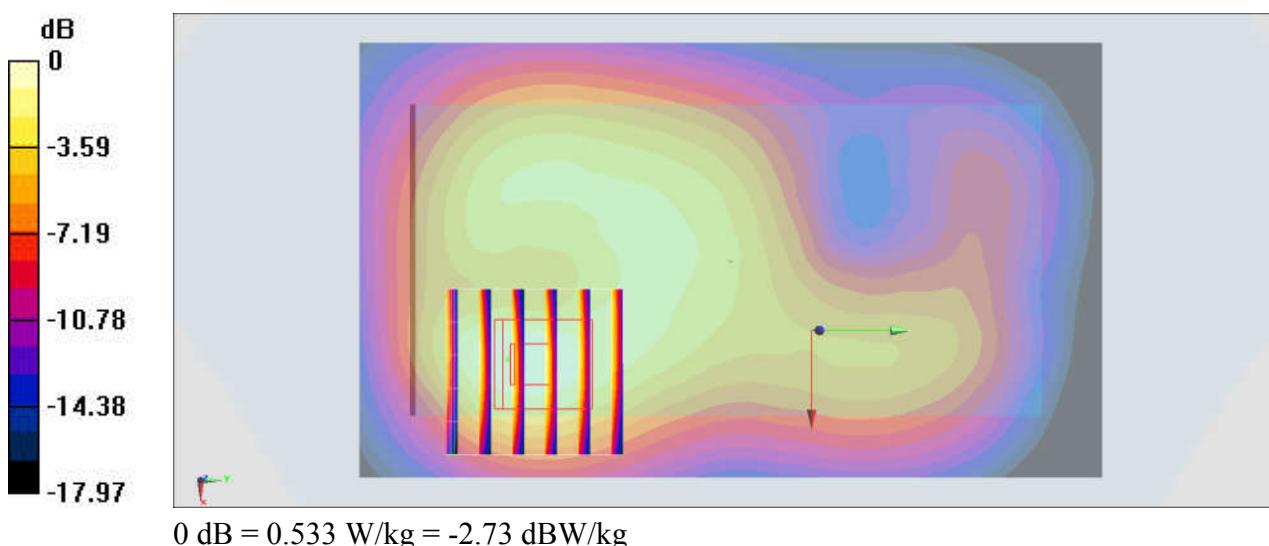
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 15.74 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.754 W/kg

**SAR(1 g) = 0.444 W/kg; SAR(10 g) = 0.250 W/kg**

Maximum value of SAR (measured) = 0.533 W/kg



## #34\_WCDMA II\_RMC 12.2Kbps\_Back\_10mm\_Ch9538

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_170802 Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.565 \text{ S/m}$ ;  $\epsilon_r = 55.511$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.14, 8.14, 8.14); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (71x61x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.06 W/kg

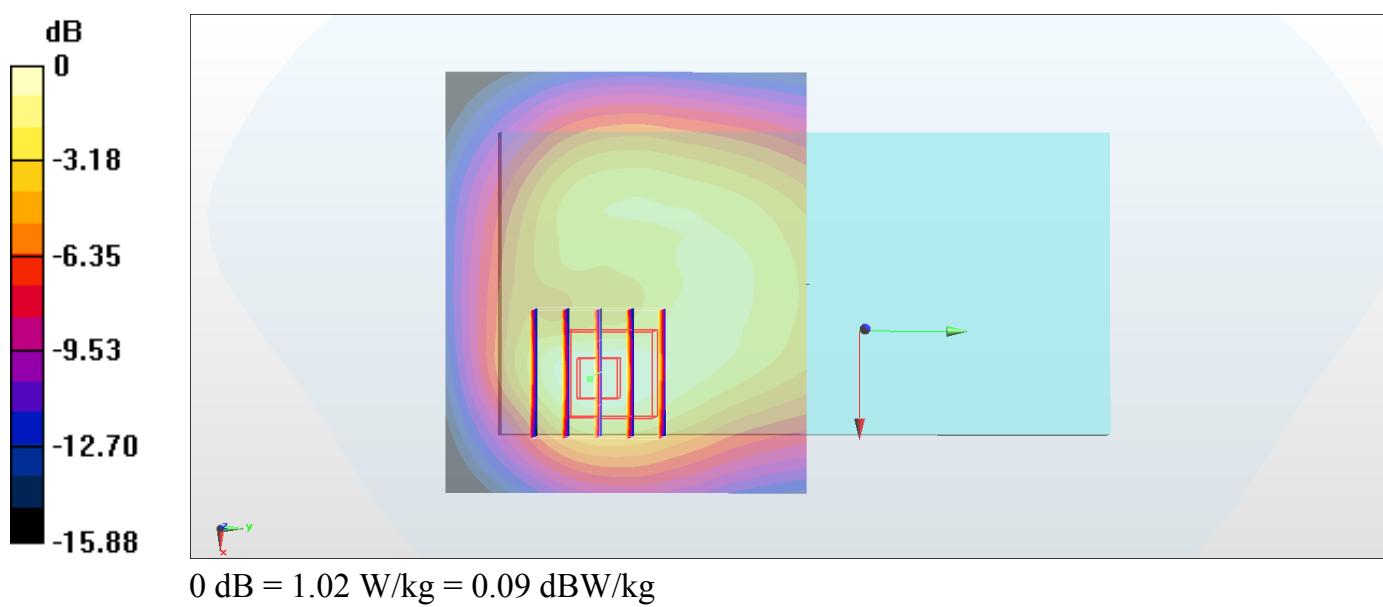
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 22.39 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.19 W/kg

**SAR(1 g) = 0.697 W/kg; SAR(10 g) = 0.404 W/kg**

Maximum value of SAR (measured) = 1.02 W/kg



**#35\_WCDMA IV\_RMC 12.2Kbps\_Back\_10mm\_Ch1513**

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1  
Medium: MSL\_1750\_170802 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.453$  S/m;  $\epsilon_r = 55.233$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

## DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.95, 4.95, 4.95); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.782 W/kg

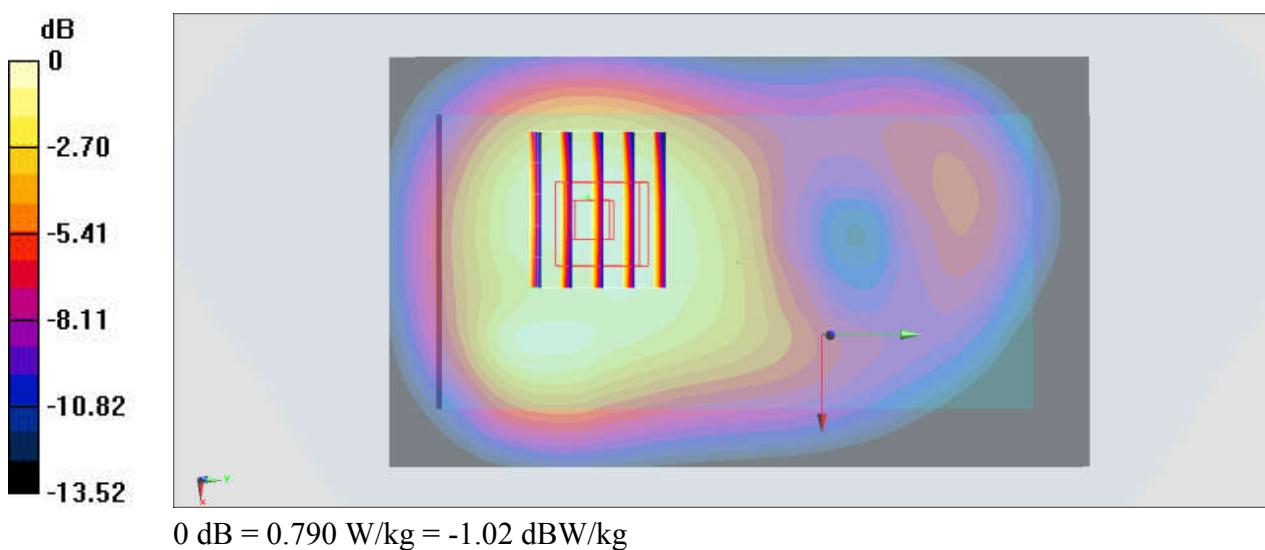
**Zoom Scan (6x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.76 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.995 W/kg

**SAR(1 g) = 0.684 W/kg; SAR(10 g) = 0.457 W/kg**

Maximum value of SAR (measured) = 0.790 W/kg



## #36\_WCDMA V\_RMC 12.2Kbps\_Back\_10mm\_Ch4132

Communication System: WCDMA ; Frequency: 826.4 MHz; Duty Cycle: 1:1  
 Medium: MSL\_850\_170804 Medium parameters used:  $f = 826.4 \text{ MHz}$ ;  $\sigma = 0.951 \text{ S/m}$ ;  $\epsilon_r = 55.585$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

## DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.412 W/kg

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

Reference Value = 21.25 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.459 W/kg

**SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.295 W/kg**

Maximum value of SAR (measured) = 0.407 W/kg

