

### #01\_GSM850\_GPRS (2 Tx slots)\_Right Cheek\_Ch189

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4.15

Medium: HSL\_850\_210122 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.872$  mho/m;  $\epsilon_r = 40.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.31, 6.31, 6.31); Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.398 mW/g

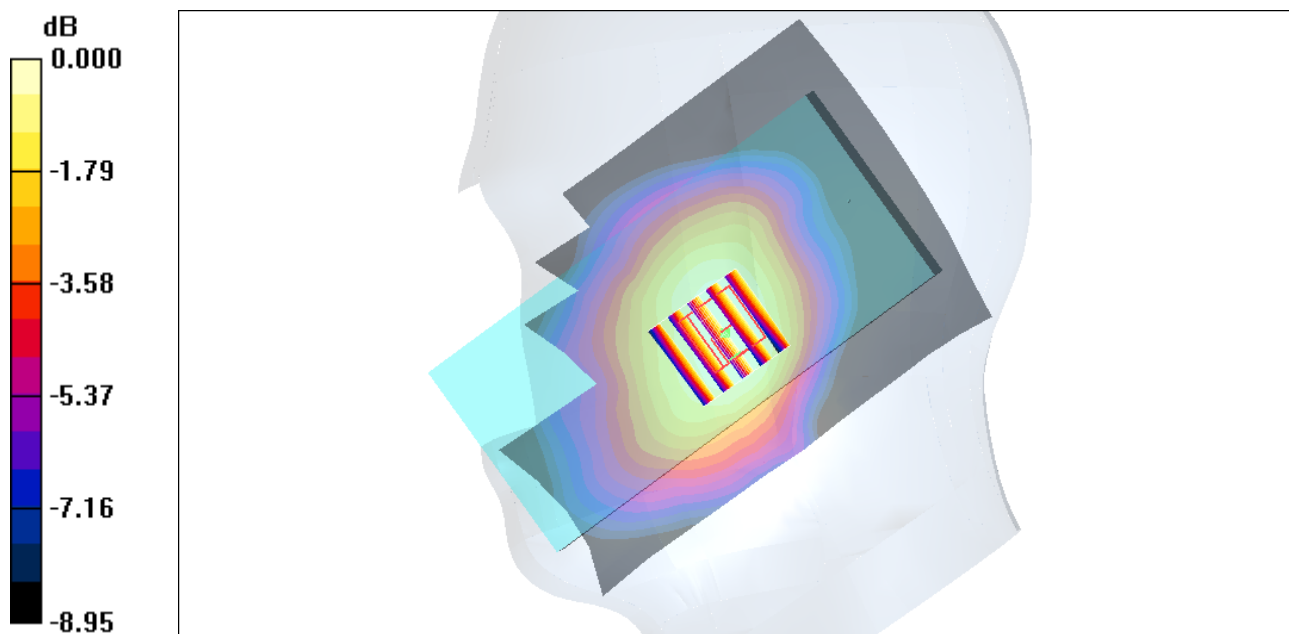
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.57 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.444 W/kg

**SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.263 mW/g**

Maximum value of SAR (measured) = 0.388 mW/g



0 dB = 0.388mW/g

### #02\_GSM1900\_GPRS (2 Tx slots)\_Right Cheek\_Ch810

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium: HSL\_1900\_210122 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.1, 5.1, 5.1); Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.088 mW/g

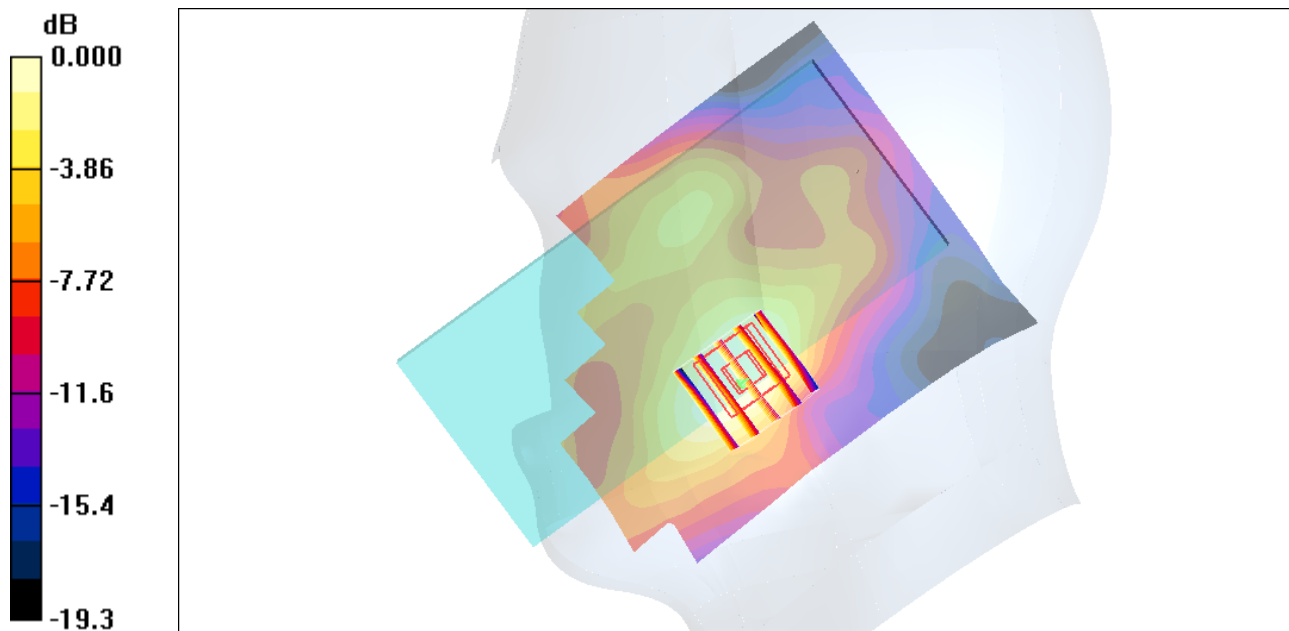
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.70 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.104 W/kg

**SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.041 mW/g**

Maximum value of SAR (measured) = 0.076 mW/g



0 dB = 0.076mW/g

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

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_210122 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.1, 5.1, 5.1); Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.149 mW/g

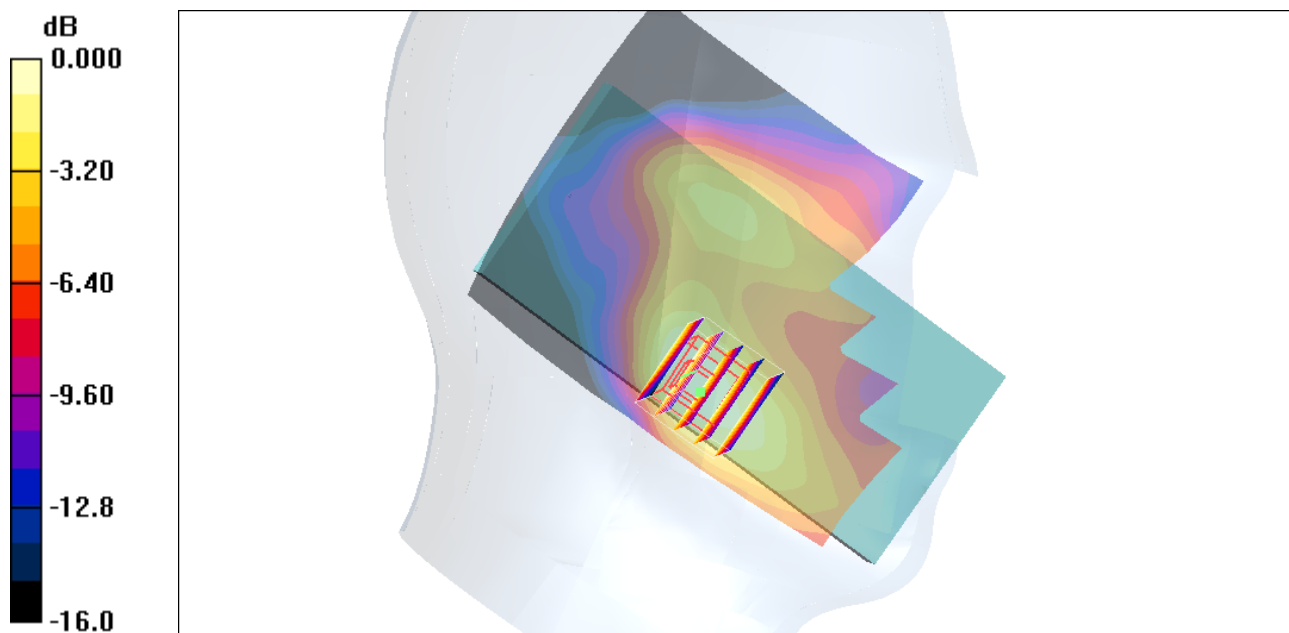
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.89 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.198 W/kg

**SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.075 mW/g**

Maximum value of SAR (measured) = 0.148 mW/g



### #04\_WCDMA IV\_RMC 12.2Kbps\_Left Cheek\_Ch1513

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_210122 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.28, 5.28, 5.28); Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.183 mW/g

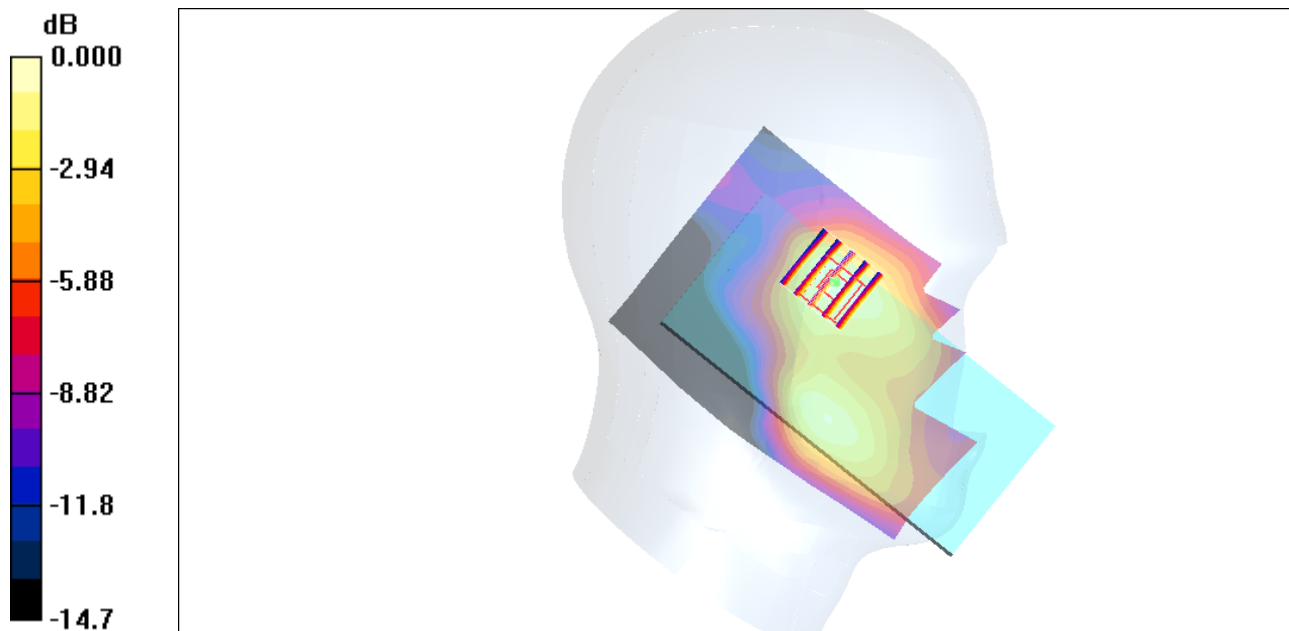
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.71 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.230 W/kg

**SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.102 mW/g**

Maximum value of SAR (measured) = 0.187 mW/g



0 dB = 0.187mW/g

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

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_210122 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.882$  mho/m;  $\epsilon_r = 40.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.31, 6.31, 6.31); Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.446 mW/g

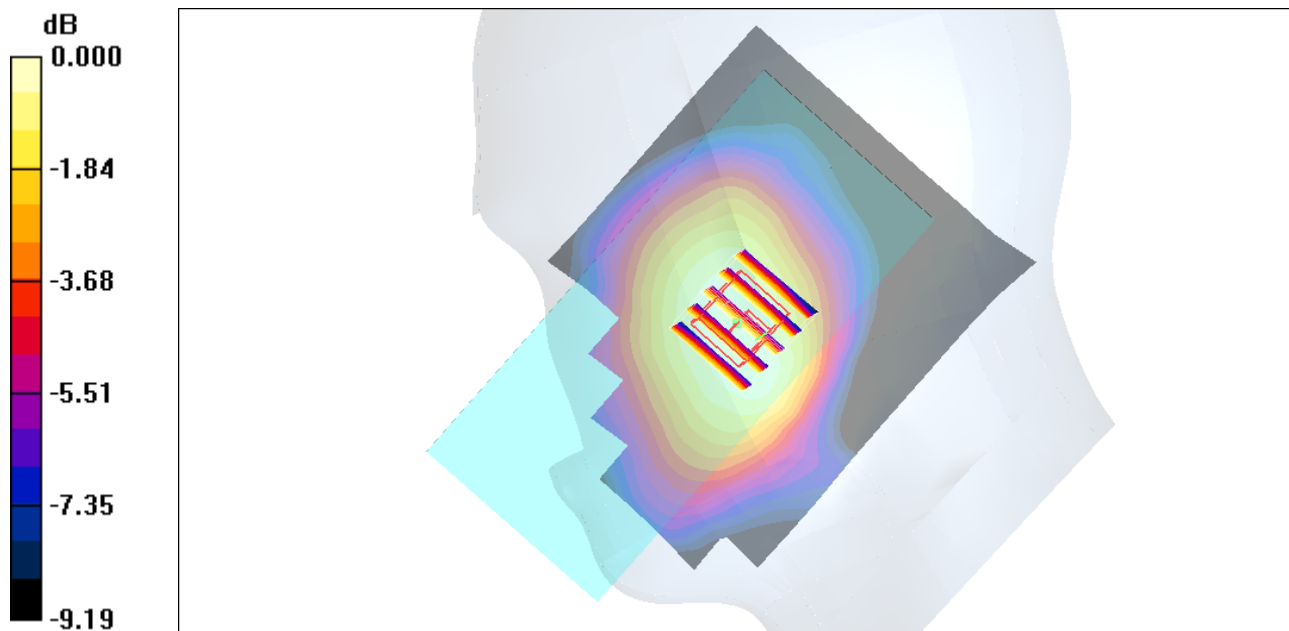
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.29 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.510 W/kg

**SAR(1 g) = 0.393 mW/g; SAR(10 g) = 0.300 mW/g**

Maximum value of SAR (measured) = 0.436 mW/g



0 dB = 0.436mW/g

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

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

Medium: HSL\_1900\_210122 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.1, 5.1, 5.1); Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.209 mW/g

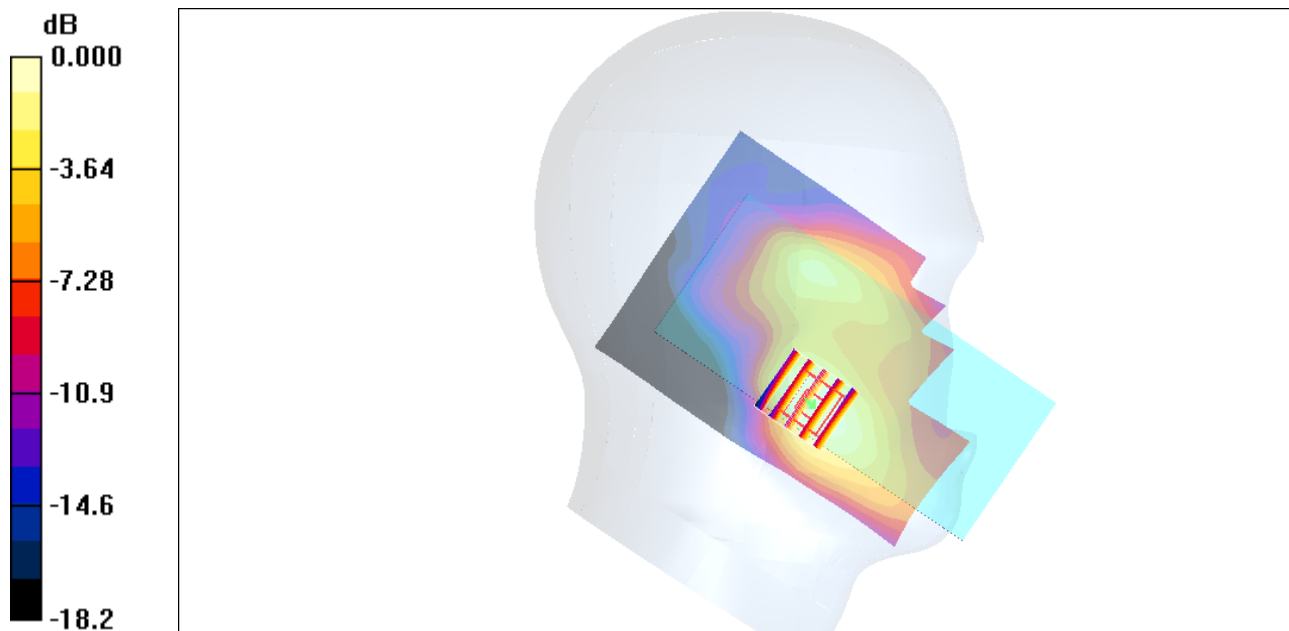
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.01 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.252 W/kg

**SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.101 mW/g**

Maximum value of SAR (measured) = 0.193 mW/g



0 dB = 0.193mW/g

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

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

Medium: HSL\_850\_210122 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.872$  mho/m;  $\epsilon_r = 40.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.31, 6.31, 6.31); Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.322 mW/g

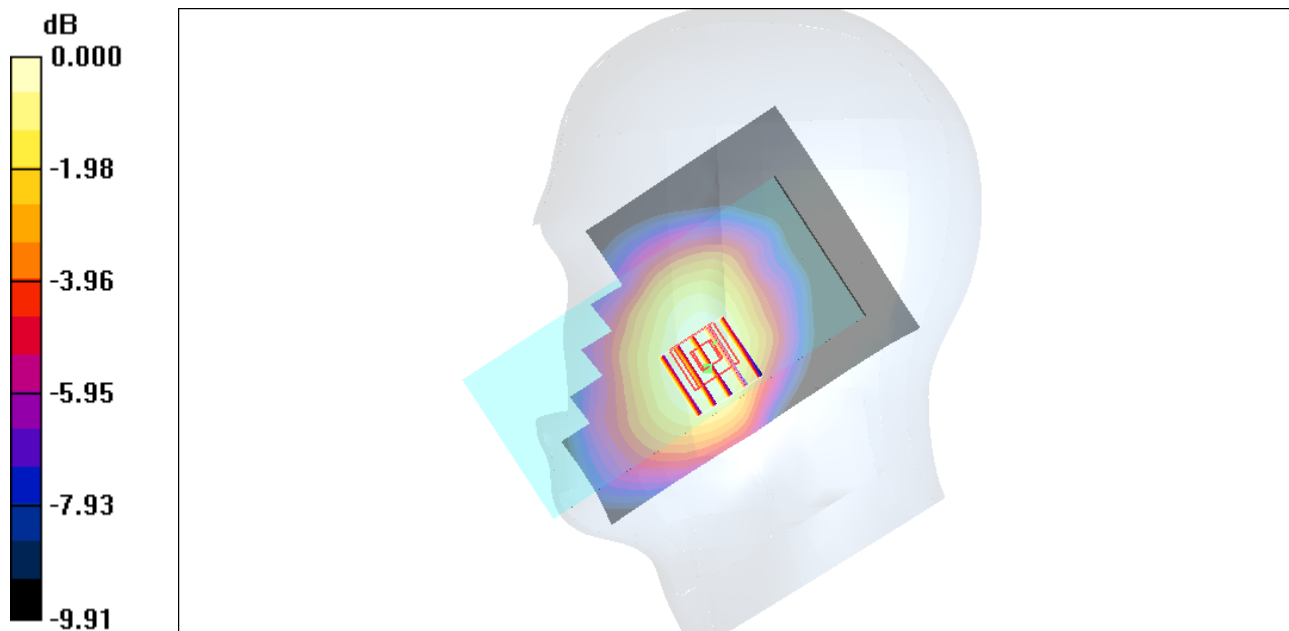
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.69 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.373 W/kg

**SAR(1 g) = 0.294 mW/g; SAR(10 g) = 0.224 mW/g**

Maximum value of SAR (measured) = 0.318 mW/g



0 dB = 0.318mW/g

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

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

Medium: HSL\_2600\_210122 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.95$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.36, 4.36, 4.36); Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x141x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.756 mW/g

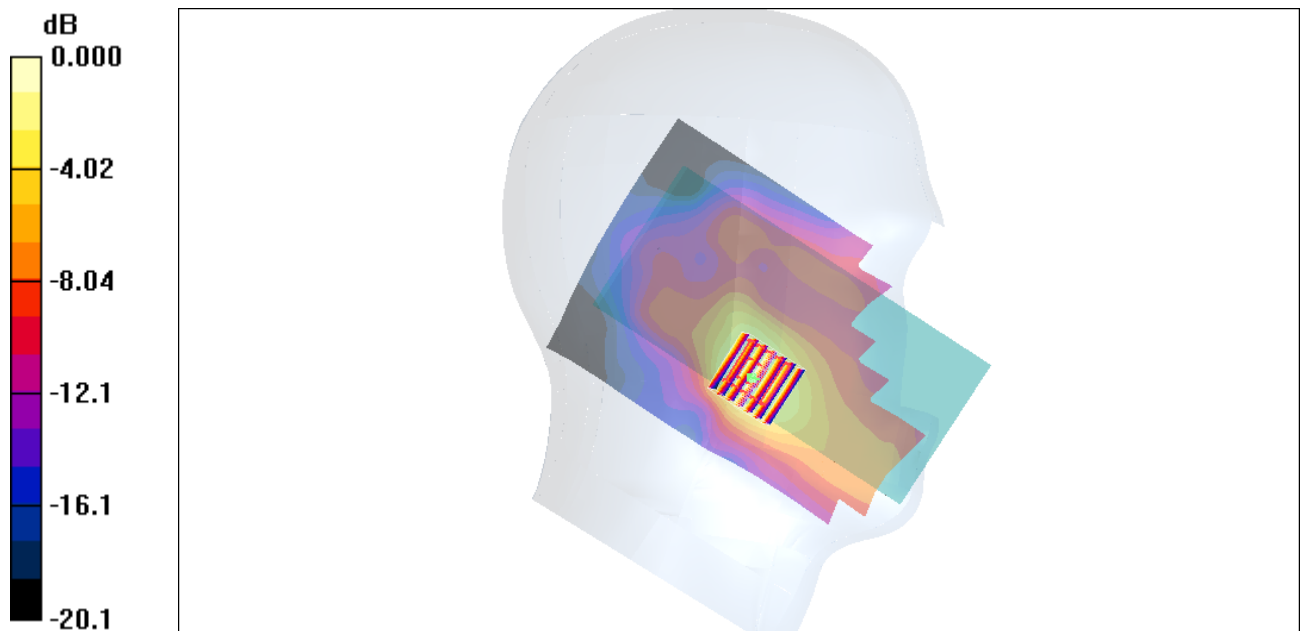
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.11 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.02 W/kg

**SAR(1 g) = 0.596 mW/g; SAR(10 g) = 0.323 mW/g**

Maximum value of SAR (measured) = 0.740 mW/g



0 dB = 0.740mW/g



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

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

Medium: HSL\_750\_210122 Medium parameters used :  $f = 707.5$  MHz;  $\sigma = 0.868$  mho/m;  $\epsilon_r = 43.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.57, 6.57, 6.57); Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.203 mW/g

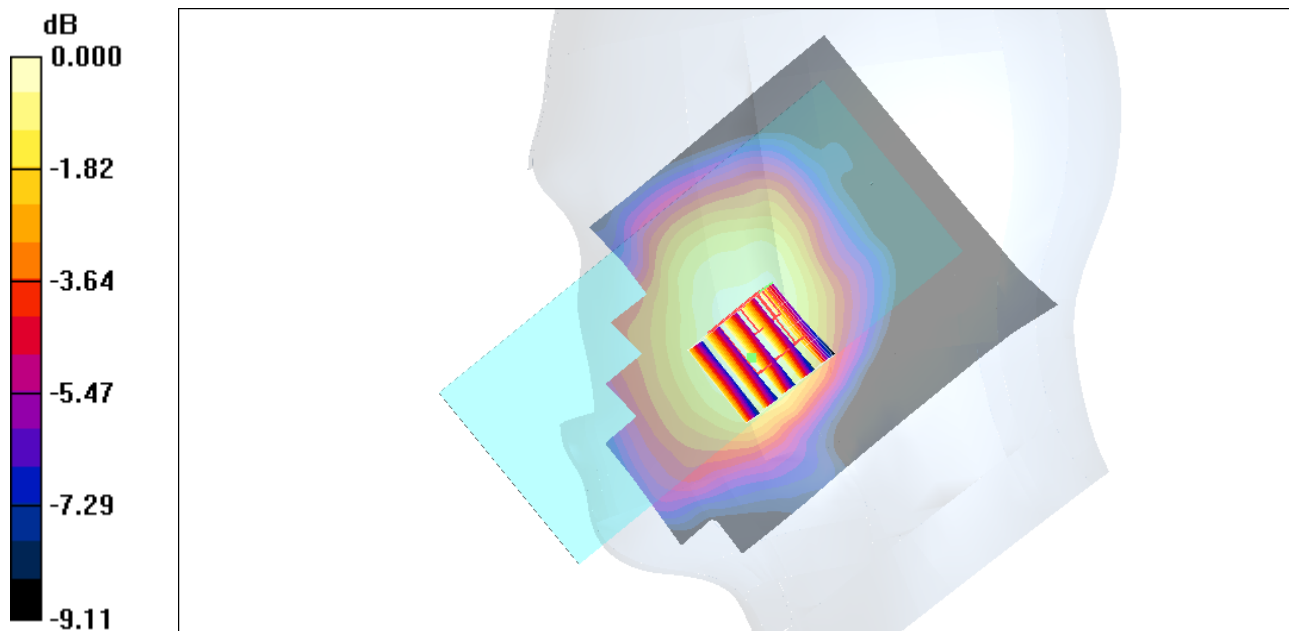
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.17 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.232 W/kg

**SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.136 mW/g**

Maximum value of SAR (measured) = 0.204 mW/g



0 dB = 0.204mW/g

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

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

Medium: HSL\_750\_210122 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.917 \text{ mho/m}$ ;  $\epsilon_r = 42.7$ ;  $\rho = 1000 \text{ kg/m}^3$

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

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.57, 6.57, 6.57); Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.249 mW/g

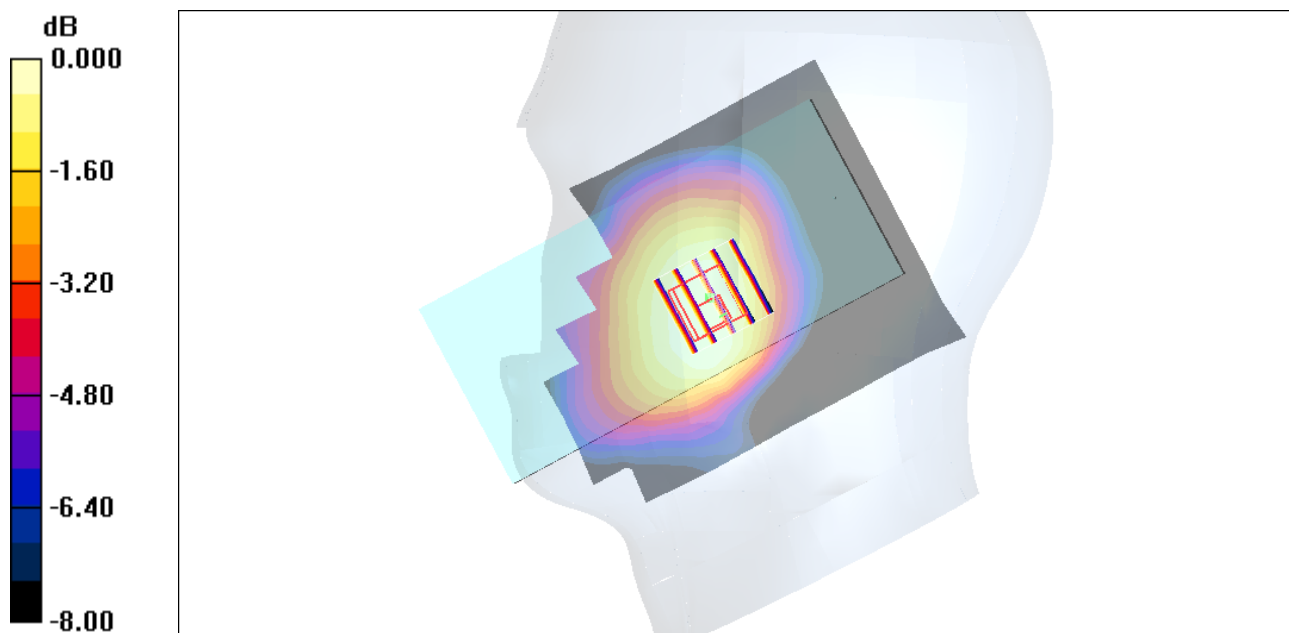
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 4.91 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.285 W/kg

**SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.170 mW/g**

Maximum value of SAR (measured) = 0.244 mW/g



0 dB = 0.244mW/g

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

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

Medium: HSL\_1750\_210122 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.35$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.28, 5.28, 5.28); Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.166 mW/g

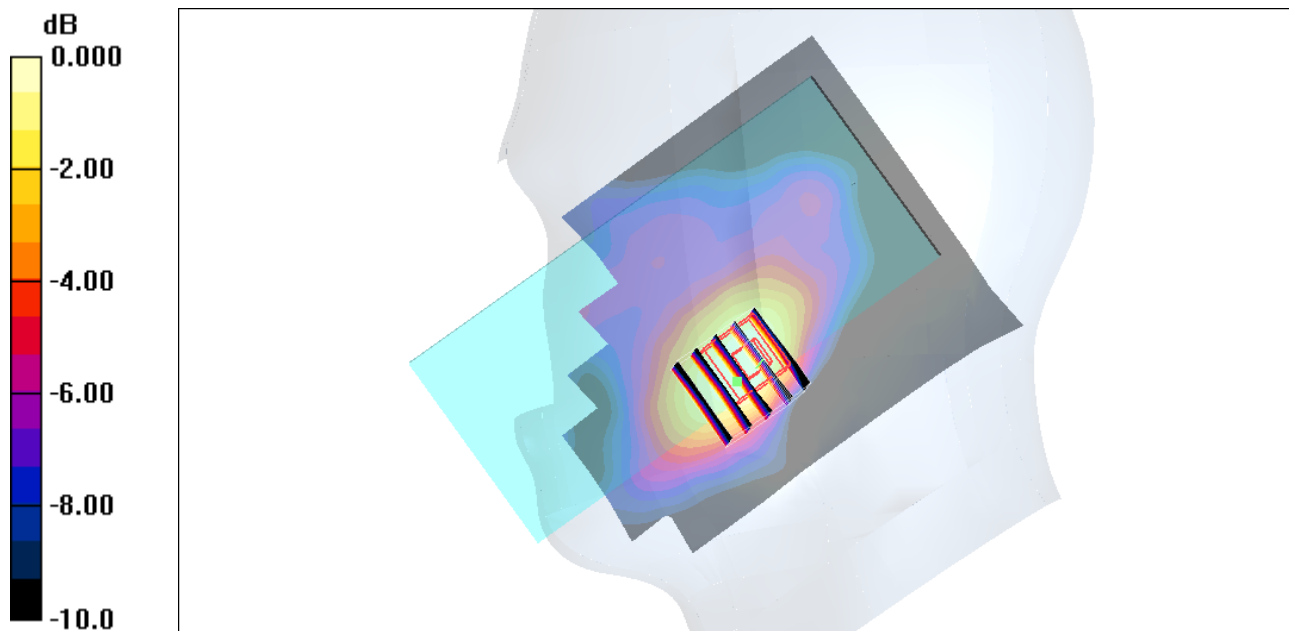
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.37 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.207 W/kg

**SAR(1 g) = 0.136 mW/g; SAR(10 g) = 0.085 mW/g**

Maximum value of SAR (measured) = 0.158 mW/g



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

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: HSL\_2450\_210203 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.803$  S/m;  $\epsilon_r = 38.594$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642;ConvF(7.11, 7.11, 7.11) @ 2462 MHz;Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.54 W/kg

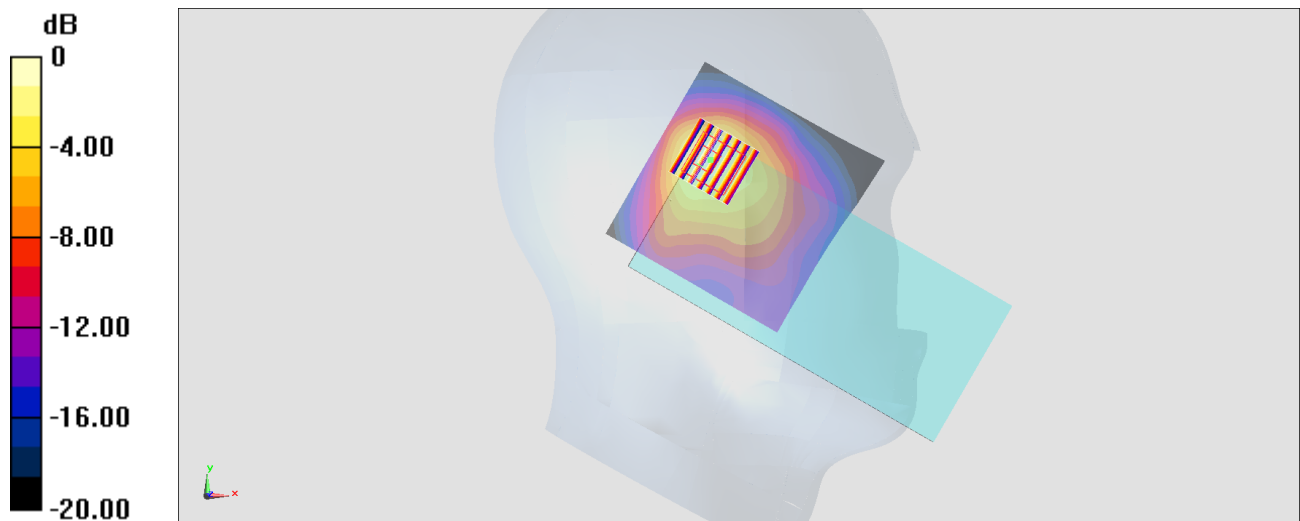
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.080 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.86 W/kg

**SAR(1 g) = 0.929 W/kg; SAR(10 g) = 0.481 W/kg**

Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.54 W/kg = 1.88 dBW/kg

**#13\_WLAN5GHz\_802.11a 6Mbps\_Left Tilted\_Ch64**

Communication System: 802.11a ; Frequency: 5320 MHz;Duty Cycle: 1:1.018

Medium: HSL\_5G\_210121 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 4.712$  S/m;  $\epsilon_r = 36.96$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(5.19, 5.19, 5.19) @ 5320 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2020/11/23
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x201x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.812 W/kg

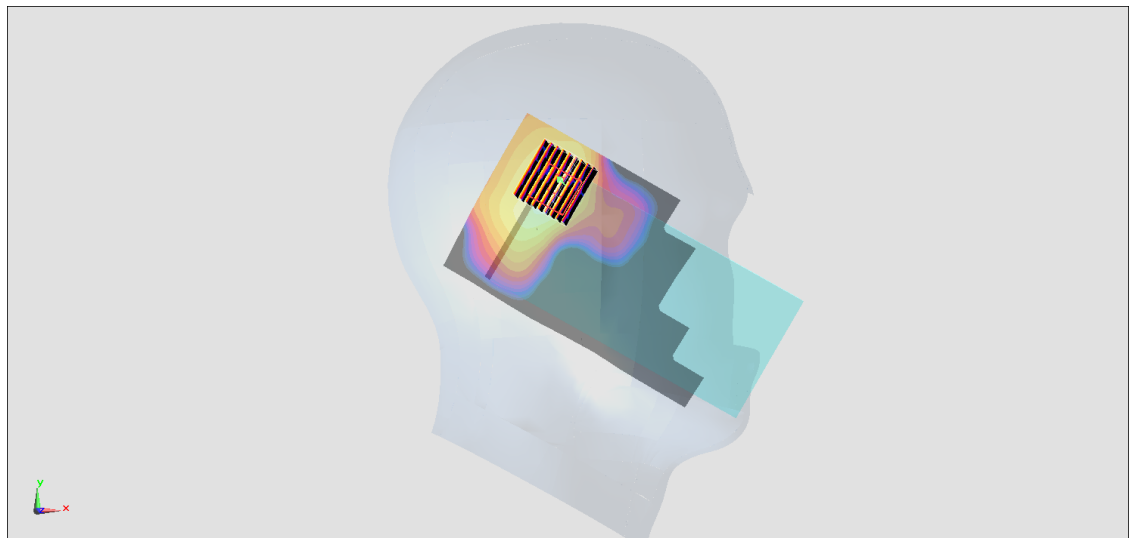
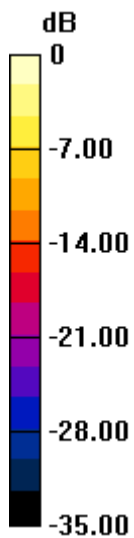
**Zoom Scan (9x10x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.484 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.25 W/kg

**SAR(1 g) = 0.308 W/kg; SAR(10 g) = 0.108 W/kg**

Maximum value of SAR (measured) = 0.710 W/kg



0 dB = 0.710 W/kg = -1.49 dBW/kg

**#14\_WLAN5GHz\_802.11a\_6Mbps\_Left Tilted\_Ch124**

Communication System: 802.11a; Frequency: 5620 MHz; Duty Cycle: 1:1.018

Medium: HSL\_5G\_210204 Medium parameters used :  $f = 5620$  MHz;  $\sigma = 5.019$  S/m;  $\epsilon_r = 36.448$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.19, 4.19, 4.19) @ 5620 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.67 W/kg

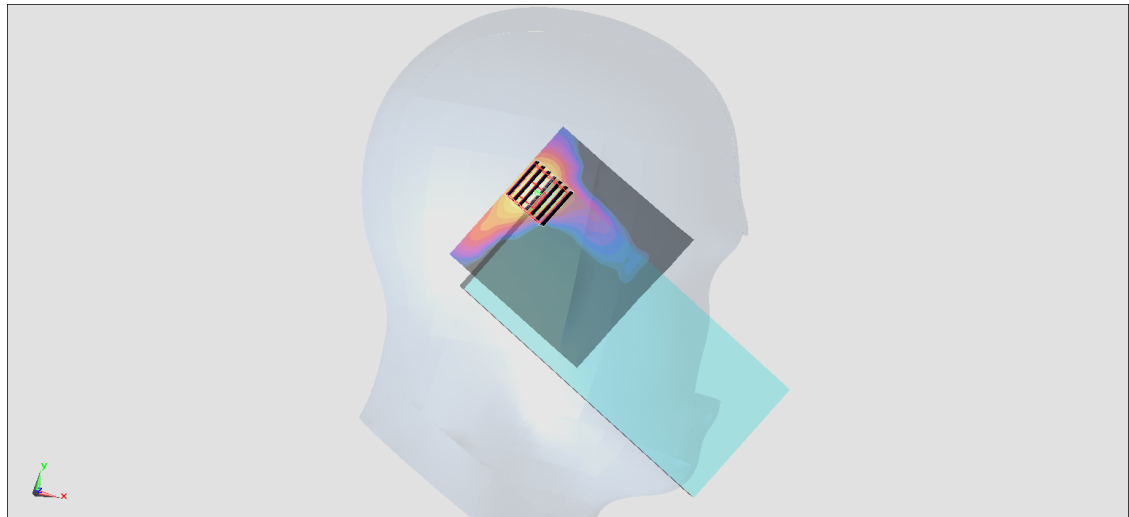
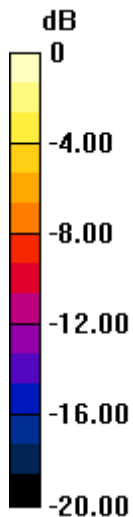
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.809 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.26 W/kg

**SAR(1 g) = 0.740 W/kg; SAR(10 g) = 0.215 W/kg**

Maximum value of SAR (measured) = 1.87 W/kg



0 dB = 1.67 W/kg = 2.23 dBW/kg

**#15\_WLAN5GHz\_802.11a\_6Mbps\_Left Tilted\_Ch165**

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1.018

Medium: HSL\_5G\_210204 Medium parameters used :  $f = 5825$  MHz;  $\sigma = 5.229$  S/m;  $\epsilon_r = 36.169$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.17, 4.17, 4.17) @ 5825 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

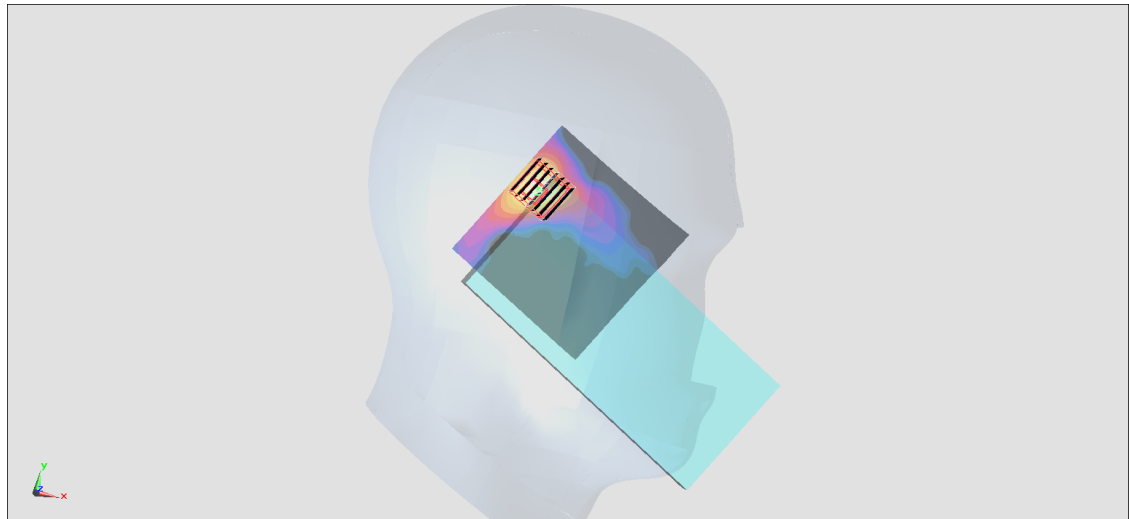
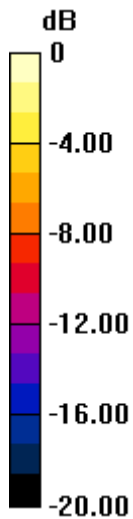
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.381 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 4.38 W/kg

**SAR(1 g) = 0.921 W/kg; SAR(10 g) = 0.253 W/kg**

Maximum value of SAR (measured) = 2.36 W/kg



0 dB = 2.13 W/kg = 3.28 dBW/kg

## #16\_Bluetooth\_1Mbps\_Left Cheek\_Ch0

Communication System:Bluetooth; Frequency: 2402 MHz;Duty Cycle: 1:1.301

Medium: HSL\_2450\_210205 Medium parameters used :  $f = 2402$  MHz;  $\sigma = 1.727$ S/m;  $\epsilon_r = 40.028$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

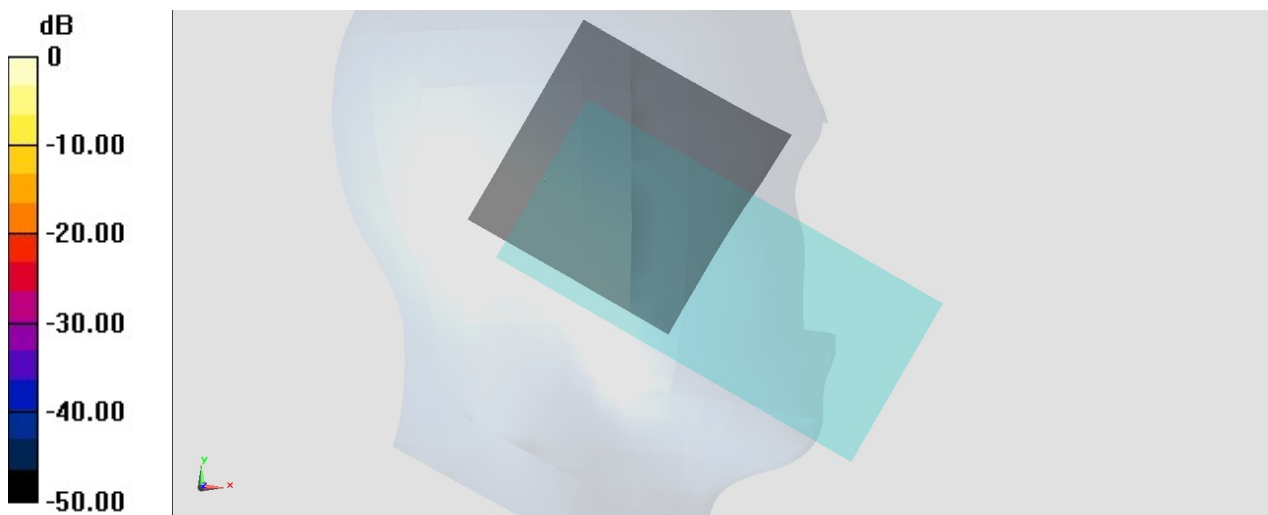
- Probe: EX3DV4 - SN3642; ConvF(7.11, 7.11, 7.11) @ 2402 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

**Fast SAR: SAR(1 g) = 0 W/kg; SAR(10 g) = 0 W/kg**

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



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



### #17\_GSM850\_GPRS (2 Tx slots)\_Back\_5mm\_Ch128

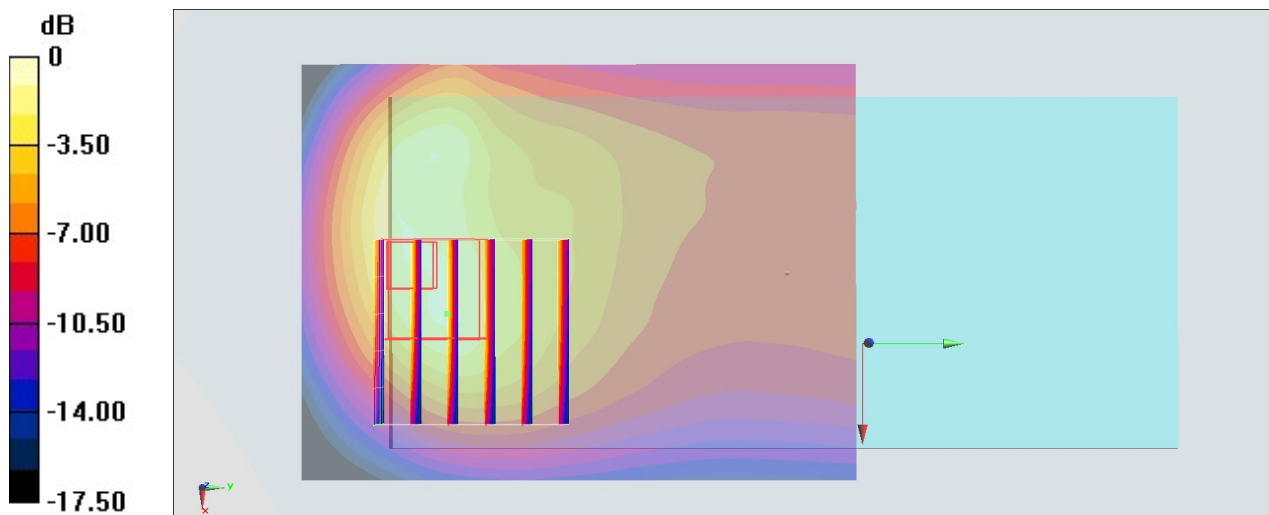
Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4.15  
 Medium: HSL\_850\_210126 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.917$  S/m;  $\epsilon_r = 41.193$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3169; ConvF(6.31, 6.31, 6.31); Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 1.44 W/kg

**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 19.89 V/m; Power Drift = -0.19 dB  
 Peak SAR (extrapolated) = 2.59 W/kg  
**SAR(1 g) = 1.33 W/kg; SAR(10 g) = 0.713 W/kg**  
 Maximum value of SAR (measured) = 1.80 W/kg



0 dB = 1.80 W/kg = 2.55 dBW/kg

### #18\_GSM1900\_GPRS (2 Tx slots)\_Back\_5mm\_Ch661

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

Medium: HSL\_1900\_210123 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.1, 5.1, 5.1); Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.28 mW/g

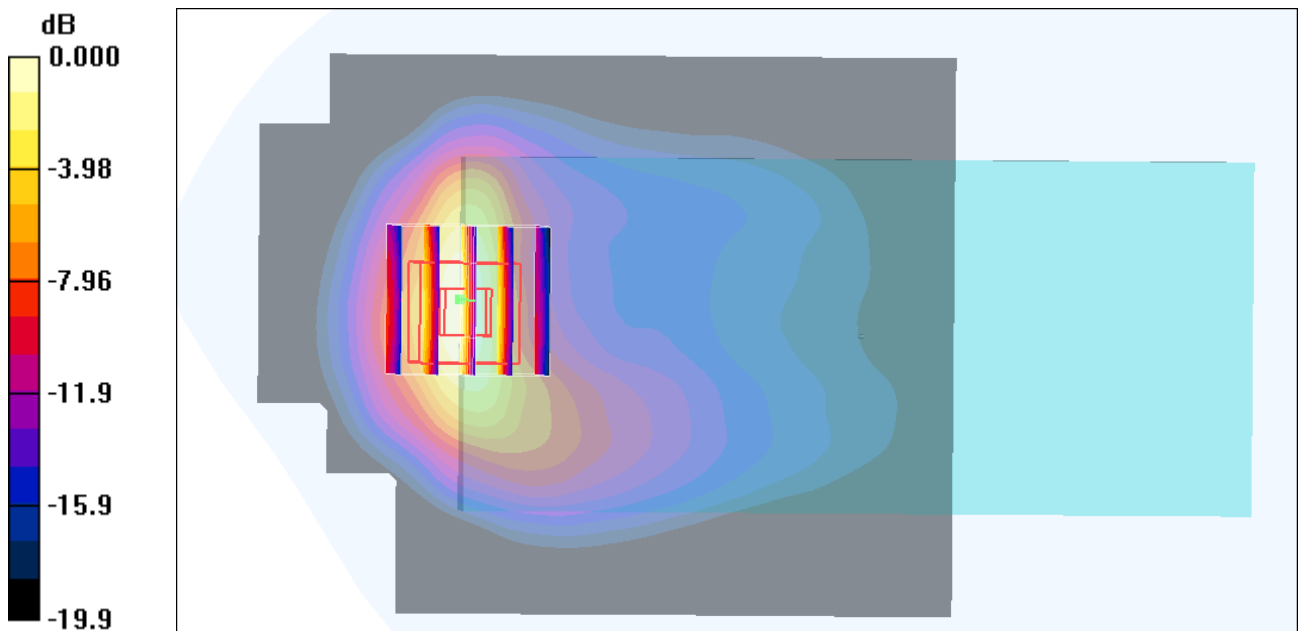
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.77 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.93 W/kg

**SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.526 mW/g**

Maximum value of SAR (measured) = 1.30 mW/g



0 dB = 1.30mW/g

### #19\_WCDMA II\_RMC 12.2Kbps\_Bottom Side\_5mm\_Ch9400

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

Medium: HSL\_1900\_210125 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 38.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.1, 5.1, 5.1); Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.756 mW/g

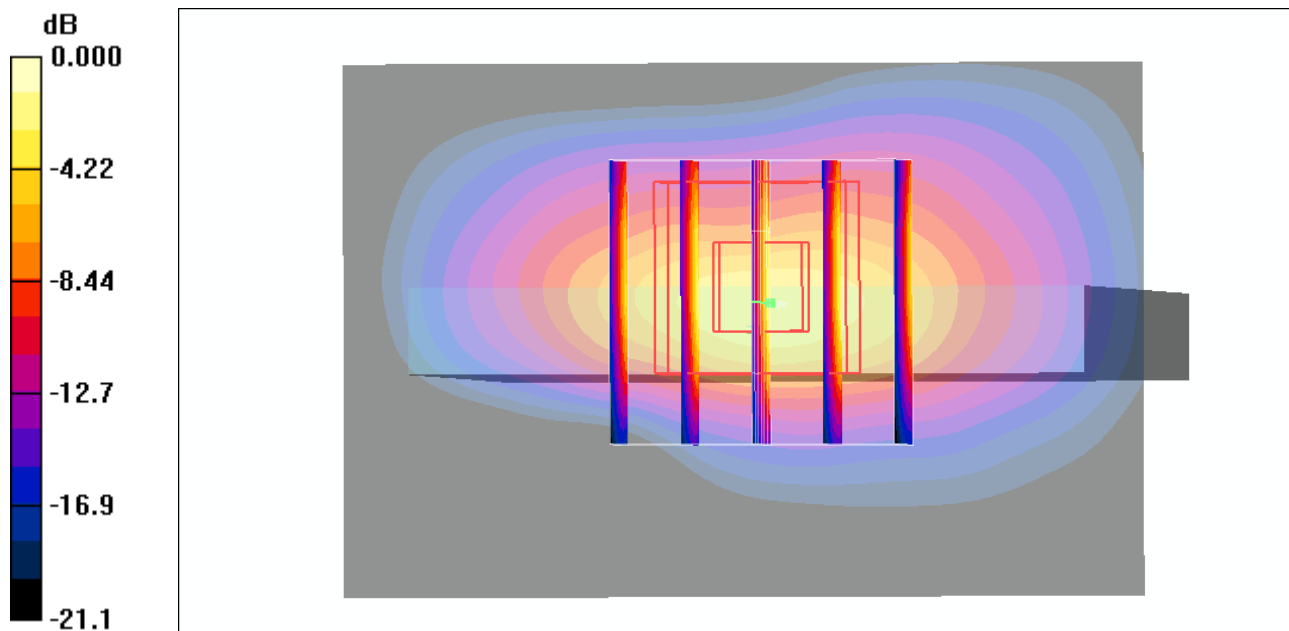
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.5 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.27 W/kg

**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.518 mW/g**

Maximum value of SAR (measured) = 1.43 mW/g



0 dB = 1.43mW/g

### #20\_WCDMA IV\_RMC 12.2Kbps\_Bottom Side\_5mm\_Ch1312

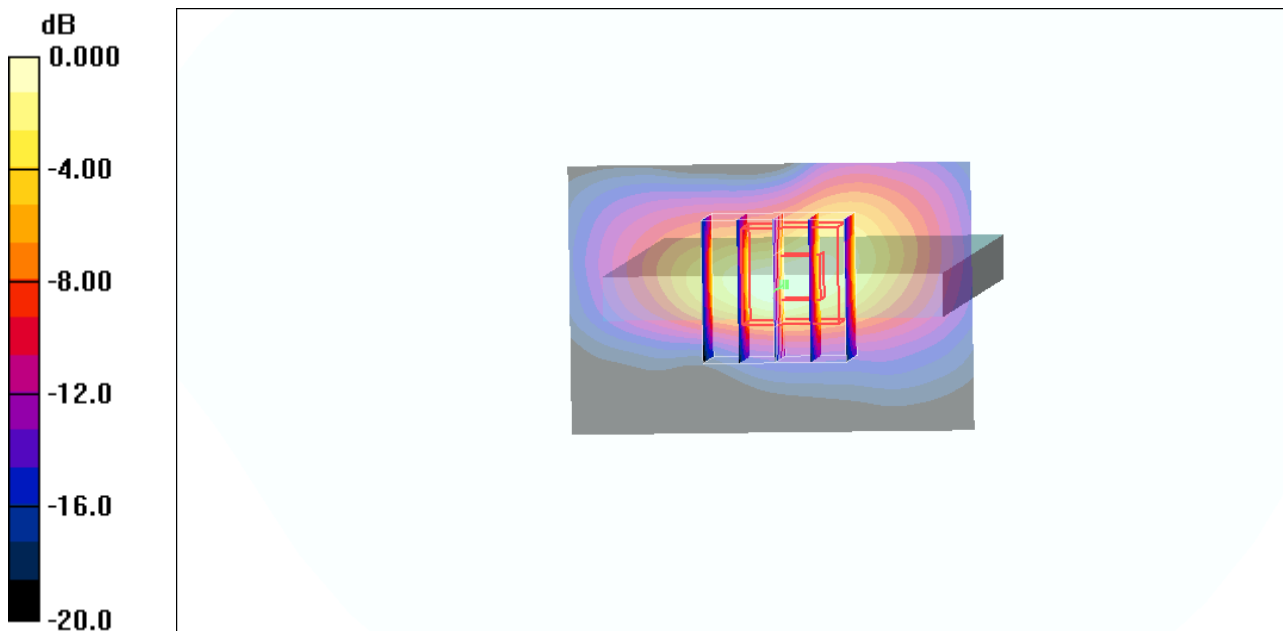
Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_210125 Medium parameters used:  $f = 1712.4$  MHz;  $\sigma = 1.32$  mho/m;  $\epsilon_r = 40.3$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.28, 5.28, 5.28); Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x61x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.41 mW/g

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 29.0 V/m; Power Drift = 0.07 dB  
Peak SAR (extrapolated) = 2.10 W/kg  
**SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.482 mW/g**  
Maximum value of SAR (measured) = 1.38 mW/g



0 dB = 1.38mW/g

### #21\_WCDMA V\_RMC 12.2Kbps\_Back\_5mm\_Ch4132

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_850\_210126 Medium parameters used :  $f = 826.4$  MHz;  $\sigma = 0.918$  mho/m;  $\epsilon_r = 41.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.31, 6.31, 6.31); Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.62 mW/g

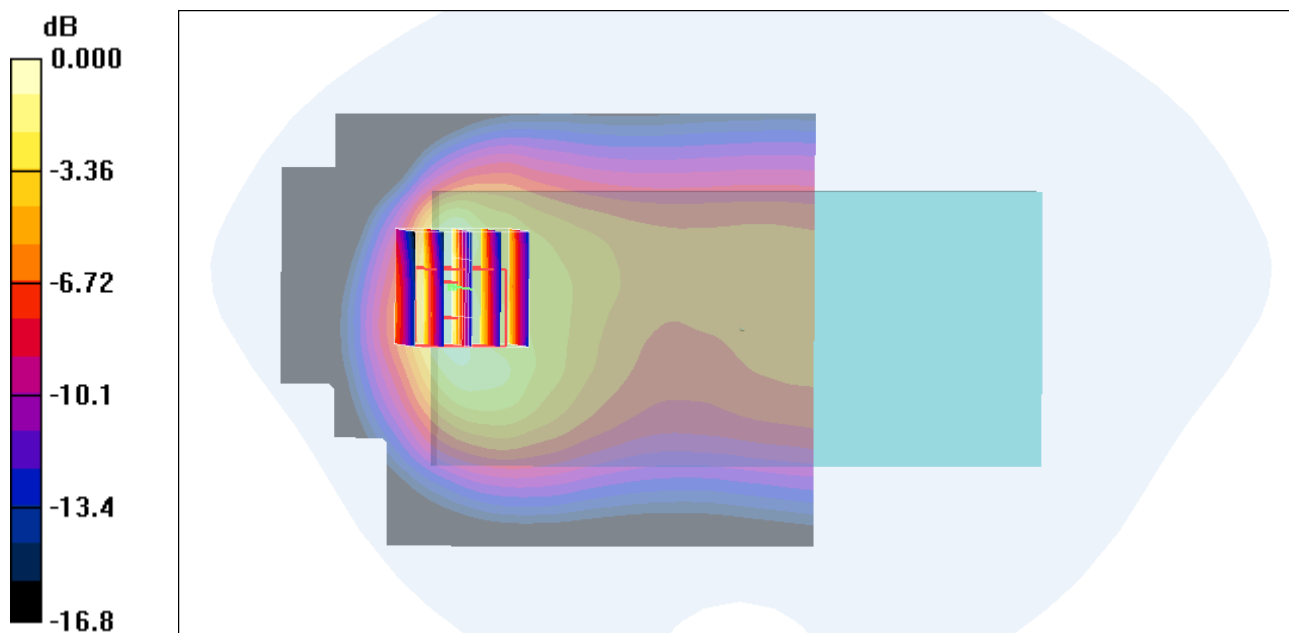
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.6 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.58 W/kg

**SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.667 mW/g**

Maximum value of SAR (measured) = 1.65 mW/g



0 dB = 1.65mW/g

### #22\_LTE Band 2\_20M\_QPSK\_1\_0\_Bottom Side\_5mm\_Ch19100

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

Medium: HSL\_1900\_210125 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 38.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.1, 5.1, 5.1); Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.58 mW/g

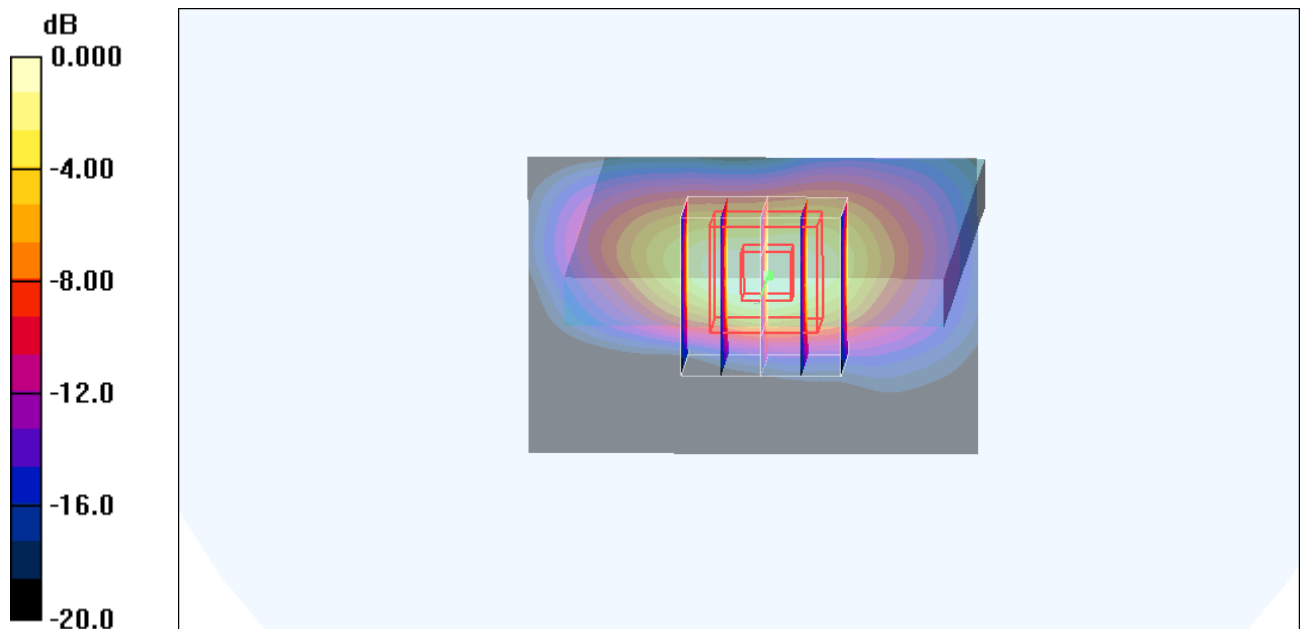
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.2 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.99 W/kg

**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.476 mW/g**

Maximum value of SAR (measured) = 1.35 mW/g



0 dB = 1.35mW/g

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

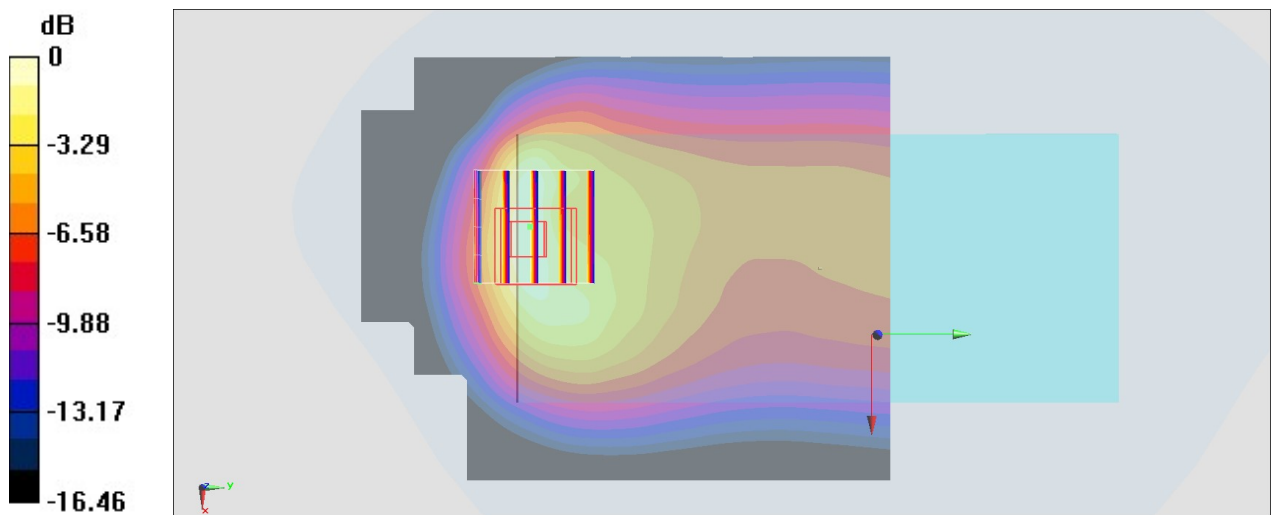
Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1  
 Medium: HSL\_850\_210126 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.922$  S/m;  $\epsilon_r = 41.128$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3169; ConvF(6.31, 6.31, 6.31); Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x101x1):** 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 = 20.66 V/m; Power Drift = 0.01 dB  
 Peak SAR (extrapolated) = 2.56 W/kg  
**SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.692 W/kg**  
 Maximum value of SAR (measured) = 1.59 W/kg



0 dB = 1.69 W/kg = 2.28 dBW/kg

### #24\_LTE Band 7\_20M\_QPSK\_1\_0\_Back\_5mm\_Ch21350

Communication System: LTE; Frequency: 2560 MHz; Duty Cycle: 1:1  
 Medium: HSL\_2600\_210123 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.94$  mho/m;  $\epsilon_r = 39.5$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3169; ConvF(4.36, 4.36, 4.36); Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x111x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.29 mW/g

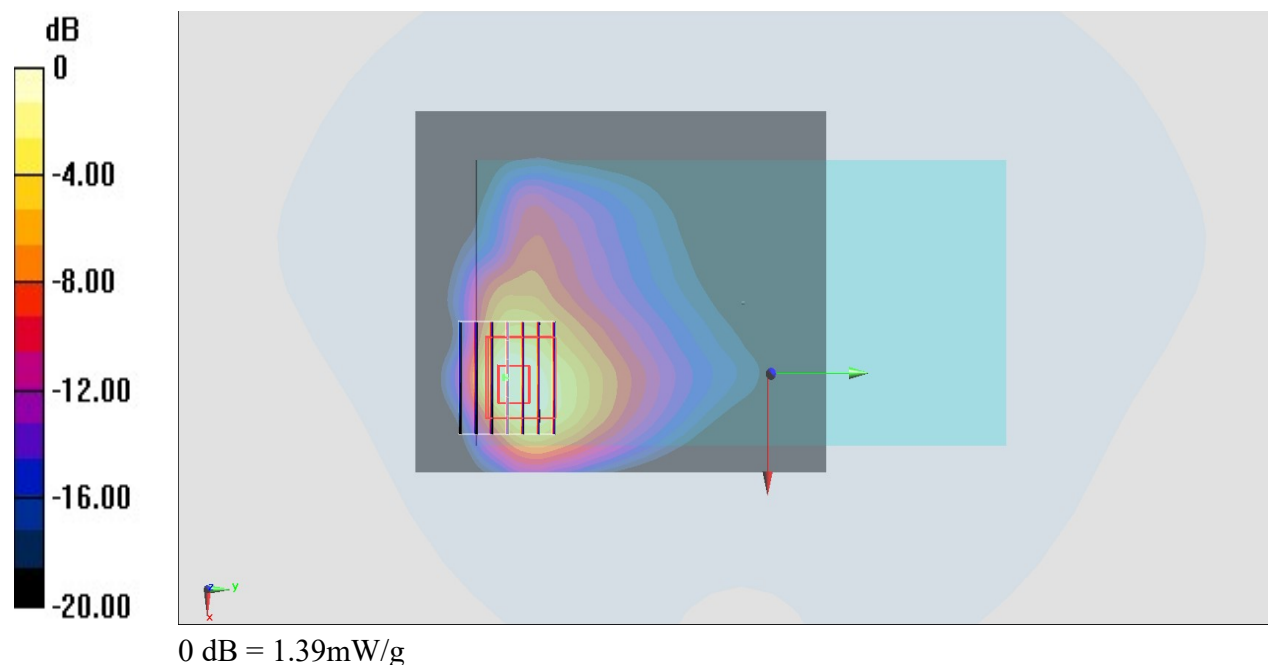
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.32 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.35 W/kg

**SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.558 mW/g**

Maximum value of SAR (measured) = 1.39 mW/g





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

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

Medium: HSL\_750\_210122 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.87$  S/m;  $\epsilon_r = 41.254$ ;  $\rho = 1000$  kg/m<sup>3</sup>

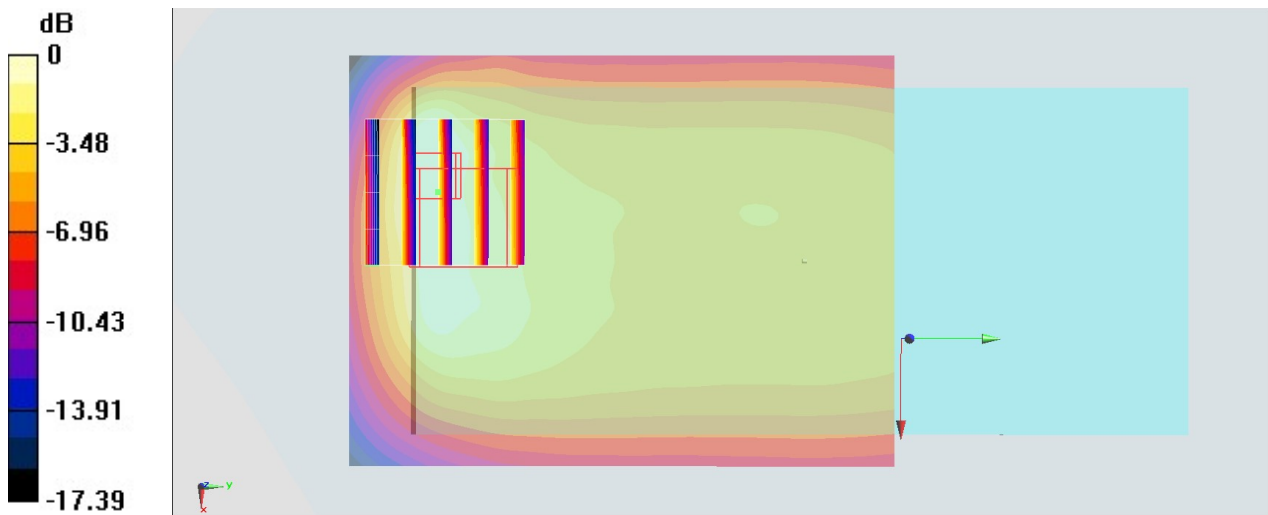
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(10.29, 10.29, 10.29) @ 707.5 MHz; Calibrated: 2020/5/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Area Scan (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 1.42 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 31.07 V/m; Power Drift = -0.16 dB  
 Peak SAR (extrapolated) = 1.70 W/kg  
**SAR(1 g) = 0.705 W/kg; SAR(10 g) = 0.425 W/kg**  
 Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19 W/kg = 0.76 dBW/kg

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

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

Medium: HSL\_750\_210122 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.893 \text{ S/m}$ ;  $\epsilon_r = 40.779$ ;  $\rho = 1000 \text{ kg/m}^3$

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

### DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(10.29, 10.29, 10.29) @ 782 MHz; Calibrated: 2020/5/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Area Scan (61x81x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

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

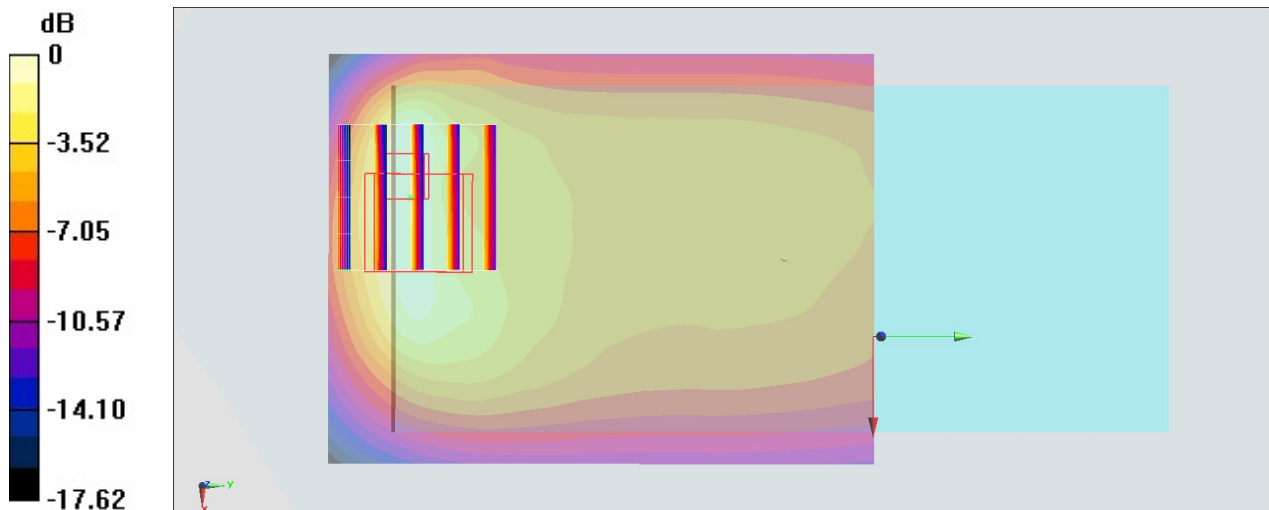
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 36.49 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.11 W/kg

**SAR(1 g) = 0.860 W/kg; SAR(10 g) = 0.469 W/kg**

Maximum value of SAR (measured) = 1.54 W/kg



0 dB = 1.54 W/kg = 1.88 dBW/kg

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

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

Medium: HSL\_1750\_210125 Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.28, 5.28, 5.28); Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.55 mW/g

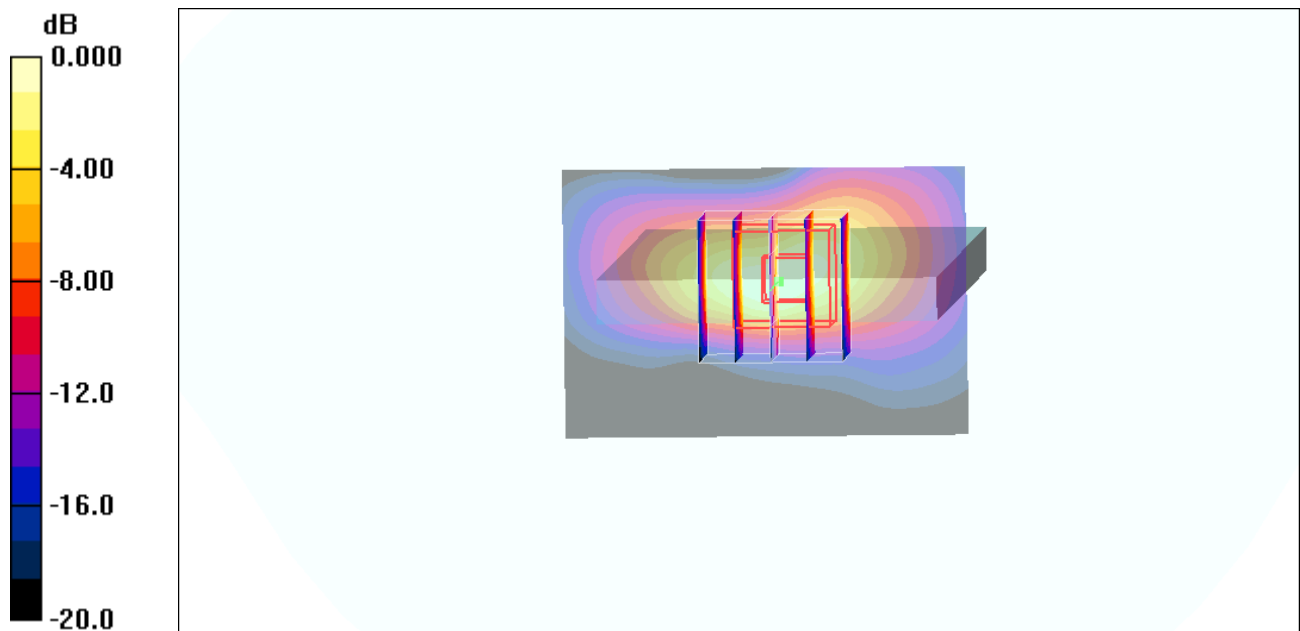
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.4 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.17 W/kg

**SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.508 mW/g**

Maximum value of SAR (measured) = 1.47 mW/g



0 dB = 1.47mW/g

## #28\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_5mm\_Ch11

Communication System:802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: HSL\_2450\_210203 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.803$  S/m;  $\epsilon_r = 38.594$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642;ConvF(7.11, 7.11, 7.11) @ 2462 MHz;Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 2.08 W/kg

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

Reference Value = 27.18 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.38 W/kg

**SAR(1 g) = 0.929 W/kg; SAR(10 g) = 0.391 W/kg**

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



0 dB = 2.08 W/kg = 3.18 dBW/kg

**#29\_WLAN5GHz\_802.11a\_6Mbps\_Back\_5mm\_Ch36**

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1.018

Medium: HSL\_5G\_210204 Medium parameters used:  $f = 5180$  MHz;  $\sigma = 4.545$  S/m;  $\epsilon_r = 37.097$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.43, 4.43, 4.43) @ 5180 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.35 W/kg

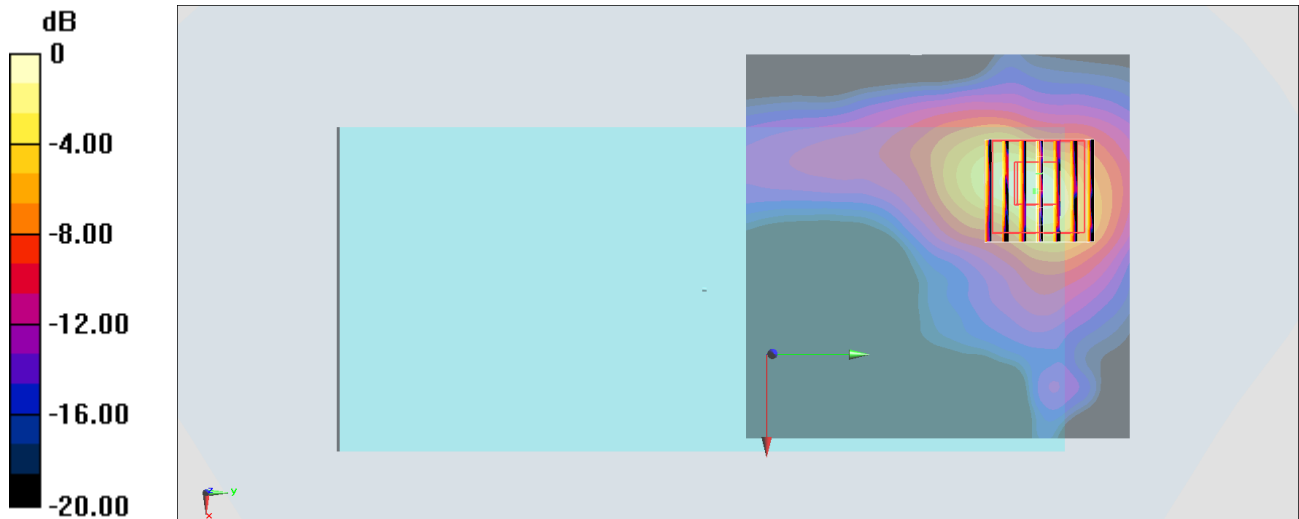
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.603 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 3.85 W/kg

**SAR(1 g) = 0.935 W/kg; SAR(10 g) = 0.289 W/kg**

Maximum value of SAR (measured) = 2.23 W/kg



**#30\_WLAN5GHz\_802.11a\_6Mbps\_Top Side\_5mm\_Ch165**

Communication System: 802.11a ; Frequency: 5825 MHz;Duty Cycle: 1:1.018

Medium: HSL\_5G\_210121 Medium parameters used :  $f = 5825$  MHz;  $\sigma = 5.229$  S/m;  $\epsilon_r = 36.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7375; ConvF(4.72, 4.72, 4.72) @ 5825 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2020/11/23
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

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

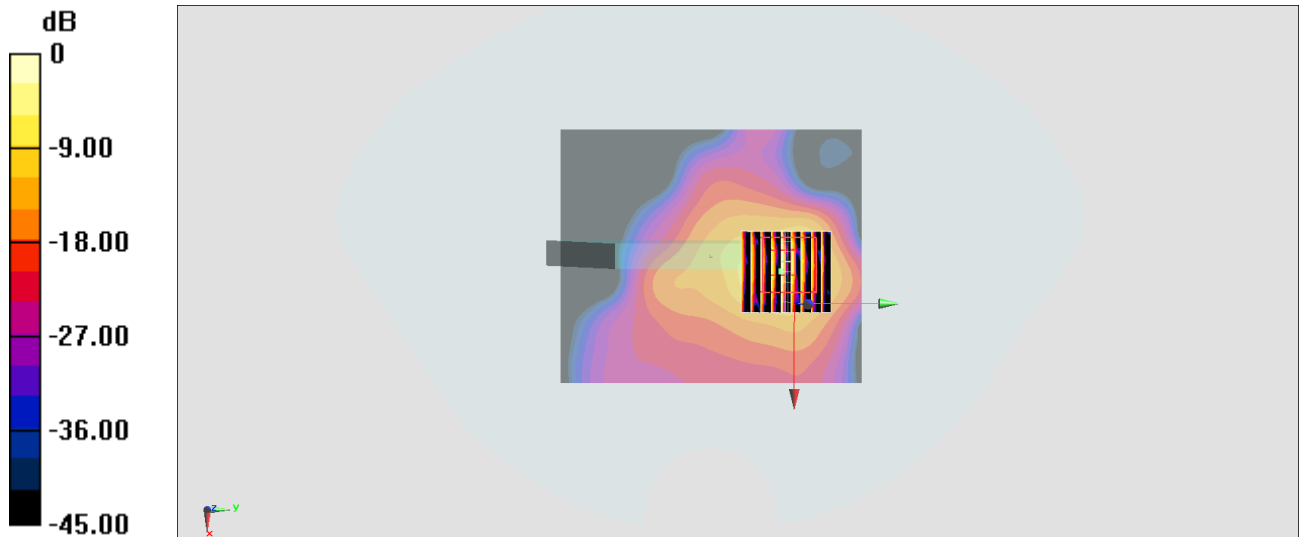
**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.928 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 4.06 W/kg

**SAR(1 g) = 0.781 W/kg; SAR(10 g) = 0.207 W/kg**

Maximum value of SAR (measured) = 2.18 W/kg



0 dB = 2.18 W/kg = 3.38 dBW/kg

### #31\_Bluetooth\_1Mbps\_Back\_5mm\_Ch0

Communication System:Bluetooth; Frequency: 2402 MHz;Duty Cycle: 1:1.301  
Medium: HSL\_2450\_210205 Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.727$  S/m;  $\epsilon_r = 40.028$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

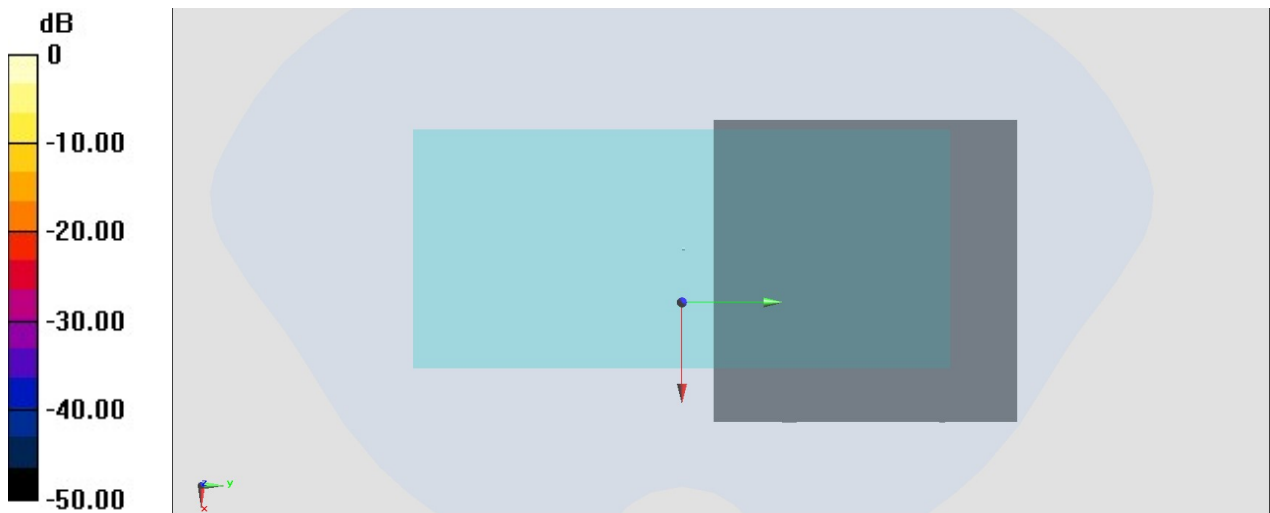
- Probe: EX3DV4 - SN3642; ConvF(7.11, 7.11, 7.11) @ 2402 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2020/8/25
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

**Fast SAR: SAR(1 g) = 0 W/kg; SAR(10 g) = 0 W/kg**

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



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

### #32\_GSM850\_GPRS (2 Tx slots)\_Back\_5mm\_Ch128

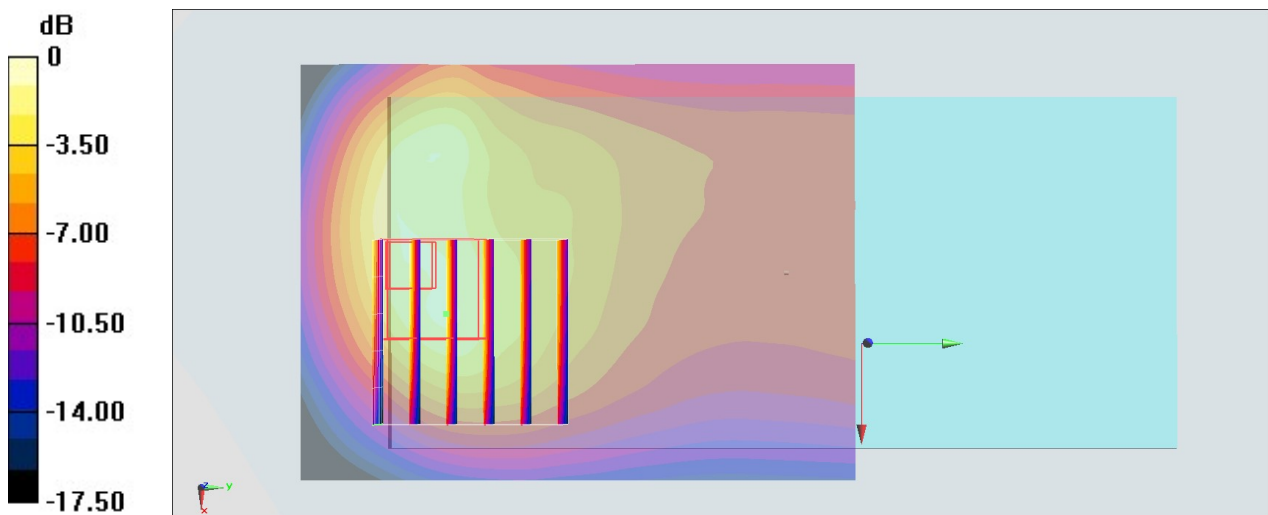
Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4.15  
 Medium: HSL\_850\_210126 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.917$  S/m;  $\epsilon_r = 41.193$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3169; ConvF(6.31, 6.31, 6.31); Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 1.44 W/kg

**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 19.89 V/m; Power Drift = -0.19 dB  
 Peak SAR (extrapolated) = 2.59 W/kg  
**SAR(1 g) = 1.33 W/kg; SAR(10 g) = 0.713 W/kg**  
 Maximum value of SAR (measured) = 1.80 W/kg



0 dB = 1.80 W/kg = 2.55 dBW/kg



### #33\_GSM1900\_GPRS (2 Tx slots)\_Back\_5mm\_Ch661

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

Medium: HSL\_1900\_210123 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.1, 5.1, 5.1); Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.28 mW/g

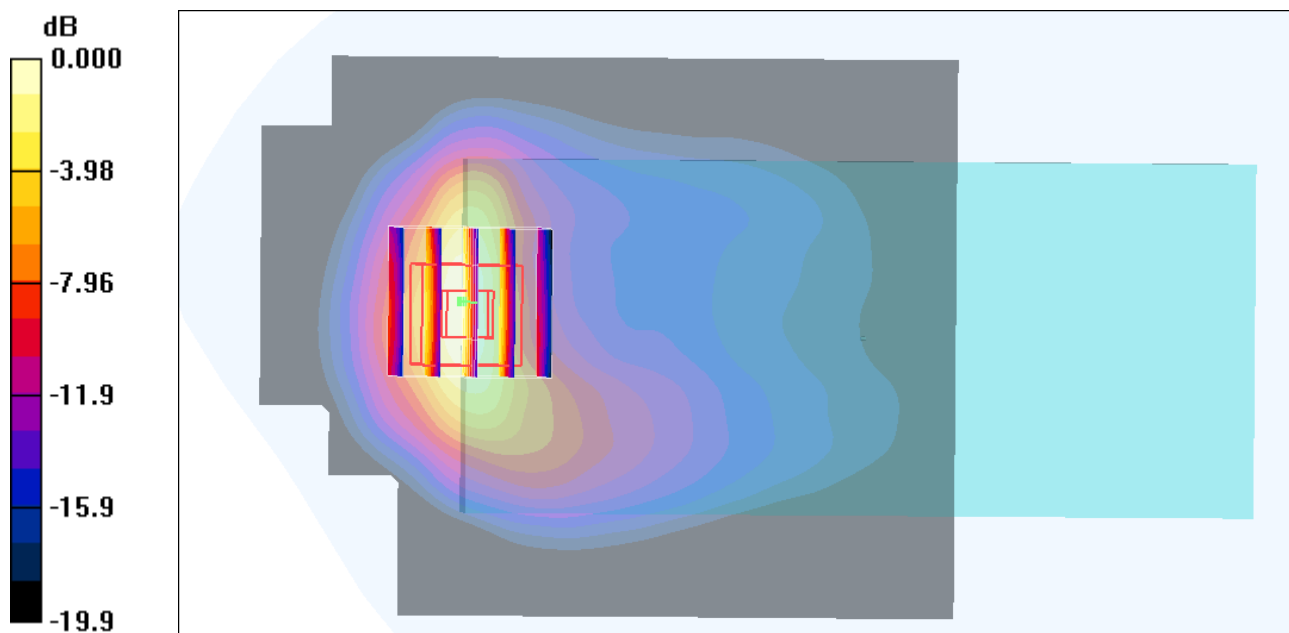
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.77 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.93 W/kg

**SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.526 mW/g**

Maximum value of SAR (measured) = 1.30 mW/g



0 dB = 1.30mW/g

### #34\_WCDMA II\_RMC 12.2Kbps\_Back\_5mm\_Ch9400

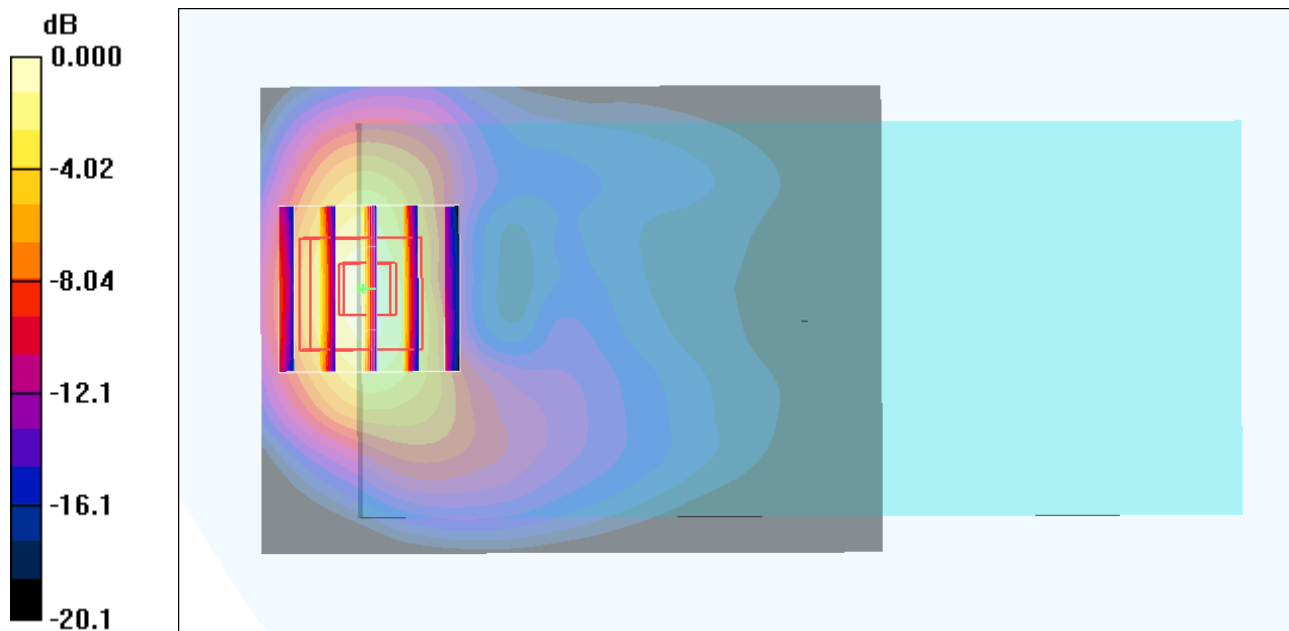
Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_210125 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 38.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.1, 5.1, 5.1); Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x81x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.34 mW/g

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 3.39 V/m; Power Drift = 0.08 dB  
Peak SAR (extrapolated) = 2.20 W/kg  
**SAR(1 g) = 0.978 mW/g; SAR(10 g) = 0.492 mW/g**  
Maximum value of SAR (measured) = 1.51 mW/g



0 dB = 1.51mW/g

### #35\_WCDMA IV\_RMC 12.2Kbps\_Back\_5mm\_Ch1513

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_210125 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.28, 5.28, 5.28); Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.25 mW/g

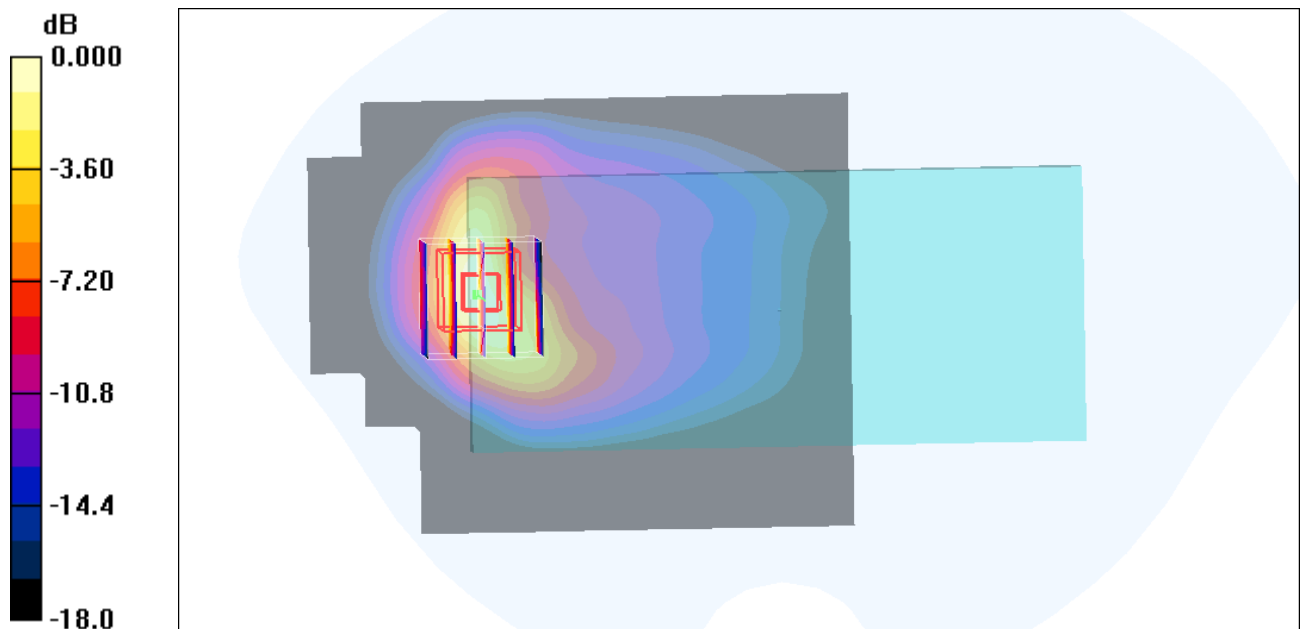
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.48 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.90 W/kg

**SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.532 mW/g**

Maximum value of SAR (measured) = 1.32 mW/g



0 dB = 1.32mW/g

### #36\_WCDMA V\_RMC 12.2Kbps\_Back\_5mm\_Ch4132

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_210126 Medium parameters used :  $f = 826.4$  MHz;  $\sigma = 0.918$  mho/m;  $\epsilon_r = 41.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.31, 6.31, 6.31); Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.62 mW/g

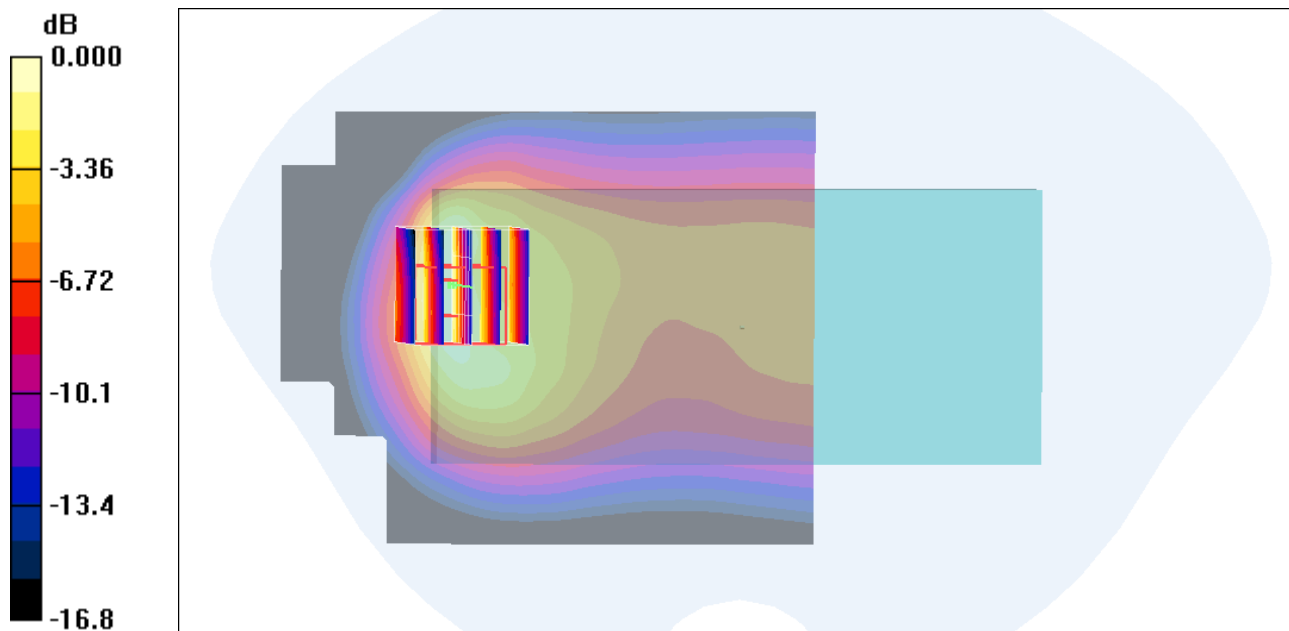
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.6 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.58 W/kg

**SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.667 mW/g**

Maximum value of SAR (measured) = 1.65 mW/g



0 dB = 1.65mW/g

### #37\_LTE Band 2\_20M\_QPSK\_1\_0\_Back\_5mm\_Ch18700

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

Medium: HSL\_1900\_210123 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.1, 5.1, 5.1); Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x101x1):** Measurement grid: dx=15mm, dy=15mm

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

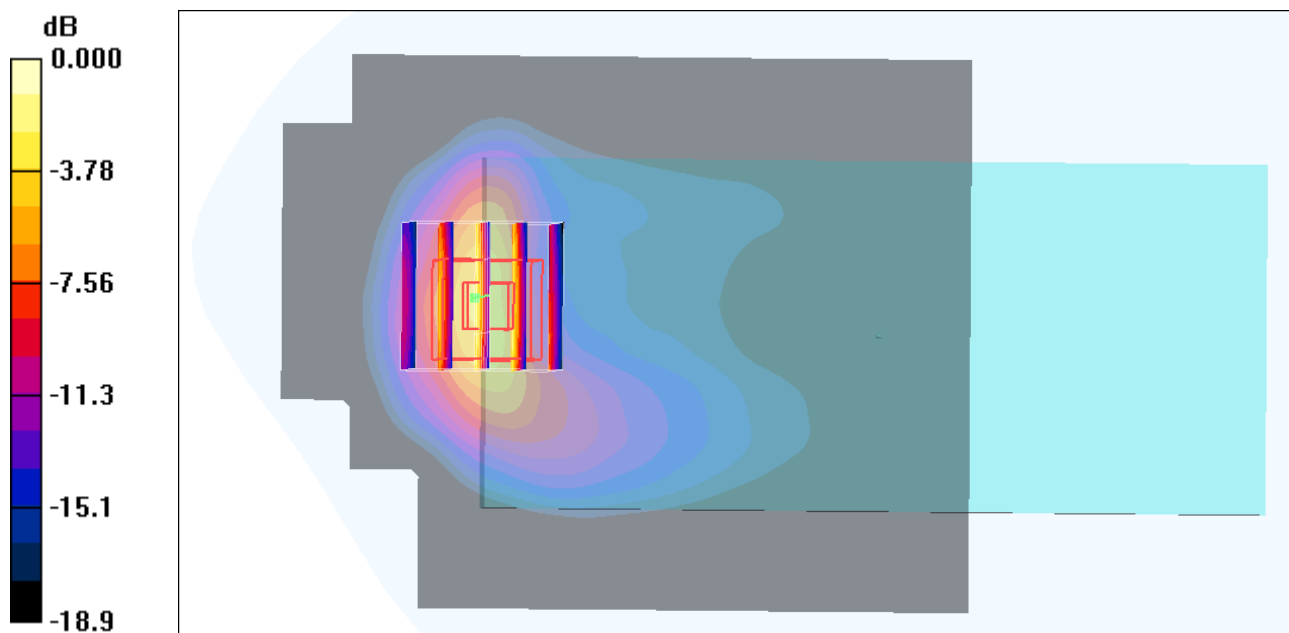
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.13 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.92 W/kg

**SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.520 mW/g**

Maximum value of SAR (measured) = 1.21 mW/g



0 dB = 1.21mW/g