

**#01\_GSM850\_GPRS (3 Tx slots)\_Right Cheek\_Ch128**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2.77

Medium: HSL\_850\_200131 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.89$  S/m;  $\epsilon_r = 42.606$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.42, 6.42, 6.42) @ 824.2 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.189 W/kg

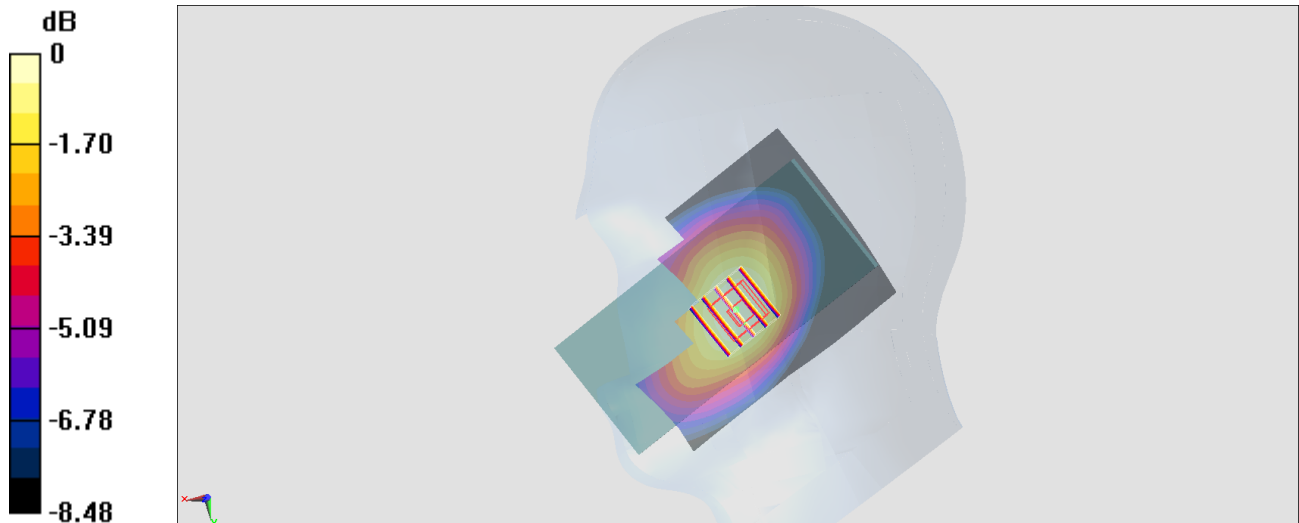
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.18 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.215 W/kg

**SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.133 W/kg**

Maximum value of SAR (measured) = 0.189 W/kg



0 dB = 0.189 W/kg = -7.24 dBW/kg

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

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

Medium: HSL\_1900\_200131 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.394$  S/m;  $\epsilon_r = 40.799$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.14, 5.14, 5.14) @ 1880 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

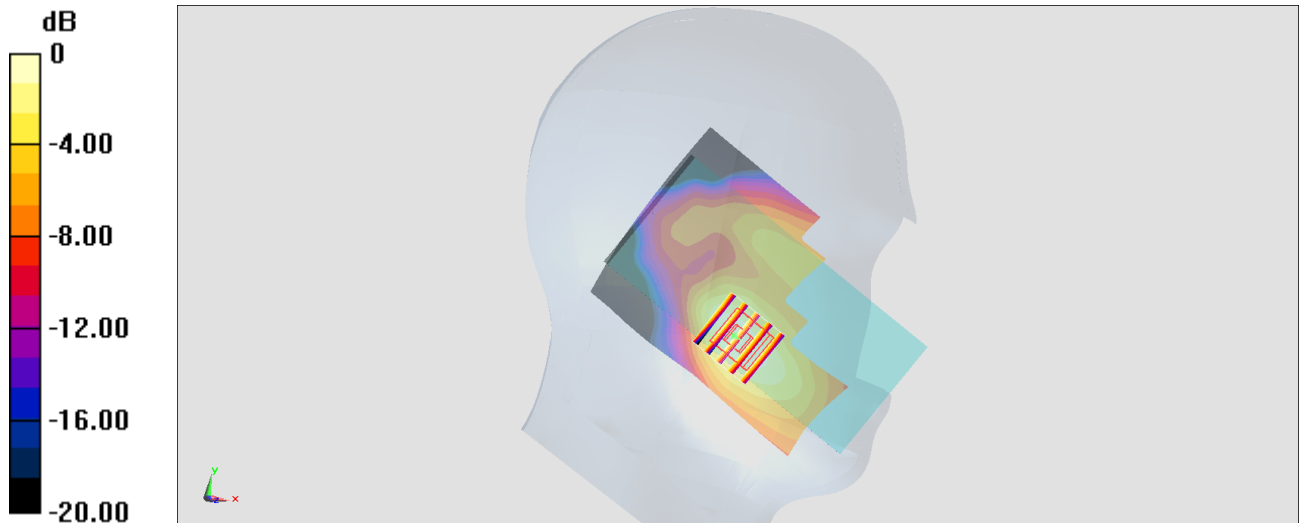
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.974 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.142 W/kg

**SAR(1 g) = 0.090 W/kg; SAR(10 g) = 0.054 W/kg**

Maximum value of SAR (measured) = 0.109 W/kg



0 dB = 0.109 W/kg = -9.63 dBW/kg

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

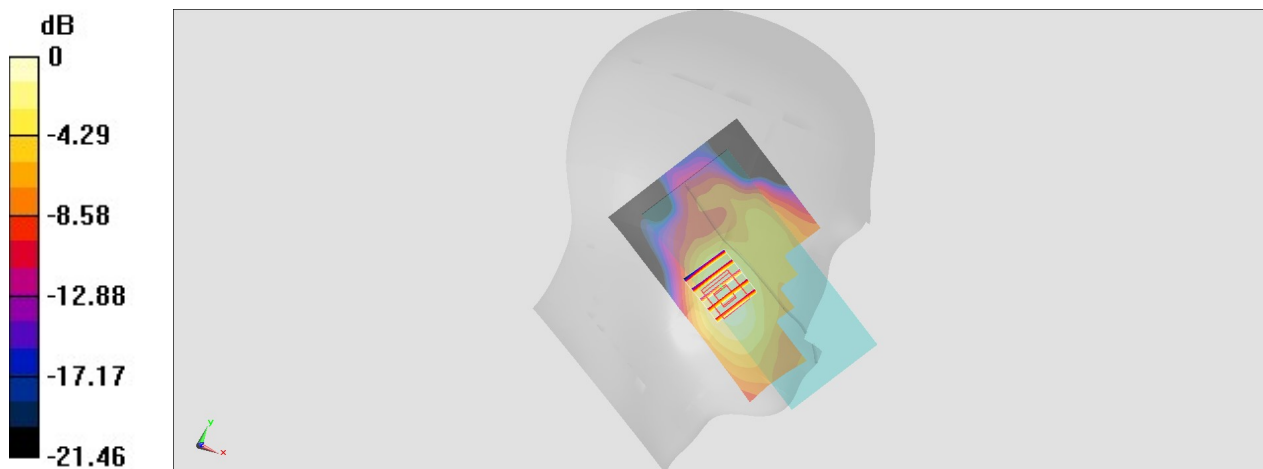
Communication System: WCDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1  
Medium: HSL\_1900\_200105 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.435$  S/m;  $\epsilon_r = 41.17$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration

- Probe: ES3DV3 - SN3169;ConvF(5.14, 5.14, 5.14) @ 1880 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.115 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 5.175 V/m; Power Drift = 0.08 dB  
Peak SAR (extrapolated) = 0.153 W/kg  
**SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.060 W/kg**  
Maximum value of SAR (measured) = 0.116 W/kg



0 dB = 0.116 W/kg = -9.36 dBW/kg

### #04\_WCDMA V\_RMC 12.2Kbps\_Right Cheek\_Ch4182

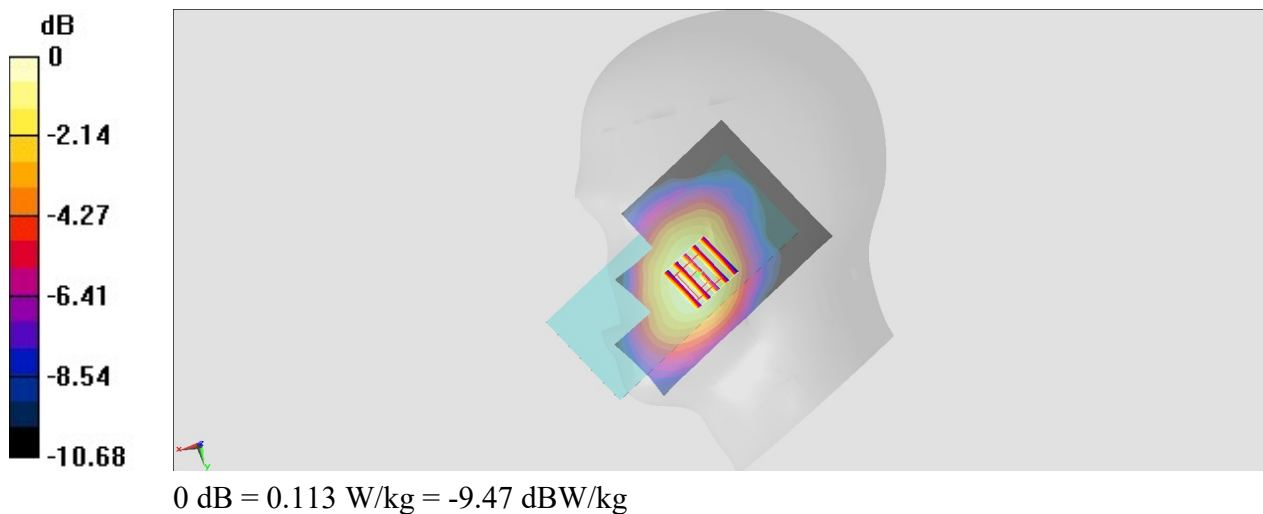
Communication System: WCDMA ; Frequency: 836.4 MHz;Duty Cycle: 1:1  
Medium: HSL\_850\_200105 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.896$  S/m;  $\epsilon_r = 42.057$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration

- Probe: ES3DV3 - SN3169;ConvF(6.42, 6.42, 6.42) @ 836.4 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.111 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 11.21 V/m; Power Drift = 0.09 dB  
Peak SAR (extrapolated) = 0.134 W/kg  
**SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.074 W/kg**  
Maximum value of SAR (measured) = 0.113 W/kg



### #05\_CDMA BC0\_1xRTT RC3 SO55 \_Right Cheek\_Ch384

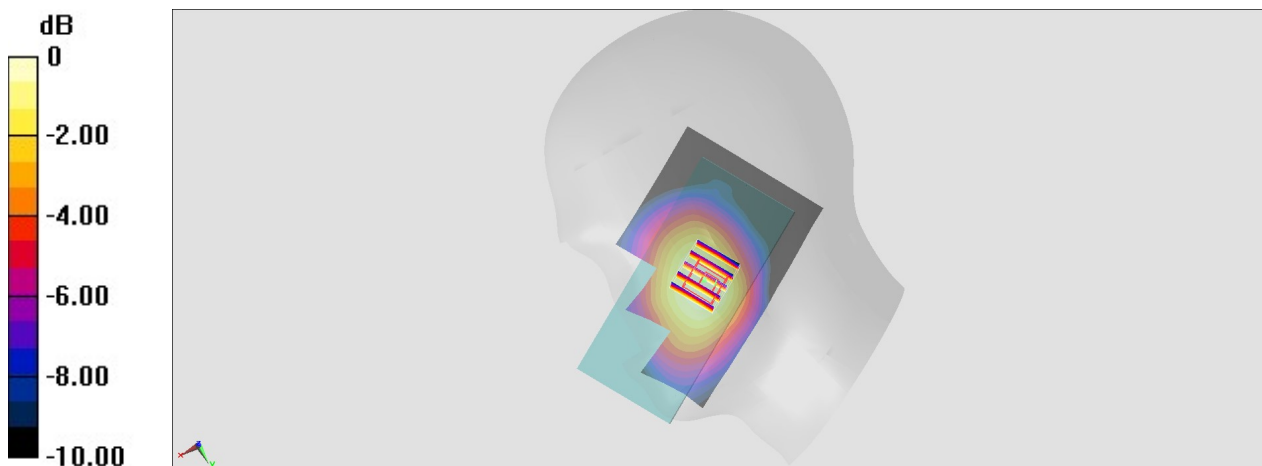
Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1  
Medium: HSL\_850\_200105 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.907$  S/m;  $\epsilon_r = 42.031$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration

- Probe: ES3DV3 - SN3169;ConvF(6.42, 6.42, 6.42) @ 836.52 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.282 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 17.71 V/m; Power Drift = -0.15 dB  
Peak SAR (extrapolated) = 0.338 W/kg  
**SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.182 W/kg**  
Maximum value of SAR (measured) = 0.276 W/kg



0 dB = 0.276 W/kg = -5.59 dBW/kg

### #06\_CDMA BC1\_1xRTT RC3 SO55 \_Left Cheek\_Ch600

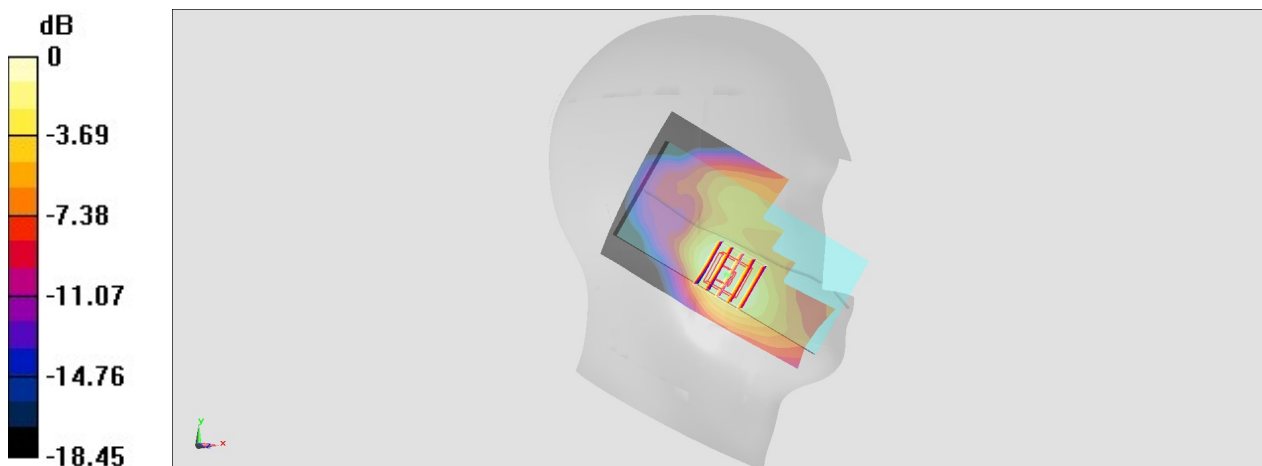
Communication System: CDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1  
Medium: HSL\_1900\_200105 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.435$  S/m;  $\epsilon_r = 41.17$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration

- Probe: ES3DV3 - SN3169;ConvF(5.14, 5.14, 5.14) @ 1880 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x121x1):** 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 = 10.07 V/m; Power Drift = -0.11 dB  
Peak SAR (extrapolated) = 0.224 W/kg  
**SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.089 W/kg**  
Maximum value of SAR (measured) = 0.174 W/kg



0 dB = 0.174 W/kg = -7.59 dBW/kg

### #07\_LTE Band 2\_20M\_QPSK\_1\_0\_Left Cheek\_Ch18900

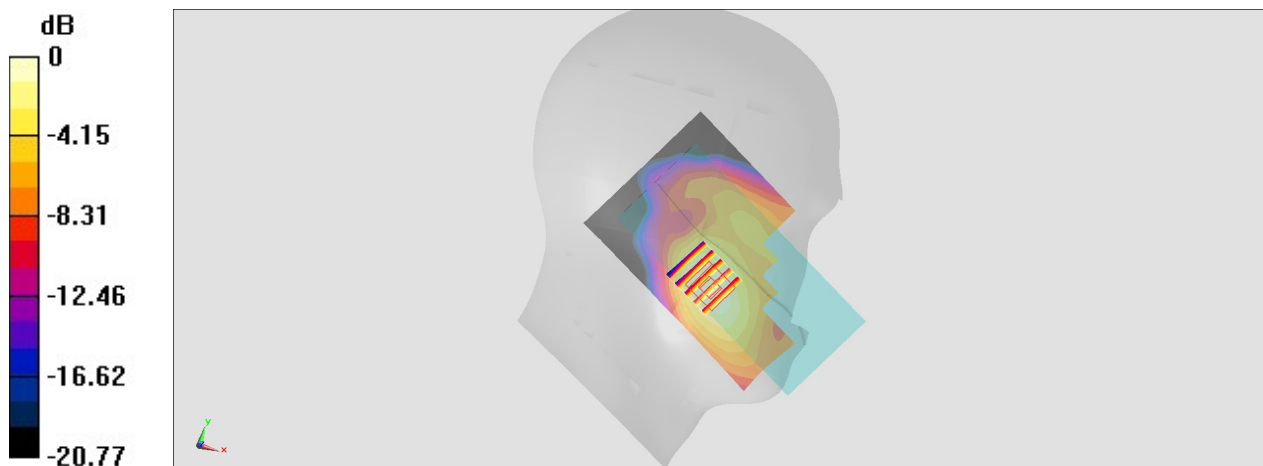
Communication System: LTE ; Frequency: 1880 MHz;Duty Cycle: 1:1  
Medium: HSL\_1900\_200105 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.435$  S/m;  $\epsilon_r = 41.17$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration

- Probe: ES3DV3 - SN3169;ConvF(5.14, 5.14, 5.14) @ 1880 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.135 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 8.996 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 0.180 W/kg  
**SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.070 W/kg**  
Maximum value of SAR (measured) = 0.135 W/kg



0 dB = 0.135 W/kg = -8.70 dBW/kg

### #08\_LTE Band 5\_10M\_QPSK\_1\_0\_Right Cheek\_Ch20525

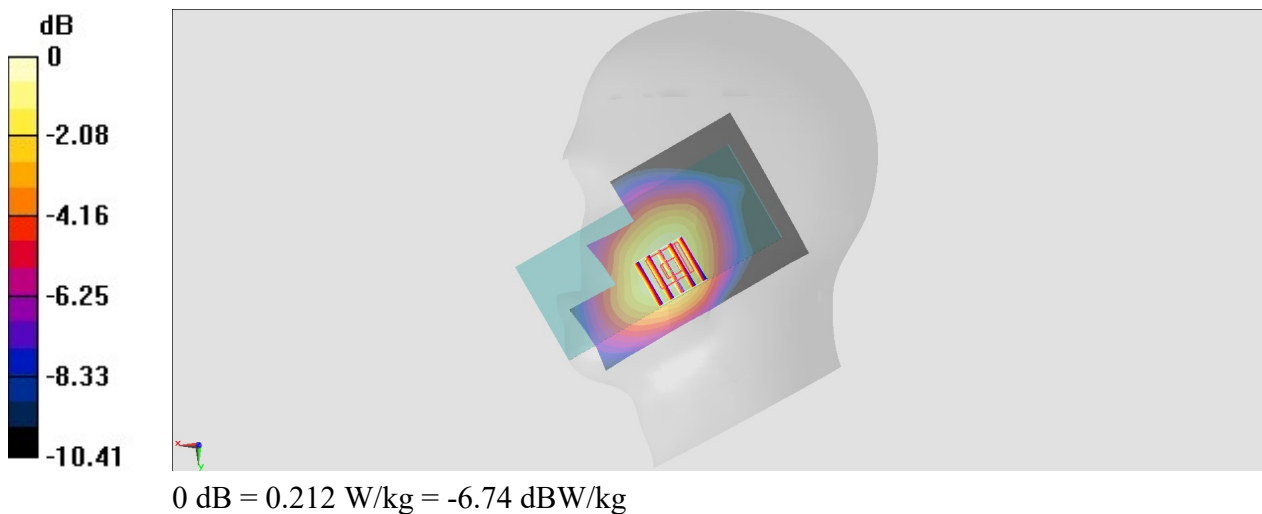
Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_850\_200105 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.898$  S/m;  $\epsilon_r = 42.053$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(6.42, 6.42, 6.42) @ 836.5 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.212 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 15.33 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 0.254 W/kg  
**SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.139 W/kg**  
Maximum value of SAR (measured) = 0.212 W/kg





### #09\_LTE Band 7\_20M\_QPSK\_1\_0\_Left Tilted\_Ch21100

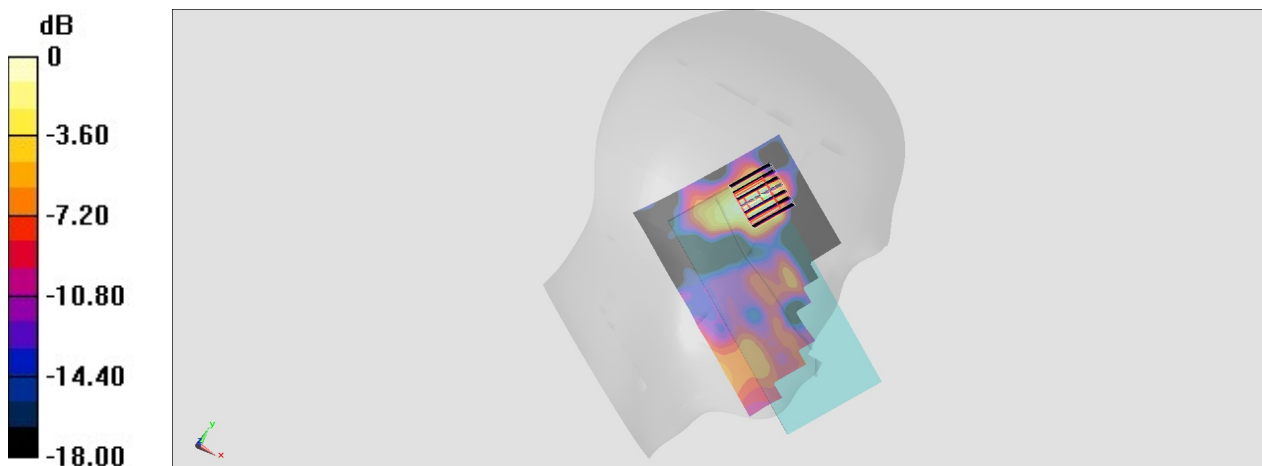
Communication System: LTE ; Frequency: 2535 MHz;Duty Cycle: 1:1  
Medium: HSL\_2600\_200106 Medium parameters used :  $f = 2535$  MHz;  $\sigma = 1.928$  S/m;  $\epsilon_r = 38.804$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

#### DASY5 Configuration

- Probe: ES3DV3 - SN3169;ConvF(4.38, 4.38, 4.38) @ 2535 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.0582 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 2.746 V/m; Power Drift = 0.11 dB  
Peak SAR (extrapolated) = 0.0760 W/kg  
**SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.018 W/kg**  
Maximum value of SAR (measured) = 0.0529 W/kg



0 dB = 0.0529 W/kg = -12.77 dBW/kg

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

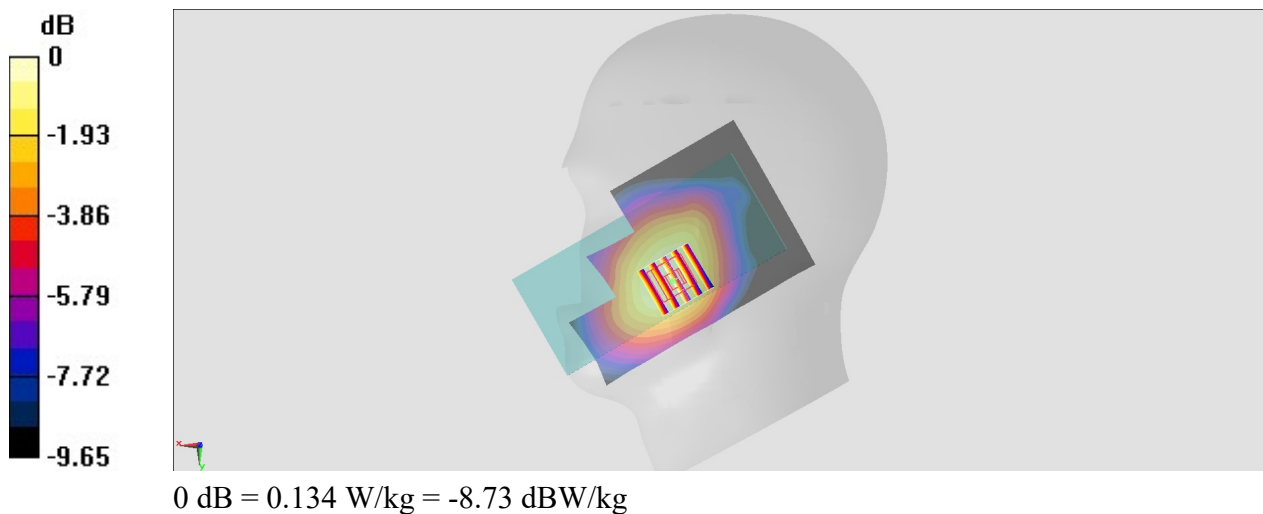
Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_750\_200105 Medium parameters used :  $f = 707.5$  MHz;  $\sigma = 0.869$  S/m;  $\epsilon_r = 43.213$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(6.68, 6.68, 6.68) @ 707.5 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.133 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 12.93 V/m; Power Drift = -0.17 dB  
Peak SAR (extrapolated) = 0.155 W/kg  
**SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.091 W/kg**  
Maximum value of SAR (measured) = 0.134 W/kg



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

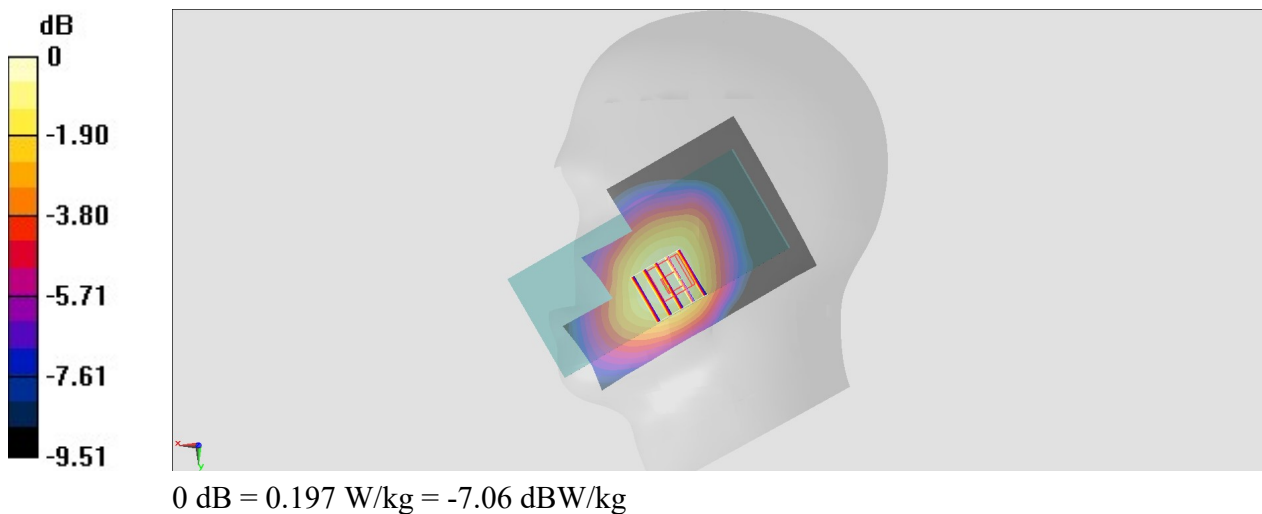
Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1  
Medium: HSL\_750\_200105 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.916 \text{ S/m}$ ;  $\epsilon_r = 42.209$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

#### DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(6.68, 6.68, 6.68) @ 782 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) =  $0.200 \text{ W/kg}$

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $14.76 \text{ V/m}$ ; Power Drift =  $0.02 \text{ dB}$   
Peak SAR (extrapolated) =  $0.232 \text{ W/kg}$   
**SAR(1 g) =  $0.179 \text{ W/kg}$ ; SAR(10 g) =  $0.132 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $0.197 \text{ W/kg}$



## #12\_LTE Band 66\_20M\_QPSK\_1\_0\_Left Cheek\_Ch132322

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

Medium: HSL\_1750\_200106 Medium parameters used :  $f = 1745$  MHz;  $\sigma = 1.392$  S/m;  $\epsilon_r = 41.094$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: ES3DV3 - SN3169;ConvF(5.34, 5.34, 5.34) @ 1745 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 0.120 W/kg

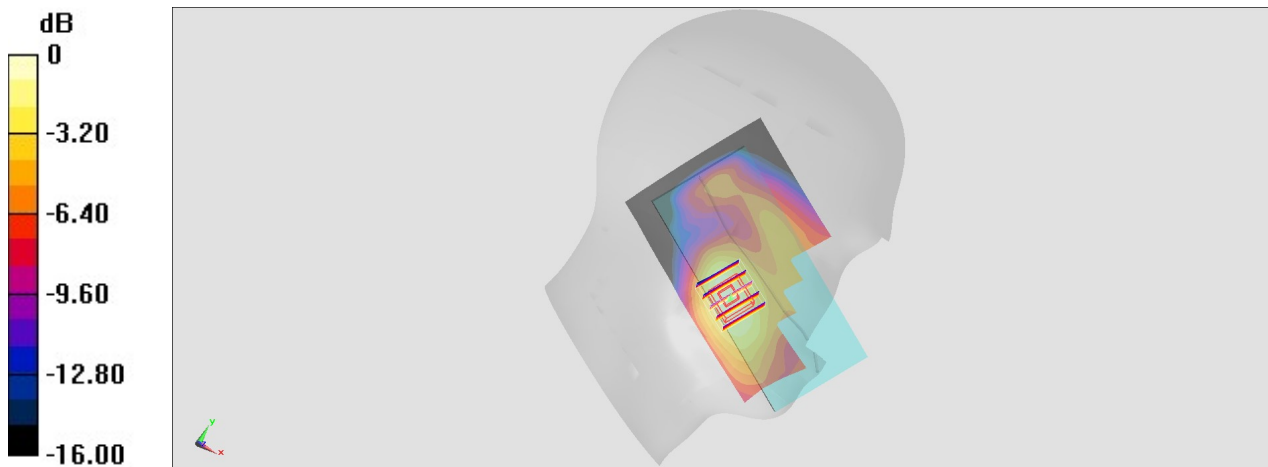
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.673 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.155 W/kg

**SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.064 W/kg**

Maximum value of SAR (measured) = 0.123 W/kg



0 dB = 0.123 W/kg = -9.10 dBW/kg

**#13\_LTE Band 48\_20M\_QPSK\_1\_0\_Right Tilted\_Ch55830**

Communication System: LTE; Frequency: 3609 MHz; Duty Cycle: 1:1.59

Medium: HSL\_3500\_200204 Medium parameters used :  $f = 3609$  MHz;  $\sigma = 3.038$  S/m;  $\epsilon_r = 38.977$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(6.91, 6.91, 6.91) @ 3609 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (81x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.40 W/kg

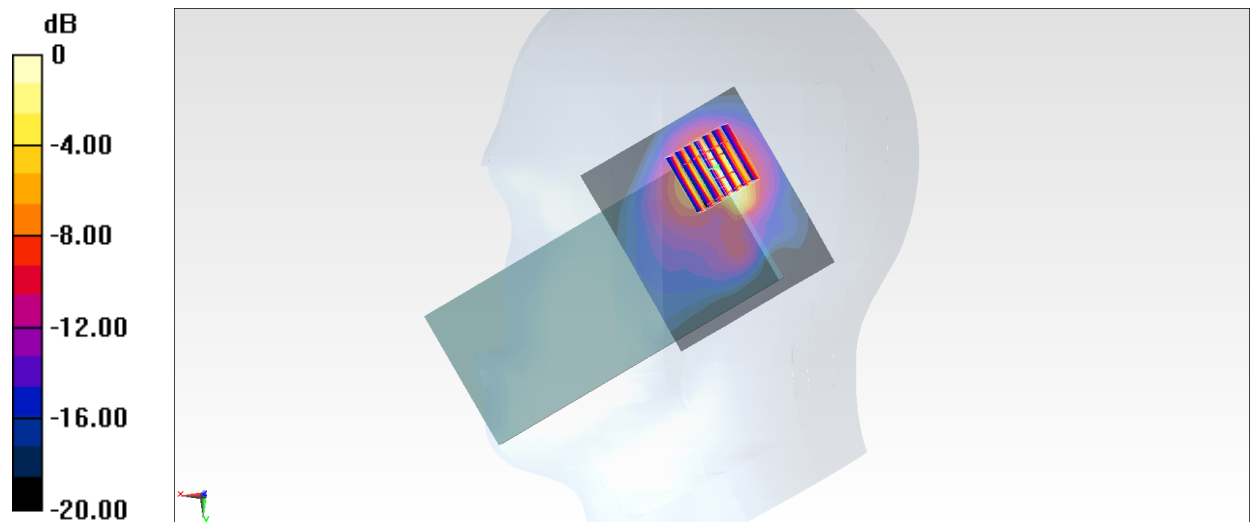
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 10.83 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.96 W/kg

**SAR(1 g) = 0.672 W/kg; SAR(10 g) = 0.196 W/kg**

Maximum value of SAR (measured) = 1.20 W/kg



0 dB = 1.40 W/kg = 1.46 dBW/kg

### #14\_WLAN2.4GHz\_802.11b 1Mbps\_Right Cheek\_Ch6;Ant 4+6

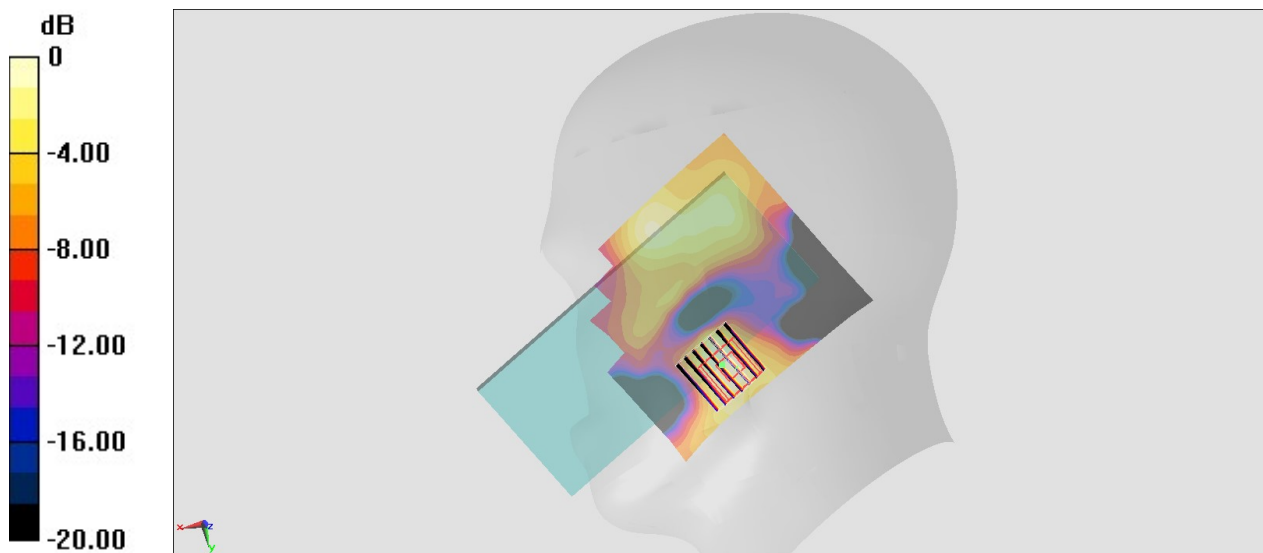
Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.015  
Medium: HSL\_2450\_200204 Medium parameters used :  $f = 2437$  MHz;  $\sigma = 1.813$  S/m;  $\epsilon_r = 38.826$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(4.54, 4.54, 4.54) @ 2437 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (91x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.0935 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 5.830 V/m; Power Drift = -0.08 dB  
Peak SAR (extrapolated) = 0.356 W/kg  
**SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.034 W/kg**  
Maximum value of SAR (measured) = 0.0858 W/kg



0 dB = 0.0858 W/kg = -10.67 dBW/kg

**#15\_WLAN5GHz\_802.11a 6Mbps\_Right Tilted\_Ch56;Ant 3+6**

Communication System: 802.11a; Frequency: 5280 MHz; Duty Cycle: 1:1.008

Medium: HSL\_5G\_200203 Medium parameters used:  $f = 5280$  MHz;  $\sigma = 4.764$  S/m;  $\epsilon_r = 36.067$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(5.08, 5.08, 5.08); Calibrated: 2019/9/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (91x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.433 W/kg

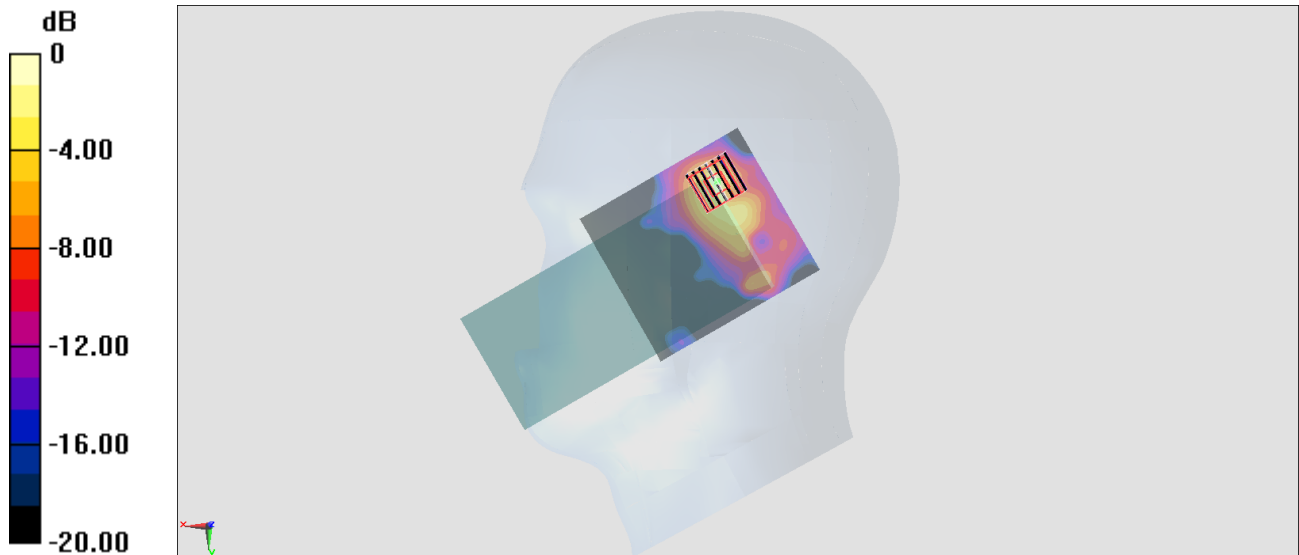
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.797 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.059 W/kg**

Maximum value of SAR (measured) = 0.579 W/kg



0 dB = 0.579 W/kg = -2.37 dBW/kg

**#16\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Right Tilted\_Ch122**

Communication System: 802.11ac; Frequency: 5610 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_200203 Medium parameters used:  $f = 5610$  MHz;  $\sigma = 5.09$  S/m;  $\epsilon_r = 35.56$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.49, 4.49, 4.49) @ 5610 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (91x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.807 W/kg

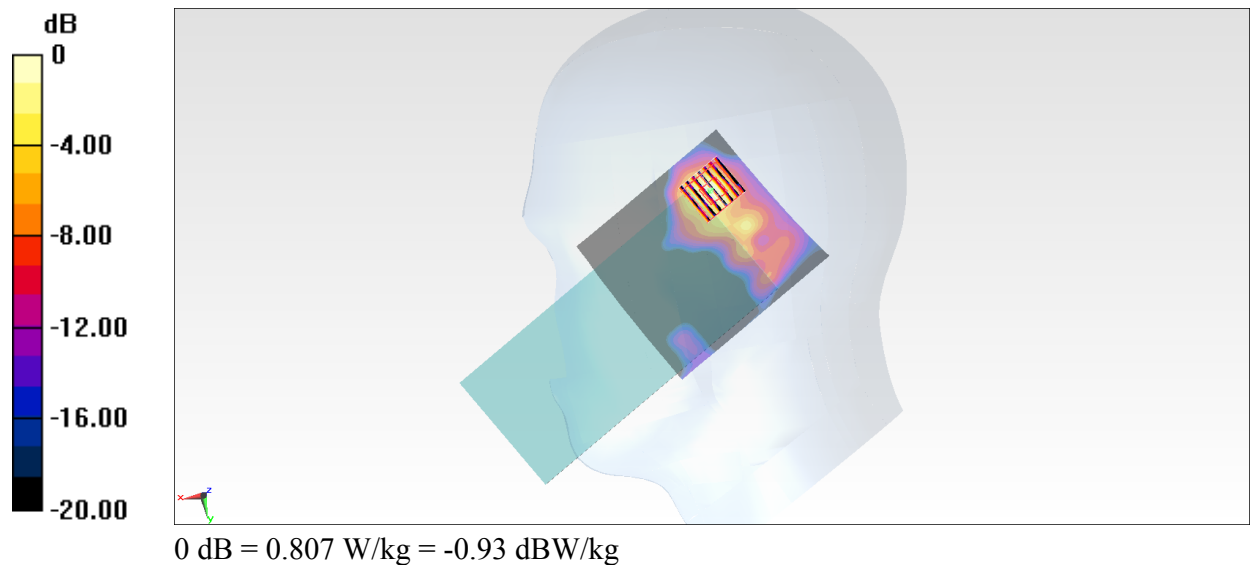
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.790 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.89 W/kg

**SAR(1 g) = 0.344 W/kg; SAR(10 g) = 0.090 W/kg**

Maximum value of SAR (measured) = 1.04 W/kg





**#17\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Right Tilted\_Ch155;Ant 3+6**

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_200203 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.109$  S/m;  $\epsilon_r = 35.322$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.75, 4.75, 4.75) @ 5775 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (91x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.911 W/kg

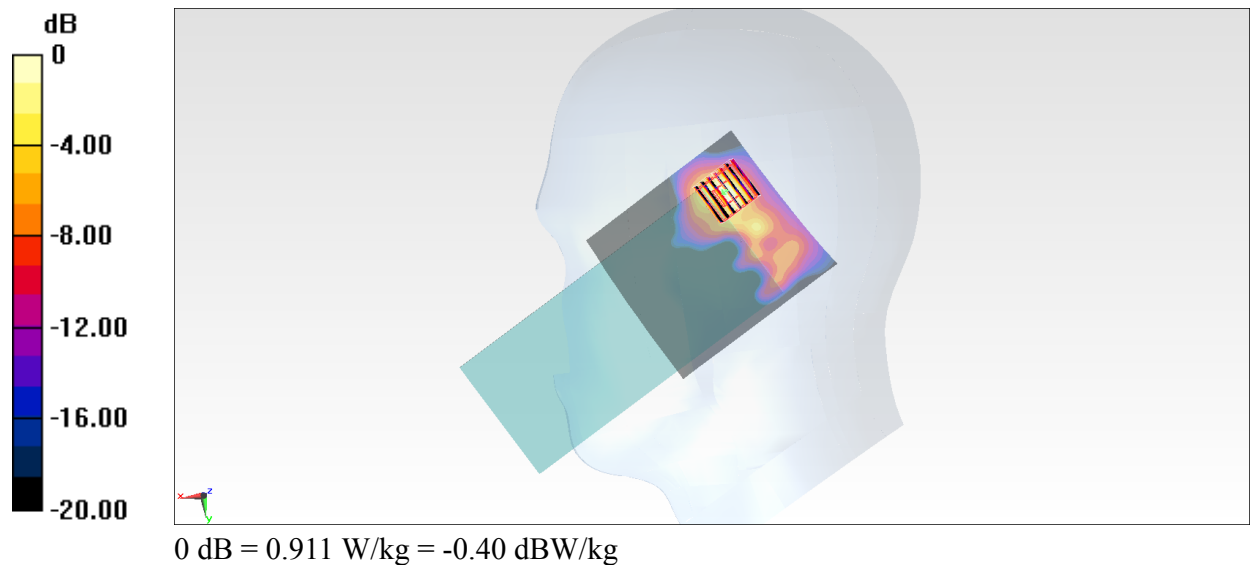
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.968 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 2.12 W/kg

**SAR(1 g) = 0.394 W/kg; SAR(10 g) = 0.101 W/kg**

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



### #18\_Bluetooth\_1M\_Right Cheek\_Ch39

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.301  
Medium: HSL\_2450\_200204 Medium parameters used :  $f = 2441$  MHz;  $\sigma = 1.817$  S/m;  $\epsilon_r = 38.812$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration

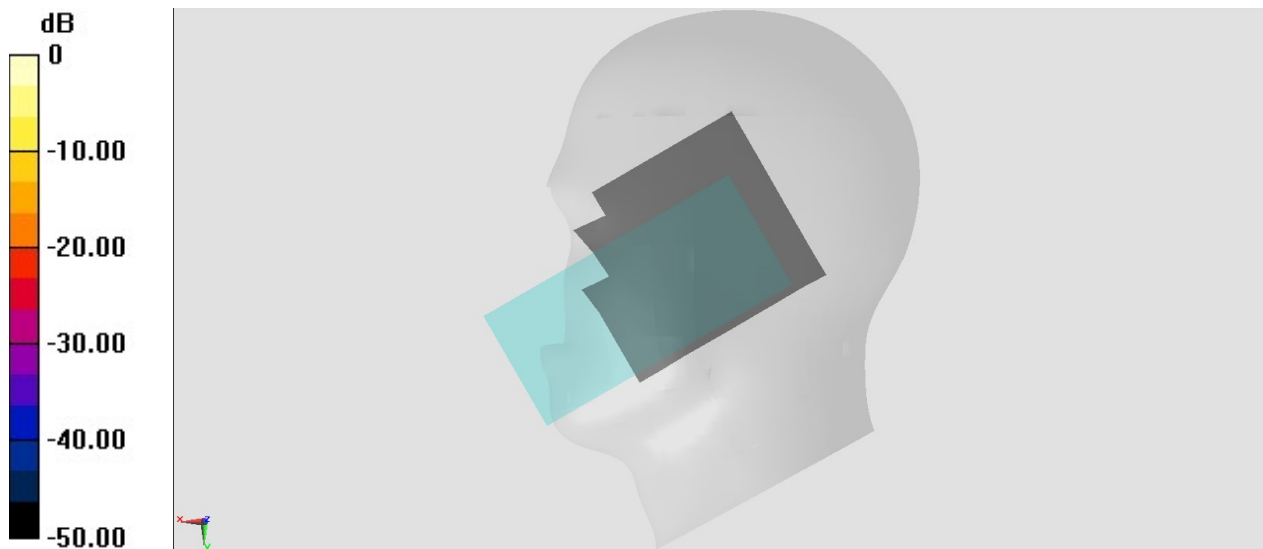
- Probe: ES3DV3 - SN3169; ConvF(4.54, 4.54, 4.54) @ 2441 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (91x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 0.5450 V/m; Power Drift = -0.01 dB

**Fast SAR: SAR(1 g) = 0.001 W/kg; SAR(10 g) = 0.001 W/kg**

Maximum value of SAR (interpolated) = 0 W/kg



0 dB = 0 W/kg = -999.00 dBW/kg

**#19\_GSM850\_GPRS (3 Tx slots)\_Bottom Side\_Ch128**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2.77

Medium: HSL\_850\_200131 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.89$  S/m;  $\epsilon_r = 42.606$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.42, 6.42, 6.42) @ 824.2 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.881 W/kg

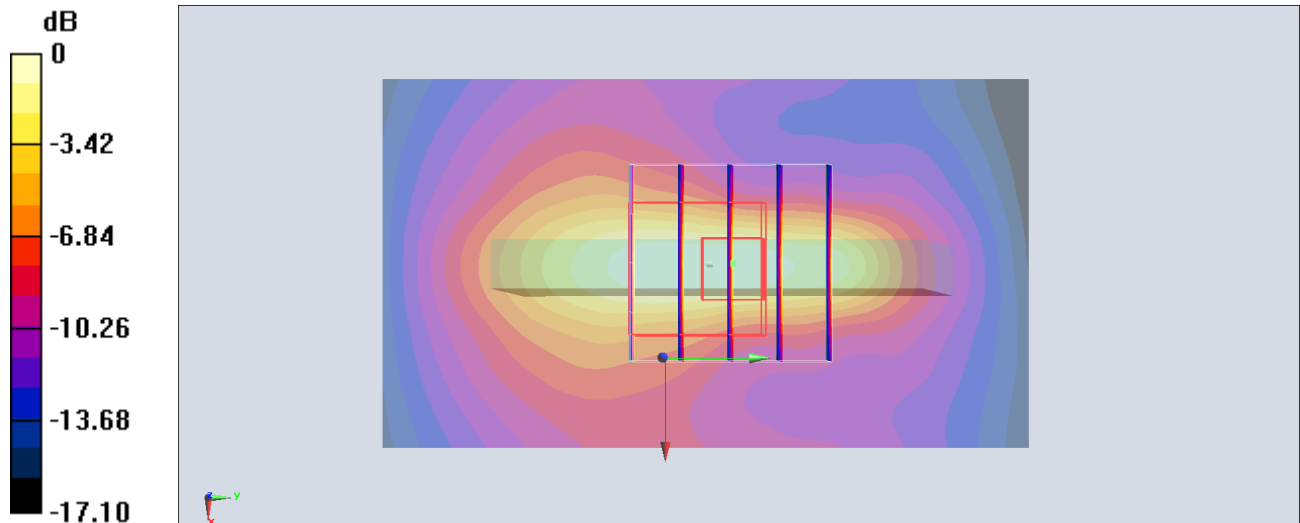
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.87 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.43 W/kg

**SAR(1 g) = 0.623 W/kg; SAR(10 g) = 0.298 W/kg**

Maximum value of SAR (measured) = 0.862 W/kg



0 dB = 0.862 W/kg = -0.64 dBW/kg

## #20\_GSM1900\_GPRS (4 Tx slots)\_Bottom Side\_5mm\_Ch810

Communication System: PCS ; Frequency: 1909.8 MHz;Duty Cycle: 1:2.08

Medium: HSL\_1900\_200202 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.418$  S/m;  $\epsilon_r = 40.253$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306;ConvF(8.15, 8.15, 8.15); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

**Area Scan (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

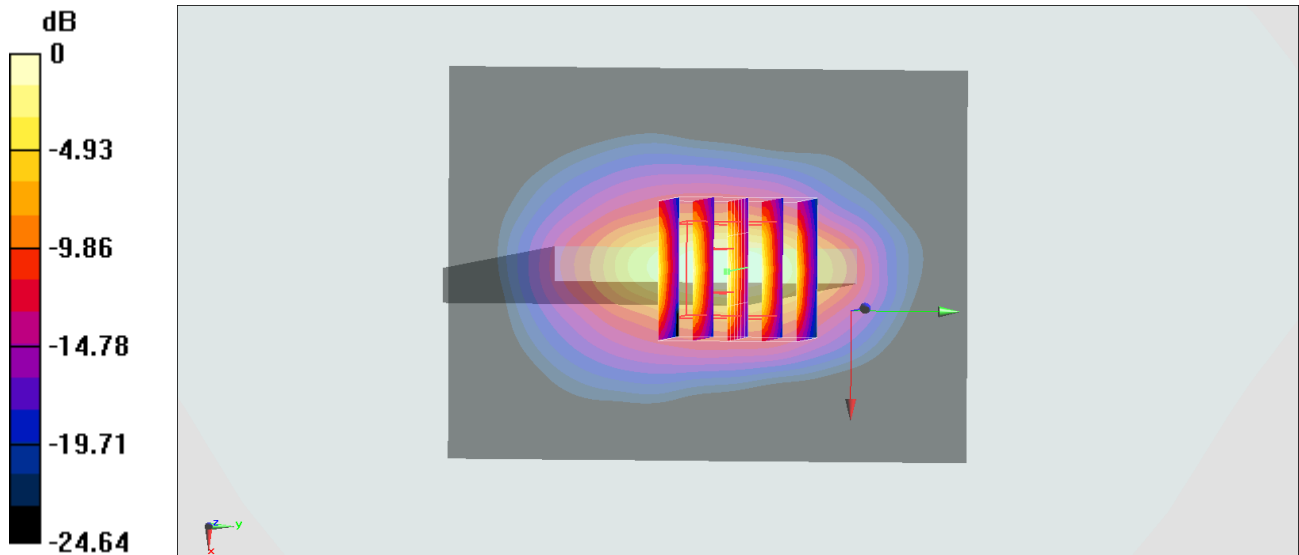
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.333 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.42 W/kg

**SAR(1 g) = 0.691 W/kg; SAR(10 g) = 0.317 W/kg**

Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.16 W/kg = 0.64 dBW/kg

**#21\_WCDMA II\_RMC 12.2Kbps\_Bottom Side\_5mm\_Ch9400**

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

Medium: HSL\_1900\_200202 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.387$  S/m;  $\epsilon_r = 40.376$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.14, 5.14, 5.14) @ 1880 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.64 W/kg

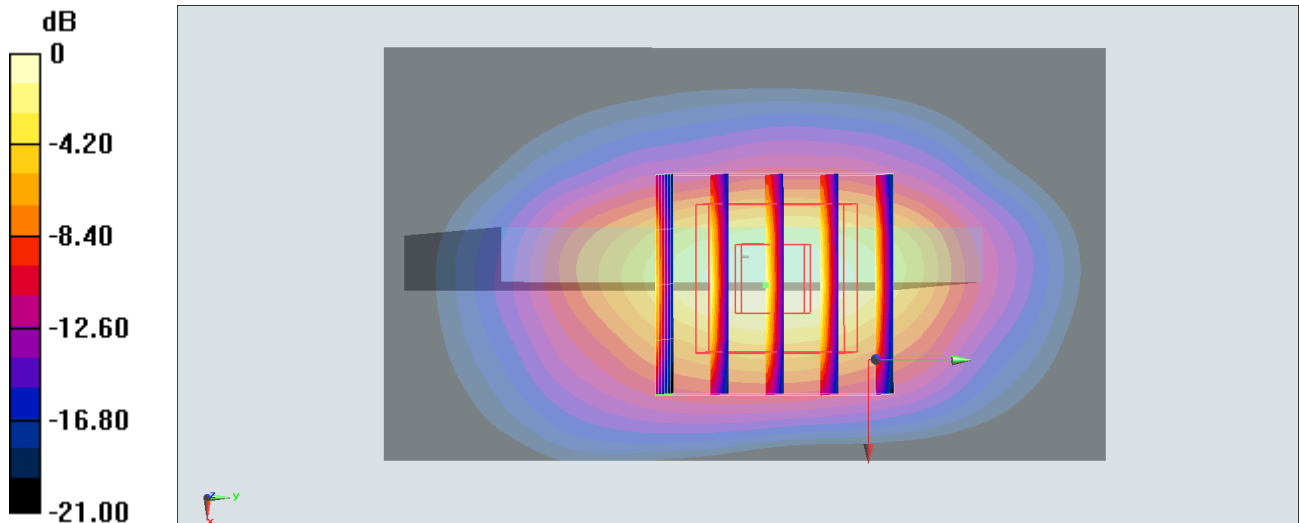
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.37 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.38 W/kg

**SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.567 W/kg**

Maximum value of SAR (measured) = 1.60 W/kg



0 dB = 1.60 W/kg = 2.04 dBW/kg

### #22\_WCDMA V\_RMC 12.2Kbps\_Back\_5mm\_Ch4182

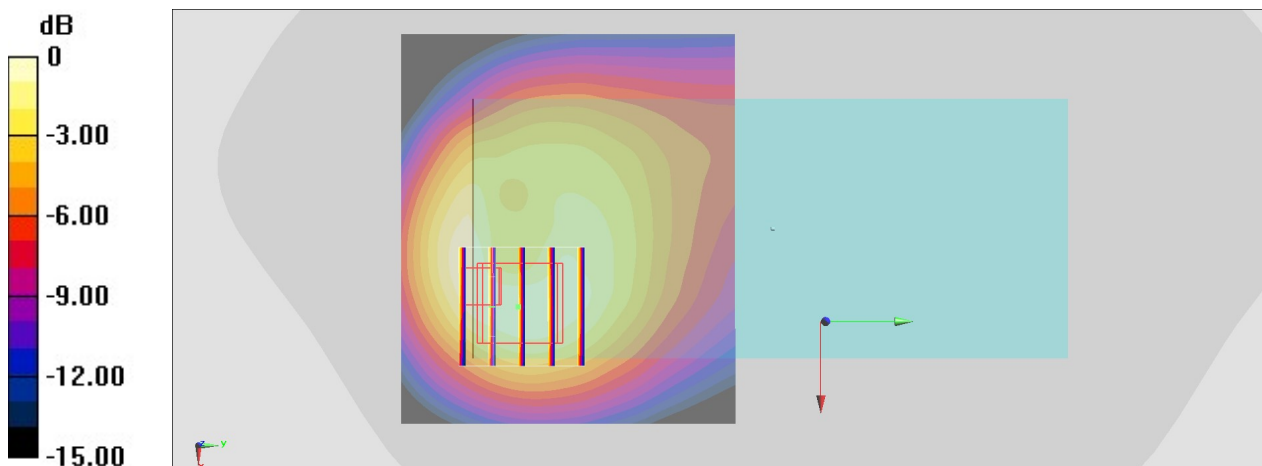
Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_850\_200107 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.887$  S/m;  $\epsilon_r = 42.118$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

#### DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(6.42, 6.42, 6.42) @ 836.4 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.417 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 20.90 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 0.625 W/kg  
**SAR(1 g) = 0.341 W/kg; SAR(10 g) = 0.200 W/kg**  
Maximum value of SAR (measured) = 0.419 W/kg



0 dB = 0.419 W/kg = -3.78 dBW/kg

### #23\_CDMA BC0\_RTAP 153.6Kbps\_Back\_5mm\_Ch777

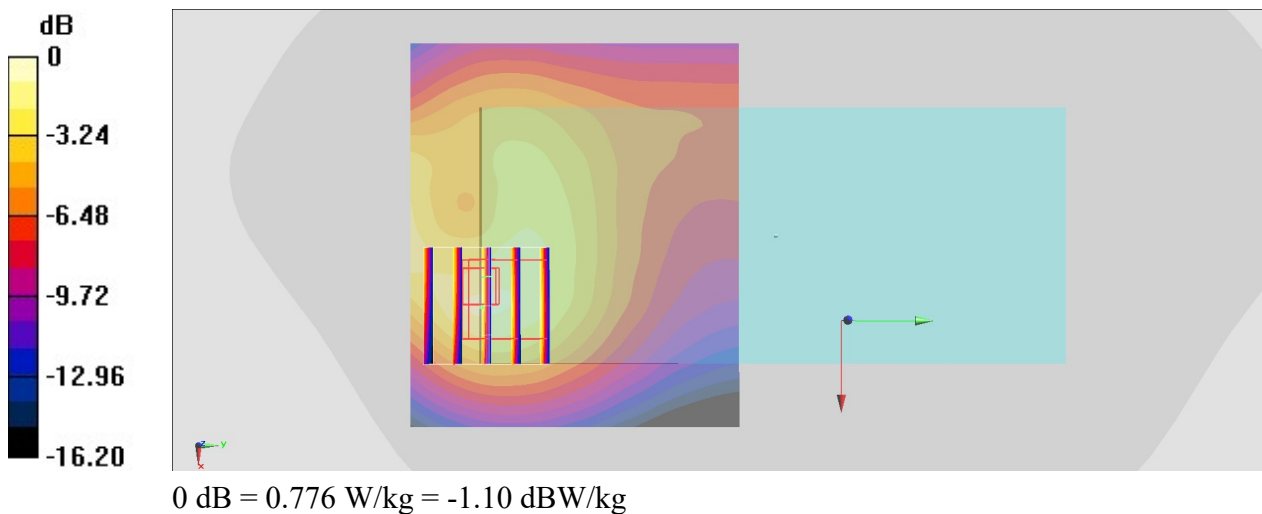
Communication System: CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1  
Medium: HSL\_850\_200107 Medium parameters used :  $f = 848.31 \text{ MHz}$ ;  $\sigma = 0.898 \text{ S/m}$ ;  $\epsilon_r = 41.961$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.4 \text{ }^\circ\text{C}$

#### DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(6.42, 6.42, 6.42) @ 848.31 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x61x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) =  $0.635 \text{ W/kg}$

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $11.69 \text{ V/m}$ ; Power Drift =  $0.05 \text{ dB}$   
Peak SAR (extrapolated) =  $1.16 \text{ W/kg}$   
**SAR(1 g) =  $0.614 \text{ W/kg}$ ; SAR(10 g) =  $0.353 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $0.776 \text{ W/kg}$



## #24\_CDMA BC1\_RTAP 153.6Kbps\_Bottom Side\_5mm\_Ch1175

Communication System: CDMA ; Frequency: 1908.75 MHz;Duty Cycle: 1:1

Medium: HSL\_1900\_200202 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.416$  S/m;  $\epsilon_r = 40.258$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306;ConvF(8.15, 8.15, 8.15); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

**Area Scan (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.78 W/kg

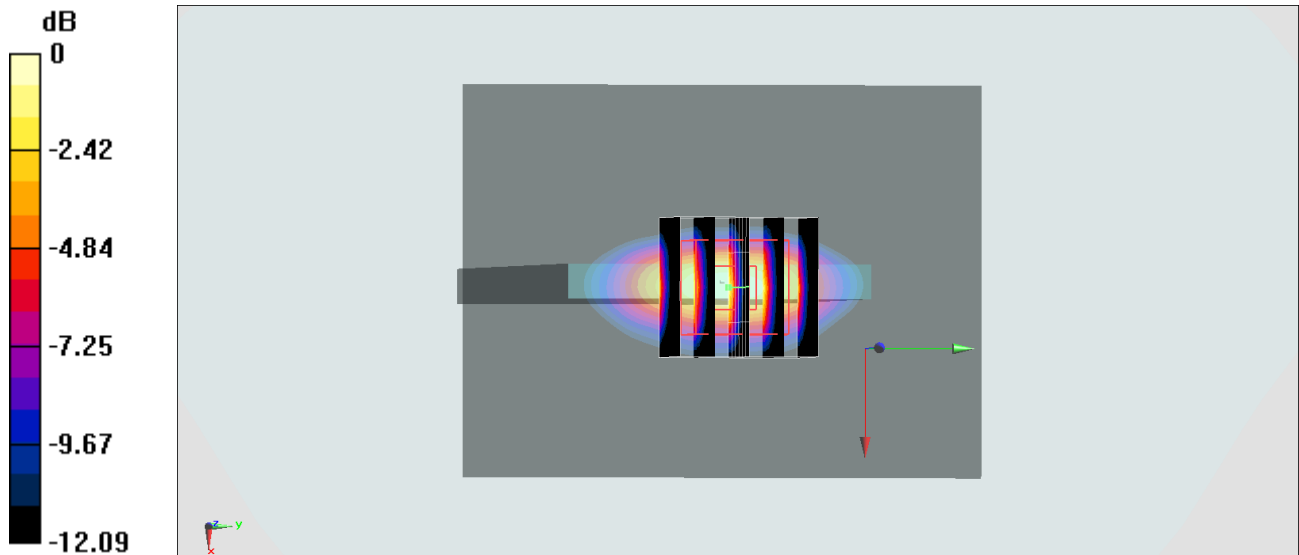
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.029 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.21 W/kg

**SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.489 W/kg**

Maximum value of SAR (measured) = 1.83 W/kg



0 dB = 1.83 W/kg = 2.62 dBW/kg



**#25\_LTE Band 2\_20M\_QPSK\_1\_0\_Bottom Side\_5mm\_Ch18700**

Communication System: Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_200202 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.369$  S/m;  $\epsilon_r = 40.442$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(8.15, 8.15, 8.15); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.65 W/kg

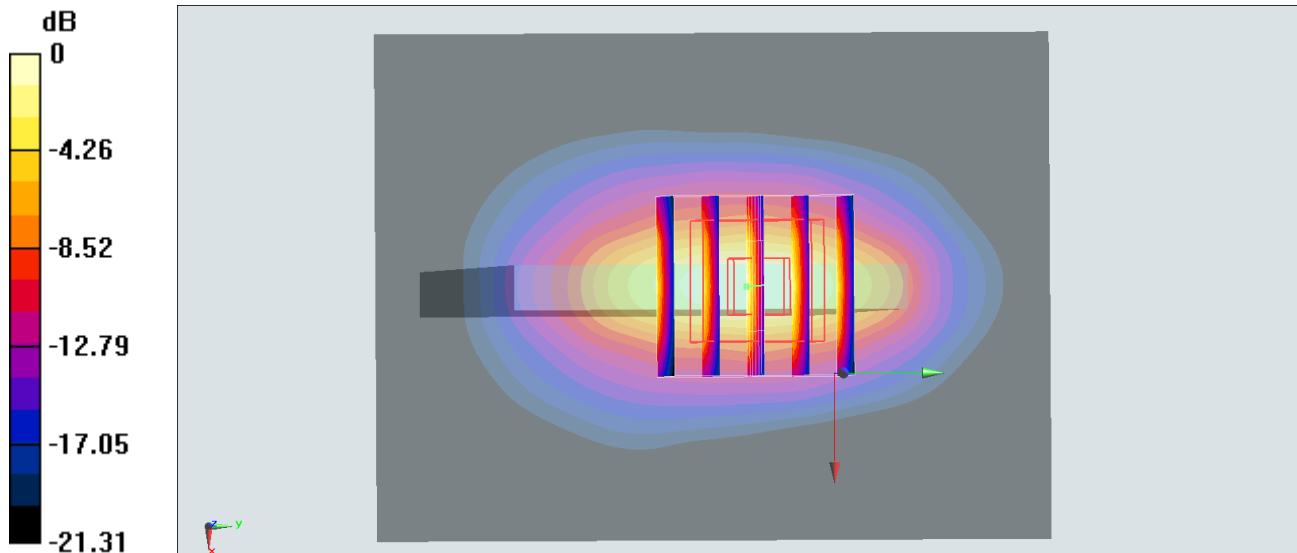
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.62 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.02 W/kg

**SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.505 W/kg**

Maximum value of SAR (measured) = 1.65 W/kg



0 dB = 1.65 W/kg = 2.17 dBW/kg

### #26\_LTE Band 5\_10M\_QPSK\_1\_0\_Back\_5mm\_Ch20525

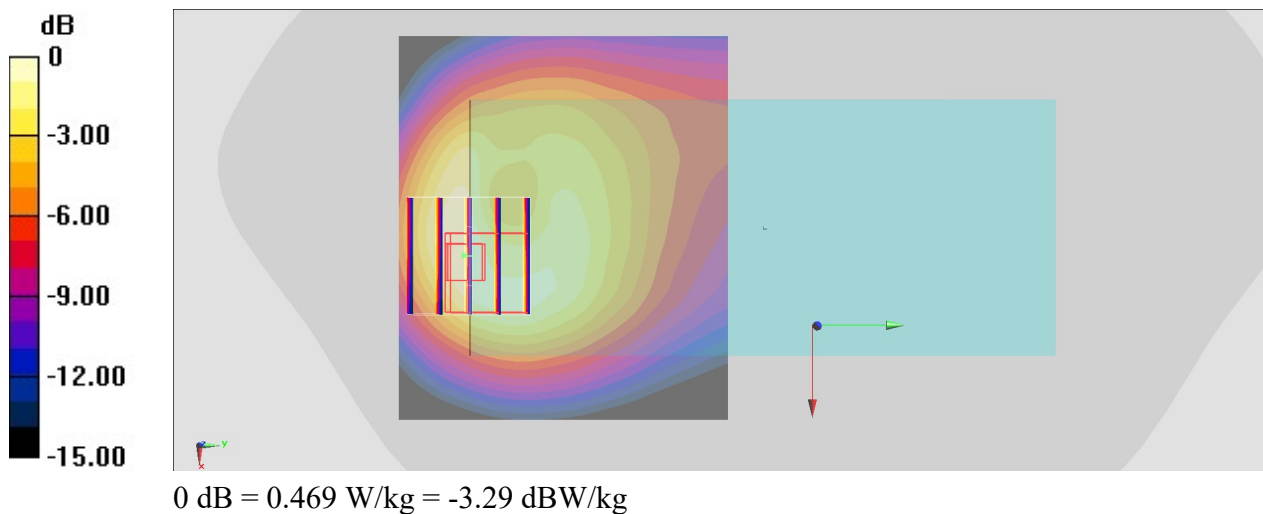
Communication System: LTE ; Frequency: 836.5 MHz;Duty Cycle: 1:1  
Medium: HSL\_850\_200107 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.887$  S/m;  $\epsilon_r = 42.117$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

#### DASY5 Configuration

- Probe: ES3DV3 - SN3169;ConvF(6.42, 6.42, 6.42) @ 836.5 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.485 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 21.37 V/m; Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 0.701 W/kg  
**SAR(1 g) = 0.361 W/kg; SAR(10 g) = 0.205 W/kg**  
Maximum value of SAR (measured) = 0.469 W/kg



### #27\_LTE Band 7\_20M\_QPSK\_50\_0\_Bottom Side\_5mm\_Ch20850

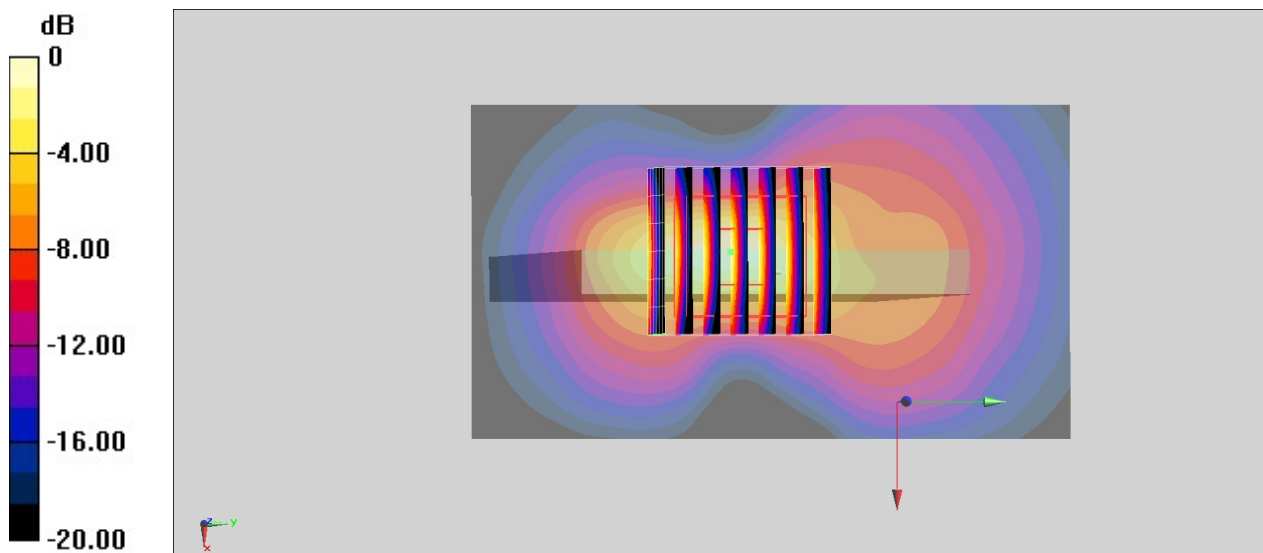
Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1  
Medium: HSL\_2600\_200205 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.841$  S/m;  $\epsilon_r = 38.916$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(4.38, 4.38, 4.38) @ 2510 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (51x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.57 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 25.97 V/m; Power Drift = 0.19 dB  
Peak SAR (extrapolated) = 2.97 W/kg  
**SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.483 W/kg**  
Maximum value of SAR (measured) = 1.68 W/kg



0 dB = 1.68 W/kg = 2.25 dBW/kg

### #28\_LTE Band 12\_10M\_QPSK\_1\_0\_Back\_5mm\_Ch23095

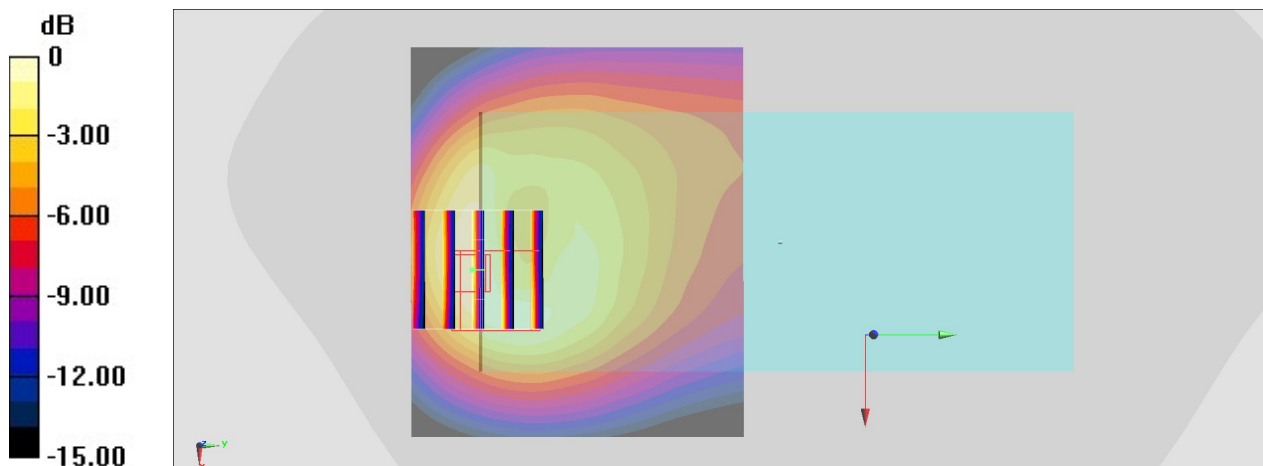
Communication System: LTE ; Frequency: 707.5 MHz;Duty Cycle: 1:1  
Medium: HSL\_750\_200108 Medium parameters used :  $f = 707.5$  MHz;  $\sigma = 0.849$  S/m;  $\epsilon_r = 43.504$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

#### DASY5 Configuration

- Probe: ES3DV3 - SN3169;ConvF(6.68, 6.68, 6.68) @ 707.5 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.433 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 21.91 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 0.651 W/kg  
**SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.170 W/kg**  
Maximum value of SAR (measured) = 0.424 W/kg



0 dB = 0.424 W/kg = -3.73 dBW/kg

### #29\_LTE Band 13\_10M\_QPSK\_1\_0\_Back\_5mm\_Ch23230

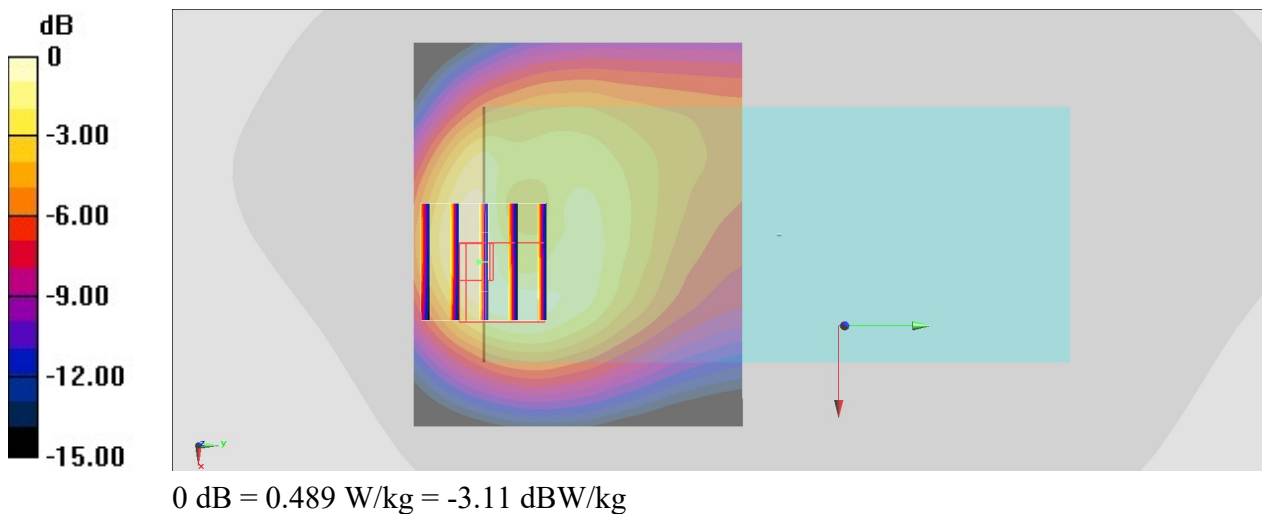
Communication System: LTE ; Frequency: 782 MHz;Duty Cycle: 1:1  
Medium: HSL\_750\_200108 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.917 \text{ S/m}$ ;  $\epsilon_r = 42.552$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.4 \text{ }^\circ\text{C}$

#### DASY5 Configuration

- Probe: ES3DV3 - SN3169;ConvF(6.68, 6.68, 6.68) @ 782 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x61x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) =  $0.507 \text{ W/kg}$

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $22.24 \text{ V/m}$ ; Power Drift =  $0.02 \text{ dB}$   
Peak SAR (extrapolated) =  $0.752 \text{ W/kg}$   
**SAR(1 g) =  $0.376 \text{ W/kg}$ ; SAR(10 g) =  $0.205 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $0.489 \text{ W/kg}$



**#30\_LTE Band 66\_20M\_QPSK\_1\_0\_Bottom Side\_5mm\_Ch132572**

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

Medium: HSL\_1750\_200203 Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.413$  S/m;  $\epsilon_r = 40.638$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306;ConvF(8.51, 8.51, 8.51); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

**Area Scan (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.69 W/kg

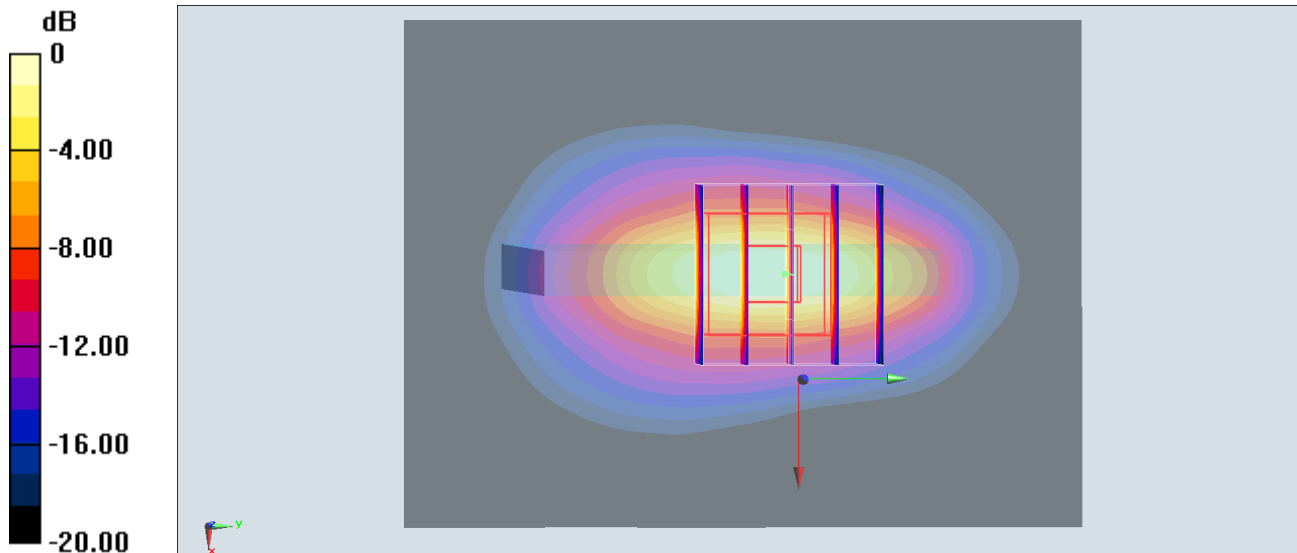
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.57 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 2.05 W/kg

**SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.494 W/kg**

Maximum value of SAR (measured) = 1.66 W/kg



0 dB = 1.66 W/kg = 2.2 dBW/kg

**#31\_LTE Band 48\_20M\_QPSK\_50\_0\_Top Side\_5mm\_Ch56150**

Communication System: LTE; Frequency: 3641 MHz; Duty Cycle: 1:1.59

Medium: HSL\_3500\_200204 Medium parameters used:  $f = 3641$  MHz;  $\sigma = 3.066$  S/m;  $\epsilon_r = 38.932$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(6.91, 6.91, 6.91) @ 3641 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (51x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.38 W/kg

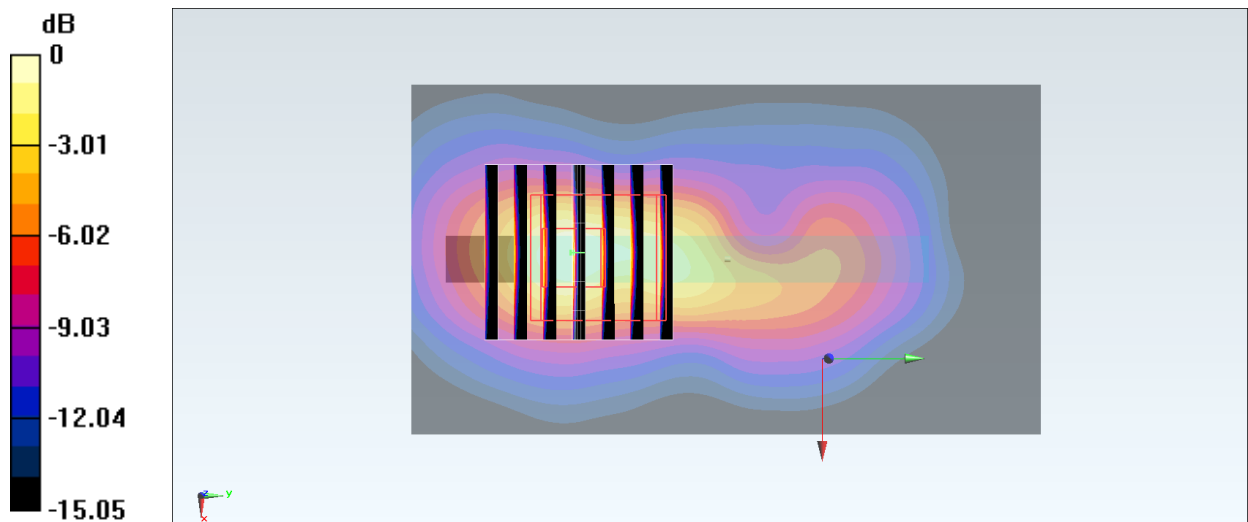
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 19.29 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.60 W/kg

**SAR(1 g) = 0.774 W/kg; SAR(10 g) = 0.264 W/kg**

Maximum value of SAR (measured) = 1.72 W/kg



0 dB = 1.38 W/kg = 1.40 dBW/kg

### #32\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_5mm\_Ch1;Ant 4+6

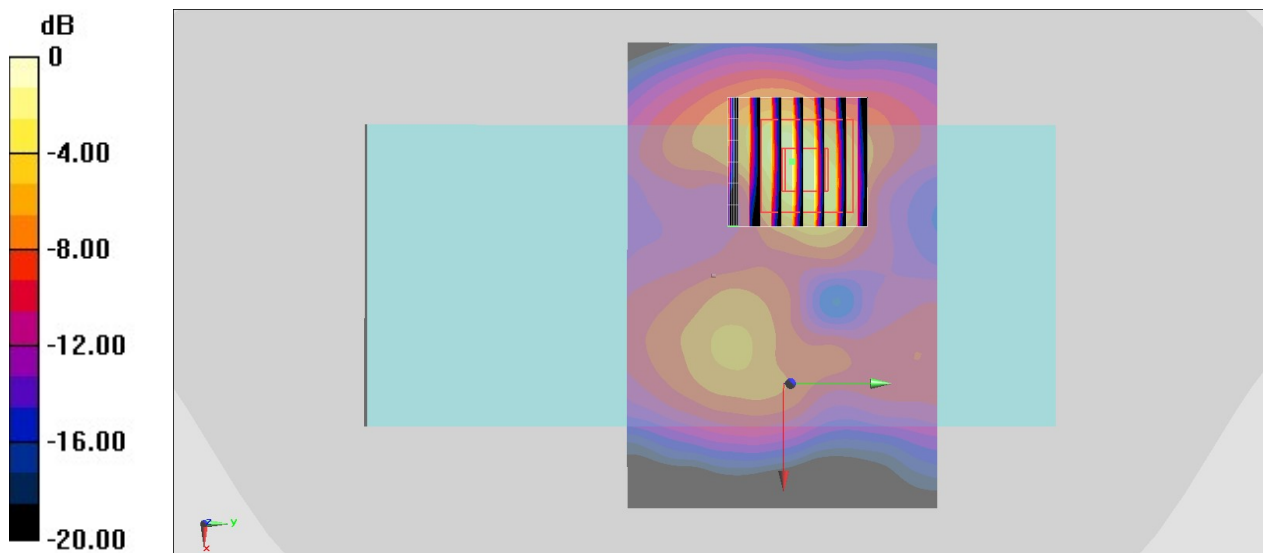
Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1.015  
Medium: HSL\_2450\_200204 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.786$  S/m;  $\epsilon_r = 38.929$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(4.54, 4.54, 4.54) @ 2412 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (91x61x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.304 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 7.329 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 0.844 W/kg  
**SAR(1 g) = 0.317 W/kg; SAR(10 g) = 0.111 W/kg**  
Maximum value of SAR (measured) = 0.424 W/kg



0 dB = 0.424 W/kg = -3.73 dBW/kg



### #33\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_5mm\_Ch42;Ant 3+6

Communication System: 802.11ac; Frequency: 5210 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_200203 Medium parameters used :  $f = 5210$  MHz;  $\sigma = 4.672$  S/m;  $\epsilon_r = 36.085$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3931; ConvF(5.08, 5.08, 5.08) @ 5210 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (101x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.496 W/kg

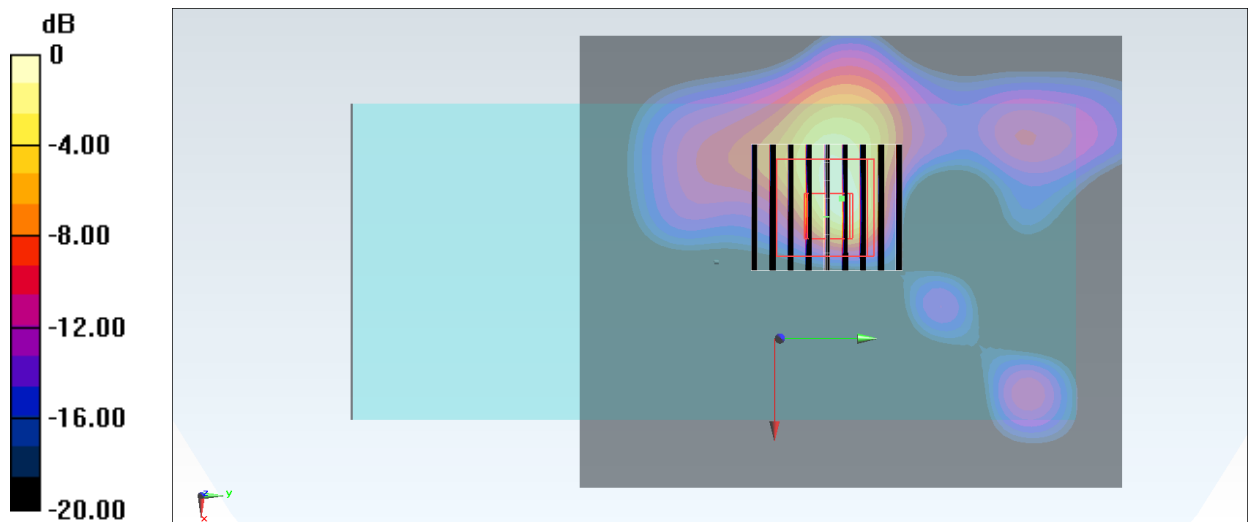
**Zoom Scan (8x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.187 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.70 W/kg

**SAR(1 g) = 0.280 W/kg; SAR(10 g) = 0.049 W/kg**

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



0 dB = 0.496 W/kg = -3.05 dBW/kg

**#34\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_5mm\_Ch155;Ant 3+6**

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_200203 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.109$  S/m;  $\epsilon_r = 35.322$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.75, 4.75, 4.75) @ 5775 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (101x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

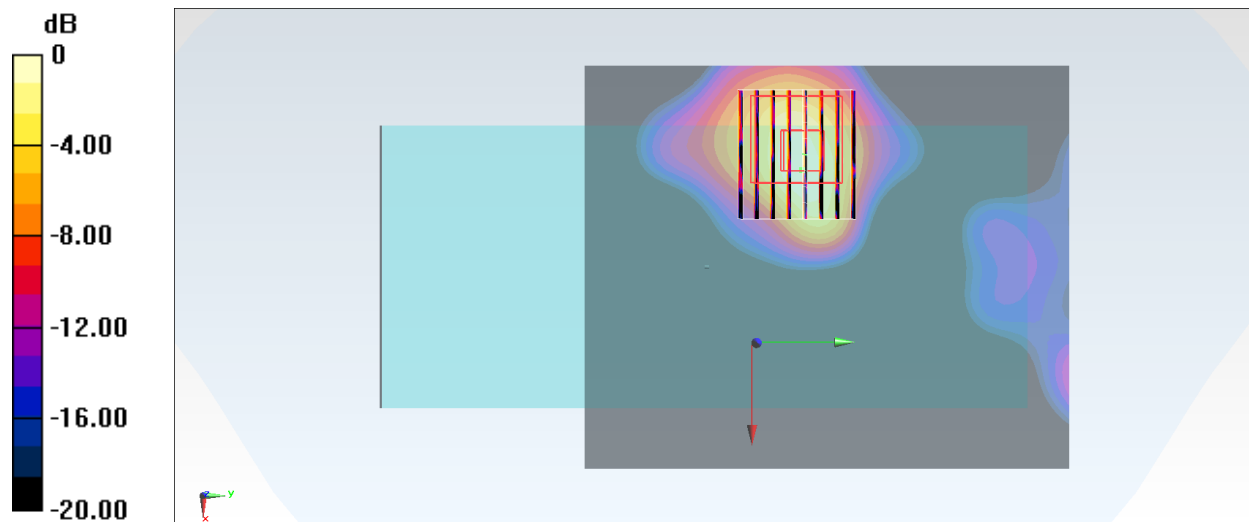
**Zoom Scan (9x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.009 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.41 W/kg

**SAR(1 g) = 0.248 W/kg; SAR(10 g) = 0.057 W/kg**

Maximum value of SAR (measured) = 0.775 W/kg



0 dB = 0.500 W/kg = -3.01 dBW/kg

### #35\_Bluetooth\_1M\_Back\_5mm\_Ch39

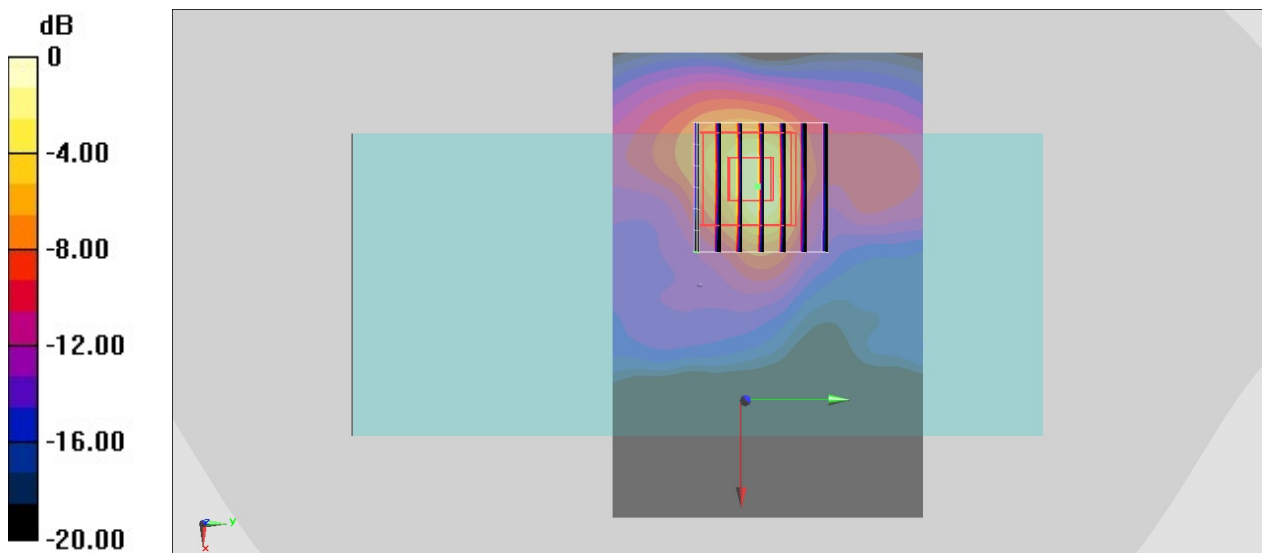
Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.301  
Medium: HSL\_2450\_200204 Medium parameters used :  $f = 2441$  MHz;  $\sigma = 1.817$  S/m;  $\epsilon_r = 38.812$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(4.54, 4.54, 4.54) @ 2441 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (91x61x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.181 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 4.797 V/m; Power Drift = -0.00 dB  
Peak SAR (extrapolated) = 0.510 W/kg  
**SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.056 W/kg**  
Maximum value of SAR (measured) = 0.242 W/kg



0 dB = 0.242 W/kg = -6.16 dBW/kg