

## #01\_GSM850\_GPRS (3 Tx slots)\_Left Cheek\_Ch251

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

Medium: HSL\_850\_170526 Medium parameters used:  $f = 849 \text{ MHz}$ ;  $\sigma = 0.907 \text{ S/m}$ ;  $\epsilon_r = 41.452$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °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 Sn853; Calibrated: 2016/7/11
- 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 (61x111x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.273 W/kg

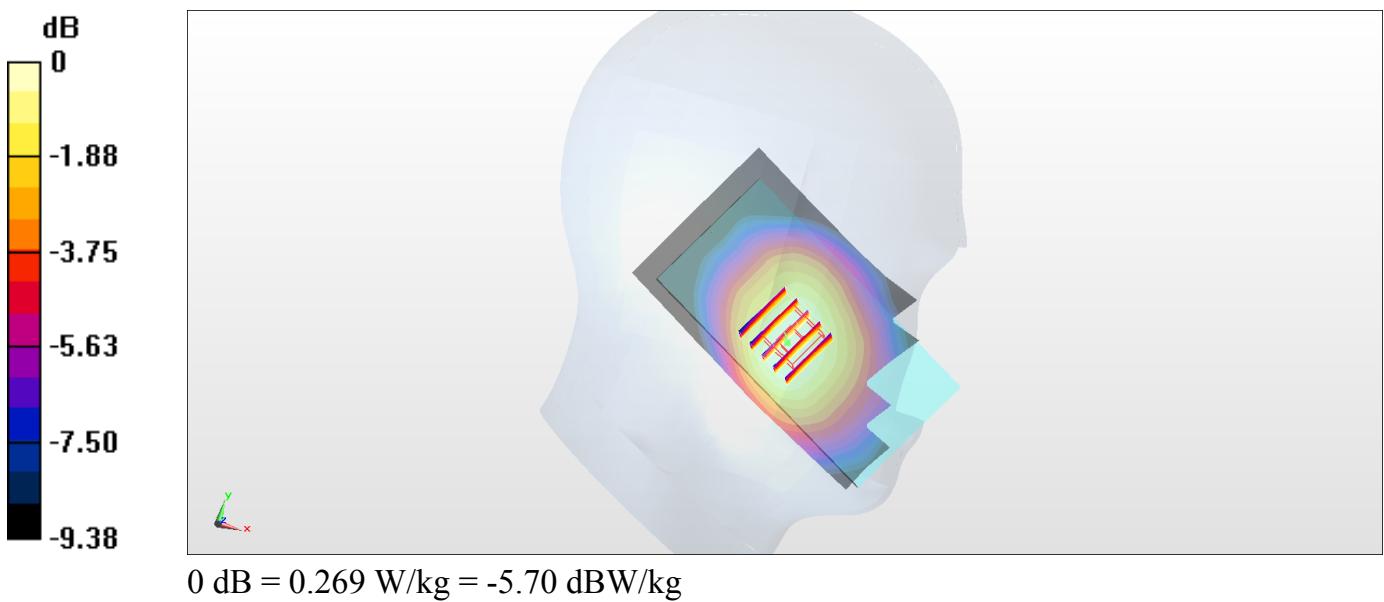
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 17.46 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.313 W/kg

**SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.188 W/kg**

Maximum value of SAR (measured) = 0.269 W/kg



$$0 \text{ dB} = 0.269 \text{ W/kg} = -5.70 \text{ dBW/kg}$$

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

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

Medium: HSL\_1900\_170524 Medium parameters used:  $f = 1910 \text{ MHz}$ ;  $\sigma = 1.415 \text{ S/m}$ ;  $\epsilon_r = 41.732$ ;  $\rho = 1000 \text{ kg/m}^3$

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.42, 8.42, 8.42); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (61x111x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.186 W/kg

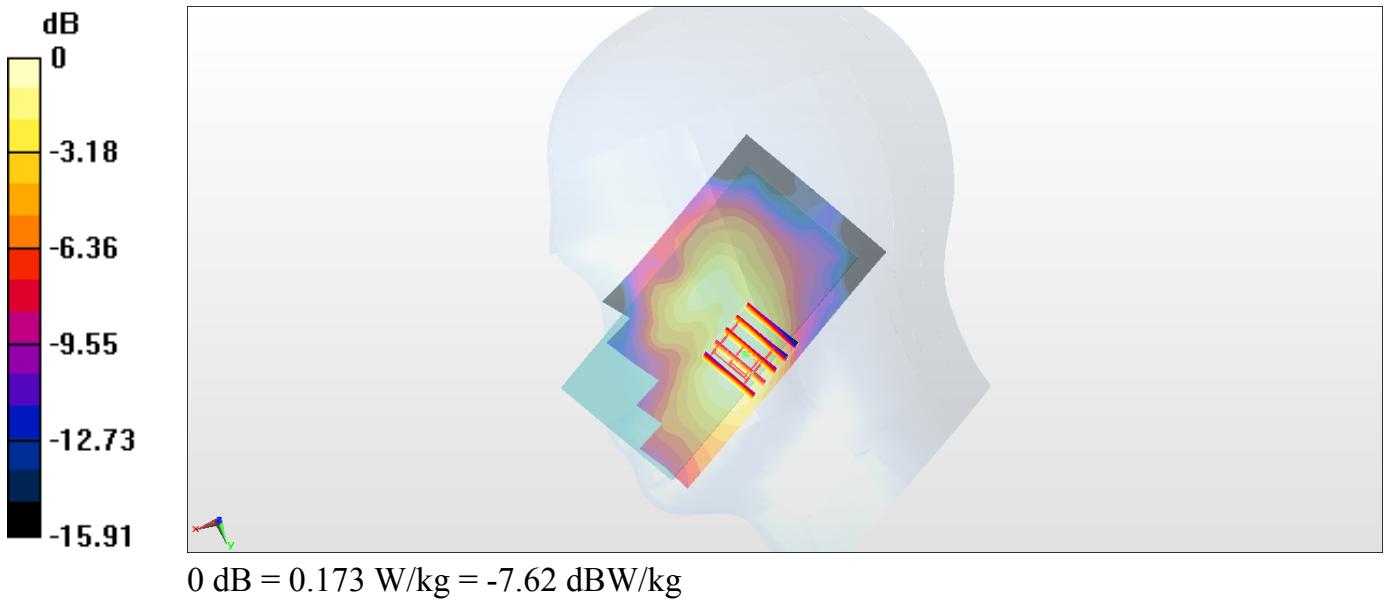
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 10.64 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.205 W/kg

**SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.090 W/kg**

Maximum value of SAR (measured) = 0.173 W/kg



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

Communication System: WCDMA ; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_170524 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.354$  S/m;  $\epsilon_r = 41.869$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.42, 8.42, 8.42); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.332 W/kg

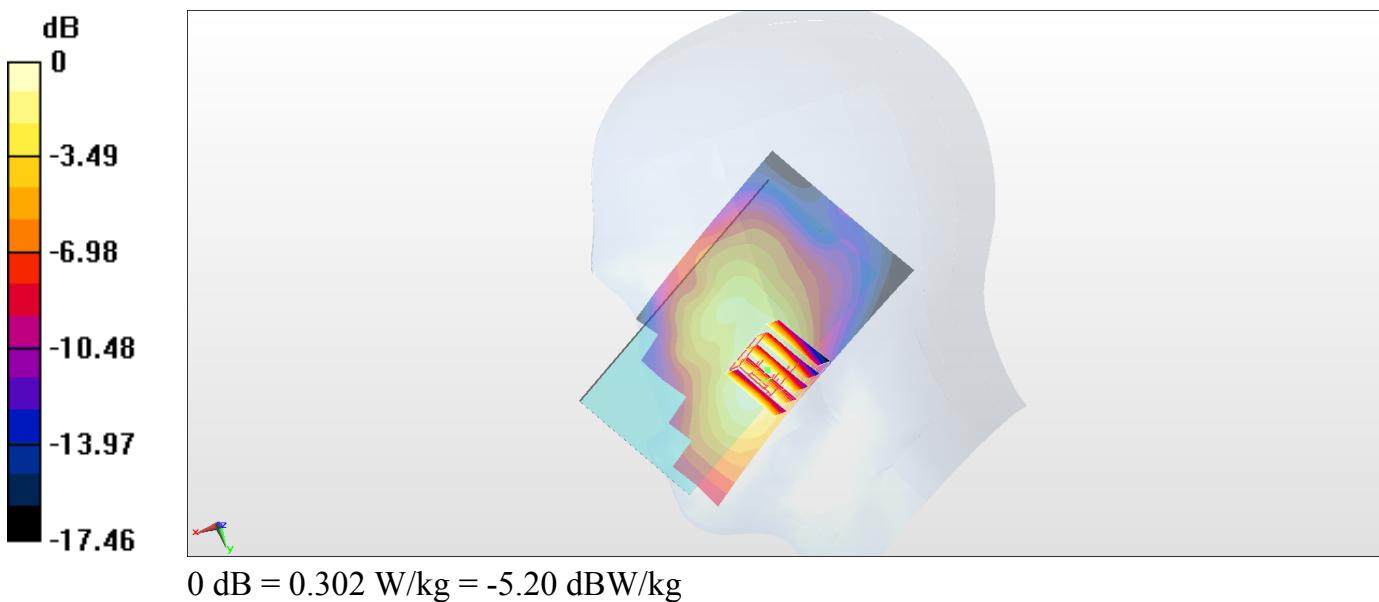
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.37 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.342 W/kg

**SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.155 W/kg**

Maximum value of SAR (measured) = 0.302 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\_170525 Medium parameters used:  $f = 1733 \text{ MHz}$ ;  $\sigma = 1.366 \text{ S/m}$ ;  $\epsilon_r = 41.261$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °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 Sn853; Calibrated: 2016/7/11
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1796
- 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) = 0.173 W/kg

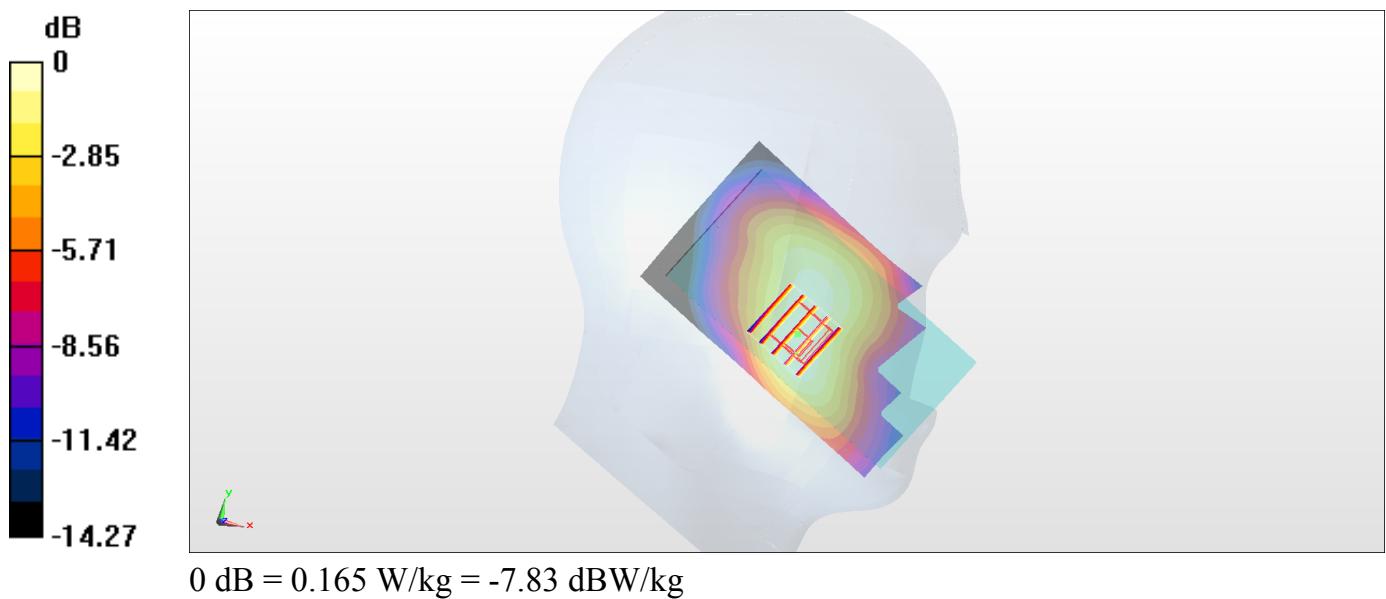
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.27 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.201 W/kg

**SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.102 W/kg**

Maximum value of SAR (measured) = 0.165 W/kg



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

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_850\_170526 Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 0.905 \text{ S/m}$ ;  $\epsilon_r = 41.479$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °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 Sn853; Calibrated: 2016/7/11
- 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 (61x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.214 W/kg

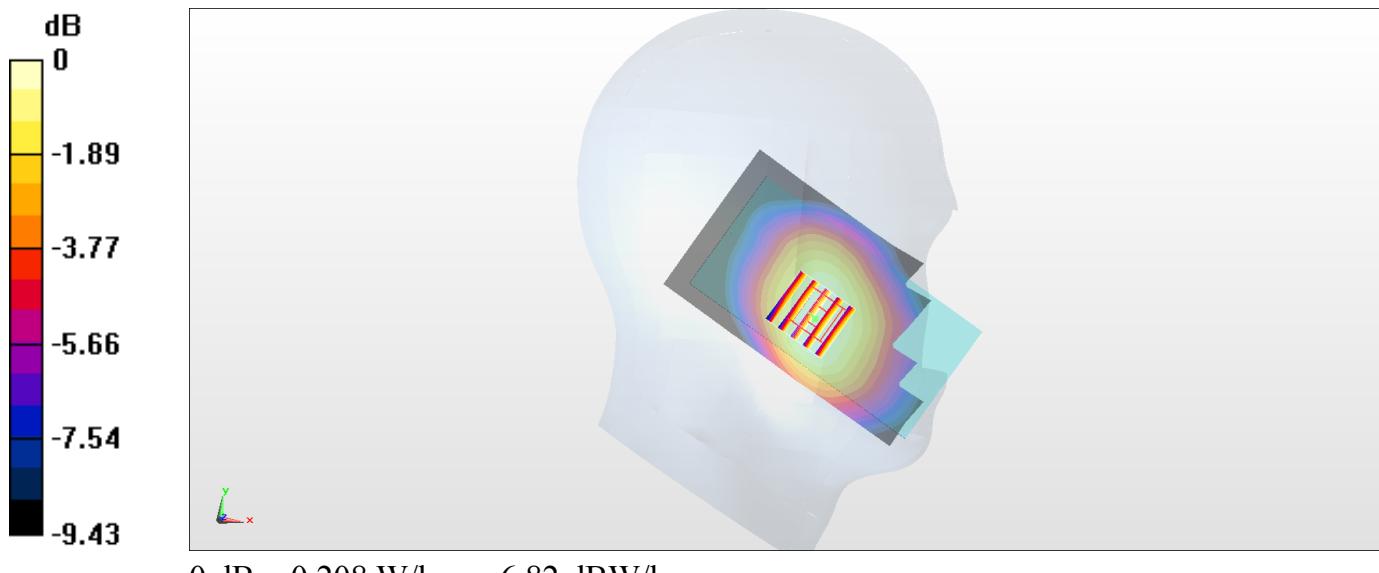
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 15.49 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.244 W/kg

**SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.148 W/kg**

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



**#06 CDMA BC0 1xRTT RC3 SO55 Left Cheek Ch1013**

Communication System: CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_170526 Medium parameters used:  $f = 825 \text{ MHz}$ ;  $\sigma = 0.885 \text{ S/m}$ ;  $\epsilon_r = 41.779$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °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 Sn853; Calibrated: 2016/7/11
- 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 (61x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.138 W/kg

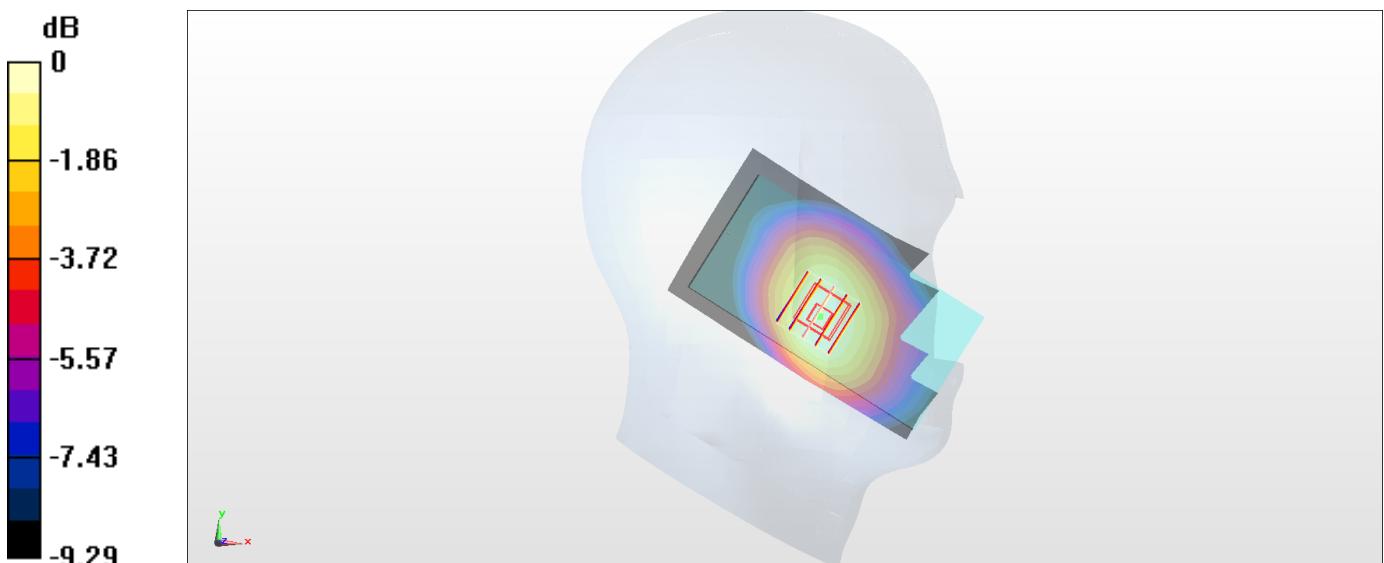
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 12.55 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.160 W/kg

**SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.098 W/kg**

Maximum value of SAR (measured) = 0.140 W/kg



## #07\_CDMA BC1\_1xRTT RC3 SO55\_Right Cheek\_Ch1175

Communication System: CDMA; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_170524 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.414$  S/m;  $\epsilon_r = 41.736$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.42, 8.42, 8.42); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1796
- 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

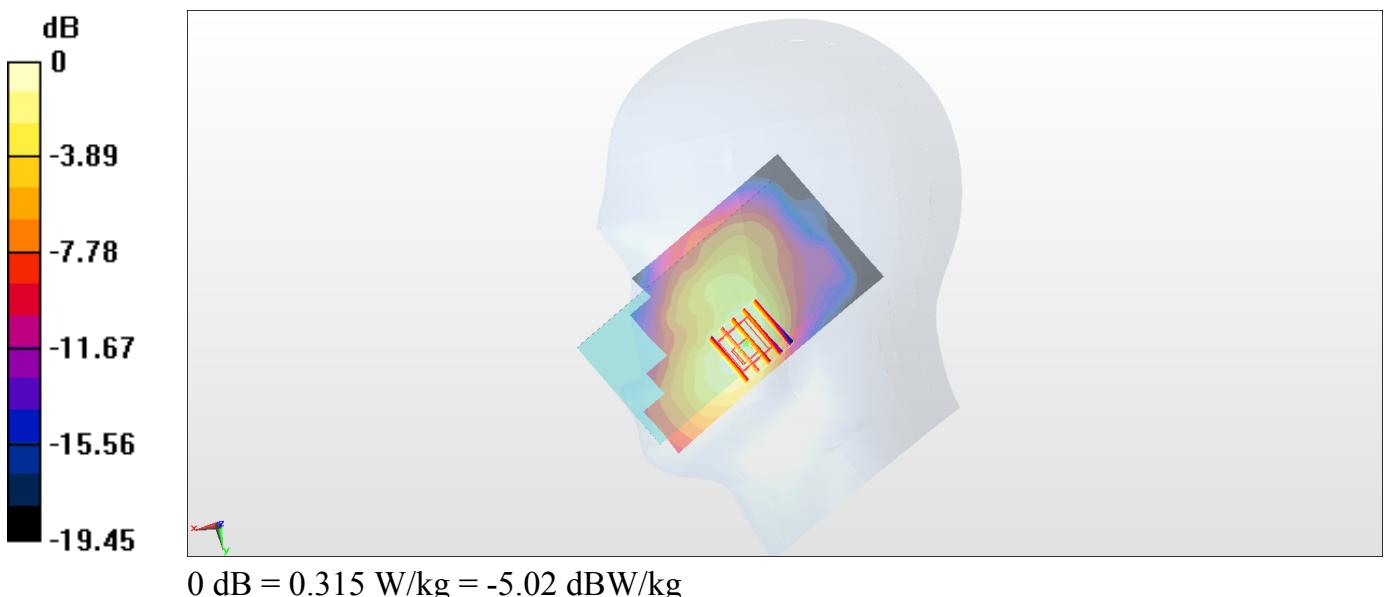
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.04 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.372 W/kg

**SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.162 W/kg**

Maximum value of SAR (measured) = 0.315 W/kg



**#08 CDMA BC10 1xRTT RC3 SO55 Left Cheek Ch580**

Communication System: CDMA; Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_170526 Medium parameters used:  $f = 820.5 \text{ MHz}$ ;  $\sigma = 0.881 \text{ S/m}$ ;  $\epsilon_r = 41.835$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °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 Sn853; Calibrated: 2016/7/11
- 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 (61x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.150 W/kg

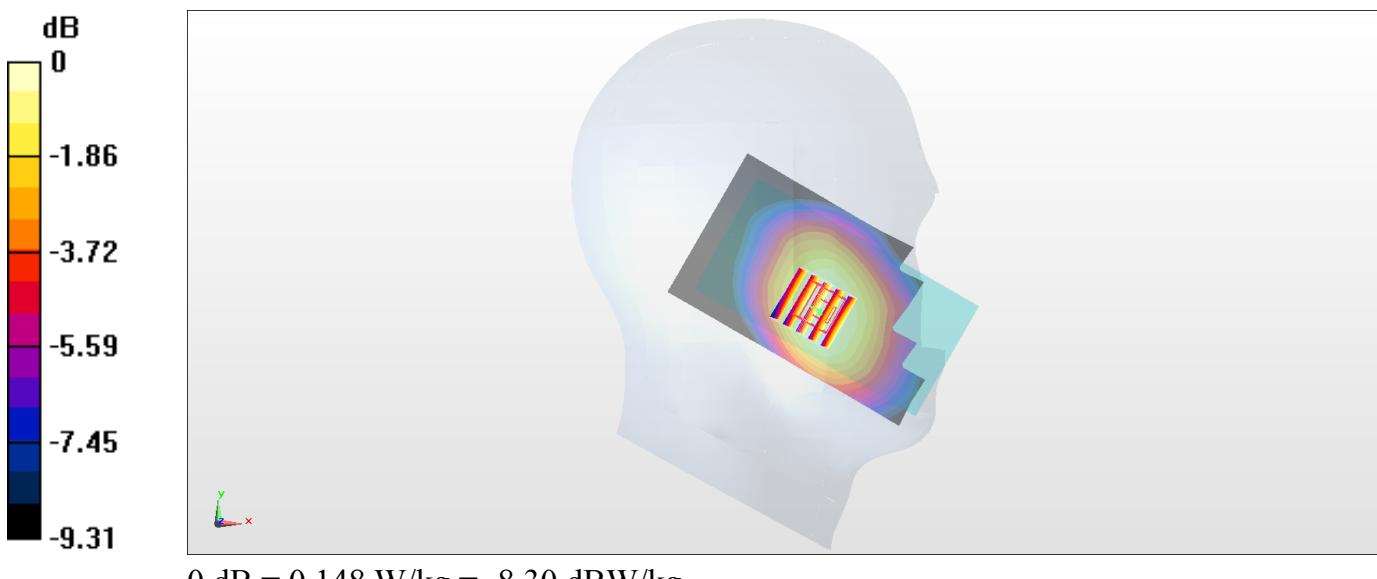
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 13.38 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.170 W/kg

**SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.106 W/kg**

Maximum value of SAR (measured) = 0.148 W/kg



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

Communication System: LTE ; Frequency: 2560 MHz; Duty Cycle: 1:1  
Medium: HSL\_2600\_170514 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.905$  S/m;  $\epsilon_r = 39.815$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.9 °C; Liquid Temperature : 22.9 °C

## DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.37, 7.37, 7.37); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1796
- 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) = 0.175 W/kg

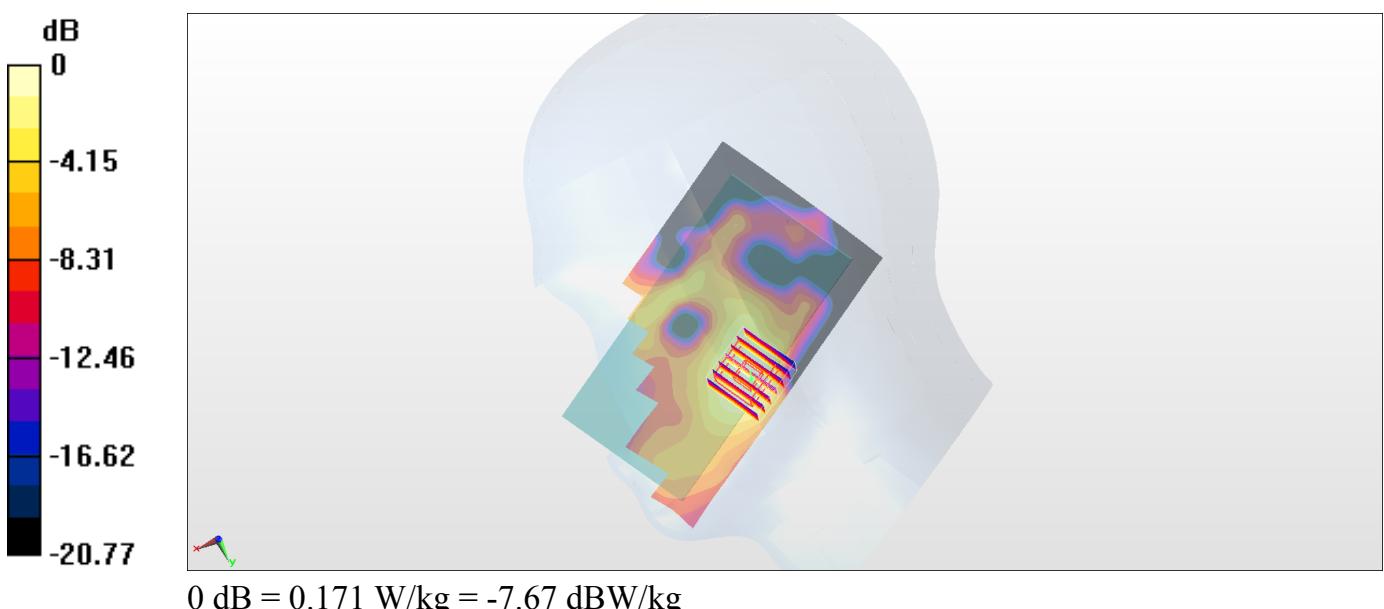
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.030 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.202 W/kg

**SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.064 W/kg**

Maximum value of SAR (measured) = 0.171 W/kg



**#10\_LTE Band 12\_10M\_QPSK\_1\_49\_Left Cheek\_Ch23095**

Communication System: LTE ; Frequency: 707.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_750\_170525 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.851$  S/m;  $\epsilon_r = 43.149$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °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 Sn853; Calibrated: 2016/7/11
- 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 (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.156 W/kg

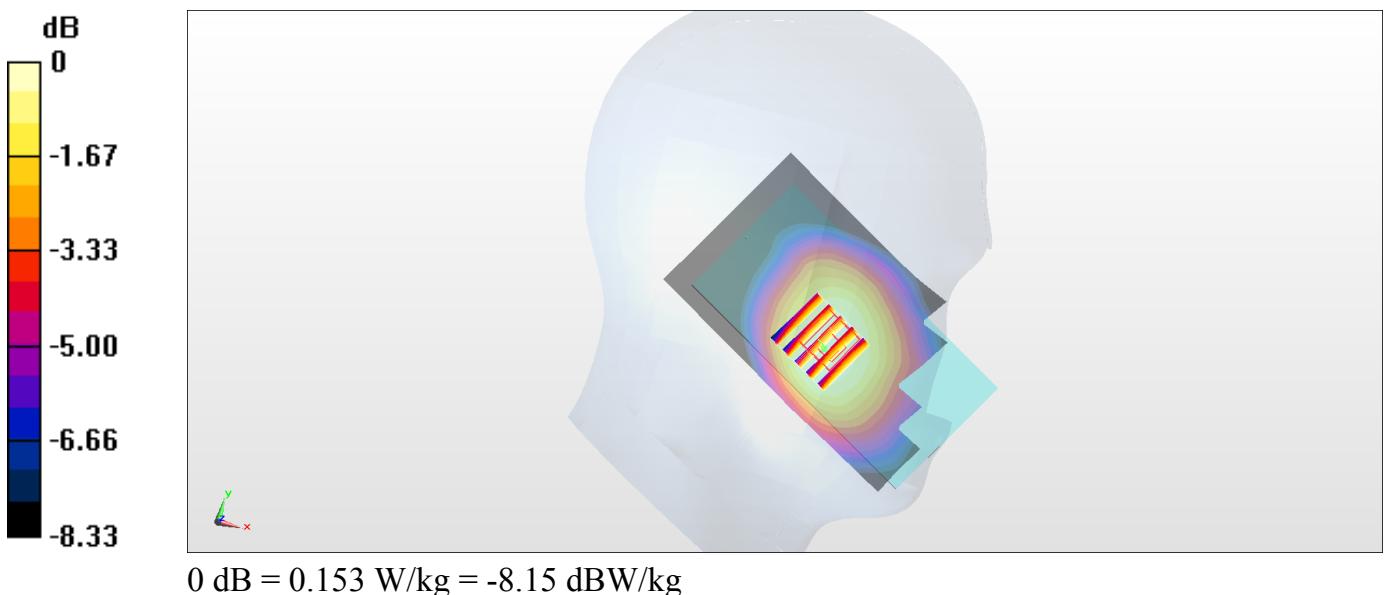
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.76 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.175 W/kg

**SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.116 W/kg**

Maximum value of SAR (measured) = 0.153 W/kg



**#11\_LTE Band 13\_10M\_QPSK\_1\_25\_Left Cheek\_Ch23230**

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

Medium: HSL\_750\_170525 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.923 \text{ S/m}$ ;  $\epsilon_r = 42.081$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °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 Sn853; Calibrated: 2016/7/11
- 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 (61x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.174 W/kg

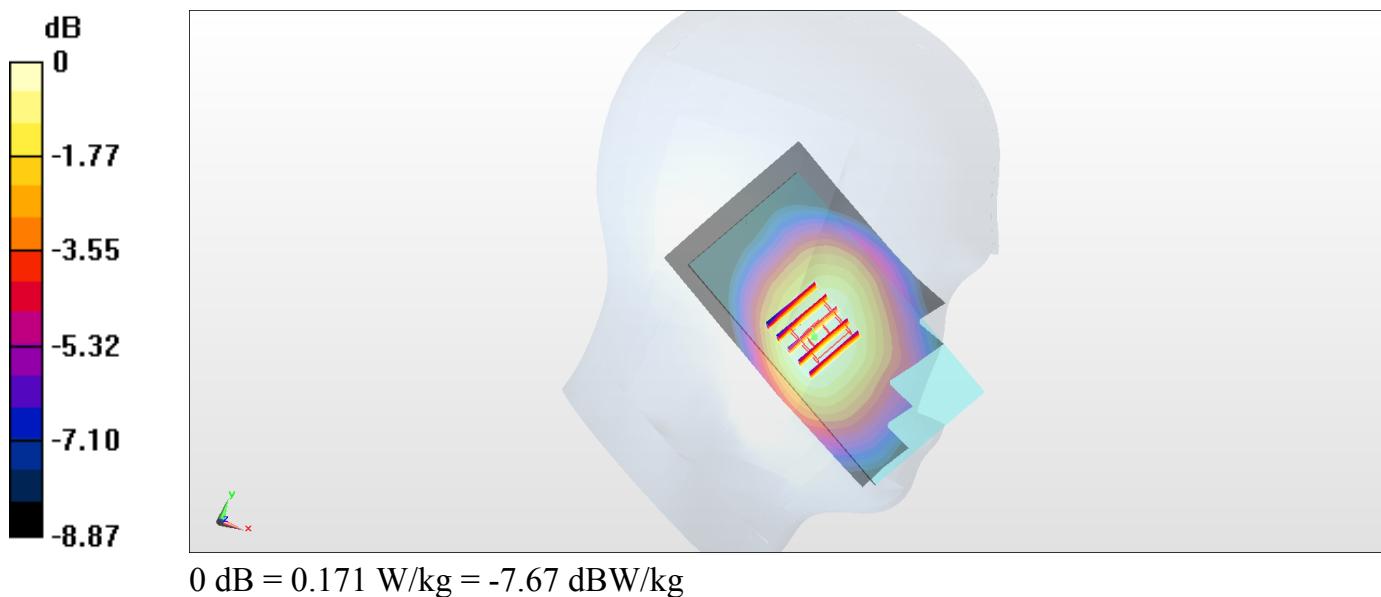
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 13.90 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.197 W/kg

**SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.124 W/kg**

Maximum value of SAR (measured) = 0.171 W/kg



**#12\_LTE Band 25\_20M\_QPSK\_1\_0\_Right Cheek\_Ch26140**

Communication System: LTE; Frequency: 1860 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_170524 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.361$  S/m;  $\epsilon_r = 41.865$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

**DASY5 Configuration**

- Probe: EX3DV4 - SN3931; ConvF(8.42, 8.42, 8.42); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1796
- 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) = 0.252 W/kg

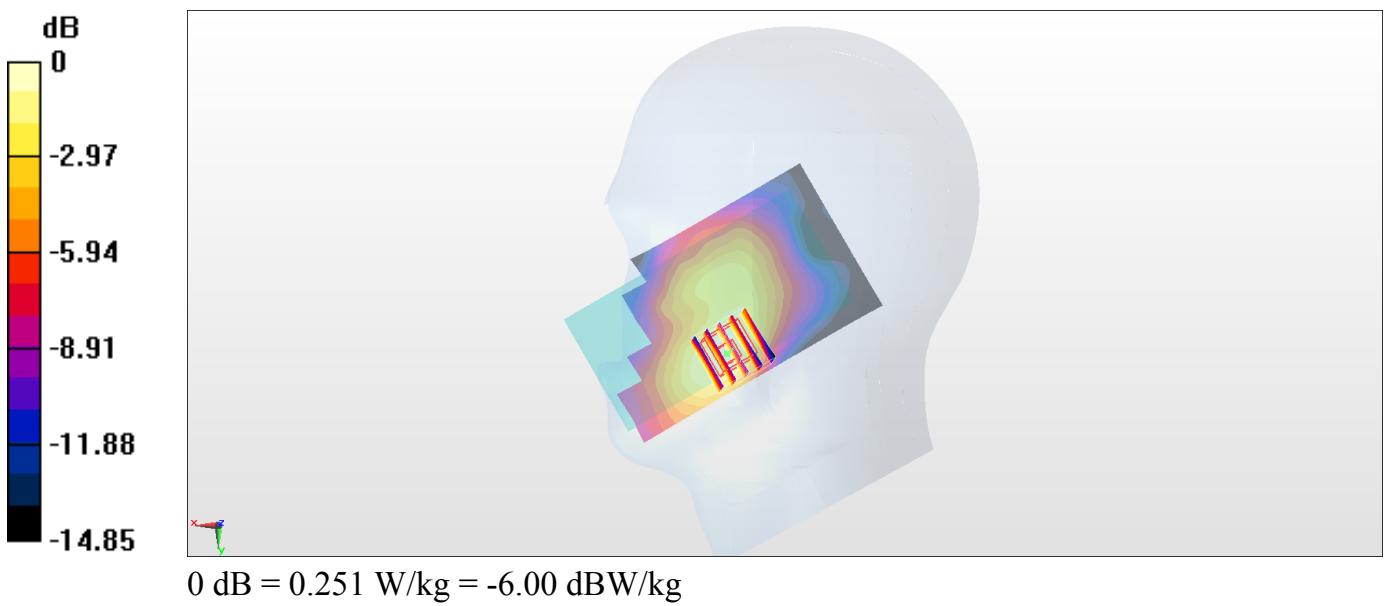
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.61 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.282 W/kg

**SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.124 W/kg**

Maximum value of SAR (measured) = 0.251 W/kg



**#13\_LTE Band 26\_15M\_QPSK\_1\_74\_Left Cheek\_Ch26865**

Communication System: LTE ; Frequency: 831.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_850\_170526 Medium parameters used:  $f = 831.5 \text{ MHz}$ ;  $\sigma = 0.891 \text{ S/m}$ ;  $\epsilon_r = 41.694$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °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 Sn853; Calibrated: 2016/7/11
- 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 (61x111x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

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

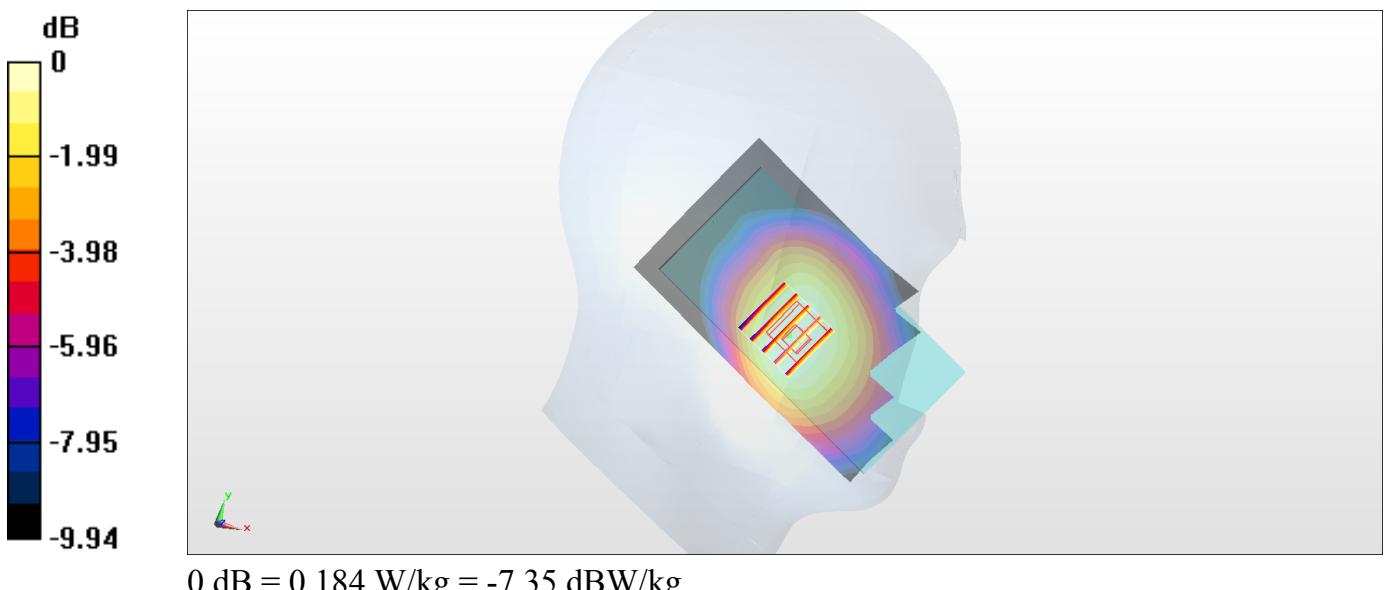
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 14.89 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.216 W/kg

**SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.133 W/kg**

Maximum value of SAR (measured) = 0.184 W/kg



## #14\_LTE Band 30\_10M\_QPSK\_1\_25\_Left Cheek\_Ch27710

Communication System: LTE ; Frequency: 2310 MHz; Duty Cycle: 1:1  
Medium: HSL\_2300\_170514 Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.62$  S/m;  $\epsilon_r = 40.761$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.9 °C; Liquid Temperature : 22.9 °C

### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.94, 7.94, 7.94); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.112 W/kg

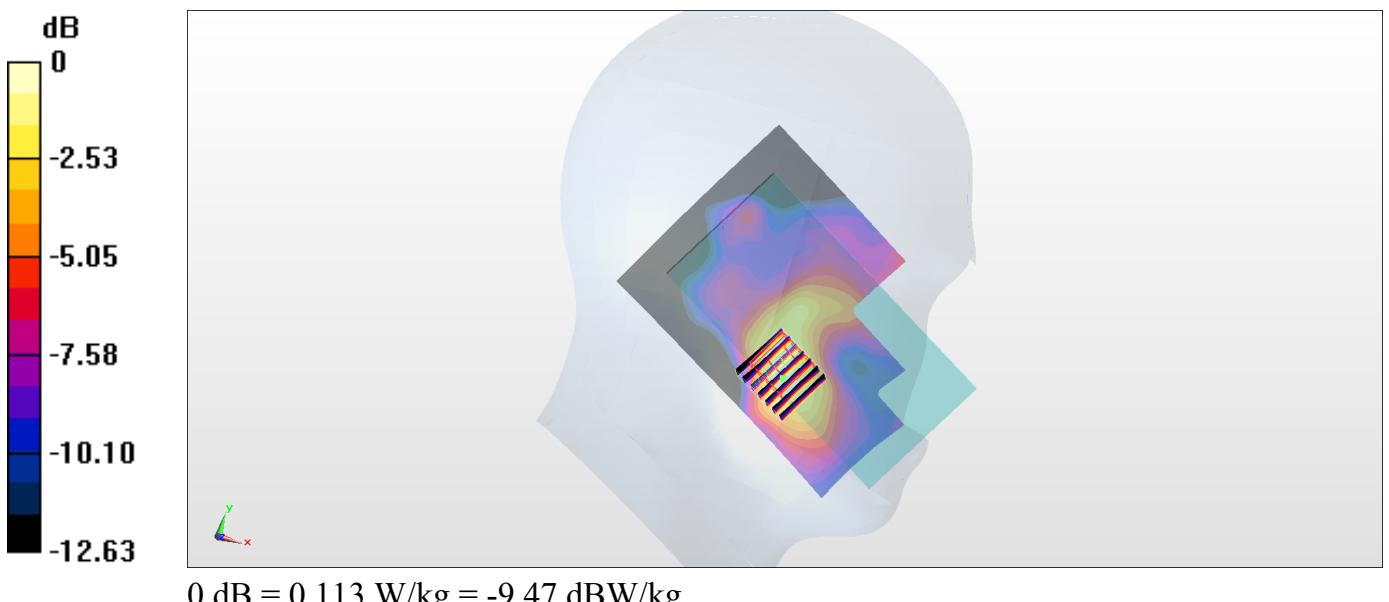
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.217 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.134 W/kg

**SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.047 W/kg**

Maximum value of SAR (measured) = 0.113 W/kg



**#15\_LTE Band 66\_20M\_QPSK\_1\_0\_Right Cheek\_Ch132322**

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

Medium: HSL\_1750\_170525 Medium parameters used:  $f = 1745 \text{ MHz}$ ;  $\sigma = 1.378 \text{ S/m}$ ;  $\epsilon_r = 41.209$ ;

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

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3931; ConvF(8.68, 8.68, 8.68); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1796
- 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) = 0.245 W/kg

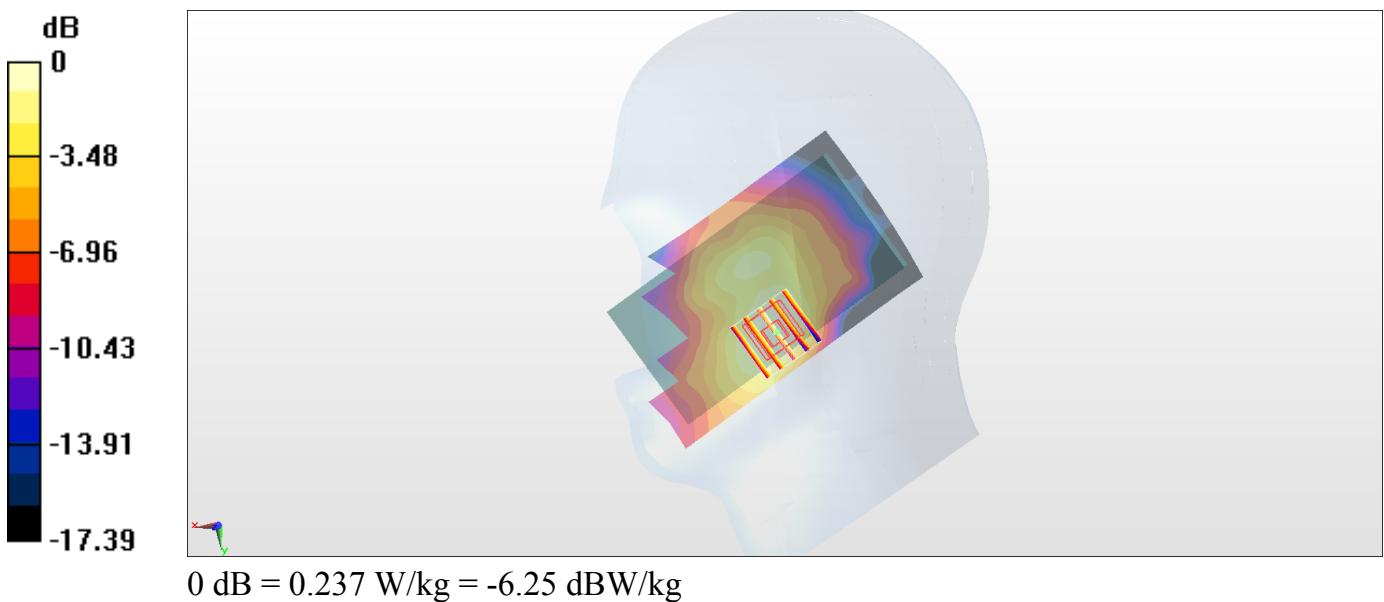
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 12.44 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.266 W/kg

**SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.126 W/kg**

Maximum value of SAR (measured) = 0.237 W/kg



**#16\_LTE Band 41\_20M\_QPSK\_1\_0\_Right Cheek\_Ch41490**

Communication System: LTE-TDD ; Frequency: 2680 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600\_170514 Medium parameters used:  $f = 2680 \text{ MHz}$ ;  $\sigma = 2.046 \text{ S/m}$ ;  $\epsilon_r = 39.371$ ;

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

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3931; ConvF(7.37, 7.37, 7.37); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (81x141x1):** Interpolated grid:  $dx=1.200 \text{ mm}$ ,  $dy=1.200 \text{ mm}$

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

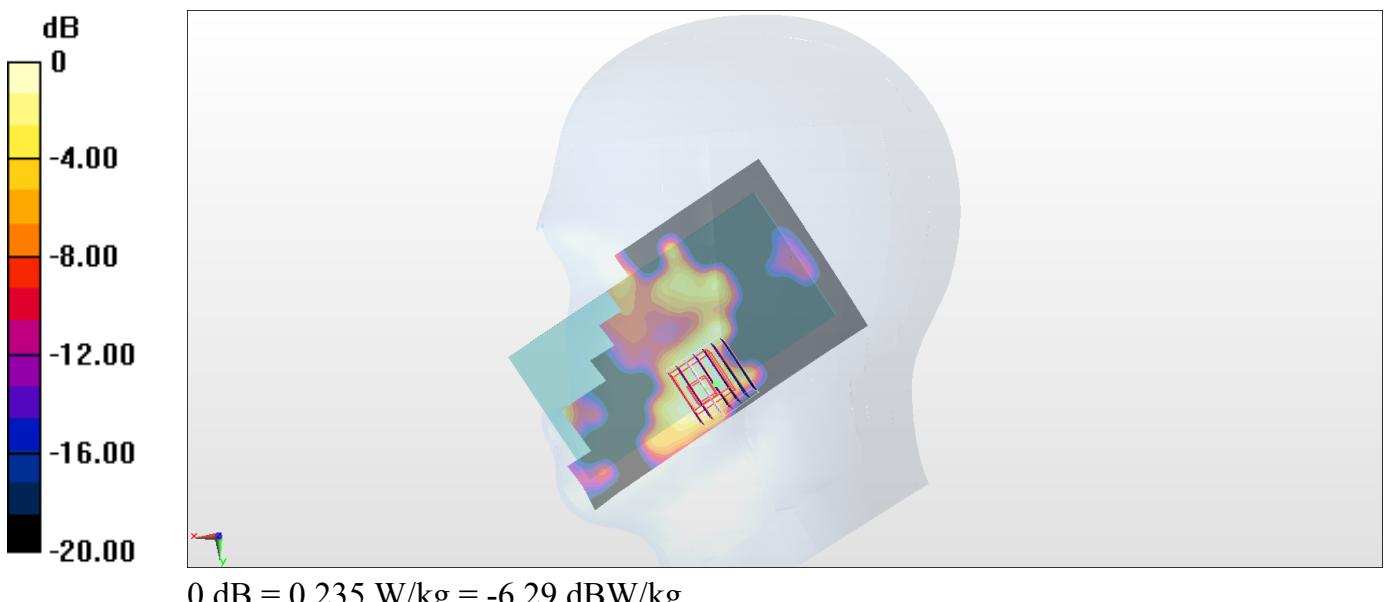
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 8.556 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.278 W/kg

**SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.052 W/kg**

Maximum value of SAR (measured) = 0.235 W/kg



**#17\_WLAN2.4GHz\_802.11b 1Mbps\_Left Tilted\_Ch1;Ant 1**

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

Medium: HSL\_2450\_170612 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.767 \text{ S/m}$ ;  $\epsilon_r = 39.634$ ;

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

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °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: S/N:1801
- 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) = 0.206 W/kg

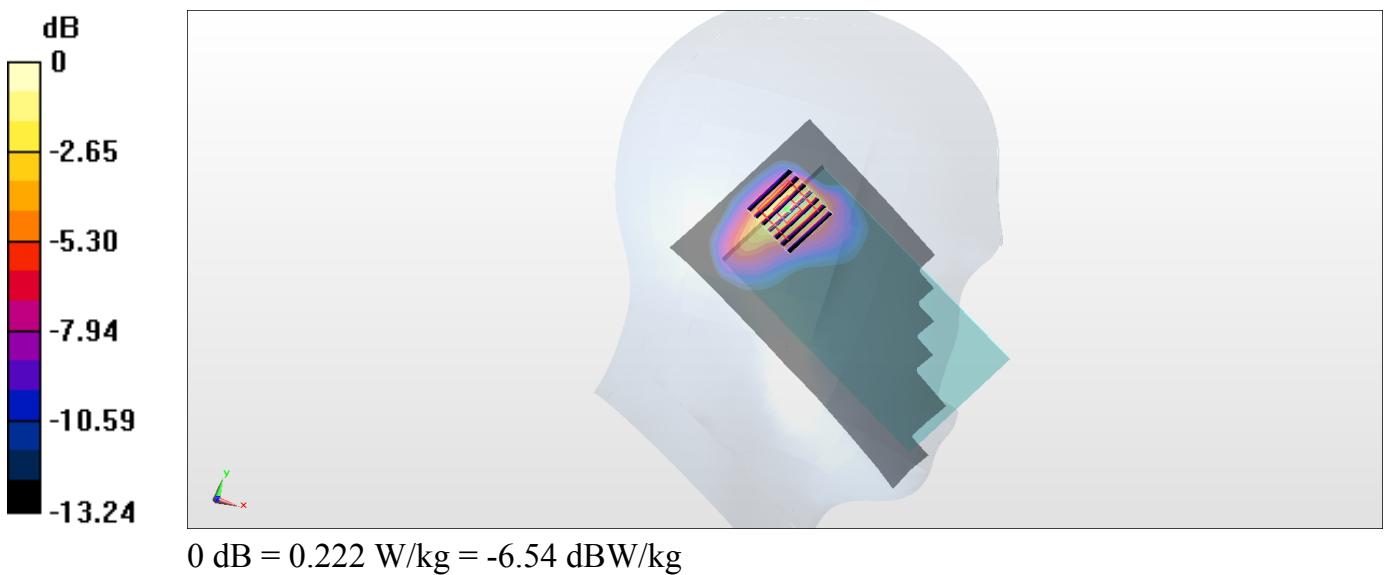
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 7.414 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.265 W/kg

**SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.068 W/kg**

Maximum value of SAR (measured) = 0.222 W/kg



## #18\_WLAN5GHz\_802.11n-HT40 MCS0\_Left Cheek\_Ch62;Ant 1

Communication System: 802.11n; Frequency: 5310 MHz; Duty Cycle: 1:1.114

Medium: HSL\_5G\_170611 Medium parameters used:  $f = 5310 \text{ MHz}$ ;  $\sigma = 4.66 \text{ S/m}$ ;  $\epsilon_r = 35.103$ ;  $\rho = 1000 \text{ kg/m}^3$

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(5.38, 5.38, 5.38); 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 (91x71x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.233 W/kg

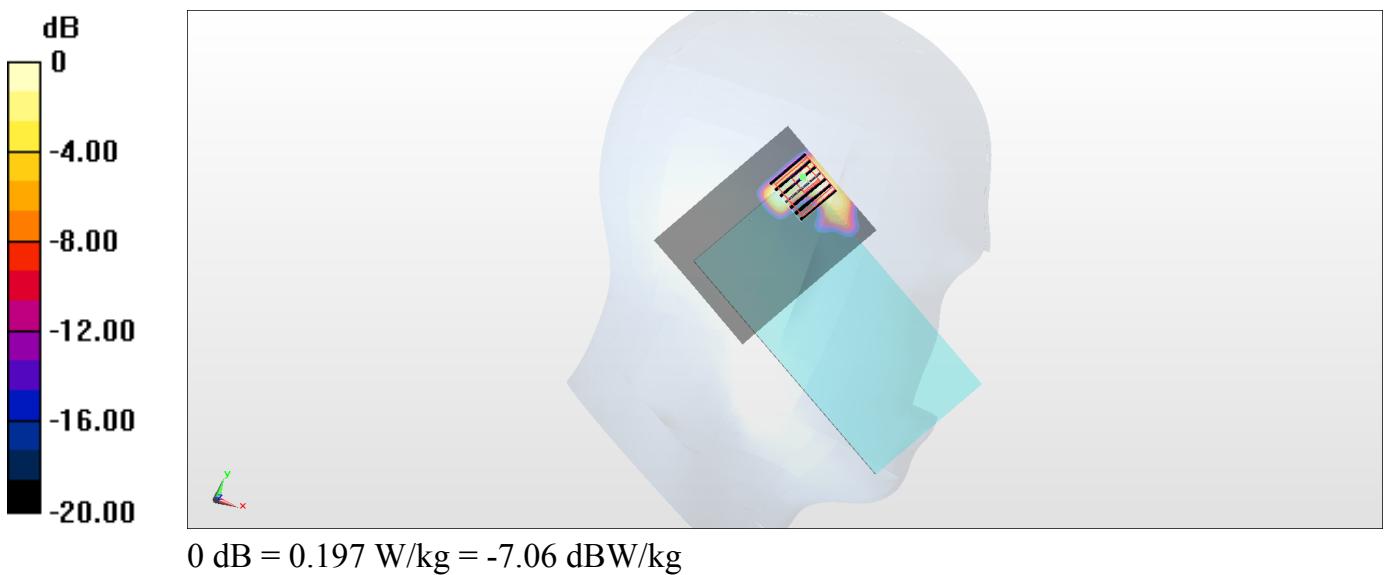
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value = 4.117 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.311 W/kg

**SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.018 W/kg**

Maximum value of SAR (measured) = 0.197 W/kg



**#19\_WLAN5GHz\_802.11n-HT40 MCS0\_Left Cheek\_Ch110;Ant 1**

Communication System: 802.11n ; Frequency: 5550 MHz; Duty Cycle: 1:1.114  
Medium: HSL\_5G\_170611 Medium parameters used:  $f = 5550 \text{ MHz}$ ;  $\sigma = 4.895 \text{ S/m}$ ;  $\epsilon_r = 34.774$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

**DASY5 Configuration**

- Probe: EX3DV4 - SN3931; ConvF(4.68, 4.68, 4.68); 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 (91x71x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.253 W/kg

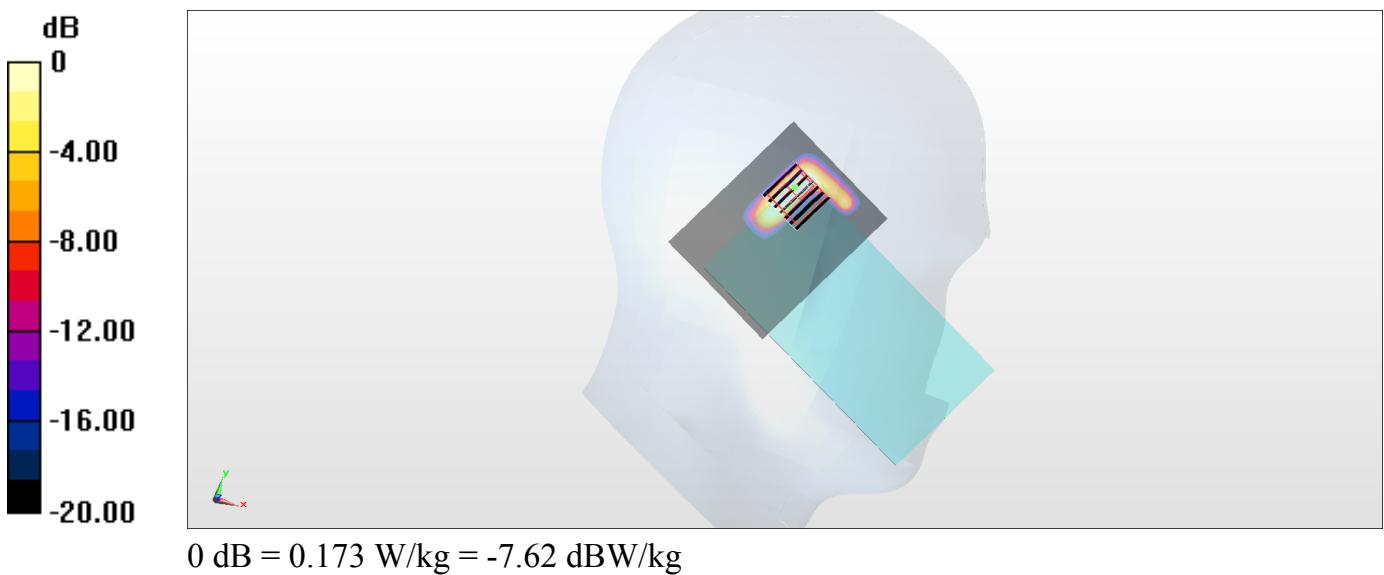
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value = 4.513 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.285 W/kg

**SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.016 W/kg**

Maximum value of SAR (measured) = 0.173 W/kg



**#20\_WLAN5GHz\_802.11n-HT40 MCS0\_Left Tilted\_Ch151;Ant 1**

Communication System: 802.11n ; Frequency: 5755 MHz; Duty Cycle: 1:1.115  
Medium: HSL\_5G\_170611 Medium parameters used:  $f = 5755 \text{ MHz}$ ;  $\sigma = 5.102 \text{ S/m}$ ;  $\epsilon_r = 34.504$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

**DASY5 Configuration**

- Probe: EX3DV4 - SN3931; ConvF(4.84, 4.84, 4.84); 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 (91x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.256 W/kg

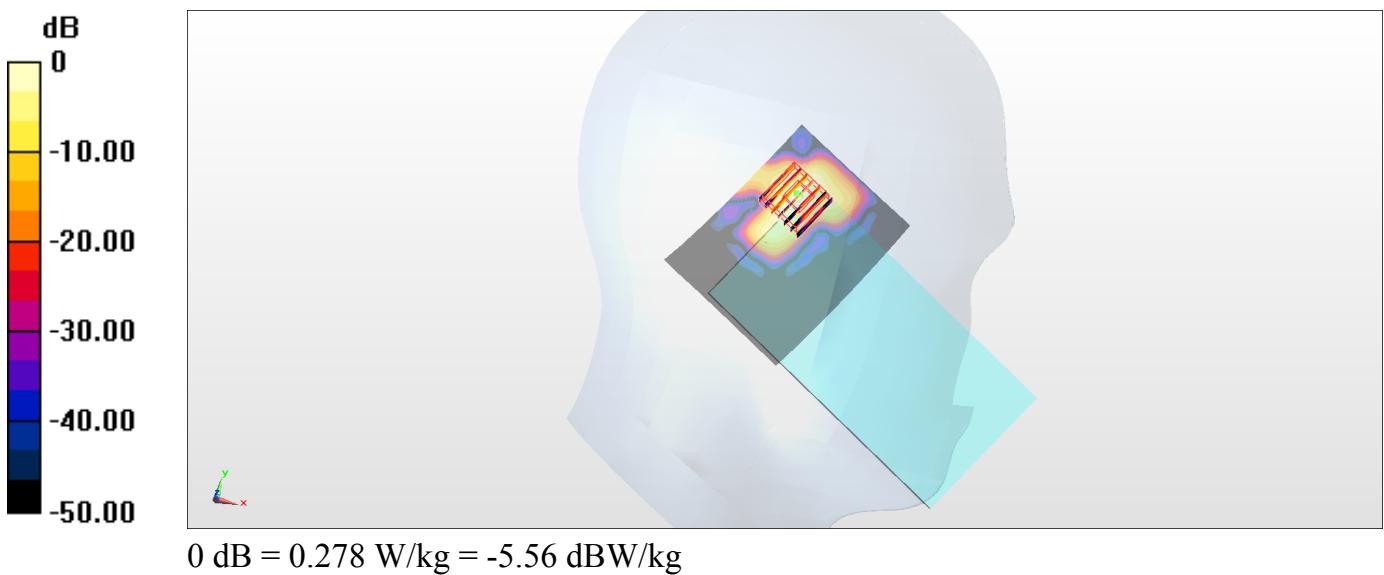
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.739 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.25 W/kg

**SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.021 W/kg**

Maximum value of SAR (measured) = 0.278 W/kg



## #21\_Bluetooth\_1Mbps\_Left Tilted\_Ch00;Ant 1

Communication System: Bluetooth ; Frequency: 2402 MHz; Duty Cycle: 1:1.297

Medium: HSL\_2450\_170612 Medium parameters used:  $f = 2402 \text{ MHz}$ ;  $\sigma = 1.756 \text{ S/m}$ ;  $\epsilon_r = 39.673$ ;

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

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °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: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (81x81x1):** Interpolated grid:  $dx=1.200 \text{ mm}$ ,  $dy=1.200 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0507 W/kg

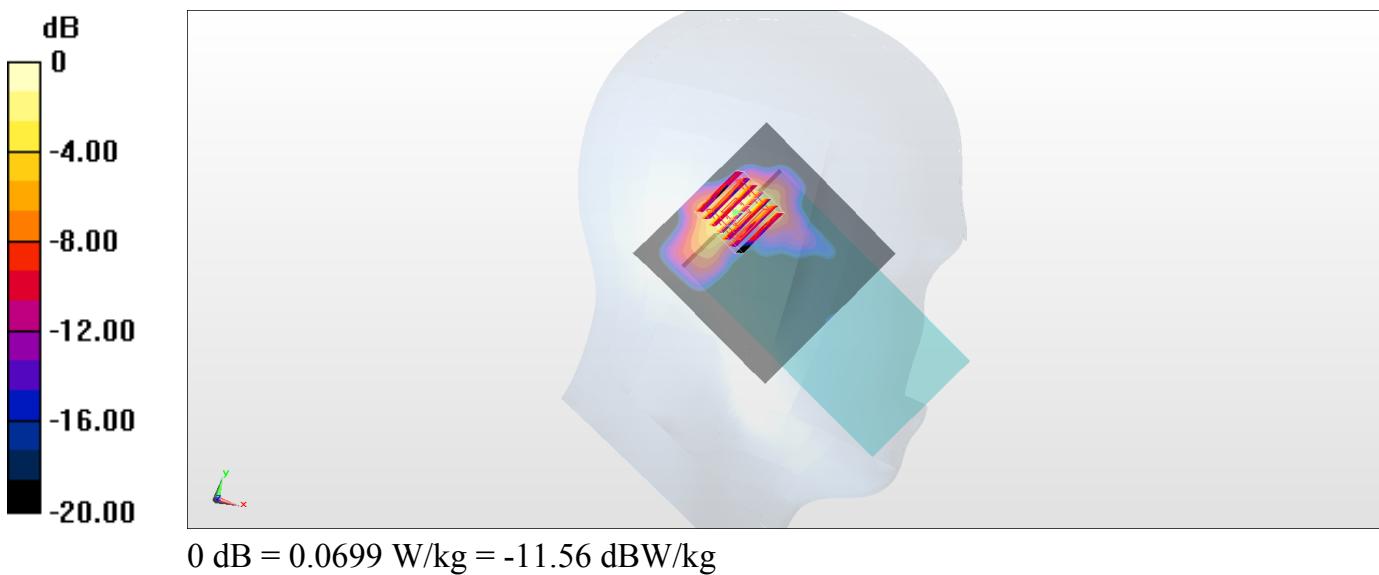
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 2.728 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.0860 W/kg

**SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.021 W/kg**

Maximum value of SAR (measured) = 0.0699 W/kg



## #22\_GSM850\_GPRS (3 Tx slots)\_Back\_10mm\_Ch251

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

Medium: MSL\_850\_170522 Medium parameters used:  $f = 849 \text{ MHz}$ ;  $\sigma = 0.98 \text{ S/m}$ ;  $\epsilon_r = 56.801$ ;  $\rho = 1000 \text{ kg/m}^3$

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(10.14, 10.14, 10.14); 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 (61x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.383 W/kg

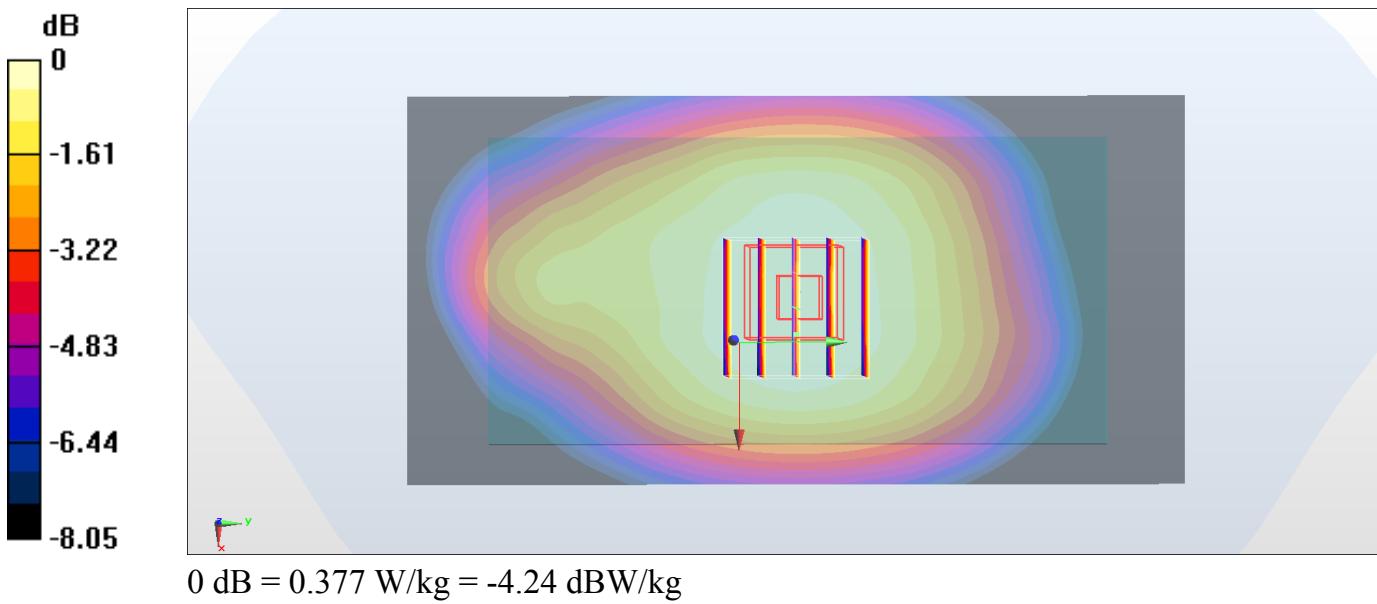
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 20.23 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.410 W/kg

**SAR(1 g) = 0.316 W/kg; SAR(10 g) = 0.247 W/kg**

Maximum value of SAR (measured) = 0.377 W/kg



## #23\_GSM1900\_GPRS (3 Tx slots)\_Bottom Side\_10mm\_Ch810

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

Medium: MSL\_1900\_170515 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.575$  S/m;  $\epsilon_r = 54.266$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °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 (41x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.549 W/kg

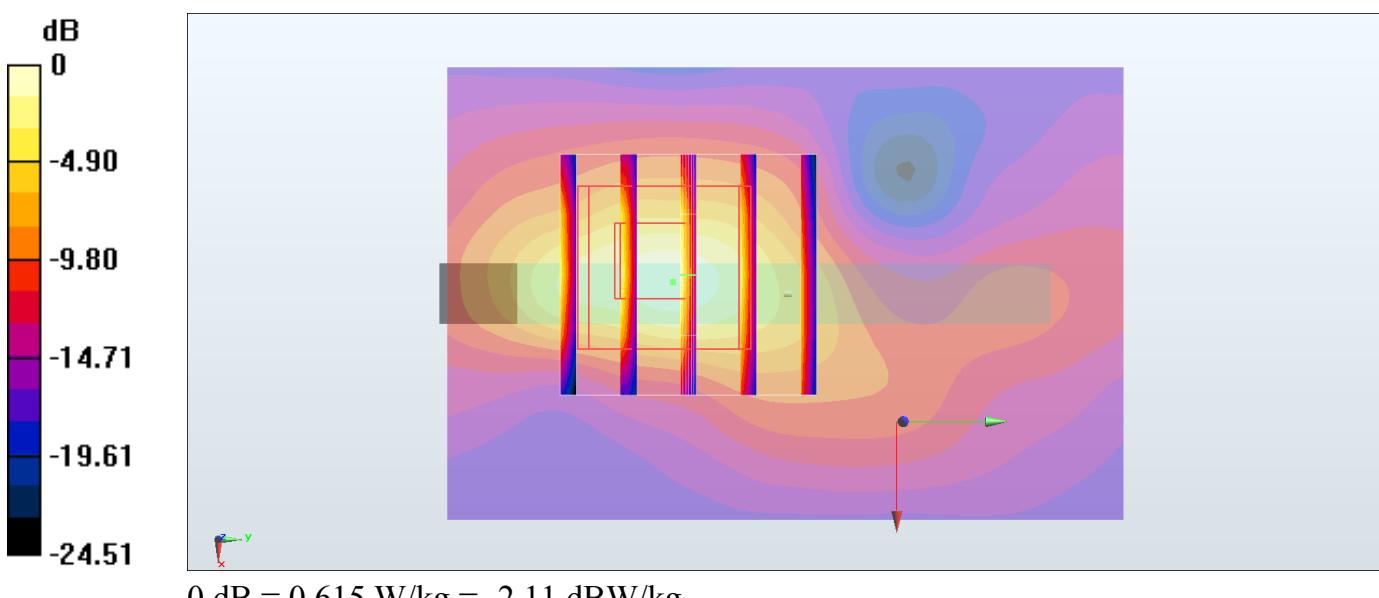
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.481 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.816 W/kg

**SAR(1 g) = 0.388 W/kg; SAR(10 g) = 0.163 W/kg**

Maximum value of SAR (measured) = 0.615 W/kg



## #24\_WCDMA II\_RMC 12.2Kbps\_Bottom Side\_10mm\_Ch9400

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1900\_170515 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.544$  S/m;  $\epsilon_r = 54.372$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °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 (41x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.858 W/kg

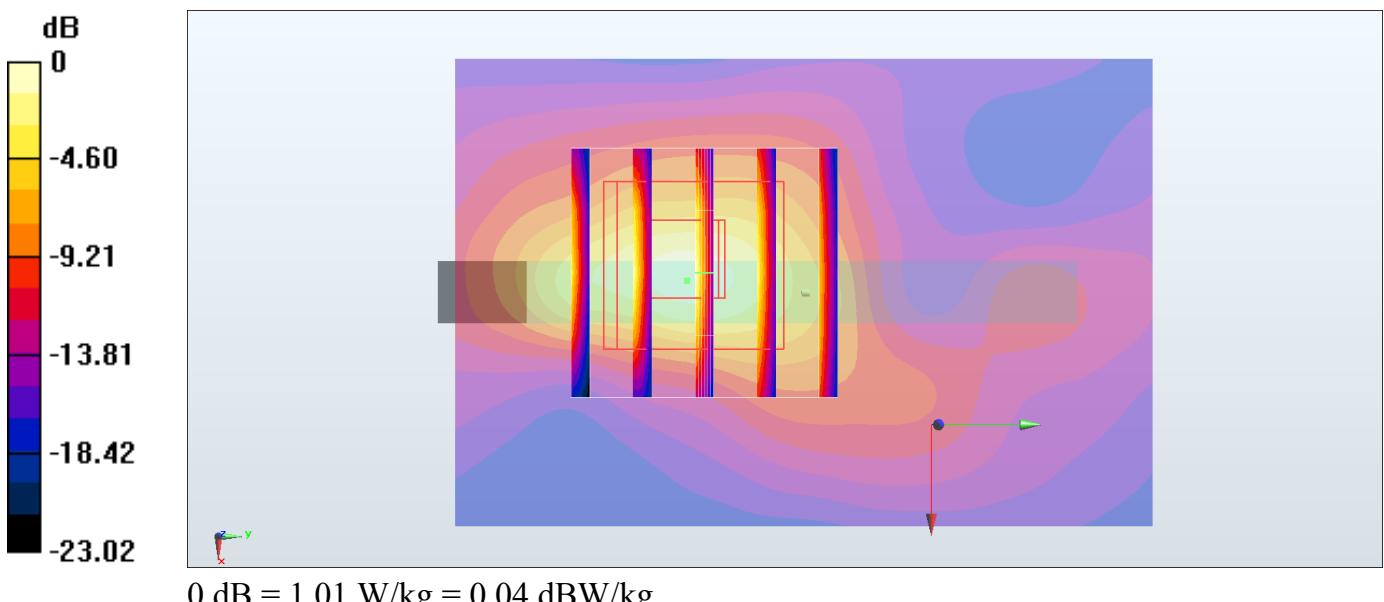
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.45 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.26 W/kg

**SAR(1 g) = 0.612 W/kg; SAR(10 g) = 0.267 W/kg**

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



## #25\_WCDMA IV\_RMC 12.2Kbps\_Bottom Side\_10mm\_Ch1413

Communication System: WCDMA ; Frequency: 1732.6 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1750\_170516 Medium parameters used:  $f = 1733 \text{ MHz}$ ;  $\sigma = 1.443 \text{ S/m}$ ;  $\epsilon_r = 54.961$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

## DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.45, 8.45, 8.45); 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 (41x61x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.622 W/kg

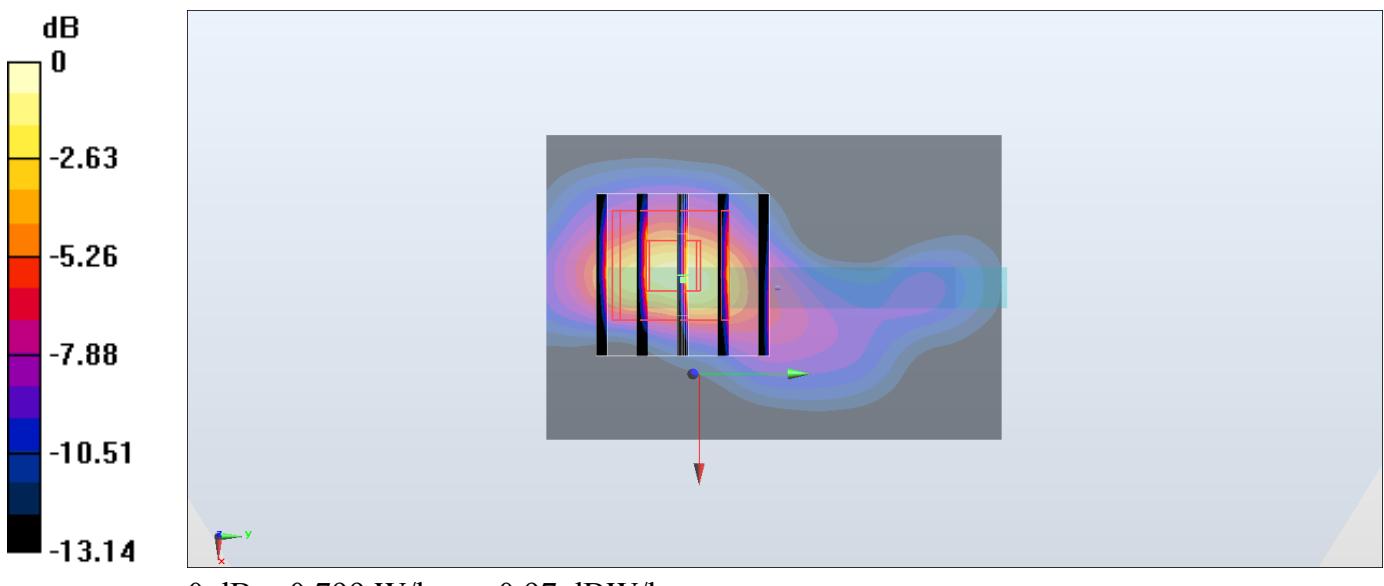
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 9.527 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.508 W/kg; SAR(10 g) = 0.215 W/kg**

Maximum value of SAR (measured) = 0.799 W/kg



## #26\_WCDMA V\_RMC 12.2Kbps\_Left Side\_10mm\_Ch4132

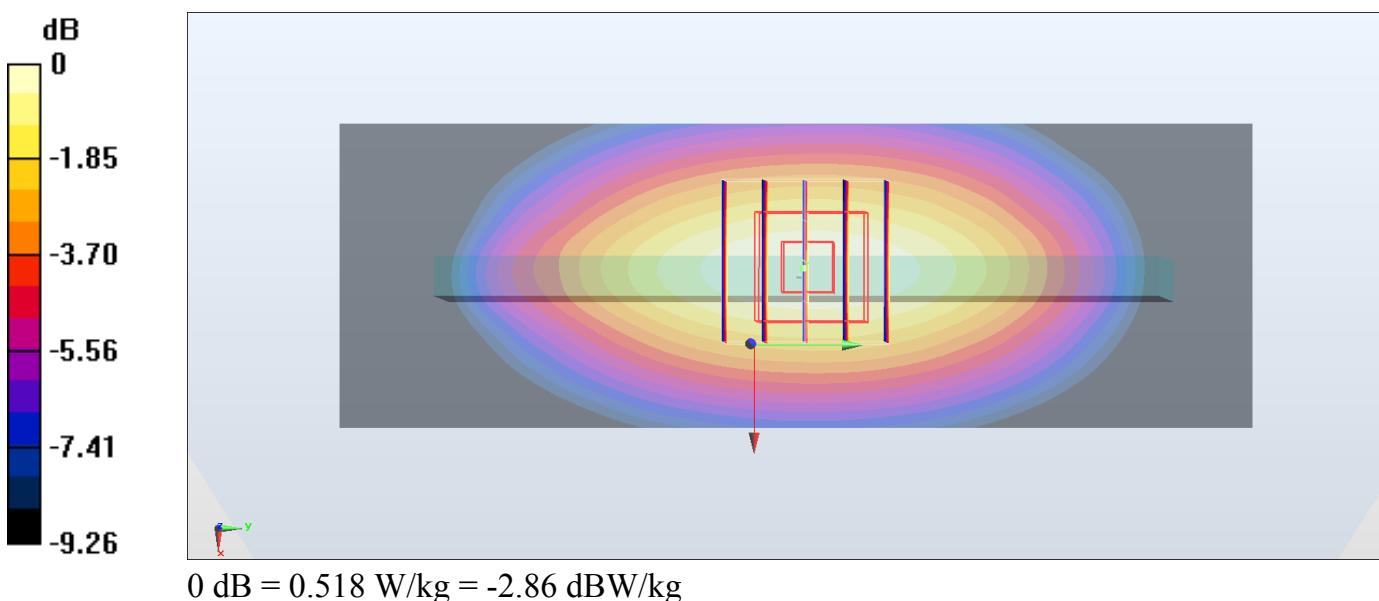
Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1  
 Medium: MSL\_850\_170522 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.96$  S/m;  $\epsilon_r = 56.979$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(10.14, 10.14, 10.14); 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 (41x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.531 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 24.25 V/m; Power Drift = 0.03 dB  
 Peak SAR (extrapolated) = 0.586 W/kg  
**SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.275 W/kg**  
 Maximum value of SAR (measured) = 0.518 W/kg



## #27\_CDMA BC0\_RTAP 153.6Kbps\_Left Side\_10mm\_Ch1013

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1  
 Medium: MSL\_850\_170522 Medium parameters used:  $f = 825 \text{ MHz}$ ;  $\sigma = 0.959 \text{ S/m}$ ;  $\epsilon_r = 56.991$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(10.14, 10.14, 10.14); 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 (41x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.466 W/kg

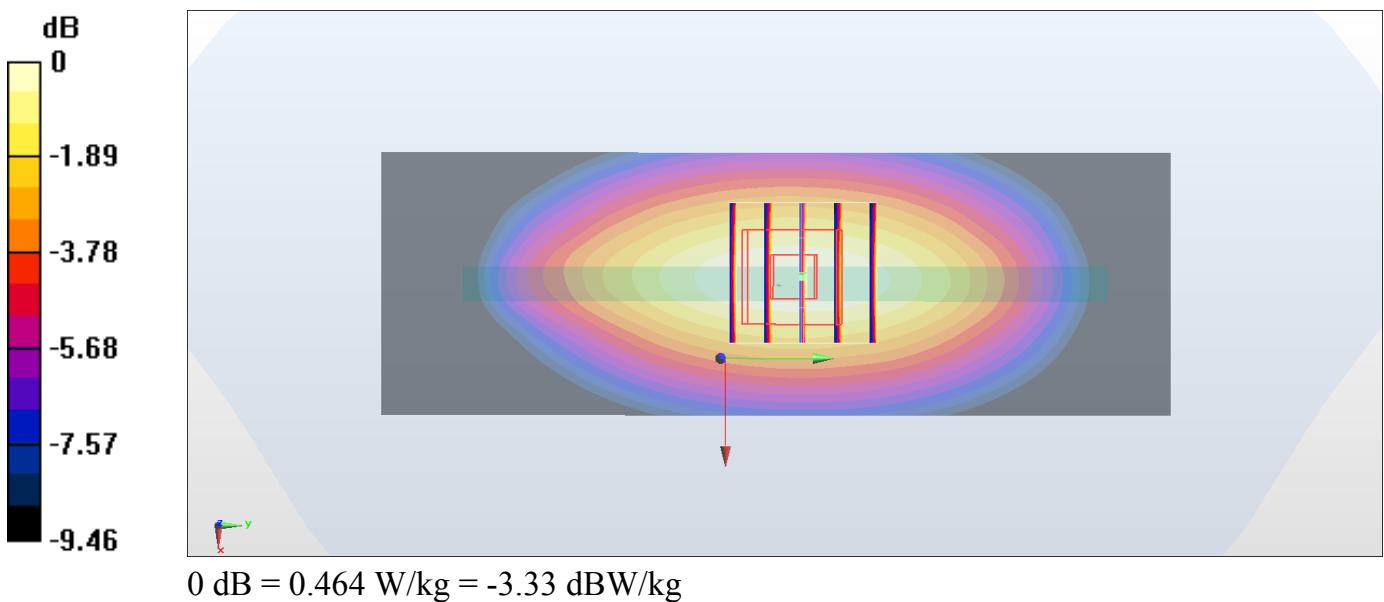
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 22.91 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.527 W/kg

**SAR(1 g) = 0.357 W/kg; SAR(10 g) = 0.246 W/kg**

Maximum value of SAR (measured) = 0.464 W/kg



## #28\_CDMA BC1\_RTAP 153.6Kbps\_Bottom Side\_10mm\_Ch1175

Communication System: CDMA ; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1900\_170515 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.574$  S/m;  $\epsilon_r = 54.269$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °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 (41x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.764 W/kg

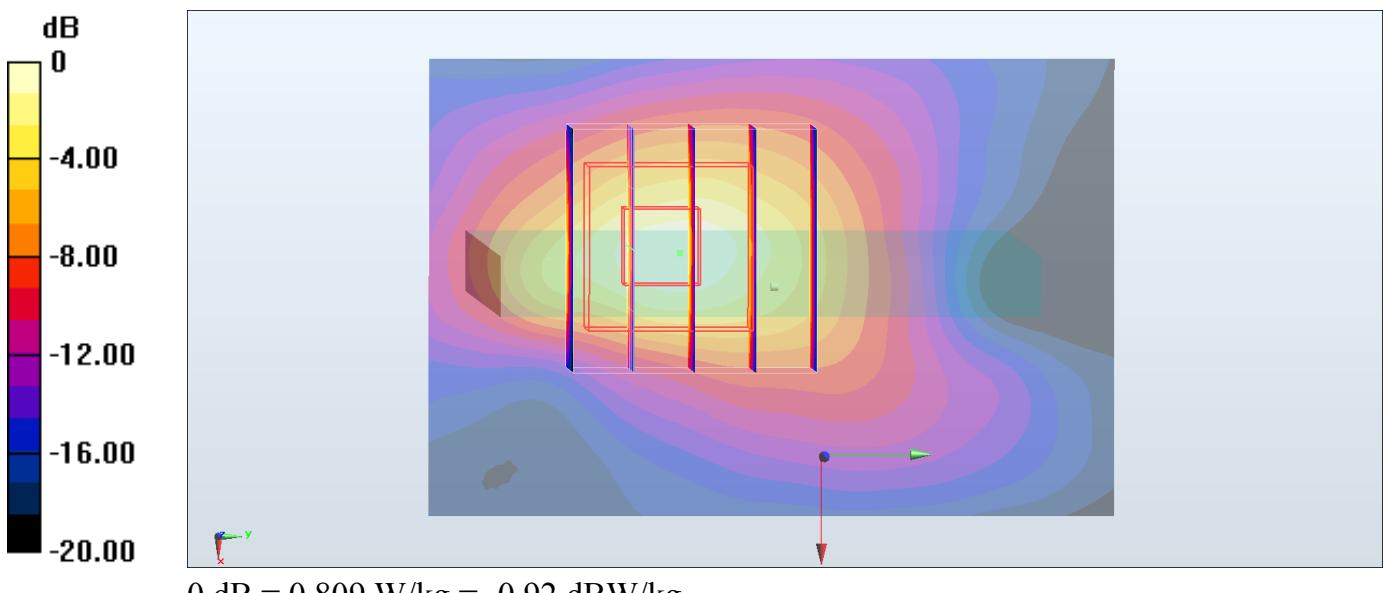
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.47 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.501 W/kg; SAR(10 g) = 0.235 W/kg**

Maximum value of SAR (measured) = 0.809 W/kg



## #29\_CDMA BC10\_RTAP 153.6Kbps\_Left Side\_10mm\_Ch580

Communication System: CDMA ; Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_170522 Medium parameters used:  $f = 820.5 \text{ MHz}$ ;  $\sigma = 0.955 \text{ S/m}$ ;  $\epsilon_r = 57.031$ ;  $\rho = 1000 \text{ kg/m}^3$

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(10.14, 10.14, 10.14); 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 (41x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.480 W/kg

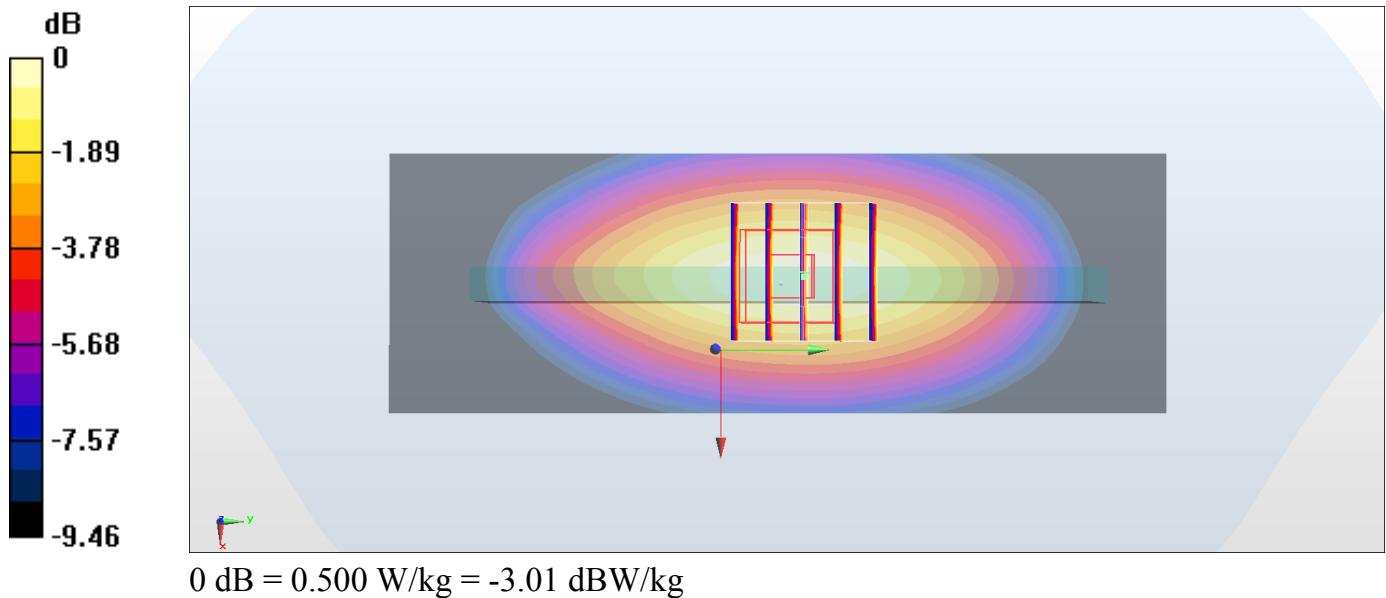
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 23.49 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.566 W/kg

**SAR(1 g) = 0.383 W/kg; SAR(10 g) = 0.265 W/kg**

Maximum value of SAR (measured) = 0.500 W/kg



## #30\_LTE Band 7\_20M\_QPSK\_1\_0\_Bottom Side\_10mm\_Ch20850

Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1  
 Medium: MSL\_2600\_170513 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.997$  S/m;  $\epsilon_r = 53.728$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.46, 7.46, 7.46); 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 (51x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.858 W/kg

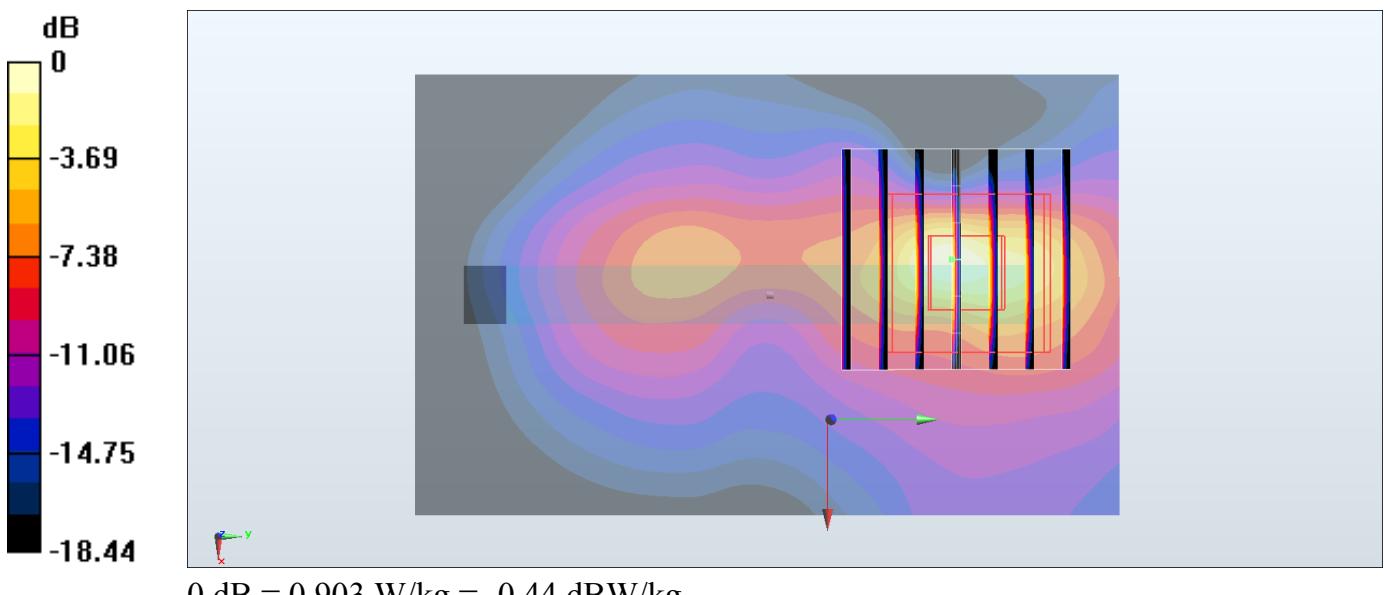
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.978 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.34 W/kg

**SAR(1 g) = 0.531 W/kg; SAR(10 g) = 0.188 W/kg**

Maximum value of SAR (measured) = 0.903 W/kg



**#31\_LTE Band 12\_10M\_QPSK\_1\_49\_Back\_10mm\_Ch23095**

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

Medium: MSL\_750\_170524 Medium parameters used:  $f = 707.5 \text{ MHz}$ ;  $\sigma = 0.936 \text{ S/m}$ ;  $\epsilon_r = 55.967$ ;  $\rho = 1000 \text{ kg/m}^3$

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3931; ConvF(10.37, 10.37, 10.37); 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 (61x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.268 W/kg

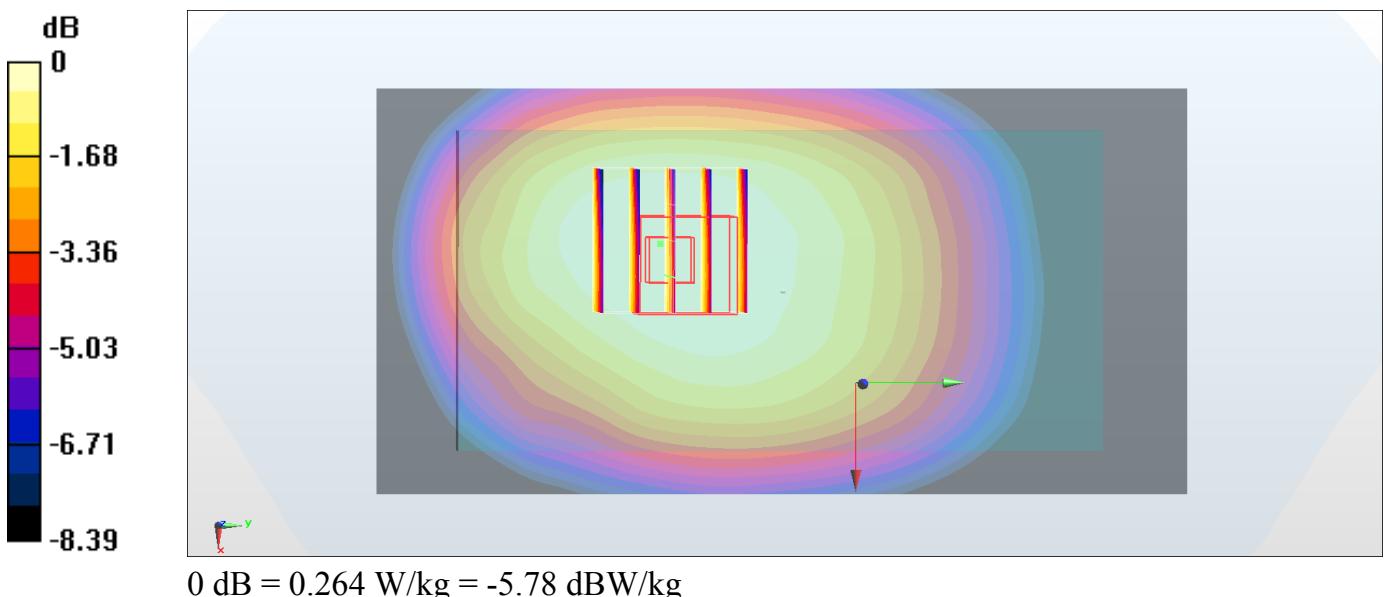
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 17.46 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.284 W/kg

**SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.183 W/kg**

Maximum value of SAR (measured) = 0.264 W/kg



## #32\_LTE Band 13\_10M\_QPSK\_1\_25\_Left Side\_10mm\_Ch23230

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

Medium: MSL\_750\_170524 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 1.007 \text{ S/m}$ ;  $\epsilon_r = 55.181$ ;  $\rho = 1000 \text{ kg/m}^3$

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(10.37, 10.37, 10.37); 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 (41x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.452 W/kg

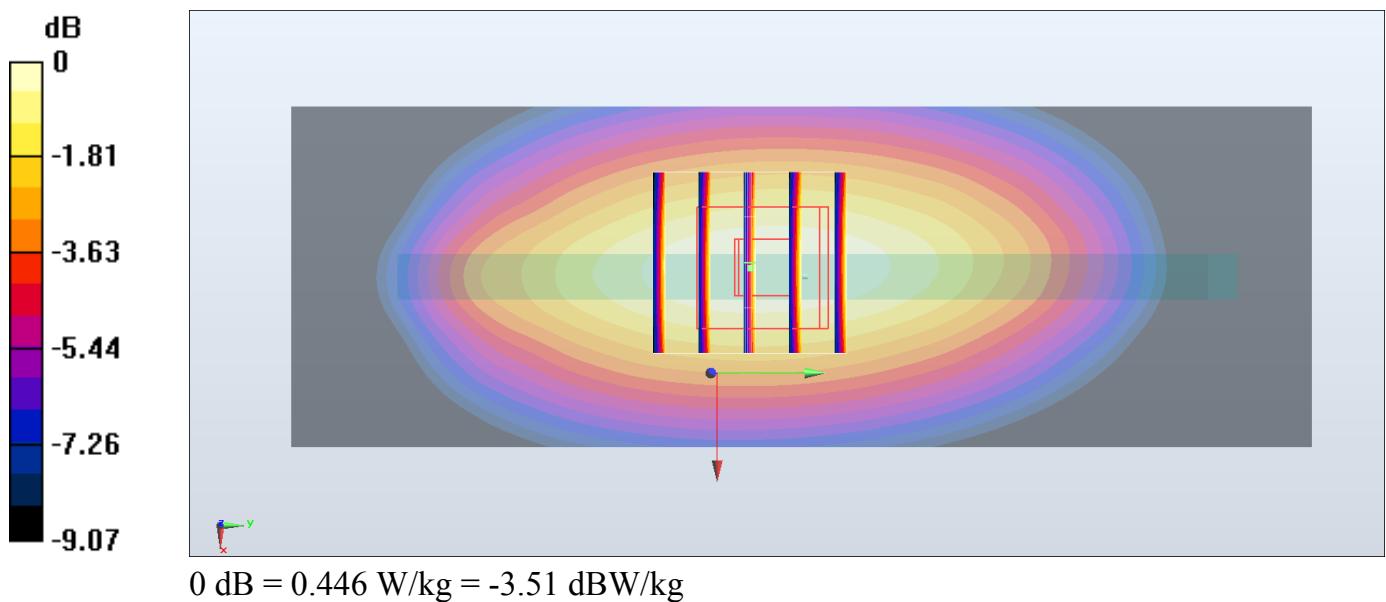
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 18.04 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.503 W/kg

**SAR(1 g) = 0.342 W/kg; SAR(10 g) = 0.239 W/kg**

Maximum value of SAR (measured) = 0.446 W/kg



## #33\_LTE Band 25\_20M\_QPSK\_1\_0\_Bottom Side\_10mm\_Ch26140

Communication System: LTE ; Frequency: 1860 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1900\_170515 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.525$  S/m;  $\epsilon_r = 54.447$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °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 (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.903 W/kg

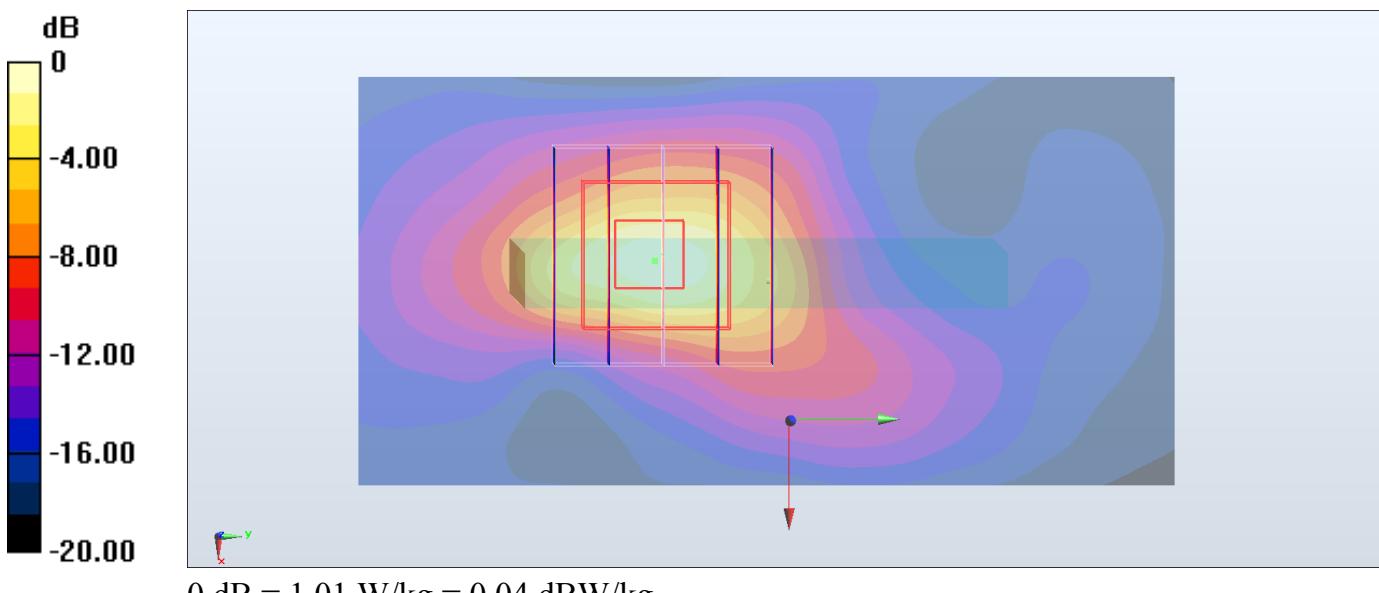
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.919 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.23 W/kg

**SAR(1 g) = 0.604 W/kg; SAR(10 g) = 0.270 W/kg**

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



## #34\_LTE Band 26\_15M\_QPSK\_1\_74\_Left Side\_10mm\_Ch26865

Communication System: LTE ; Frequency: 831.5 MHz; Duty Cycle: 1:1  
 Medium: MSL\_850\_170522 Medium parameters used:  $f = 831.5 \text{ MHz}$ ;  $\sigma = 0.965 \text{ S/m}$ ;  $\epsilon_r = 56.937$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(10.14, 10.14, 10.14); 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 (41x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.391 W/kg

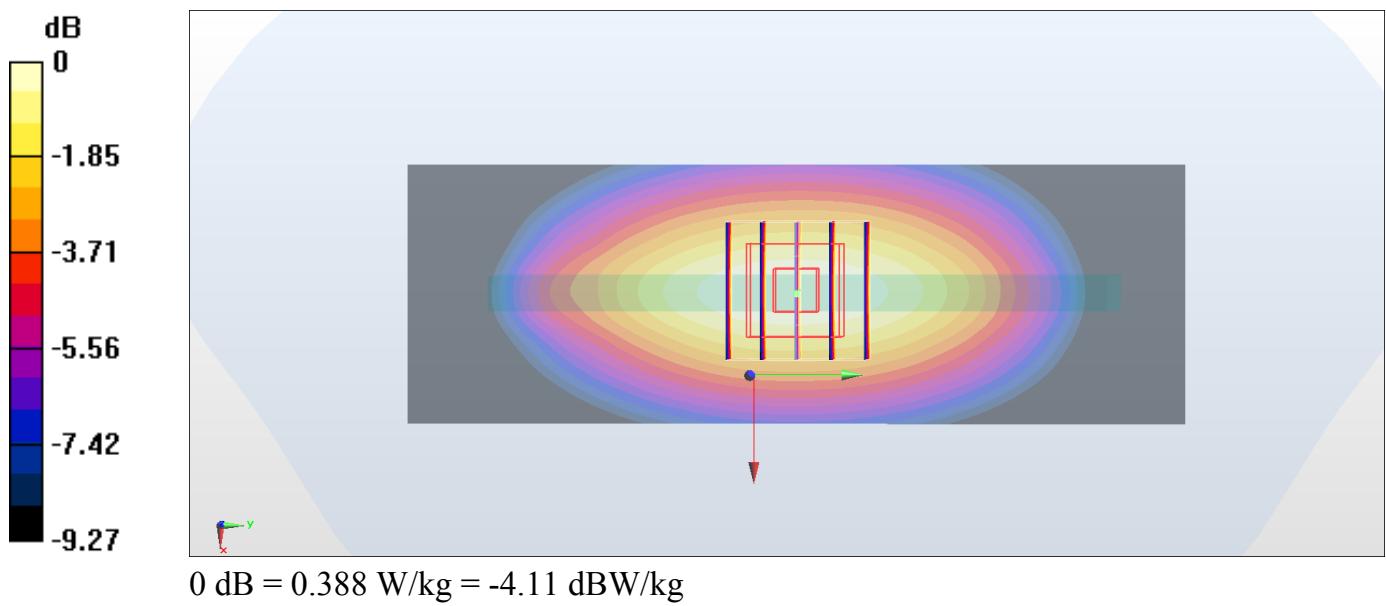
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 21.52 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.438 W/kg

**SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.208 W/kg**

Maximum value of SAR (measured) = 0.388 W/kg



## #35\_LTE Band 30\_10M\_QPSK\_1\_25\_Bottom Side\_10mm\_Ch27710

Communication System: LTE ; Frequency: 2310 MHz; Duty Cycle: 1:1  
 Medium: MSL\_2300\_170514 Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.777$  S/m;  $\epsilon_r = 53.663$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.96, 7.96, 7.96); 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 (51x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
 Maximum value of SAR (interpolated) = 0.522 W/kg

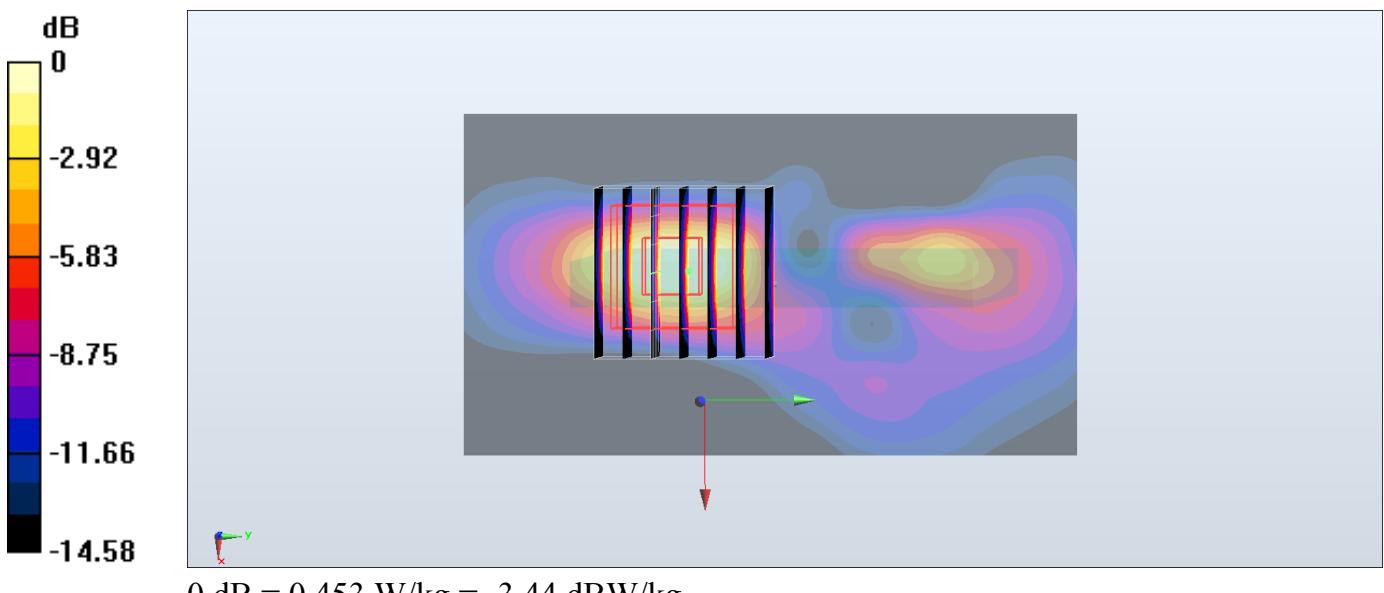
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.31 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.563 W/kg

**SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.118 W/kg**

Maximum value of SAR (measured) = 0.453 W/kg



## #36\_LTE Band 66\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch132572

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

Medium: MSL\_1750\_170516 Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.478$  S/m;  $\epsilon_r = 54.89$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.45, 8.45, 8.45); 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 (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.622 W/kg

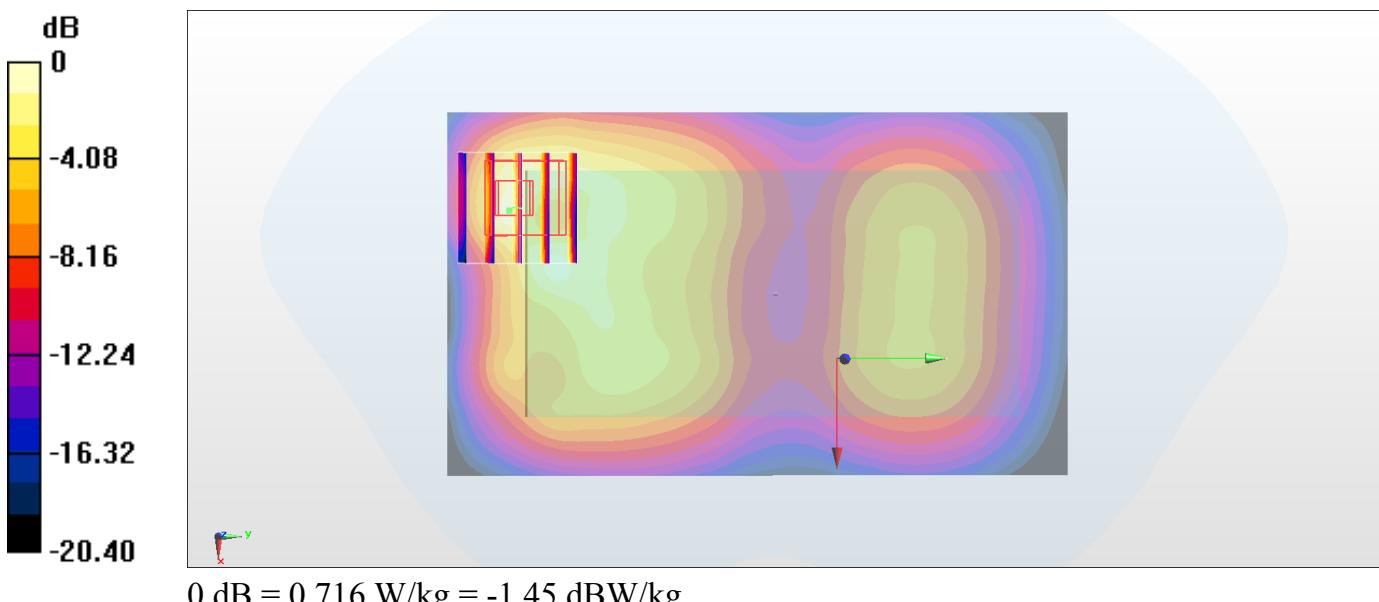
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.04 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.831 W/kg

**SAR(1 g) = 0.449 W/kg; SAR(10 g) = 0.231 W/kg**

Maximum value of SAR (measured) = 0.716 W/kg



**#37\_LTE Band 41\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch41055**

Communication System: LTE-TDD; Frequency: 2636.5 MHz; Duty Cycle: 1:1.59  
Medium: MSL\_2600\_170513 Medium parameters used:  $f = 2636.5$  MHz;  $\sigma = 2.176$  S/m;  $\epsilon_r = 53.24$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

**DASY5 Configuration**

- Probe: EX3DV4 - SN3931; ConvF(7.46, 7.46, 7.46); 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 (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.661 W/kg

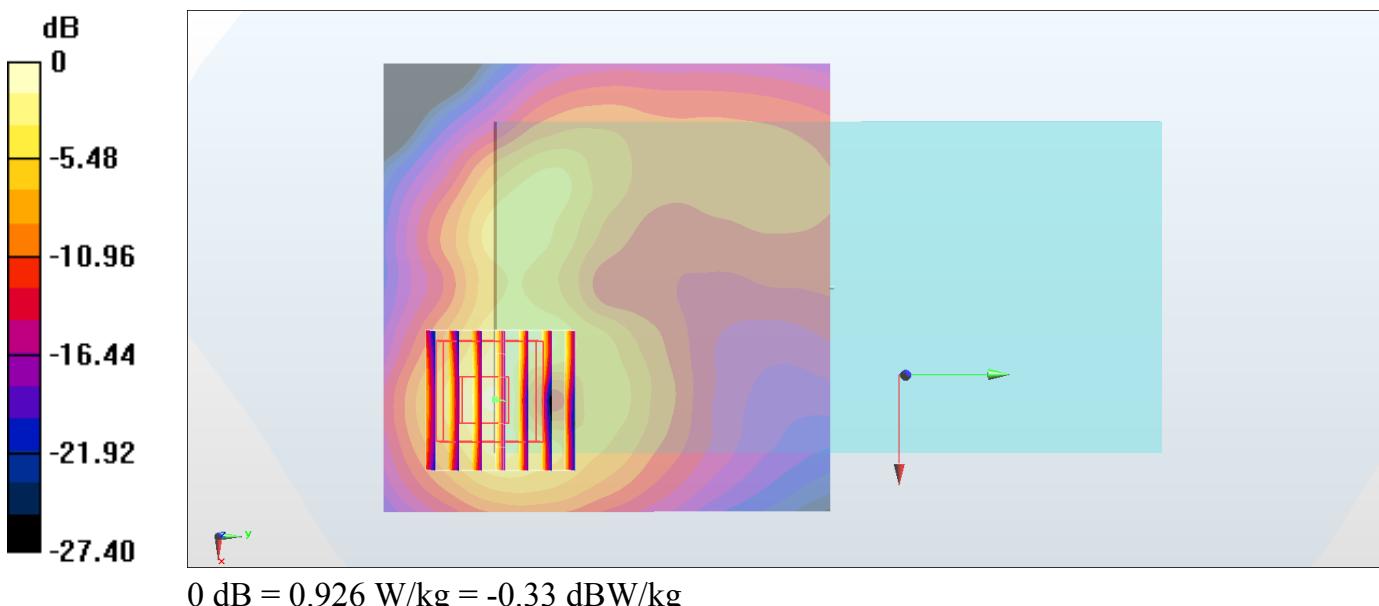
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.18 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.548 W/kg; SAR(10 g) = 0.233 W/kg**

Maximum value of SAR (measured) = 0.926 W/kg



## #38\_WLAN2.4GHz\_802.11b 1Mbps\_Top Side\_10mm\_Ch1;Ant 1

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

Medium: MSL\_2450\_170612 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.948 \text{ S/m}$ ;  $\epsilon_r = 54.789$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °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: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (51x91x1):** Interpolated grid:  $dx=1.200 \text{ mm}$ ,  $dy=1.200 \text{ mm}$

Maximum value of SAR (interpolated) = 0.118 W/kg

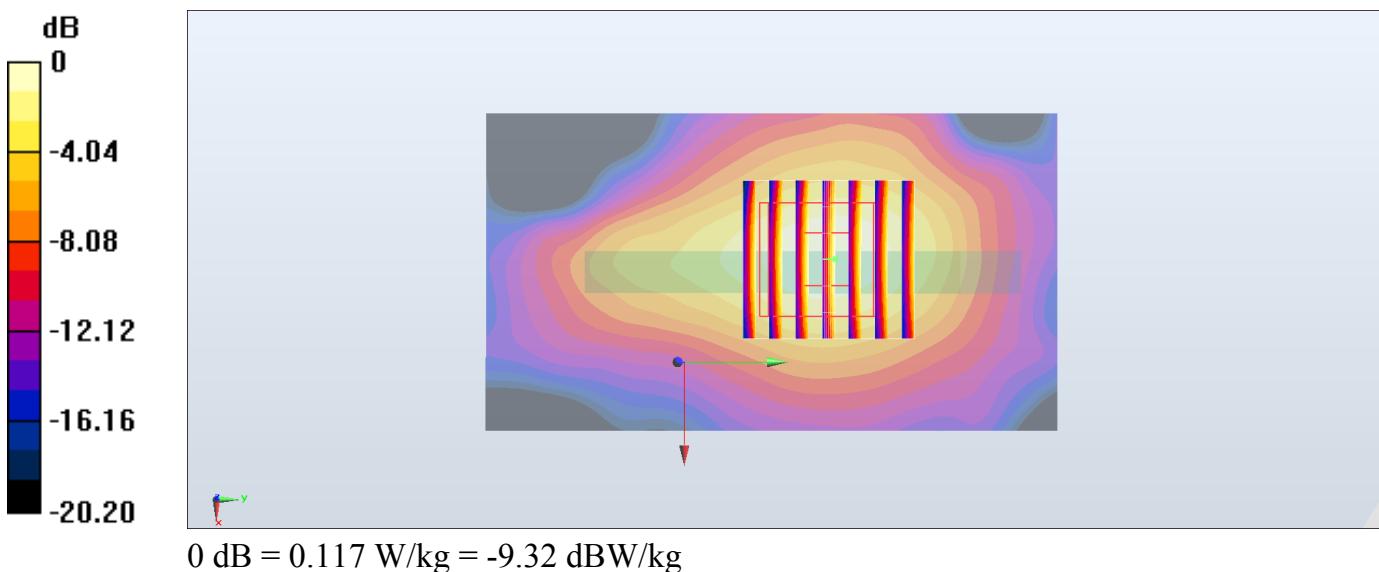
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 7.151 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.139 W/kg

**SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.042 W/kg**

Maximum value of SAR (measured) = 0.117 W/kg



**#39\_WLAN5GHz\_802.11n-HT40 MCS0\_Back\_10mm\_Ch38;Ant 1**

Communication System: 802.11n ; Frequency: 5190 MHz; Duty Cycle: 1:1.114

Medium: MSL\_5G\_170612 Medium parameters used:  $f = 5190 \text{ MHz}$ ;  $\sigma = 5.374 \text{ S/m}$ ;  $\epsilon_r = 46.938$ ;  $\rho = 1000 \text{ kg/m}^3$

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3931; ConvF(4.57, 4.57, 4.57); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (101x121x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0691 W/kg

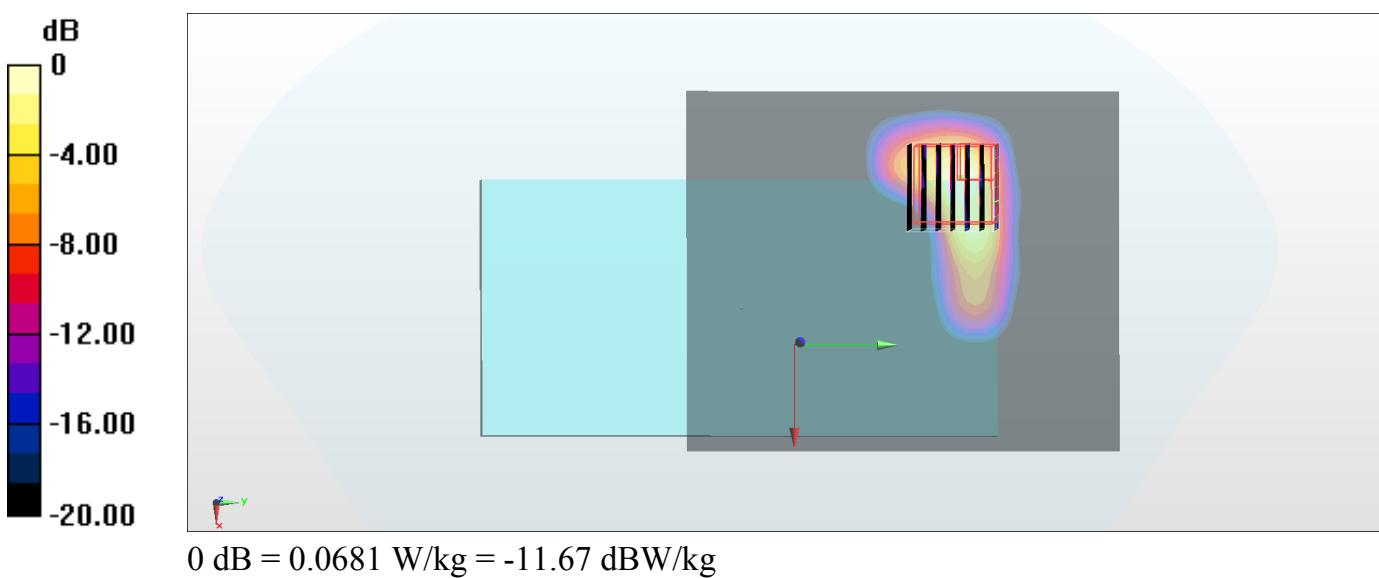
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value = 0.5730 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.114 W/kg

**SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00473 W/kg**

Maximum value of SAR (measured) = 0.0681 W/kg



**#40\_WLAN5GHz\_802.11n-HT40 MCS0\_Back\_10mm\_Ch151;Ant 1**

Communication System: 802.11n ; Frequency: 5755 MHz; Duty Cycle: 1:1.114

Medium: MSL\_5G\_170612 Medium parameters used:  $f = 5755 \text{ MHz}$ ;  $\sigma = 6.116 \text{ S/m}$ ;  $\epsilon_r = 45.981$ ;  $\rho = 1000 \text{ kg/m}^3$

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3931; ConvF(4.01, 4.01, 4.01); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (101x121x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0612 W/kg

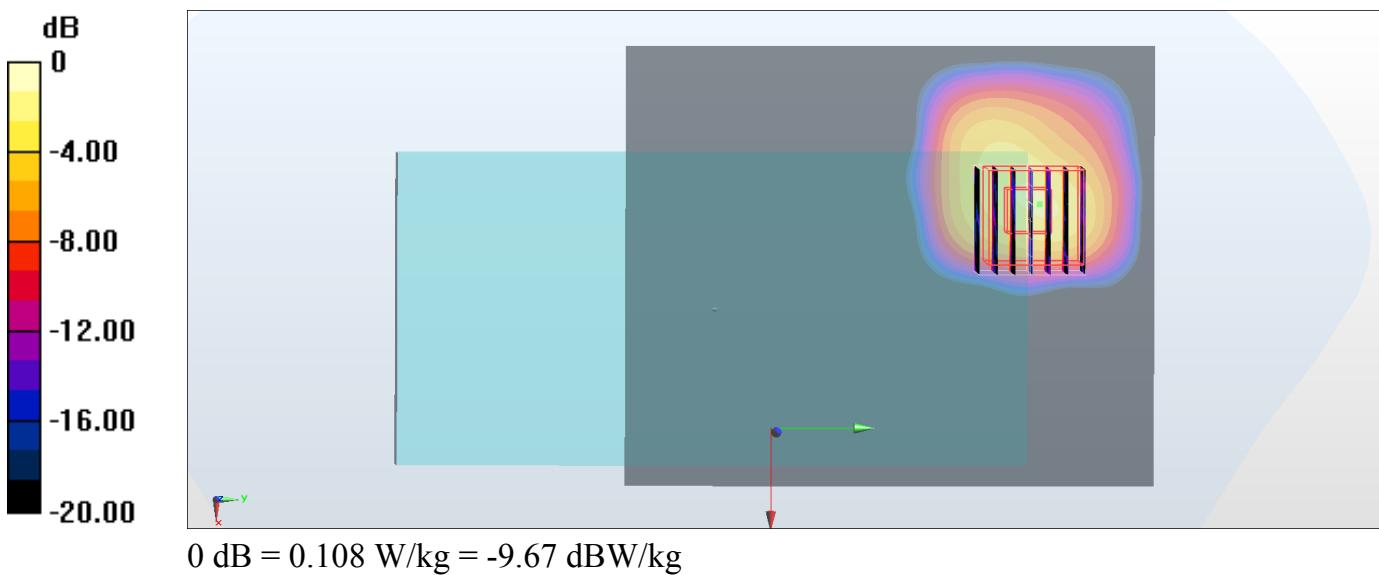
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value = 4.965 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.178 W/kg

**SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.014 W/kg**

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



## #41\_GSM850\_GPRS (3 Tx slots)\_Back\_10mm\_Ch251

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

Medium: MSL\_850\_170522 Medium parameters used:  $f = 849 \text{ MHz}$ ;  $\sigma = 0.98 \text{ S/m}$ ;  $\epsilon_r = 56.801$ ;  $\rho = 1000 \text{ kg/m}^3$

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(10.14, 10.14, 10.14); 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 (61x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.383 W/kg

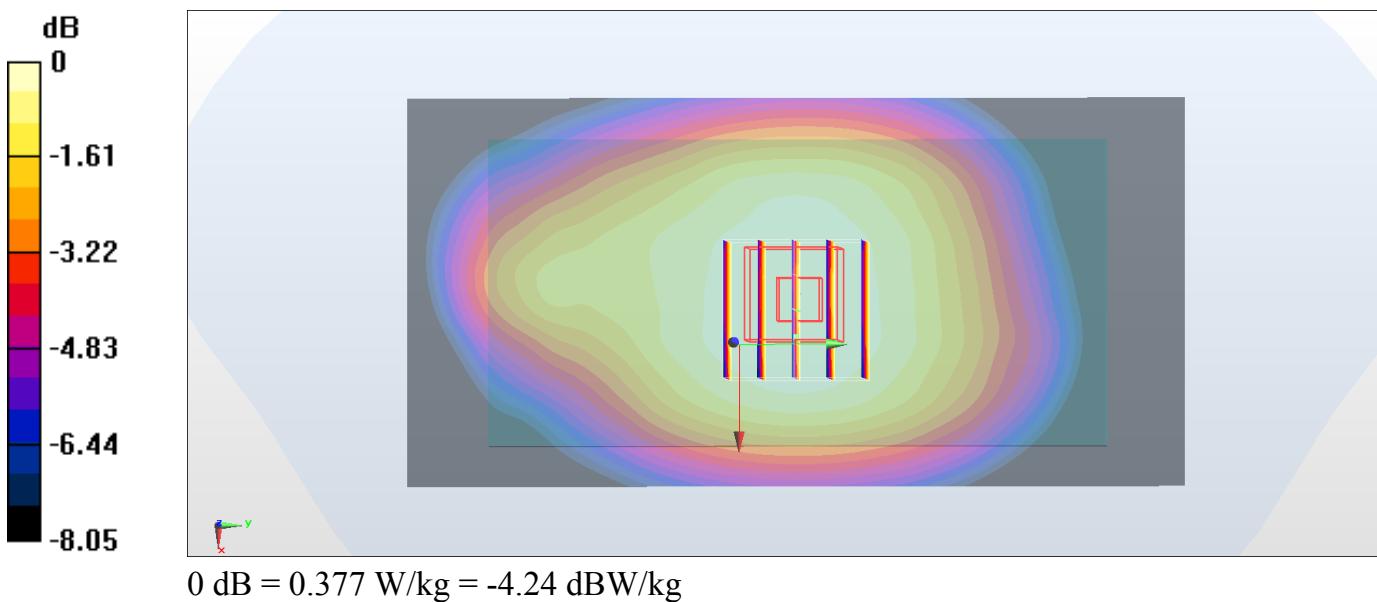
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 20.23 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.410 W/kg

**SAR(1 g) = 0.316 W/kg; SAR(10 g) = 0.247 W/kg**

Maximum value of SAR (measured) = 0.377 W/kg



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

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

Medium: MSL\_1900\_170515 Medium parameters used:  $f = 1910 \text{ MHz}$ ;  $\sigma = 1.575 \text{ S/m}$ ;  $\epsilon_r = 54.266$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °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 (61x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.601 W/kg

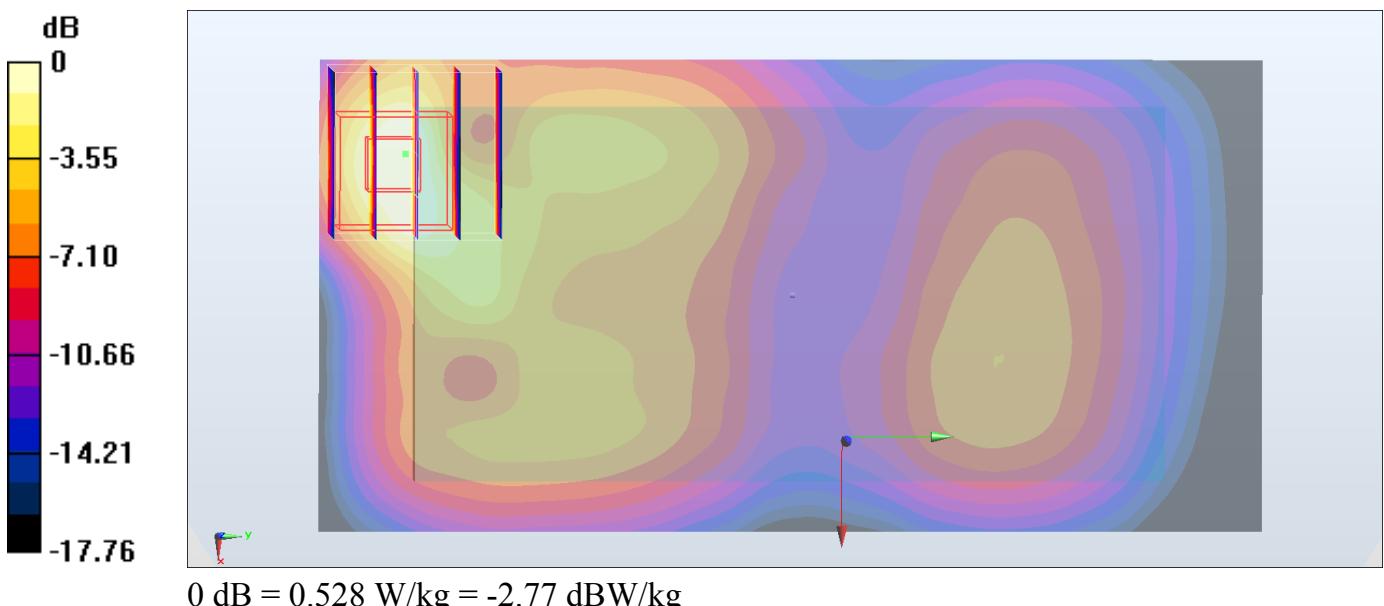
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 13.62 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.714 W/kg

**SAR(1 g) = 0.369 W/kg; SAR(10 g) = 0.176 W/kg**

Maximum value of SAR (measured) = 0.528 W/kg



## #43\_WCDMA II\_RMC 12.2Kbps\_Back\_10mm\_Ch9400

Communication System: WCDMA ; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1900\_170515 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.544$  S/m;  $\epsilon_r = 54.372$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °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 (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.955 W/kg

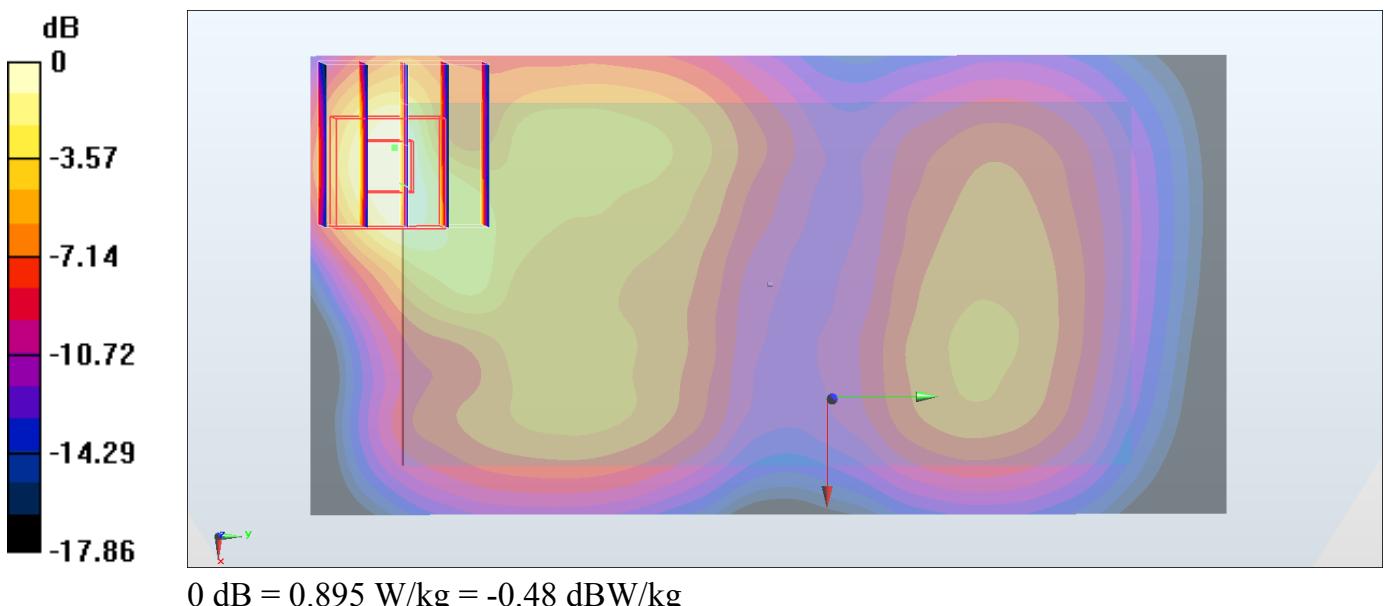
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.84 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.597 W/kg; SAR(10 g) = 0.289 W/kg**

Maximum value of SAR (measured) = 0.895 W/kg



## #44\_WCDMA IV\_RMC 12.2Kbps\_Back\_10mm\_Ch1413

Communication System: WCDMA ; Frequency: 1732.6 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1750\_170516 Medium parameters used:  $f = 1733 \text{ MHz}$ ;  $\sigma = 1.443 \text{ S/m}$ ;  $\epsilon_r = 54.961$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.45, 8.45, 8.45); 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 (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.905 W/kg

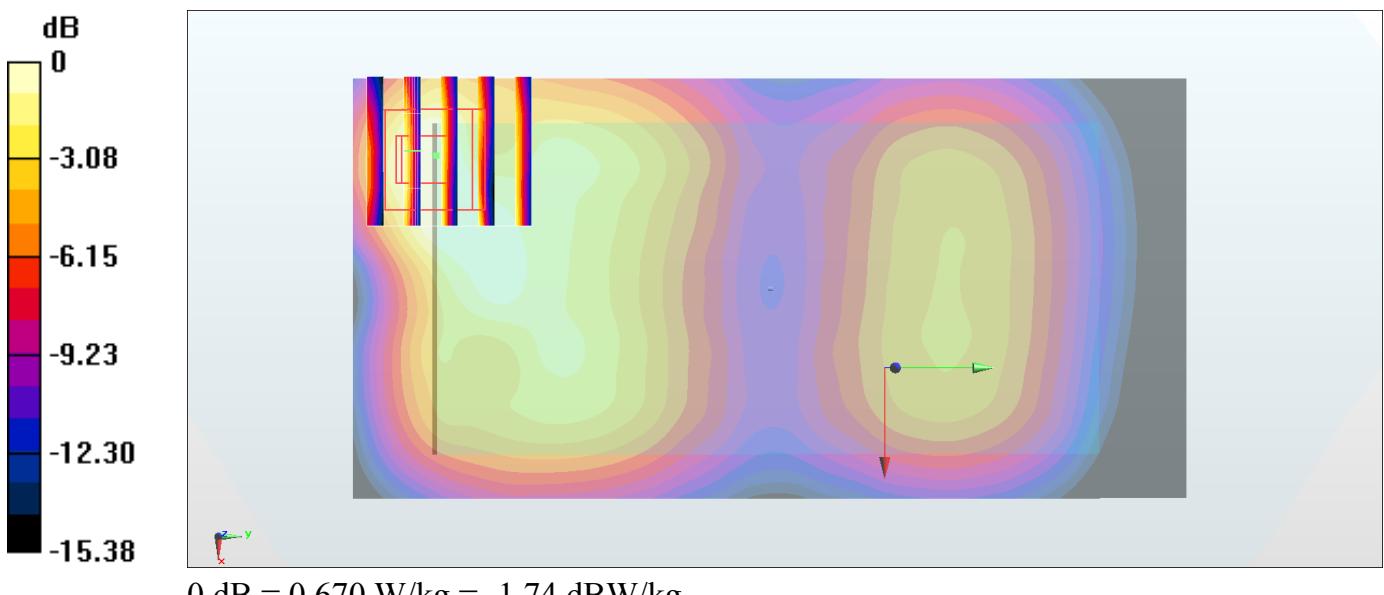
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.57 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.933 W/kg

**SAR(1 g) = 0.500 W/kg; SAR(10 g) = 0.257 W/kg**

Maximum value of SAR (measured) = 0.670 W/kg



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

Communication System: WCDMA ; Frequency: 826.4 MHz; Duty Cycle: 1:1  
 Medium: MSL\_850\_170522 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.96$  S/m;  $\epsilon_r = 56.979$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(10.14, 10.14, 10.14); 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 (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

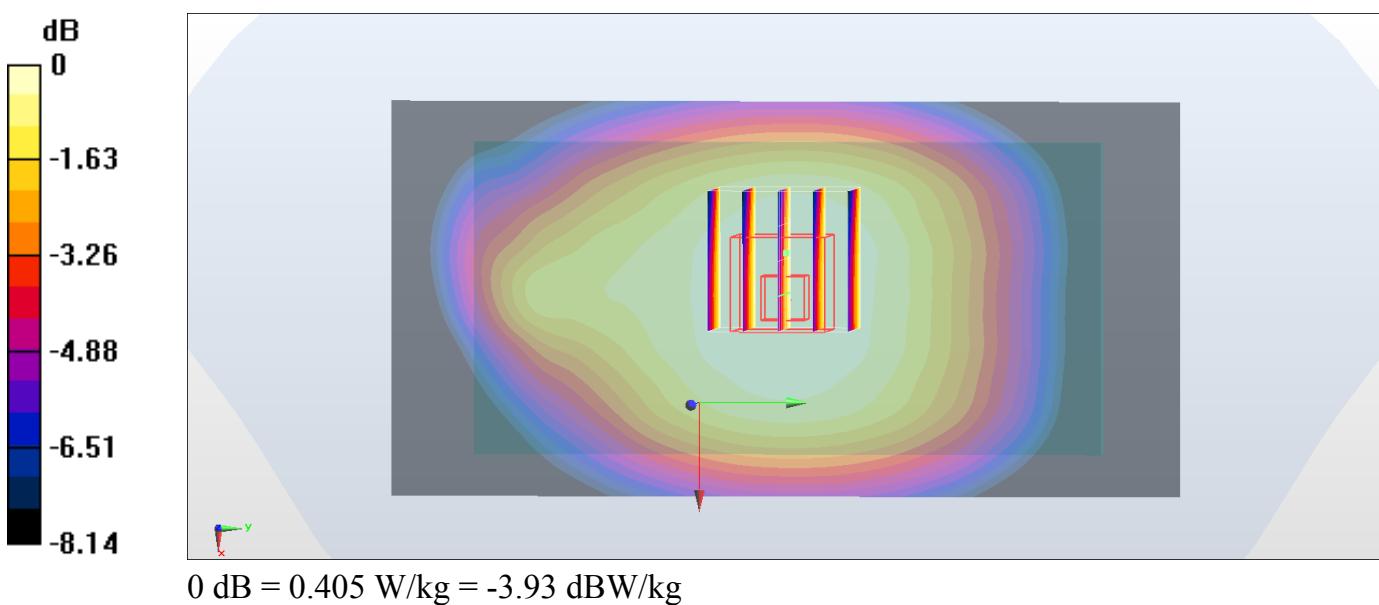
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.27 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.439 W/kg

**SAR(1 g) = 0.342 W/kg; SAR(10 g) = 0.268 W/kg**

Maximum value of SAR (measured) = 0.405 W/kg



## #46 CDMA BC0 1xRTT RC3 SO32 Back 10mm Ch1013

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1  
 Medium: MSL\_850\_170522 Medium parameters used:  $f = 825 \text{ MHz}$ ;  $\sigma = 0.959 \text{ S/m}$ ;  $\epsilon_r = 56.991$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(10.14, 10.14, 10.14); 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 (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.278 W/kg

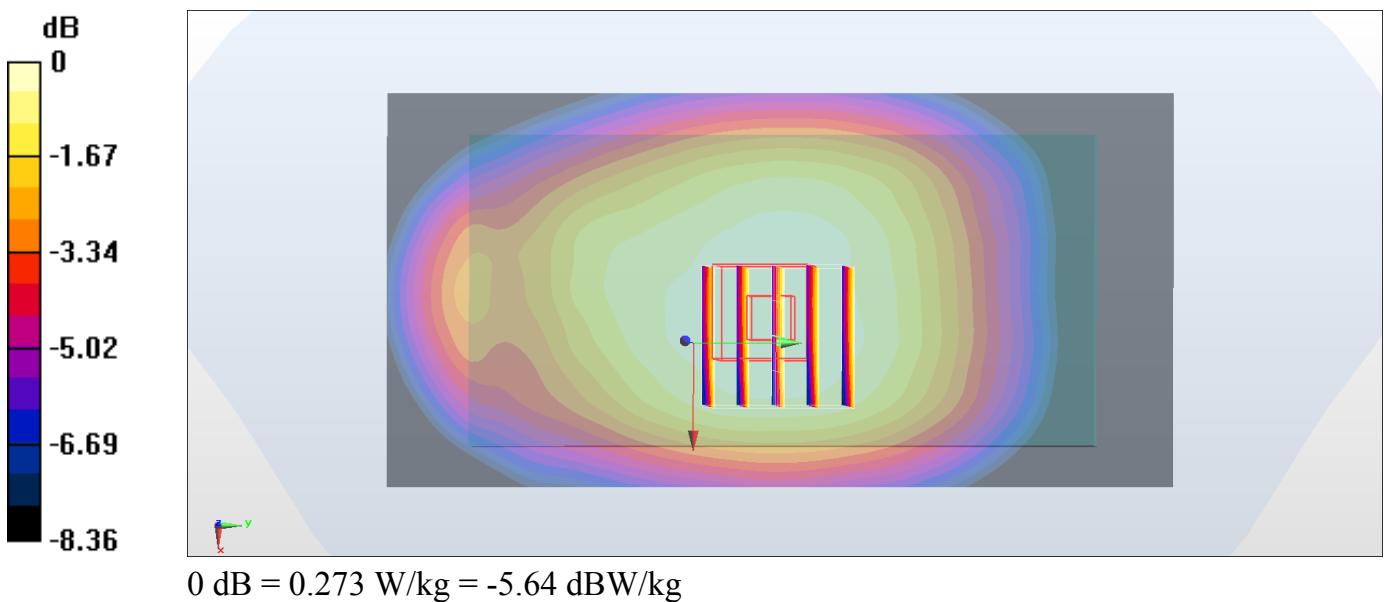
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.54 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.299 W/kg

**SAR(1 g) = 0.229 W/kg; SAR(10 g) = 0.180 W/kg**

Maximum value of SAR (measured) = 0.273 W/kg



## #47 CDMA BC1 1xRTT RC3 SO32 Back 10mm Ch1175

Communication System: CDMA ; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1900\_170515 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.574$  S/m;  $\epsilon_r = 54.269$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °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 (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.858 W/kg

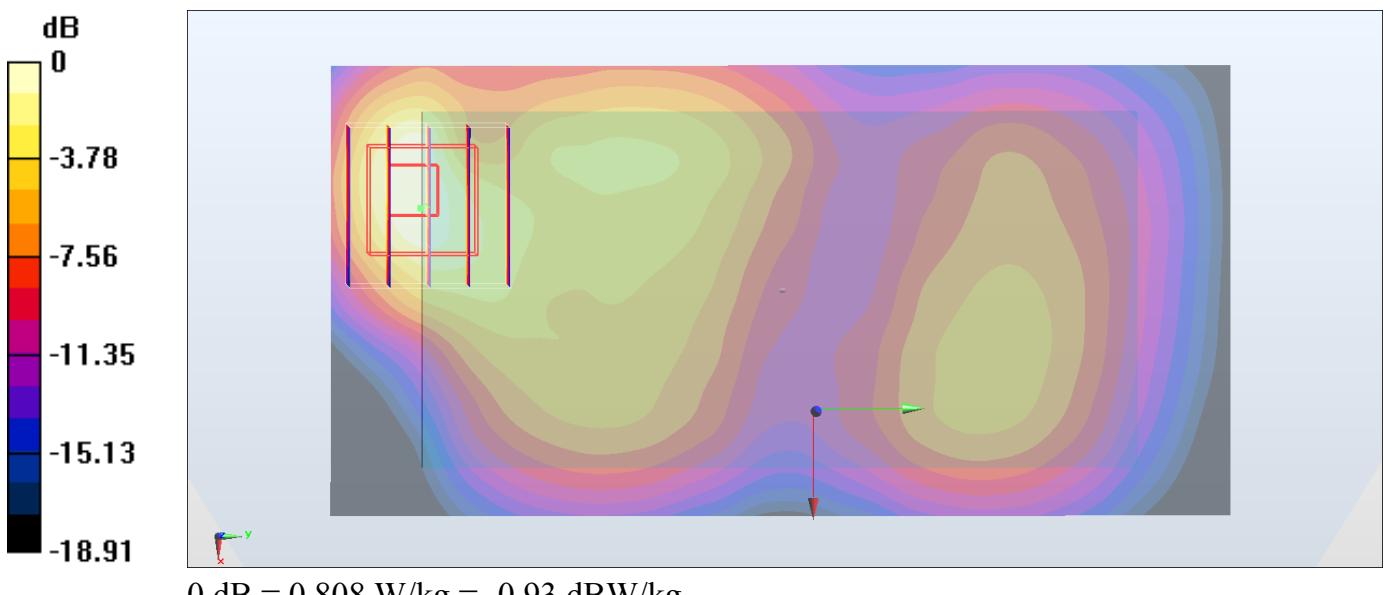
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.96 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.544 W/kg; SAR(10 g) = 0.274 W/kg**

Maximum value of SAR (measured) = 0.808 W/kg



**#48 CDMA BC10 1xRTT RC3 SO32 Back 10mm Ch580**

Communication System: CDMA ; Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_170522 Medium parameters used:  $f = 820.5 \text{ MHz}$ ;  $\sigma = 0.955 \text{ S/m}$ ;  $\epsilon_r = 57.031$ ;  $\rho = 1000 \text{ kg/m}^3$

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3931; ConvF(10.14, 10.14, 10.14); 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 (61x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.296 W/kg

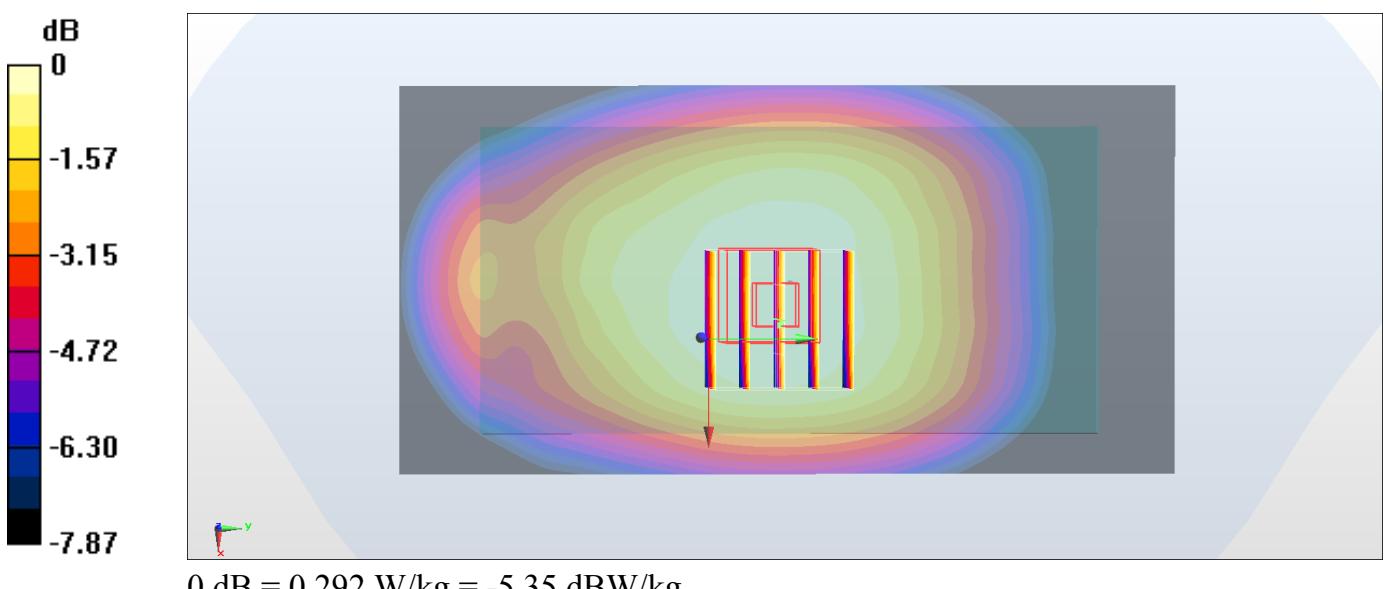
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 18.17 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.318 W/kg

**SAR(1 g) = 0.246 W/kg; SAR(10 g) = 0.195 W/kg**

Maximum value of SAR (measured) = 0.292 W/kg



## #49\_LTE Band 7\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch20850

Communication System: LTE ; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_170601 Medium parameters used:  $f = 2510 \text{ MHz}$ ;  $\sigma = 2.033 \text{ S/m}$ ;  $\epsilon_r = 53.777$ ;  $\rho = 1000 \text{ kg/m}^3$

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

### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.12, 4.12, 4.12); Calibrated: 2016/8/26;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.883 W/kg

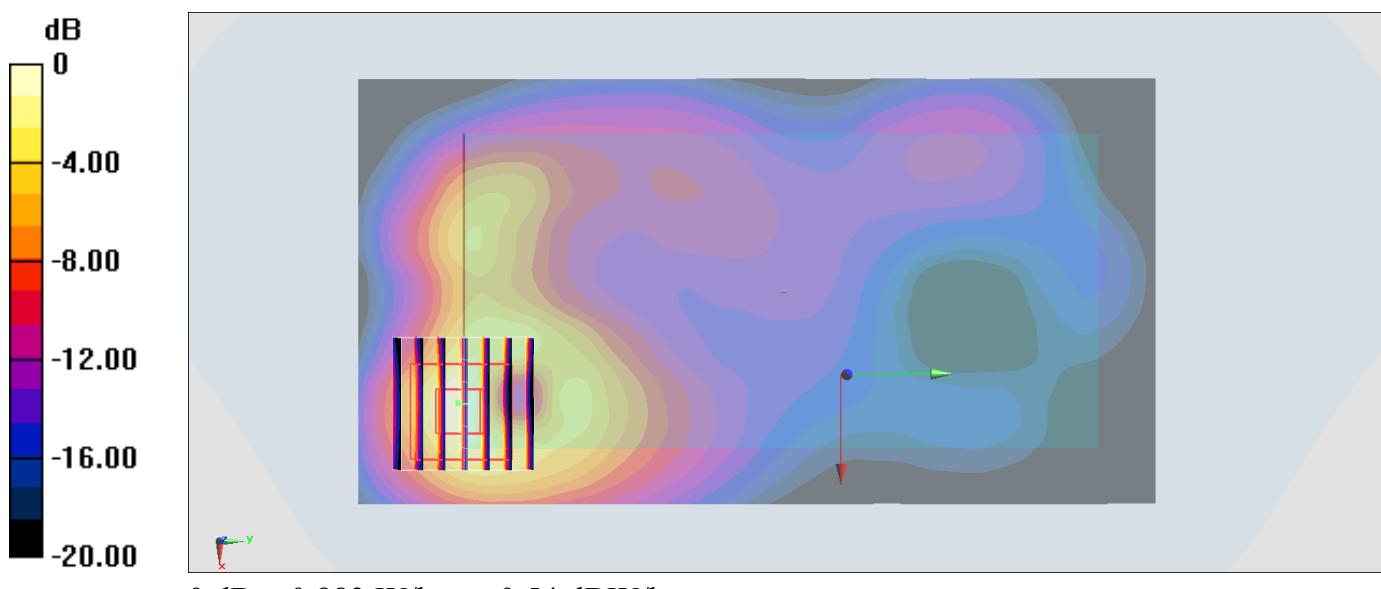
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 14.58 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.46 W/kg

**SAR(1 g) = 0.640 W/kg; SAR(10 g) = 0.259 W/kg**

Maximum value of SAR (measured) = 0.883 W/kg



## #50\_LTE Band 12\_10M\_QPSK\_1\_49\_Back\_10mm\_Ch23095

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

Medium: MSL\_750\_170524 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.936$  S/m;  $\epsilon_r = 55.967$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(10.37, 10.37, 10.37); 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 (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.268 W/kg

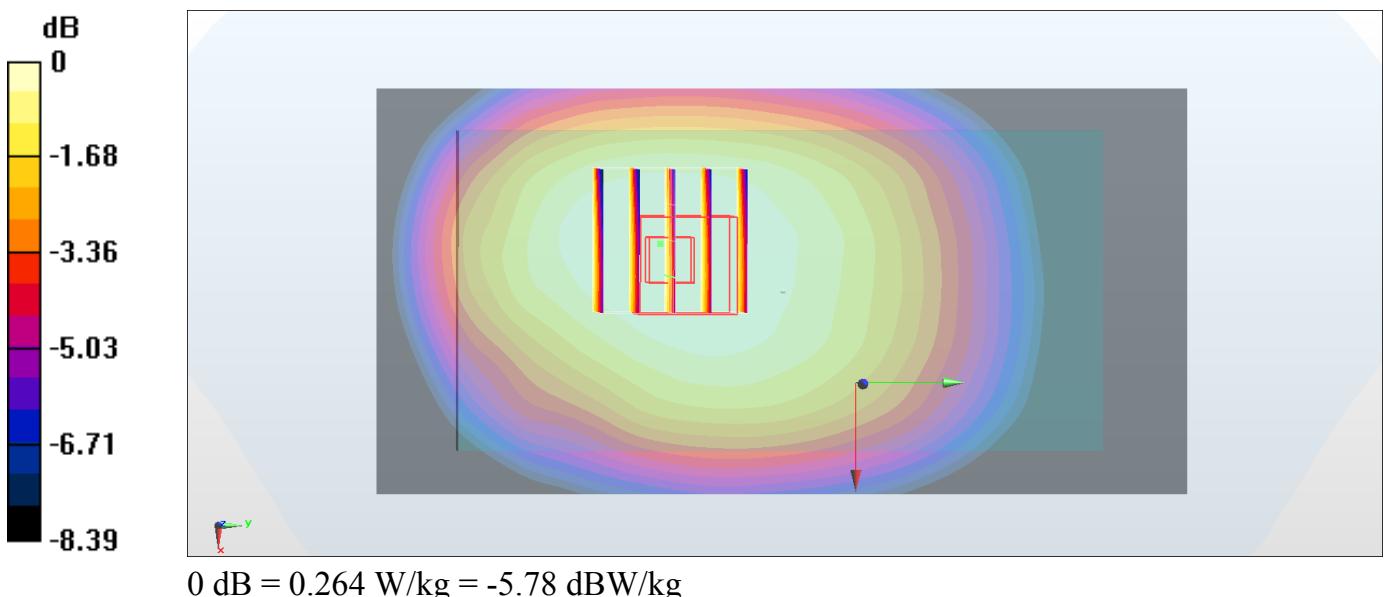
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.46 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.284 W/kg

**SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.183 W/kg**

Maximum value of SAR (measured) = 0.264 W/kg



## #51\_LTE Band 13\_10M\_QPSK\_1\_25\_Back\_10mm\_Ch23230

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

Medium: MSL\_750\_170524 Medium parameters used:  $f = 782$  MHz;  $\sigma = 1.007$  S/m;  $\epsilon_r = 55.181$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(10.37, 10.37, 10.37); 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 (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.343 W/kg

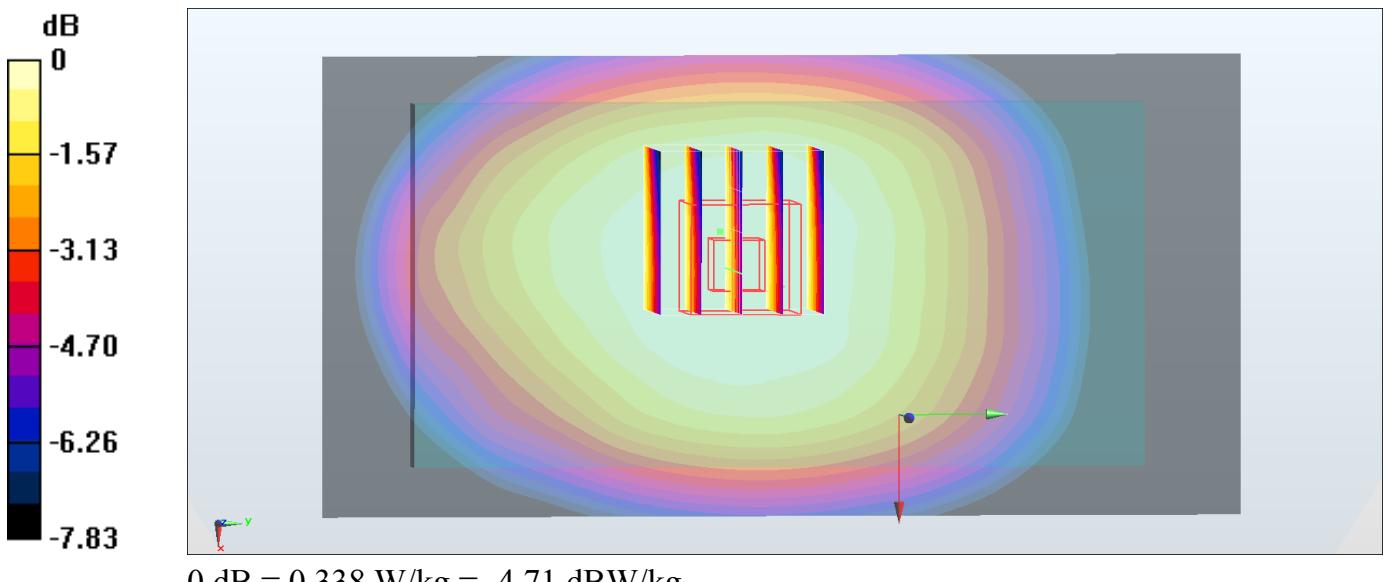
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.98 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.365 W/kg

**SAR(1 g) = 0.290 W/kg; SAR(10 g) = 0.232 W/kg**

Maximum value of SAR (measured) = 0.338 W/kg



## #52\_LTE Band 25\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch26590

Communication System: LTE ; Frequency: 1905 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1900\_170515 Medium parameters used:  $f = 1905$  MHz;  $\sigma = 1.57$  S/m;  $\epsilon_r = 54.281$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °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 (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.963 W/kg

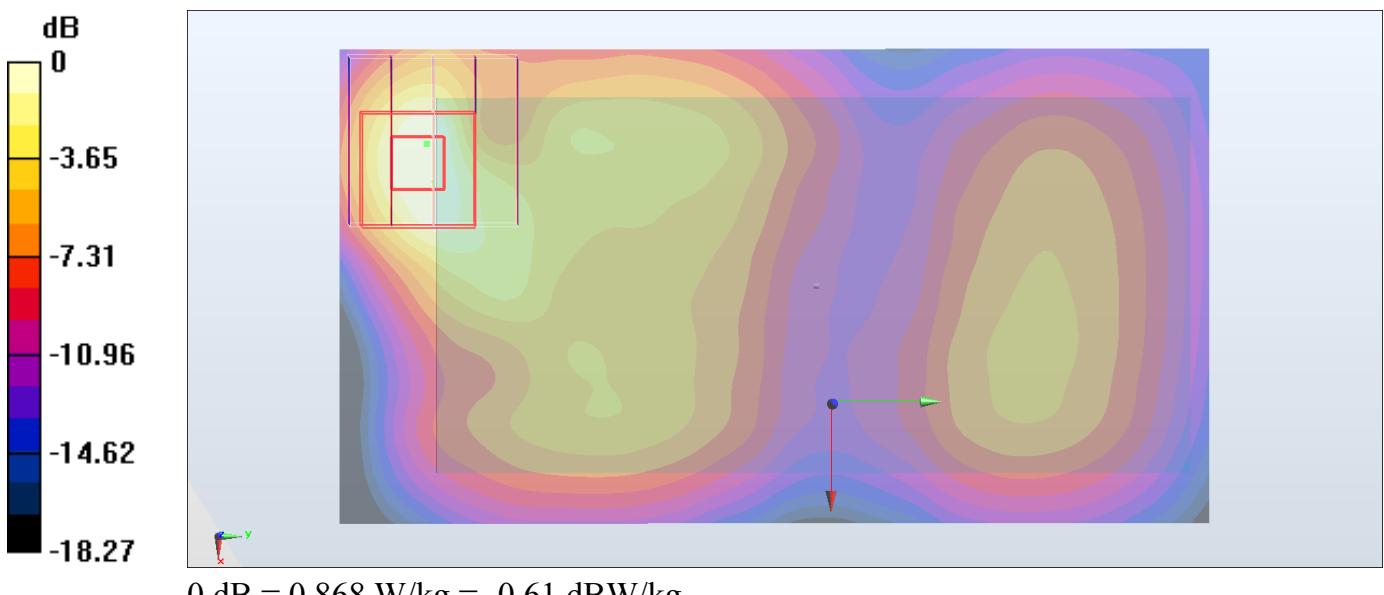
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.51 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.10 W/kg

**SAR(1 g) = 0.584 W/kg; SAR(10 g) = 0.283 W/kg**

Maximum value of SAR (measured) = 0.868 W/kg



## #53\_LTE Band 26\_15M\_QPSK\_1\_74\_Back\_10mm\_Ch26865

Communication System: LTE ; Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_170522 Medium parameters used:  $f = 831.5 \text{ MHz}$ ;  $\sigma = 0.965 \text{ S/m}$ ;  $\epsilon_r = 56.937$ ;  $\rho = 1000 \text{ kg/m}^3$

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(10.14, 10.14, 10.14); 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 (61x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.286 W/kg

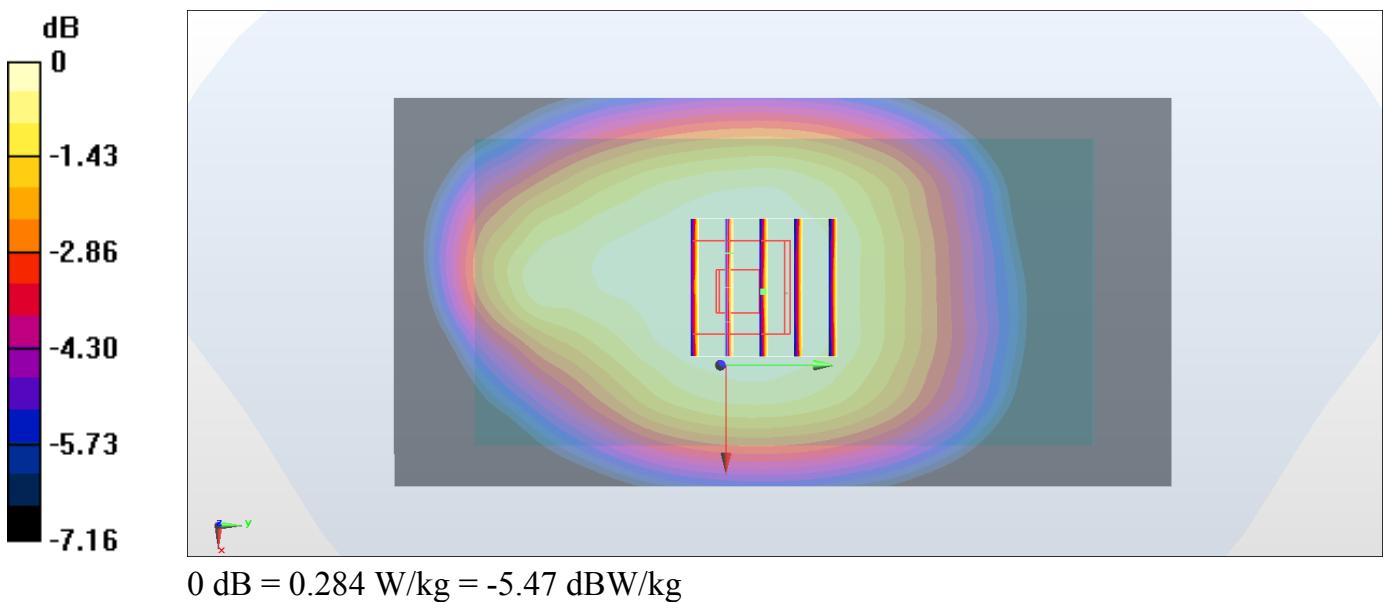
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 17.58 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.308 W/kg

**SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.190 W/kg**

Maximum value of SAR (measured) = 0.284 W/kg



**#54\_LTE Band 30\_10M\_QPSK\_1\_25\_Back\_10mm\_Ch27710**

Communication System: LTE ; Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: MSL\_2300\_170514 Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.777$  S/m;  $\epsilon_r = 53.663$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3931; ConvF(7.96, 7.96, 7.96); 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 (81x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.339 W/kg

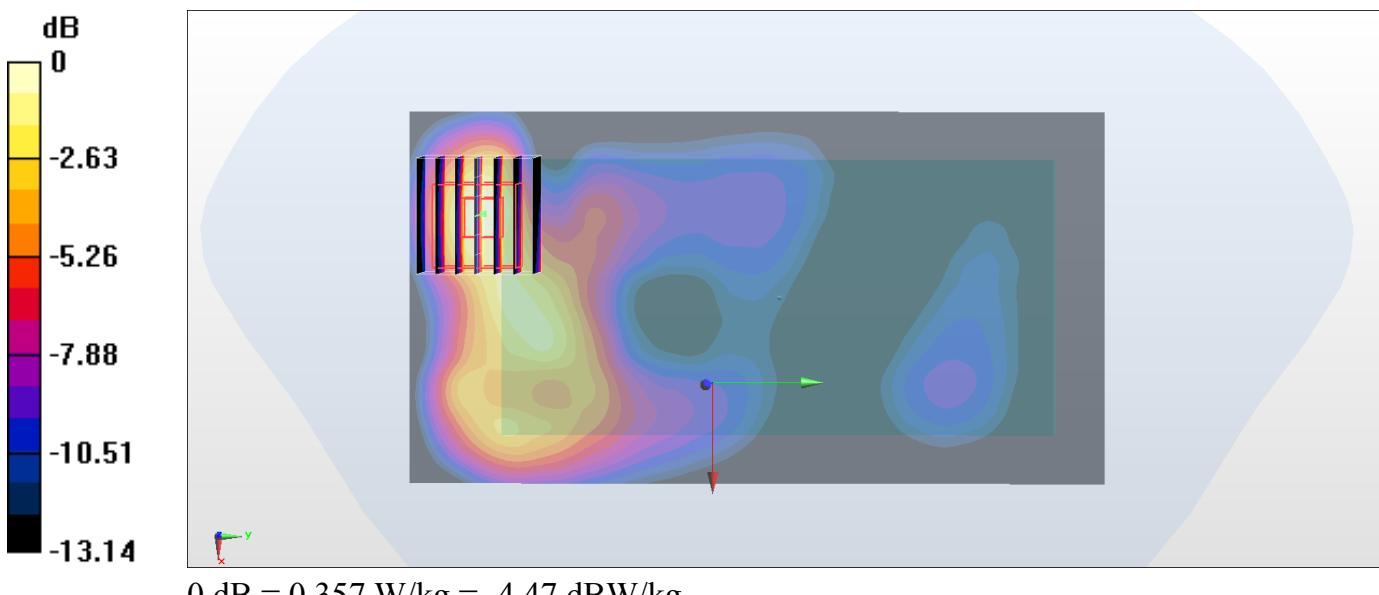
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.39 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.429 W/kg

**SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.110 W/kg**

Maximum value of SAR (measured) = 0.357 W/kg



## #55\_LTE Band 66\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch132572

Communication System: LTE ; Frequency: 1770 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1750\_170516 Medium parameters used:  $f = 1770 \text{ MHz}$ ;  $\sigma = 1.478 \text{ S/m}$ ;  $\epsilon_r = 54.89$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.45, 8.45, 8.45); 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 (71x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) = 0.622 W/kg

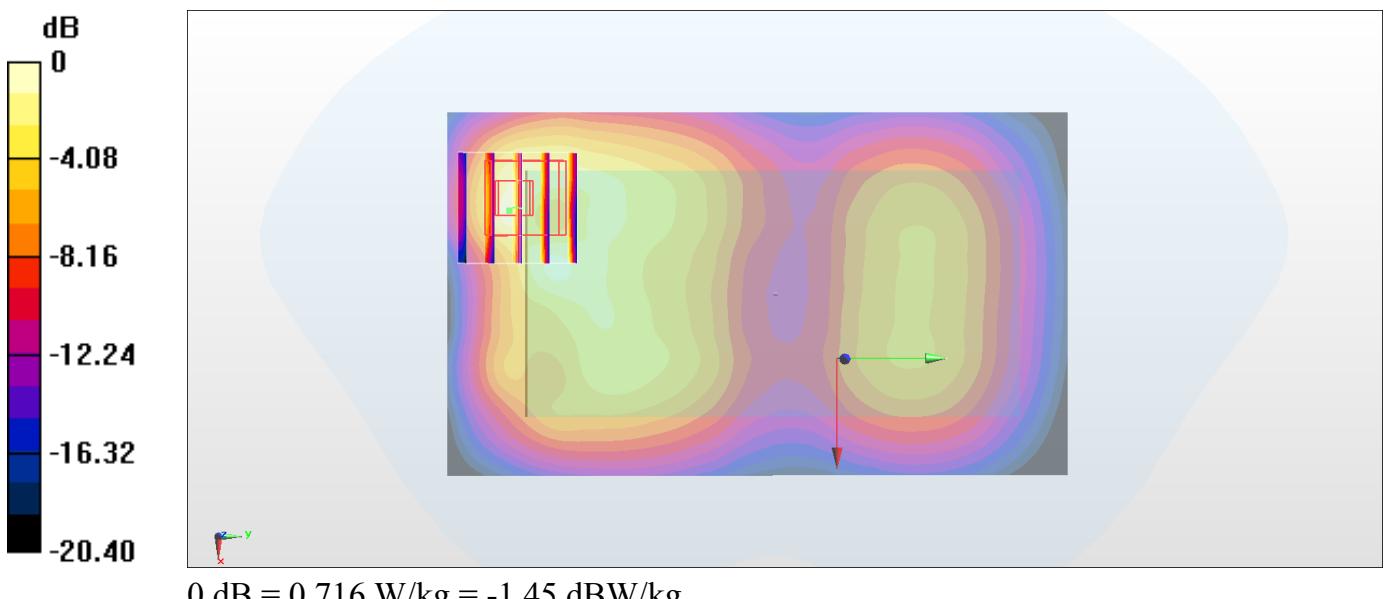
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 18.04 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.831 W/kg

**SAR(1 g) = 0.449 W/kg; SAR(10 g) = 0.231 W/kg**

Maximum value of SAR (measured) = 0.716 W/kg



**#56\_LTE Band 41\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch41055**

Communication System: LTE-TDD; Frequency: 2636.5 MHz; Duty Cycle: 1:1.59  
Medium: MSL\_2600\_170513 Medium parameters used:  $f = 2636.5$  MHz;  $\sigma = 2.176$  S/m;  $\epsilon_r = 53.24$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

**DASY5 Configuration**

- Probe: EX3DV4 - SN3931; ConvF(7.46, 7.46, 7.46); 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 (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.661 W/kg

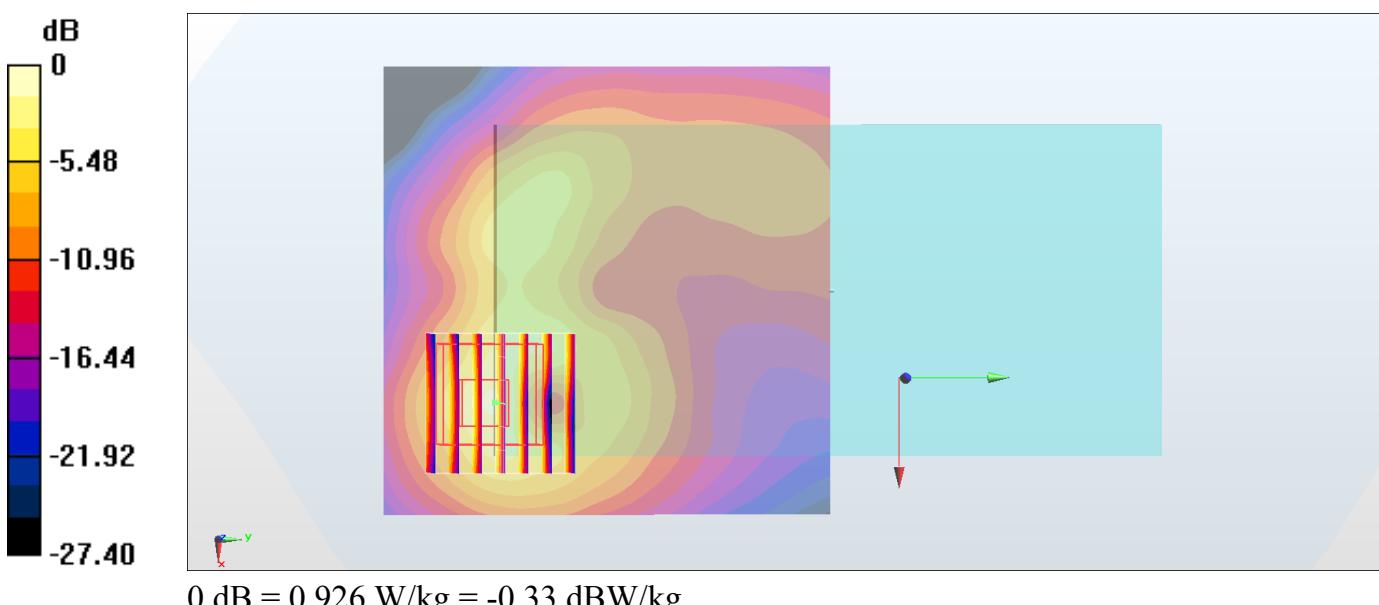
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.18 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.548 W/kg; SAR(10 g) = 0.233 W/kg**

Maximum value of SAR (measured) = 0.926 W/kg



## #57\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_10mm\_Ch1;Ant 1

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

Medium: MSL\_2450\_170612 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.948 \text{ S/m}$ ;  $\epsilon_r = 54.789$ ;

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

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °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: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (81x81x1):** Interpolated grid:  $dx=1.200 \text{ mm}$ ,  $dy=1.200 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0948 W/kg

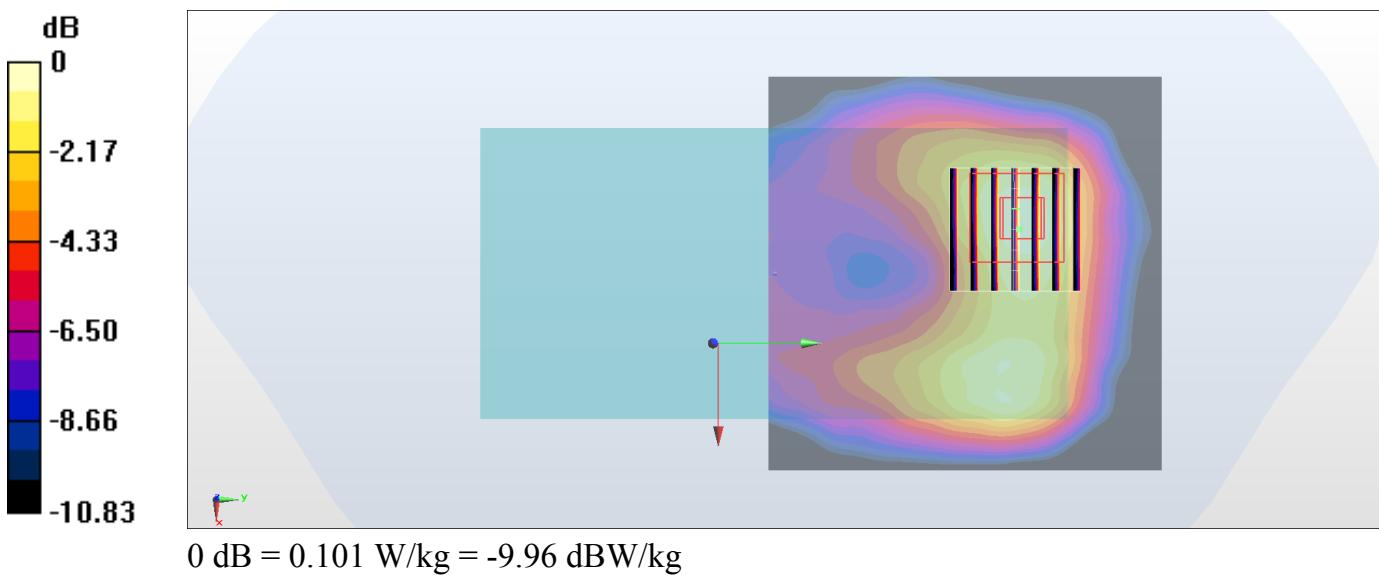
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 5.727 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.121 W/kg

**SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.041 W/kg**

Maximum value of SAR (measured) = 0.101 W/kg



**#58\_WLAN5GHz\_802.11n-HT40 MCS0\_Back\_10mm\_Ch62;Ant 1**

Communication System: 802.11n; Frequency: 5310 MHz; Duty Cycle: 1:1.114

Medium: MSL\_5G\_170612 Medium parameters used:  $f = 5310 \text{ MHz}$ ;  $\sigma = 5.525 \text{ S/m}$ ;  $\epsilon_r = 46.725$ ;  $\rho = 1000 \text{ kg/m}^3$

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3931; ConvF(4.57, 4.57, 4.57); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (101x121x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0739 W/kg

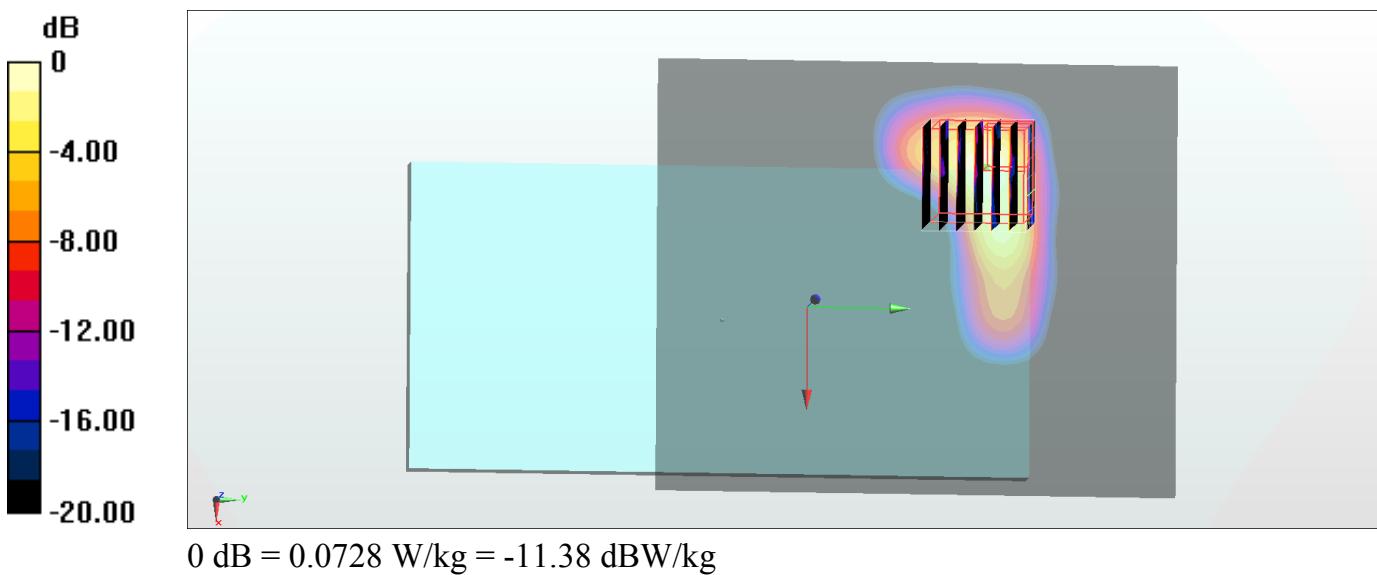
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value = 0.5840 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.122 W/kg

**SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.00506 W/kg**

Maximum value of SAR (measured) = 0.0728 W/kg



## #59\_WLAN5GHz\_802.11n-HT40 MCS0\_Back\_10mm\_Ch102;Ant 1

Communication System: 802.11n ; Frequency: 5510 MHz; Duty Cycle: 1:1.114  
 Medium: MSL\_5G\_170612 Medium parameters used:  $f = 5510 \text{ MHz}$ ;  $\sigma = 5.783 \text{ S/m}$ ;  $\epsilon_r = 46.39$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(3.71, 3.71, 3.71); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (101x121x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0547 W/kg

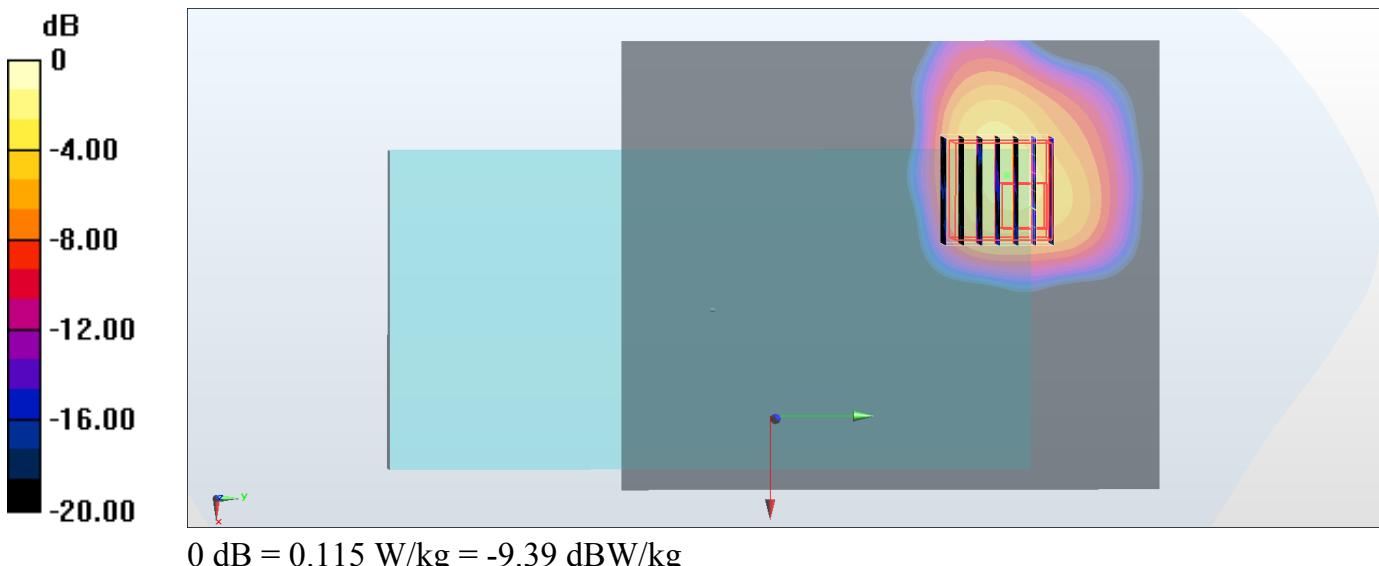
**Configuration/Ch102/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value = 4.641 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.192 W/kg

**SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.011 W/kg**

Maximum value of SAR (measured) = 0.115 W/kg



**#60\_WLAN5GHz\_802.11n-HT40 MCS0\_Back\_10mm\_Ch151;Ant 1**

Communication System: 802.11n ; Frequency: 5755 MHz; Duty Cycle: 1:1.114

Medium: MSL\_5G\_170612 Medium parameters used:  $f = 5755 \text{ MHz}$ ;  $\sigma = 6.116 \text{ S/m}$ ;  $\epsilon_r = 45.981$ ;  $\rho = 1000 \text{ kg/m}^3$

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3931; ConvF(4.01, 4.01, 4.01); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (101x121x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0612 W/kg

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

Reference Value = 4.965 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.178 W/kg

**SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.014 W/kg**

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

