

**#01\_GSM850\_GPRS (4 Tx slots)\_Left Cheek\_Ch128**

Communication System: GSM850 ; Frequency: 824.2 MHz; Duty Cycle: 1:2.08

Medium: HSL\_850\_190625 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.863$  S/m;  $\epsilon_r = 41.607$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.97, 5.97, 5.97) @ 824.2 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 0.341 W/kg

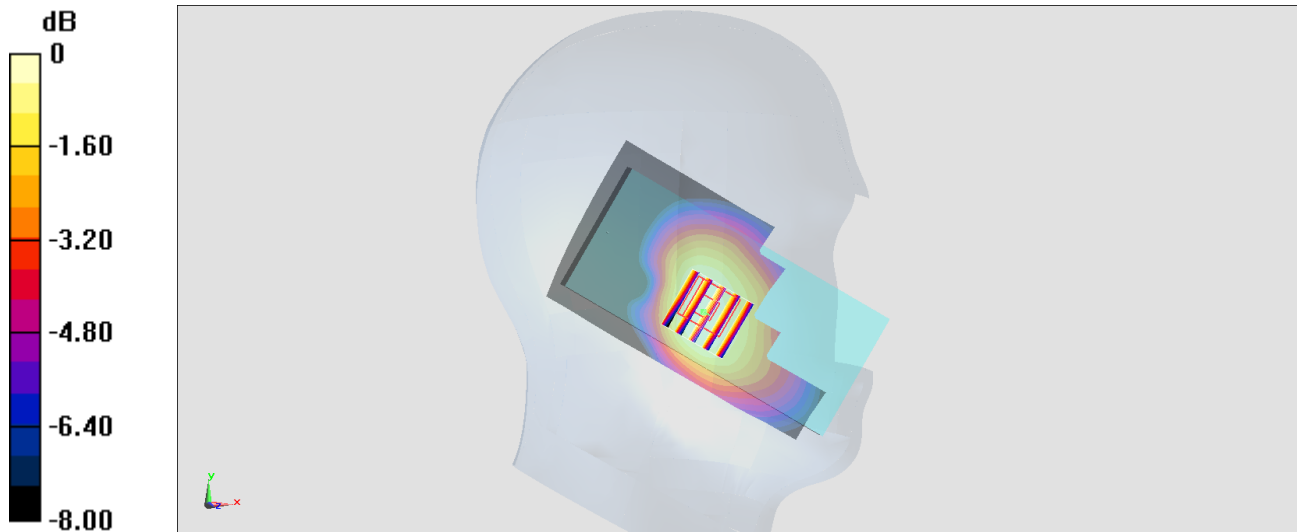
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.39 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.384 W/kg

**SAR(1 g) = 0.311 W/kg; SAR(10 g) = 0.241 W/kg**

Maximum value of SAR (measured) = 0.335 W/kg



0 dB = 0.335 W/kg = -4.75 dBW/kg

**#02\_GSM1900\_EDGE (4 Tx slots)\_Right Cheek\_Ch661**

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

Medium: HSL\_1900\_190620 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.405$  S/m;  $\epsilon_r = 39.634$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(4.95, 4.95, 4.95) @ 1880 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 0.0370 W/kg

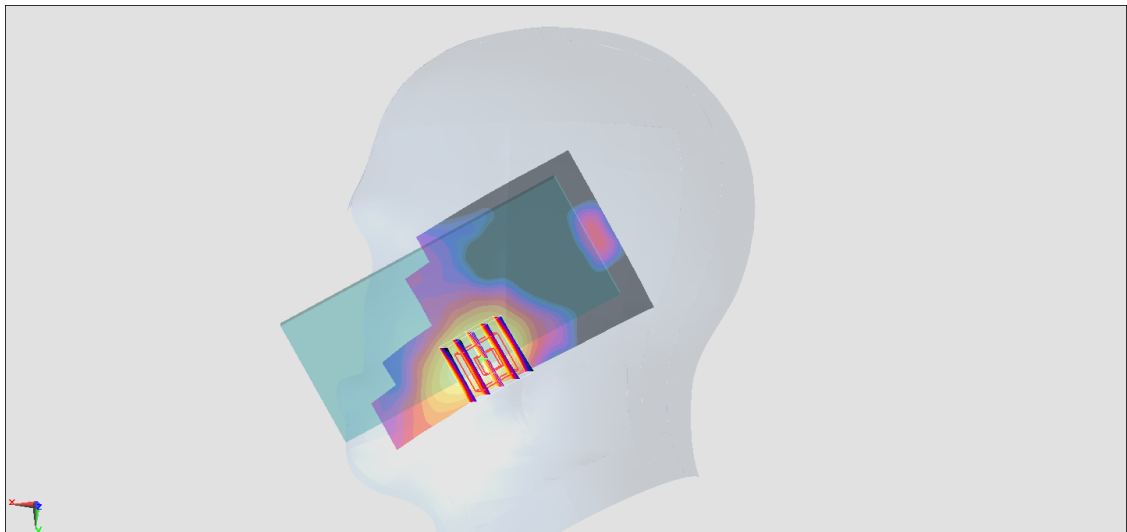
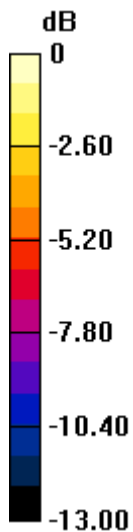
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.266 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.0490 W/kg

**SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.019 W/kg**

Maximum value of SAR (measured) = 0.0344 W/kg



0 dB = 0.0344 W/kg = -14.63 dBW/kg

**#03\_WCDMA II\_RMC 12.2Kbps\_Right Cheek\_Ch9538**

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

Medium: HSL\_1900\_190620 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.431$  S/m;  $\epsilon_r = 39.517$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(4.95, 4.95, 4.95) @ 1907.6 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 0.0427 W/kg

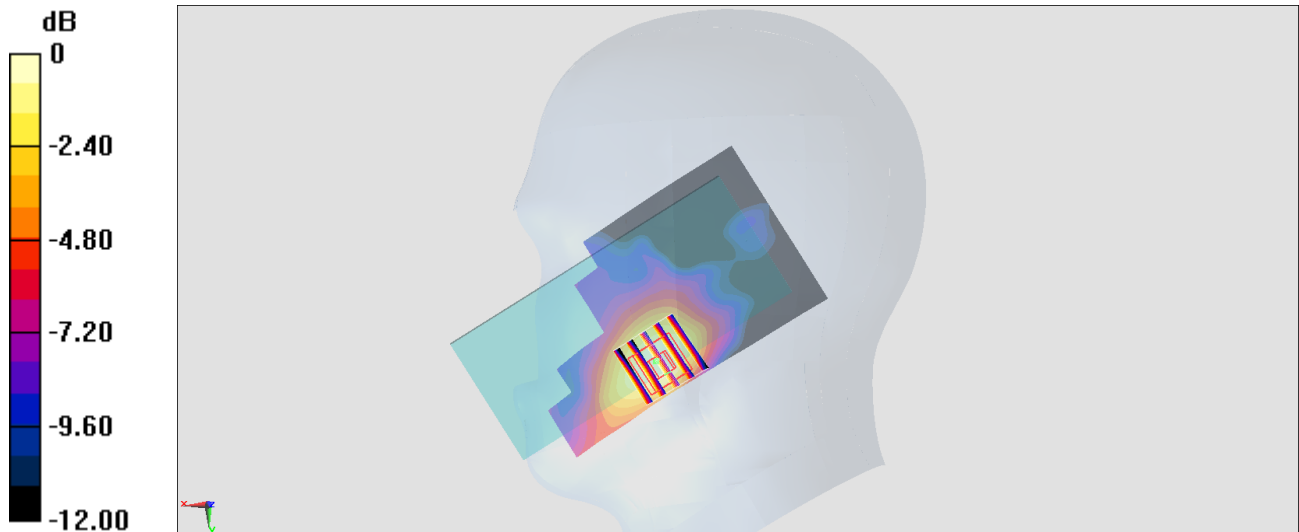
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.182 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.0520 W/kg

**SAR(1 g) = 0.035 W/kg; SAR(10 g) = 0.022 W/kg**

Maximum value of SAR (measured) = 0.0389 W/kg



0 dB = 0.0389 W/kg = -14.10 dBW/kg

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

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

Medium: HSL\_1750\_190623 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.357$  S/m;  $\epsilon_r = 40.864$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.18, 5.18, 5.18) @ 1732.6 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 0.0492 W/kg

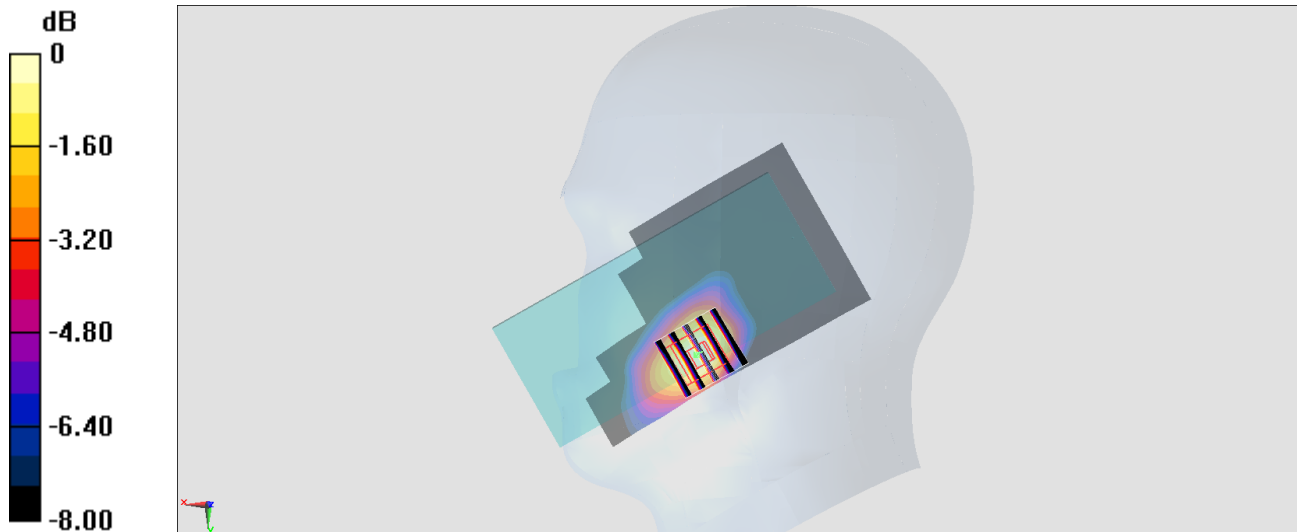
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.535 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.0600 W/kg

**SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.024 W/kg**

Maximum value of SAR (measured) = 0.0467 W/kg



0 dB = 0.0467 W/kg = -13.31 dBW/kg

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

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_190625 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.874$  S/m;  $\epsilon_r = 41.451$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.97, 5.97, 5.97) @ 836.4 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

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

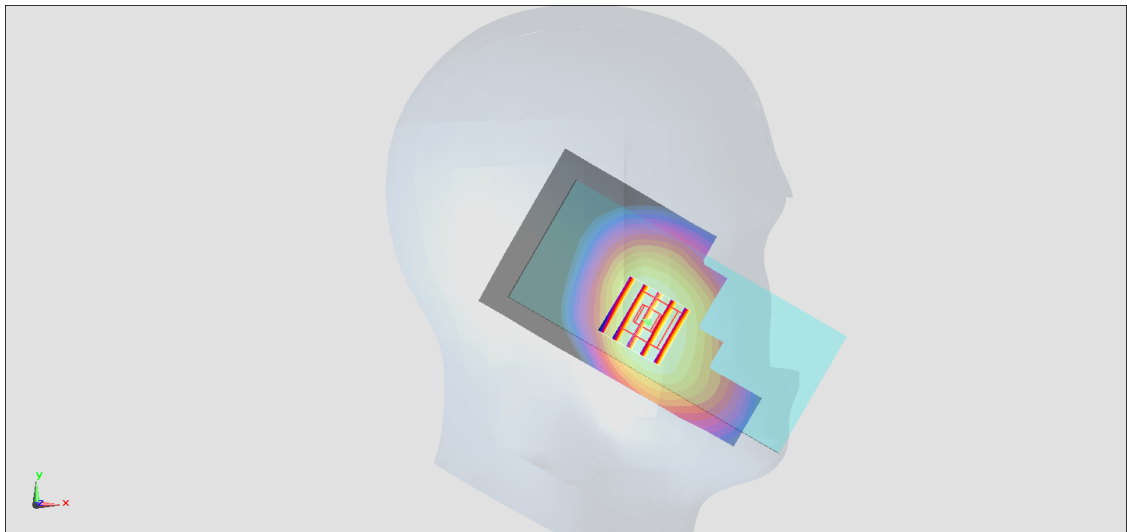
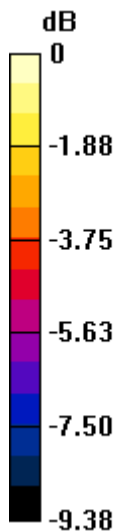
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.04 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.388 W/kg

**SAR(1 g) = 0.314 W/kg; SAR(10 g) = 0.243 W/kg**

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



0 dB = 0.342 W/kg = -4.66 dBW/kg

**#06\_LTE Band 7\_20M\_QPSK\_50\_24\_Right Cheek\_Ch20850**

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

Medium: HSL\_2600\_190619 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.857$  S/m;  $\epsilon_r = 38.257$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(4.37, 4.37, 4.37) @ 2510 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 0.0716 W/kg

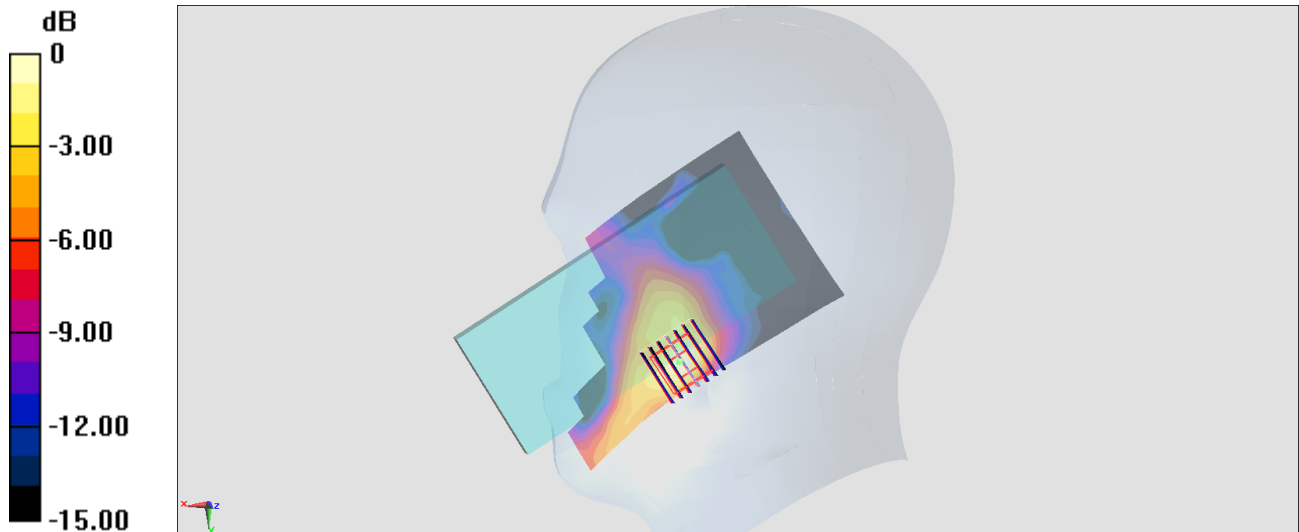
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.755 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.117 W/kg

**SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.024 W/kg**

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



0 dB = 0.0691 W/kg = -11.61 dBW/kg

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

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

Medium: HSL\_750\_190624 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.858$  S/m;  $\epsilon_r = 43.972$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(6.15, 6.15, 6.15) @ 707.5 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 0.185 W/kg

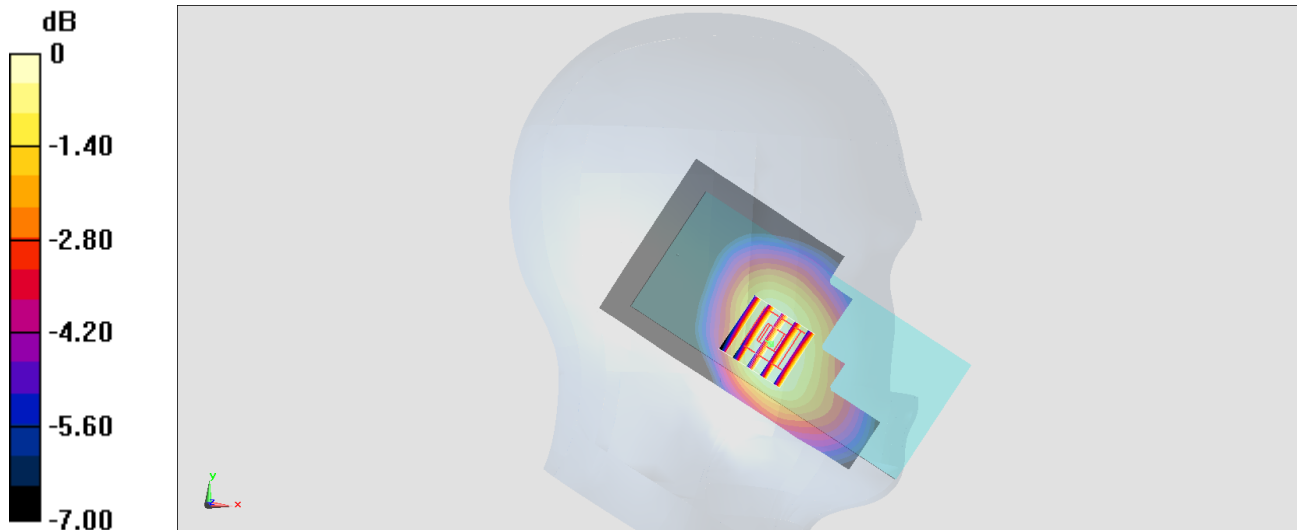
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.97 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.207 W/kg

**SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.138 W/kg**

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



0 dB = 0.186 W/kg = -7.30 dBW/kg

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

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

Medium: HSL\_750\_190723 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.928 \text{ S/m}$ ;  $\epsilon_r = 40.375$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.6 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.6 \text{ }^\circ\text{C}$

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.56, 6.56, 6.56) @ 782 MHz; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) =  $0.330 \text{ W/kg}$

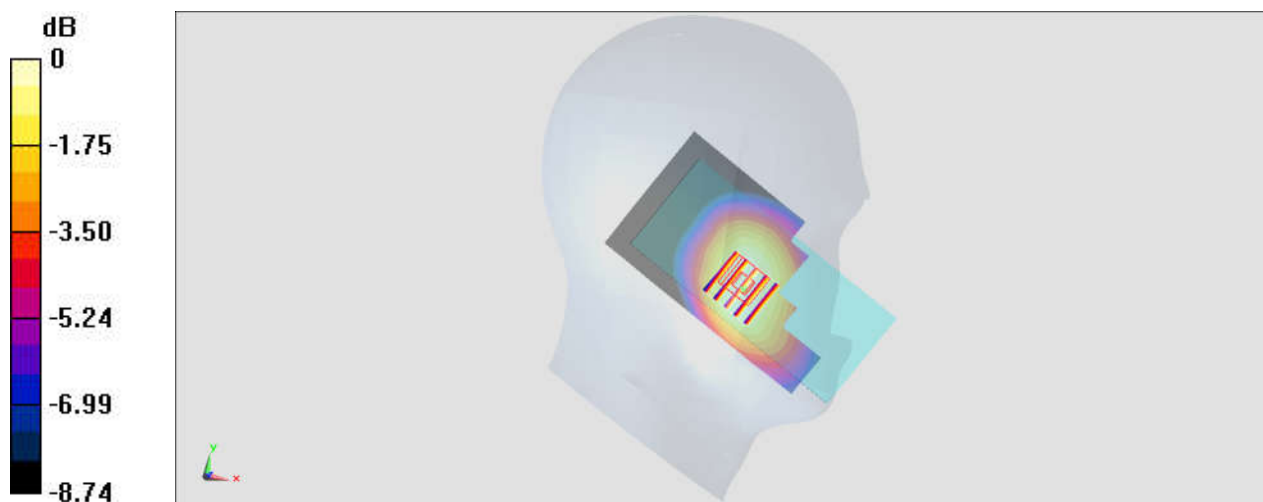
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $19.59 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.371 \text{ W/kg}$

**SAR(1 g) =  $0.306 \text{ W/kg}$ ; SAR(10 g) =  $0.241 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.333 \text{ W/kg}$



0 dB =  $0.333 \text{ W/kg}$  =  $-4.78 \text{ dBW/kg}$



### #09\_LTE Band 25\_20M\_QPSK\_1\_0\_Right Cheek\_Ch26340

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

Medium: HSL\_1900\_190723 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.4$  S/m;  $\epsilon_r = 38.955$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.17, 5.17, 5.17) @ 1880 MHz; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM-Middle; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

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

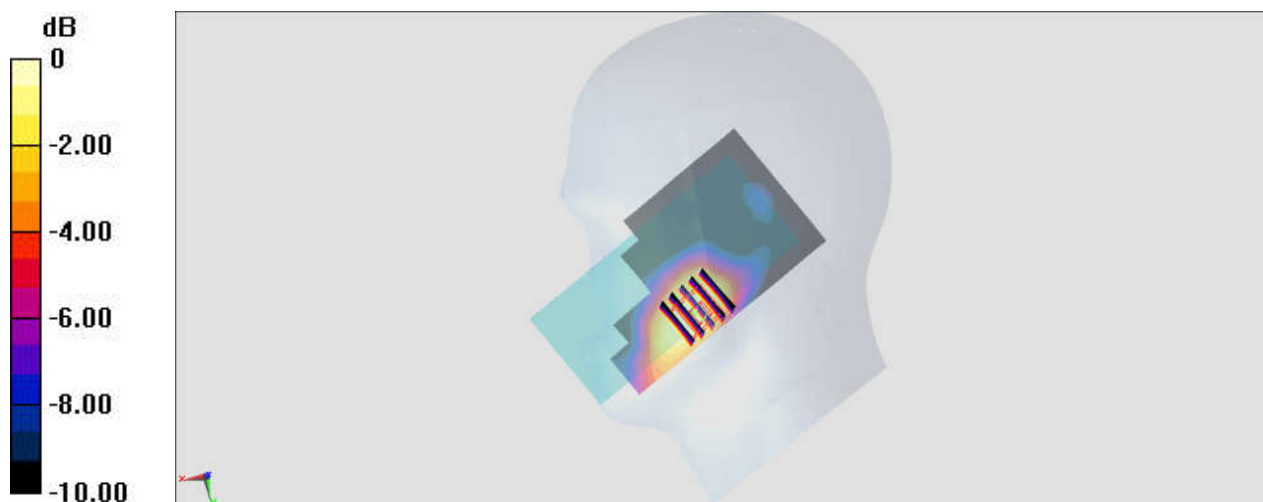
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.13 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.264 W/kg

**SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.102 W/kg**

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



0 dB = 0.184 W/kg = -7.35 dBW/kg

**#10\_LTE Band 26\_15M\_QPSK\_1\_0\_Left Cheek\_Ch26865**

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

Medium: HSL\_850\_190723 Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.881$  S/m;  $\epsilon_r = 42.296$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.39, 6.39, 6.39) @ 831.5 MHz; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 0.352 W/kg

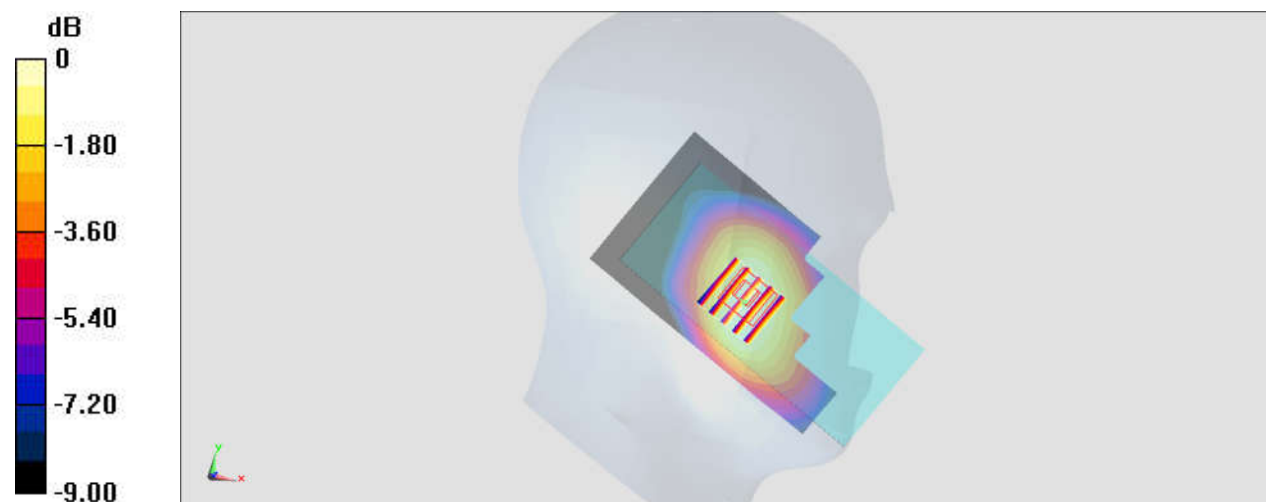
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.62 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.414 W/kg

**SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.253 W/kg**

Maximum value of SAR (measured) = 0.359 W/kg



0 dB = 0.359 W/kg = -4.45 dBW/kg

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

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

Medium: HSL\_1750\_190723 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.373$  S/m;  $\epsilon_r = 40.748$ ;

$\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.42, 5.42, 5.42) @ 1745 MHz; Calibrated: 2018/9/24

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn577; Calibrated: 2018/9/19

- Phantom: SAM-Middle; Type: SAM; Serial: 1796

- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 0.281 W/kg

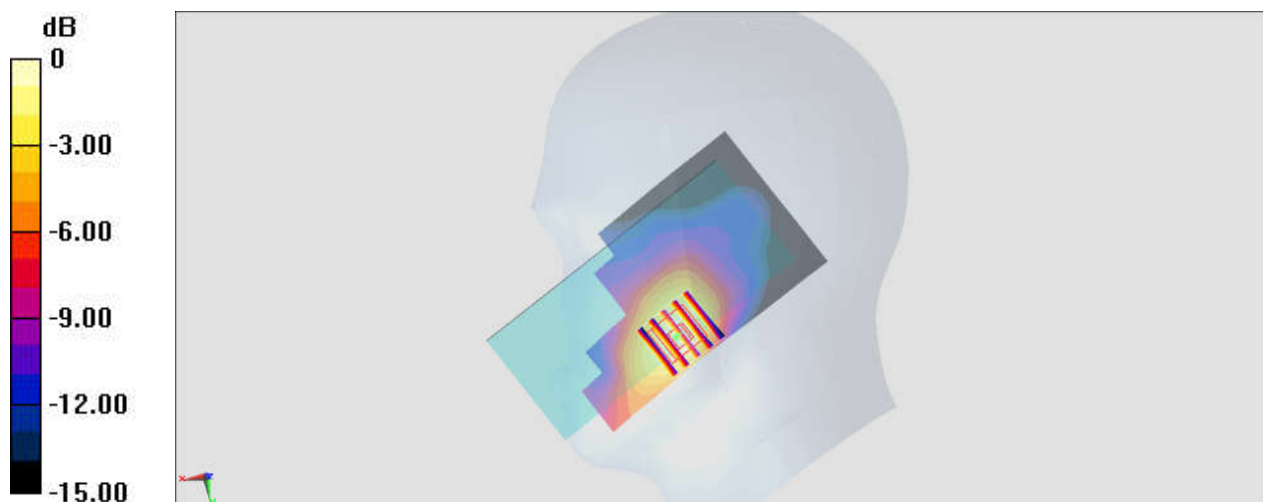
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.27 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.341 W/kg

**SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.143 W/kg**

Maximum value of SAR (measured) = 0.267 W/kg



0 dB = 0.267 W/kg = -5.73 dBW/kg

**#12\_LTE Band 41\_20M\_QPSK\_50\_50\_Right Cheek\_Ch39750**

Communication System: LTE; Frequency: 2506 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600\_190619 Medium parameters used :  $f = 2506$  MHz;  $\sigma = 1.839$  S/m;  $\epsilon_r = 38.274$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(4.37, 4.37, 4.37) @ 2506 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0601 W/kg

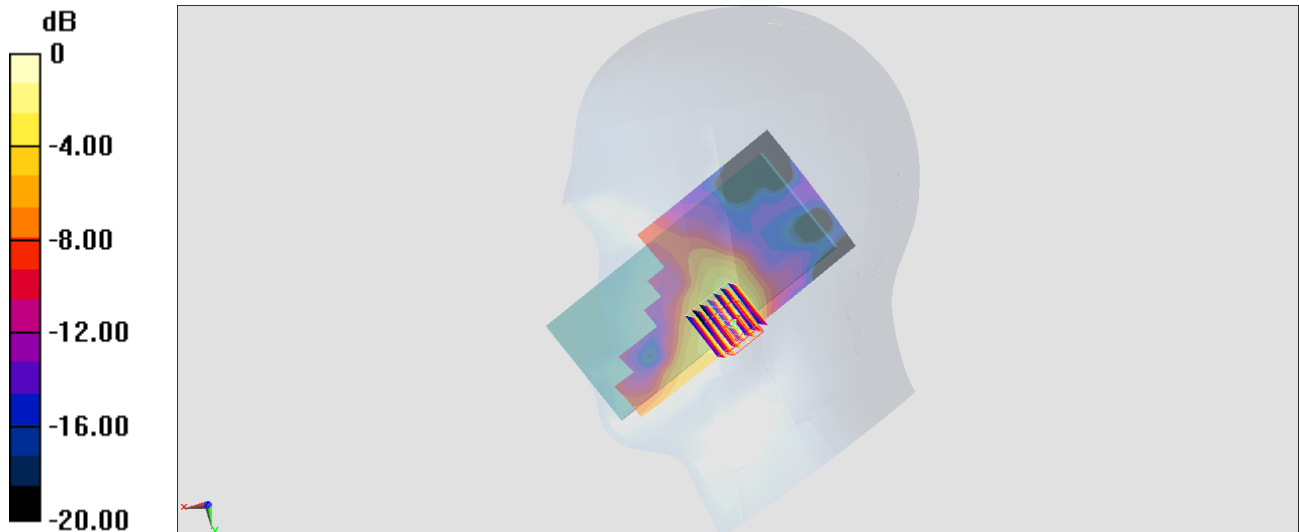
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.504 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.113 W/kg

**SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.025 W/kg**

Maximum value of SAR (measured) = 0.0737 W/kg



0 dB = 0.0737 W/kg = -11.33 dBW/kg

## #13\_WLAN2.4GHz\_802.11b 1Mbps\_Right Cheek\_Ch1;Chain 0

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1.007

Medium: HSL\_2450\_190626 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.722$  S/m;  $\epsilon_r = 40.732$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(7.43, 7.43, 7.43) @ 2412 MHz; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (91x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.483 W/kg

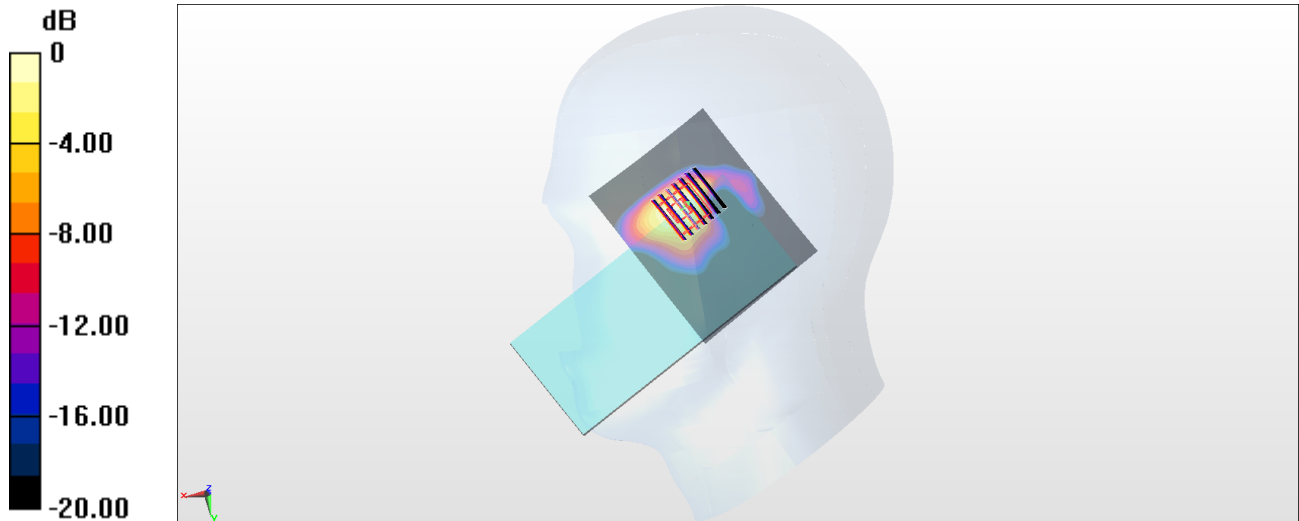
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.99 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.551 W/kg

**SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.101 W/kg**

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



0 dB = 0.433 W/kg = -3.64 dBW/kg

**#14\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Right Cheek\_Ch58;Chain 1**

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.035

Medium: HSL\_5G\_190707 Medium parameters used:  $f = 5290$  MHz;  $\sigma = 4.554$  S/m;  $\epsilon_r = 37.529$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.88, 4.88, 4.88) @ 5290 MHz; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.877 W/kg

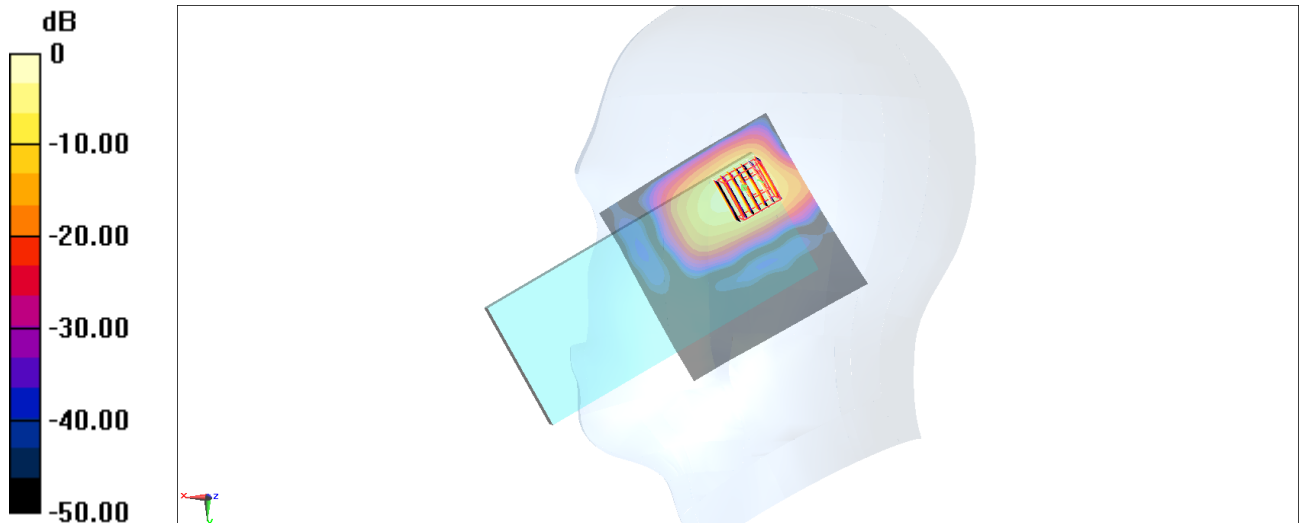
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.79 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.74 W/kg

**SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.099 W/kg**

Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.18 W/kg = 0.72 dBW/kg

**#15\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Right Cheek\_Ch122;Chain 1**

Communication System: 802.11ac; Frequency: 5610 MHz; Duty Cycle: 1:1.035

Medium: HSL\_5G\_190707 Medium parameters used:  $f = 5610$  MHz;  $\sigma = 4.883$  S/m;  $\epsilon_r = 37.065$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.71, 4.71, 4.71) @ 5610 MHz; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (101x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.05 W/kg

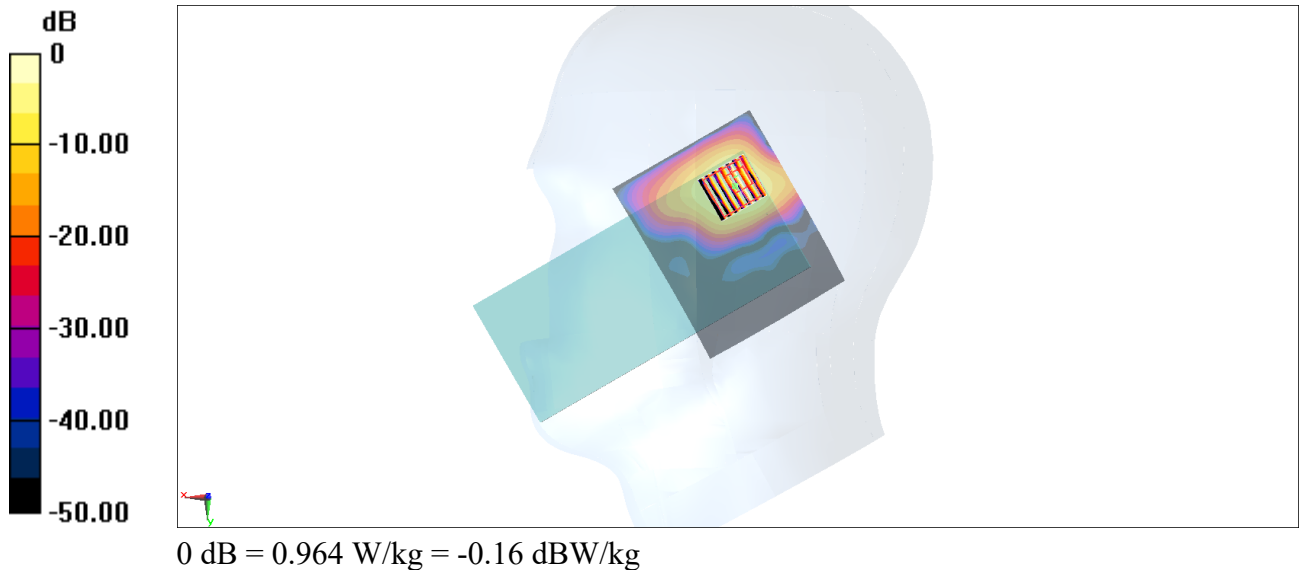
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.812 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.56 W/kg

**SAR(1 g) = 0.355 W/kg; SAR(10 g) = 0.111 W/kg**

Maximum value of SAR (measured) = 0.964 W/kg



**#16\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Right Cheek\_Ch155;Chain 1**

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.035

Medium: HSL\_5G\_190628 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.25$  S/m;  $\epsilon_r = 35.458$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7306; ConvF(5, 5, 5) @ 5775 MHz; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (101x61x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 0.447 W/kg

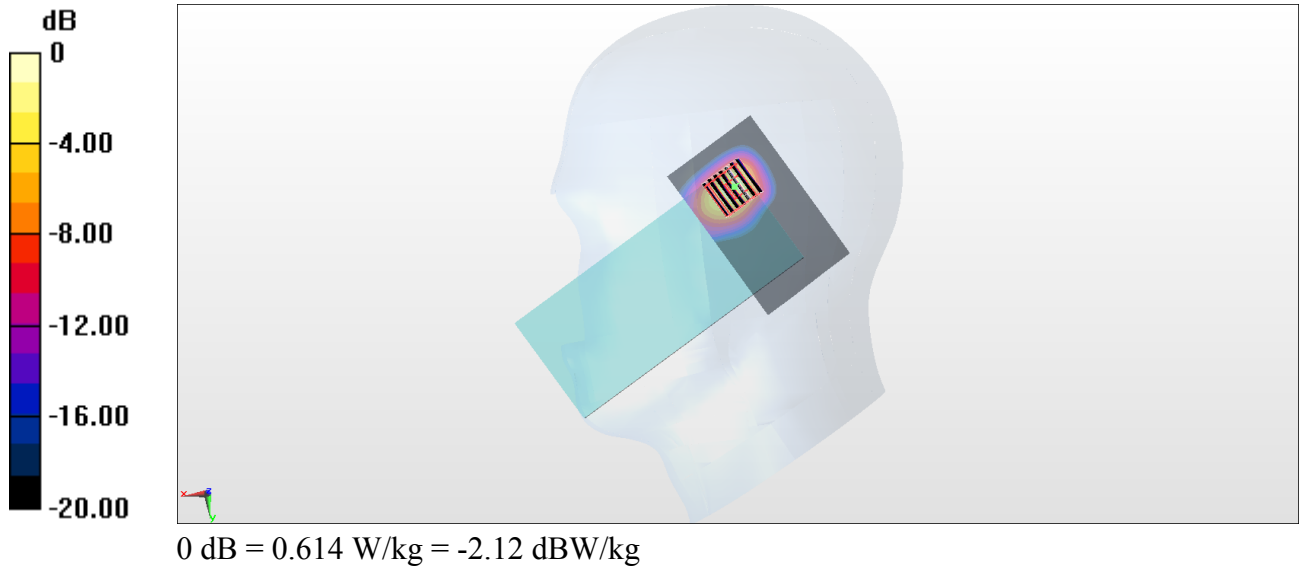
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 8.086 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.56 W/kg

**SAR(1 g) = 0.224 W/kg; SAR(10 g) = 0.058 W/kg**

Maximum value of SAR (measured) = 0.614 W/kg





**#17\_Bluetooth\_1Mbps\_Right Cheek\_Ch78;Chain 0**

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.297

Medium: HSL\_2450\_190626 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.804$  S/m;  $\epsilon_r = 40.513$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7306; ConvF(7.43, 7.43, 7.43) @ 2480 MHz; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (91x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.144 W/kg

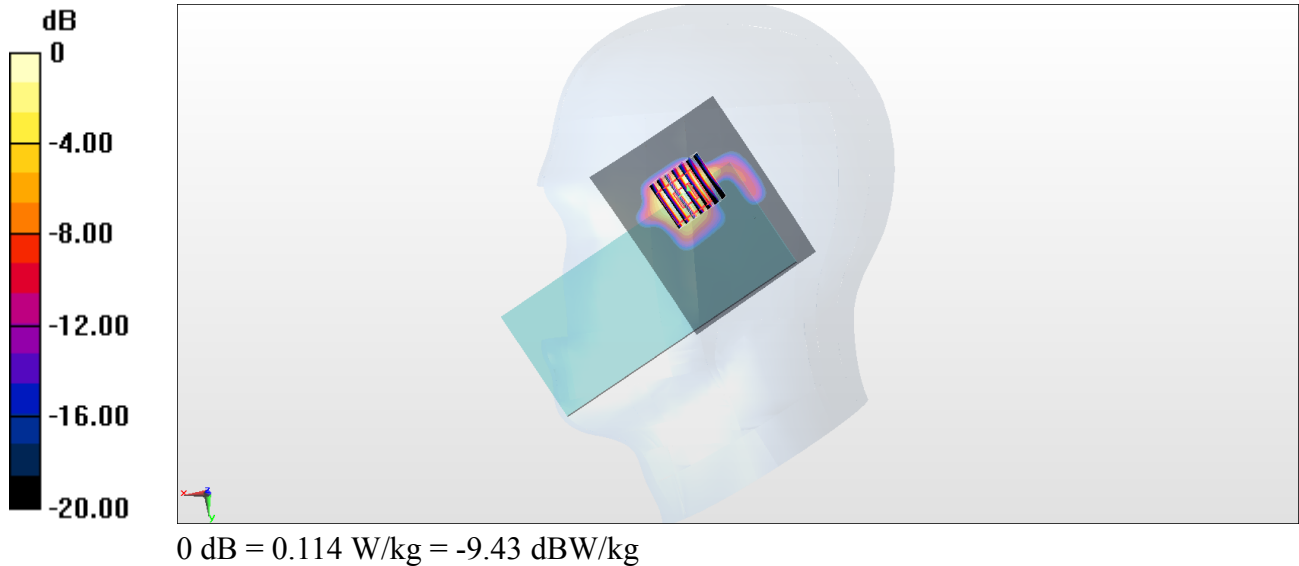
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.959 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.155 W/kg

**SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.026 W/kg**

Maximum value of SAR (measured) = 0.114 W/kg



**#18\_GSM850\_GPRS (4 Tx slots)\_Left Side\_10mm\_Ch128**

Communication System: GSM850 ; Frequency: 824.2 MHz; Duty Cycle: 1:2.08

Medium: HSL\_850\_190625 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.863$  S/m;  $\epsilon_r = 41.607$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.97, 5.97, 5.97) @ 824.2 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (51x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

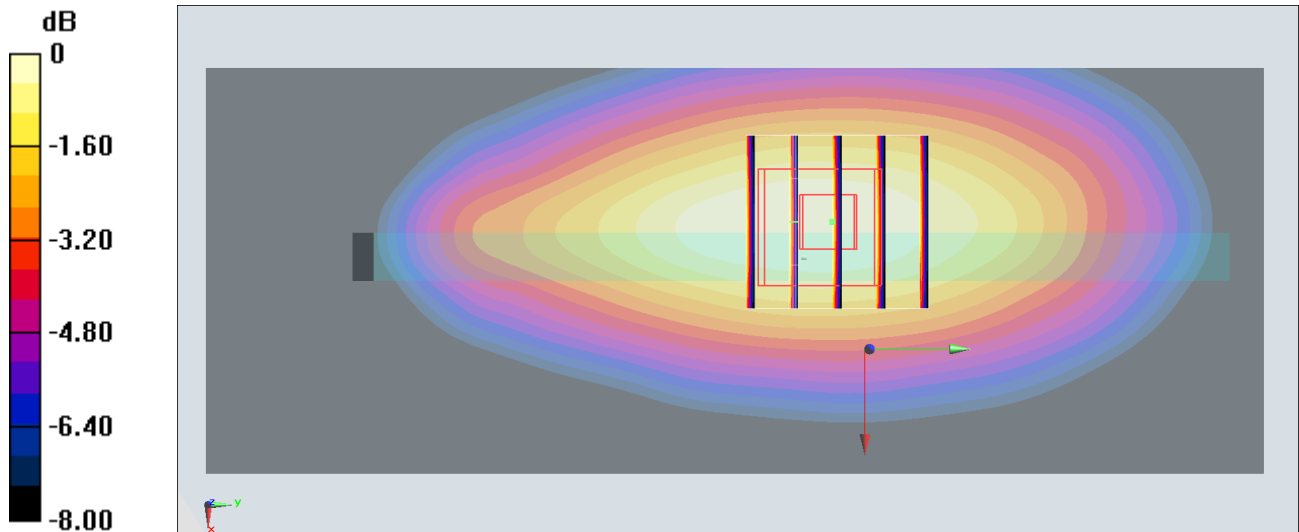
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.16 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.493 W/kg

**SAR(1 g) = 0.352 W/kg; SAR(10 g) = 0.244 W/kg**

Maximum value of SAR (measured) = 0.401 W/kg



0 dB = 0.401 W/kg = -3.97 dBW/kg

**#19\_GSM1900\_EDGE (4 Tx slots)\_Bottom Side\_10mm\_Ch661**

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

Medium: HSL\_1900\_190620 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.405$  S/m;  $\epsilon_r = 39.634$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(4.95, 4.95, 4.95) @ 1880 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (51x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

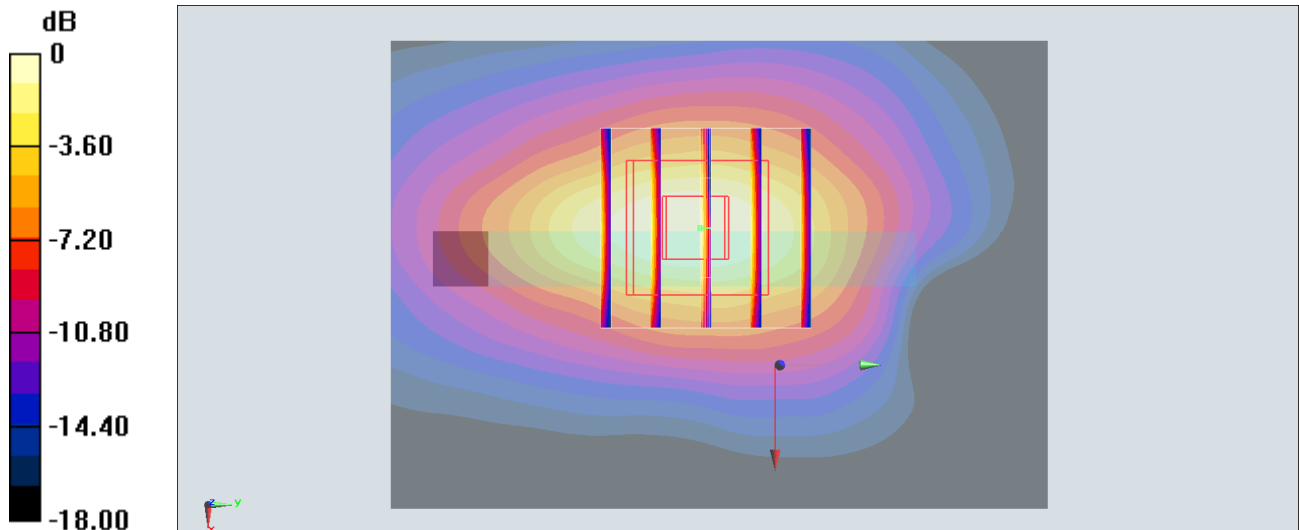
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.46 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.524 W/kg

**SAR(1 g) = 0.323 W/kg; SAR(10 g) = 0.174 W/kg**

Maximum value of SAR (measured) = 0.399 W/kg



0 dB = 0.399 W/kg = -3.99 dBW/kg

**#20\_WCDMA II\_RMC 12.2Kbps\_Bottom Side\_10mm\_Ch9538**

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

Medium: HSL\_1900\_190620 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.431$  S/m;  $\epsilon_r = 39.517$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(4.95, 4.95, 4.95) @ 1907.6 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (51x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.678 W/kg

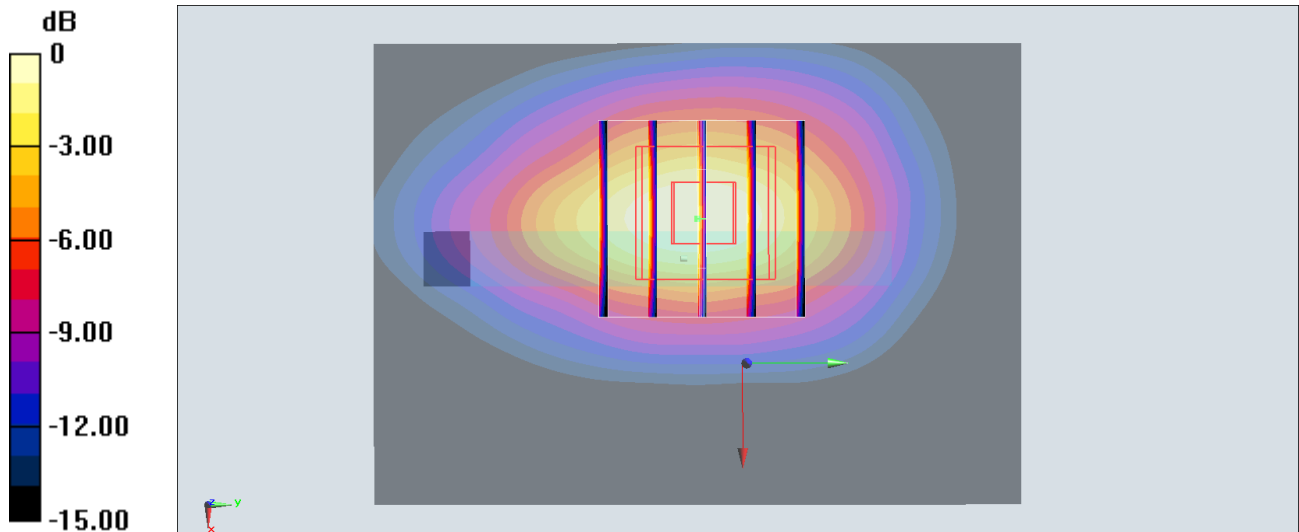
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.50 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.838 W/kg

**SAR(1 g) = 0.506 W/kg; SAR(10 g) = 0.272 W/kg**

Maximum value of SAR (measured) = 0.630 W/kg



0 dB = 0.630 W/kg = -2.01 dBW/kg

**#21\_WCDMA IV\_RMC 12.2Kbps\_Bottom Side\_10mm\_Ch1413**

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

Medium: HSL\_1750\_190623 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.357$  S/m;  $\epsilon_r = 40.864$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.18, 5.18, 5.18) @ 1732.6 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (51x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.540 W/kg

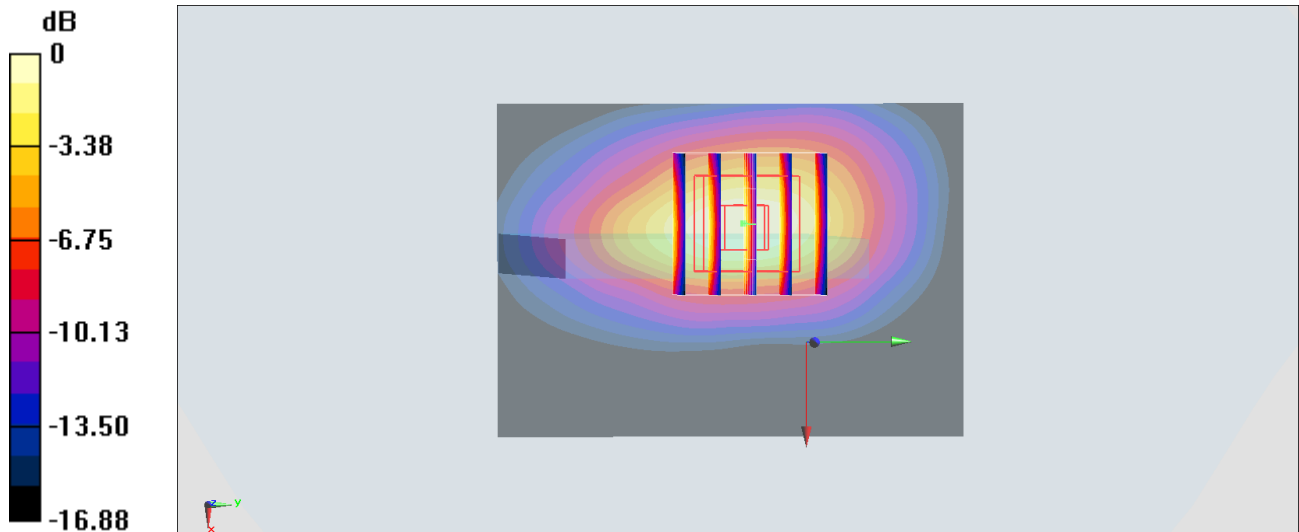
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.92 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.678 W/kg

**SAR(1 g) = 0.404 W/kg; SAR(10 g) = 0.216 W/kg**

Maximum value of SAR (measured) = 0.498 W/kg



0 dB = 0.498 W/kg = -3.03 dBW/kg

**#22\_WCDMA V\_RMC 12.2Kbps\_Back\_10mm\_Ch4182**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_190625 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.874$  S/m;  $\epsilon_r = 41.451$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.97, 5.97, 5.97) @ 836.4 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 0.333 W/kg

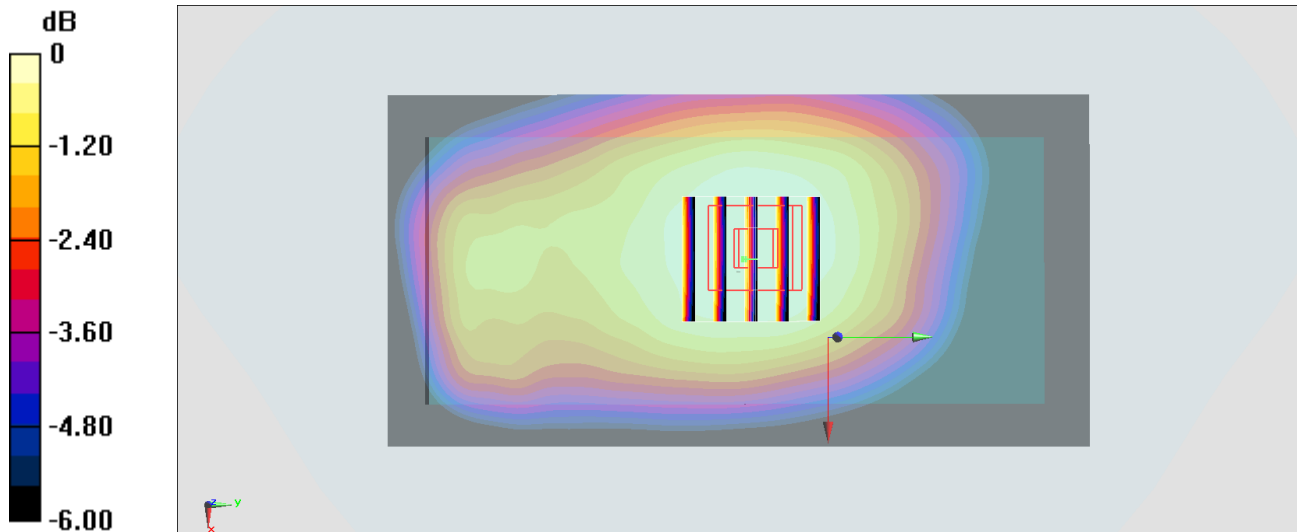
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.59 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.364 W/kg

**SAR(1 g) = 0.298 W/kg; SAR(10 g) = 0.234 W/kg**

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



**#23\_LTE Band 7\_20M\_QPSK\_50\_24\_Bottom Side\_10mm\_Ch20850**

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

Medium: HSL\_2600\_190619 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.857$  S/m;  $\epsilon_r = 38.257$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(4.37, 4.37, 4.37) @ 2510 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1477
- 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) = 0.764 W/kg

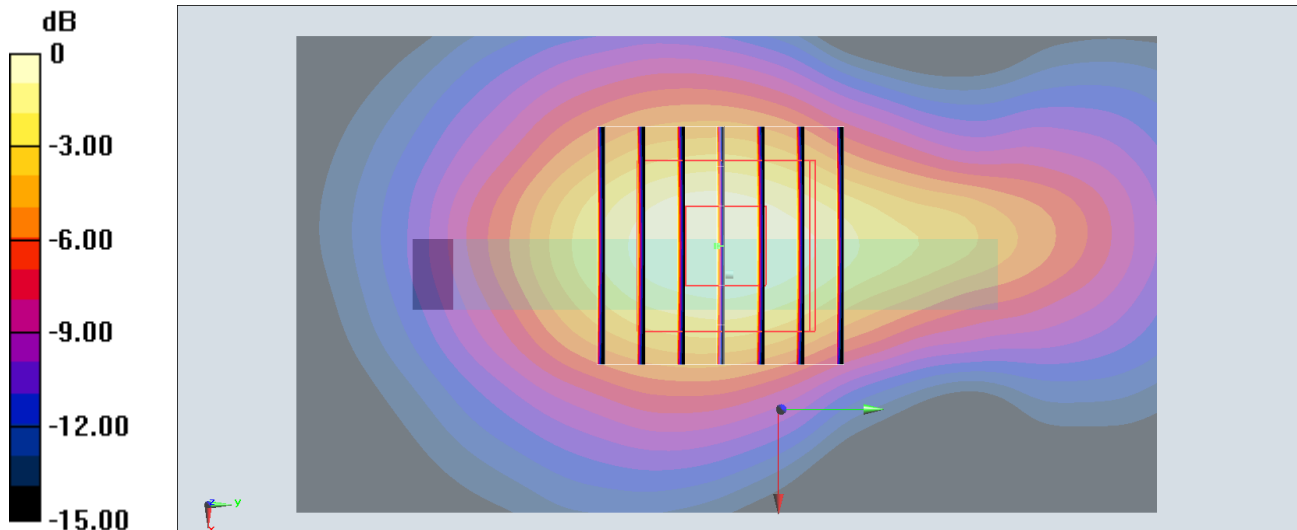
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.06 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.09 W/kg

**SAR(1 g) = 0.562 W/kg; SAR(10 g) = 0.278 W/kg**

Maximum value of SAR (measured) = 0.721 W/kg



0 dB = 0.721 W/kg = -1.42 dBW/kg

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

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

Medium: HSL\_750\_190624 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.858$  S/m;  $\epsilon_r = 43.972$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(6.15, 6.15, 6.15) @ 707.5 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (61x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

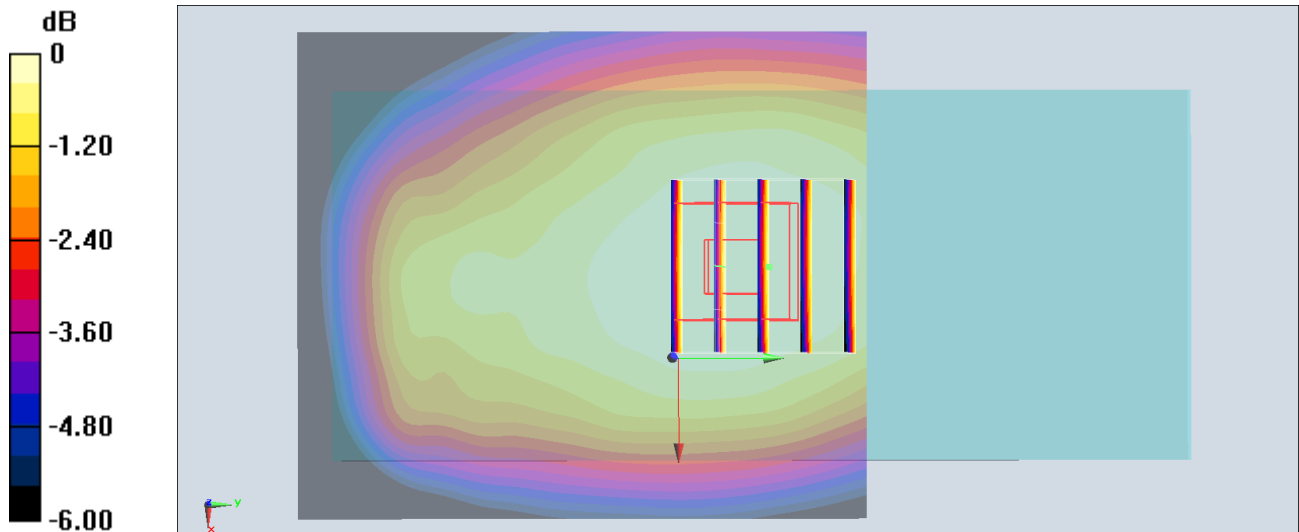
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.05 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.274 W/kg

**SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.187 W/kg**

Maximum value of SAR (measured) = 0.248 W/kg



0 dB = 0.248 W/kg = -6.06 dBW/kg



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

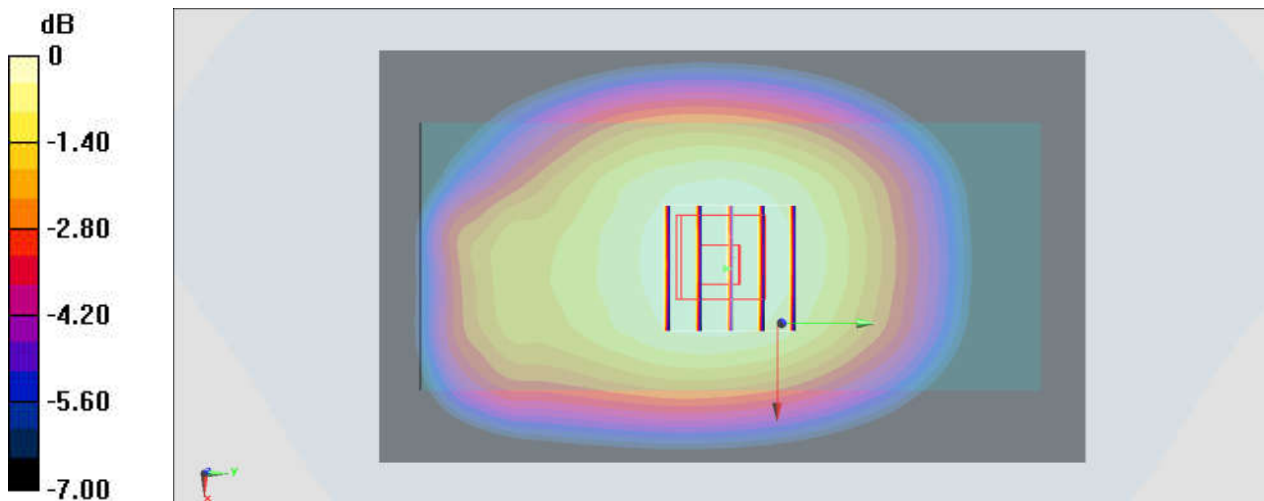
Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1  
Medium: HSL\_750\_190805 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.932 \text{ S/m}$ ;  $\epsilon_r = 40.445$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $23.2 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.2 \text{ }^\circ\text{C}$

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.56, 6.56, 6.56) @ 782 MHz; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) =  $0.422 \text{ W/kg}$

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $21.50 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$   
Peak SAR (extrapolated) =  $0.469 \text{ W/kg}$   
**SAR(1 g) =  $0.389 \text{ W/kg}$ ; SAR(10 g) =  $0.306 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $0.421 \text{ W/kg}$



$0 \text{ dB} = 0.421 \text{ W/kg} = -3.76 \text{ dBW/kg}$

## #26\_LTE Band 25\_20M\_QPSK\_50\_50\_Bottom Side\_10mm\_Ch26340

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

Medium: HSL\_1900\_190723 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.405$  S/m;  $\epsilon_r = 39.614$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(4.95, 4.95, 4.95) @ 1880 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.637 W/kg

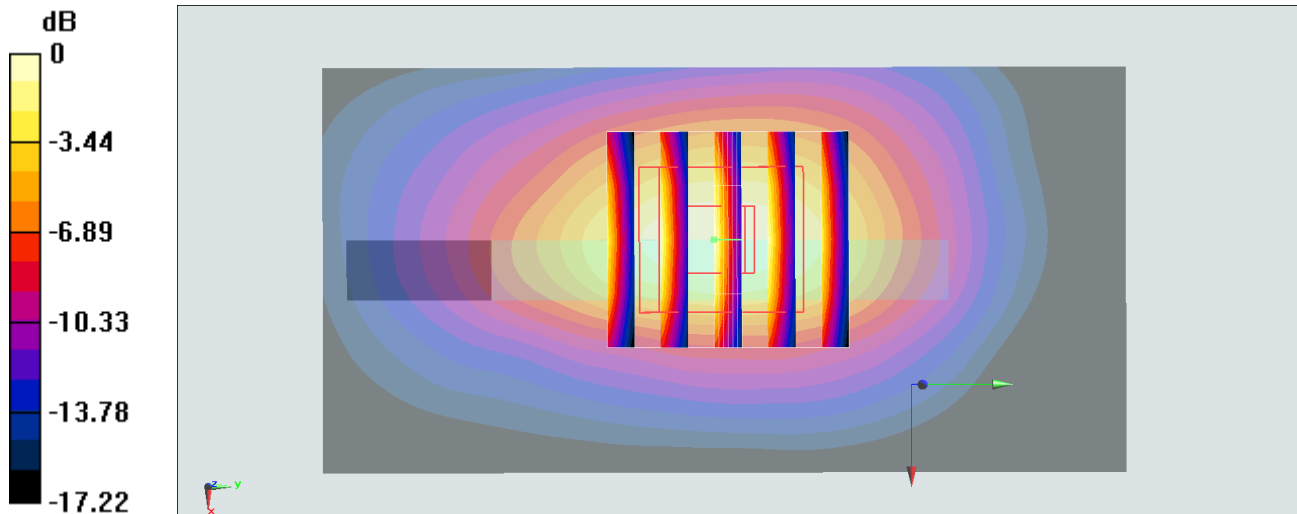
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.00 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.860 W/kg

**SAR(1 g) = 0.506 W/kg; SAR(10 g) = 0.267 W/kg**

Maximum value of SAR (measured) = 0.634 W/kg



0 dB = 0.634 W/kg = -1.98 dBW/kg

### #27\_LTE Band 26\_15M\_QPSK\_1\_0\_Left Side\_10mm\_Ch26865

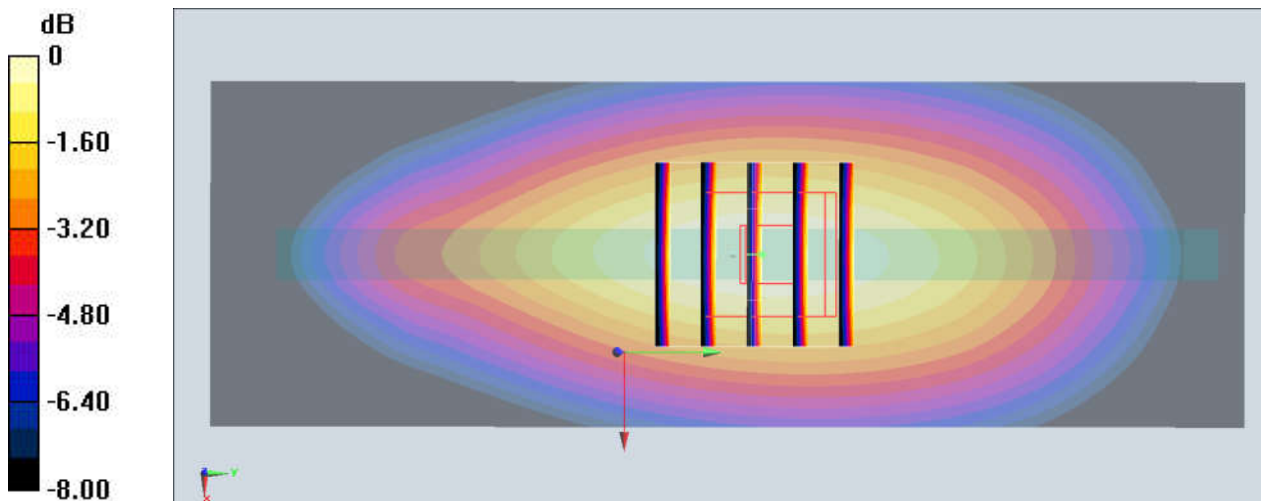
Communication System: LTE; Frequency: 831.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_850\_190805 Medium parameters used :  $f = 831.5$  MHz;  $\sigma = 0.877$  S/m;  $\epsilon_r = 42.245$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.39, 6.39, 6.39) @ 831.5 MHz; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (41x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.357 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 20.73 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 0.446 W/kg  
**SAR(1 g) = 0.312 W/kg; SAR(10 g) = 0.213 W/kg**  
Maximum value of SAR (measured) = 0.358 W/kg



0 dB = 0.358 W/kg = -4.46 dBW/kg

## #28\_LTE Band 66\_20M\_QPSK\_50\_0\_Bottom Side\_10mm\_Ch132322

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

Medium: HSL\_1750\_190723 Medium parameters used :  $f = 1745$  MHz;  $\sigma = 1.363$  S/m;  $\epsilon_r = 38.846$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.18, 5.18, 5.18) @ 1745 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 0.675 W/kg

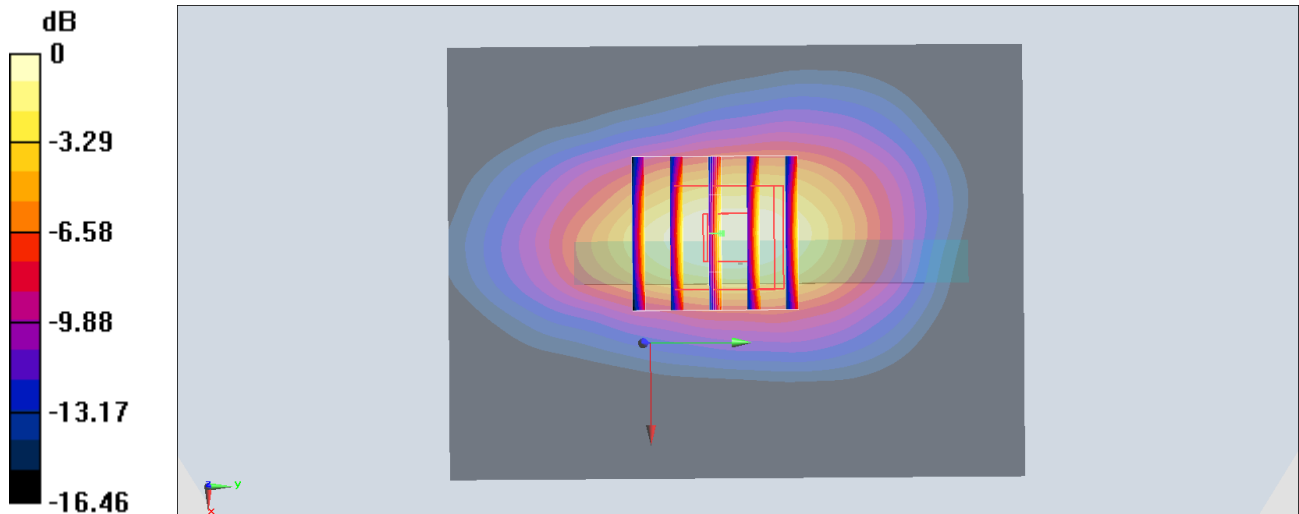
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.01 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.817 W/kg

**SAR(1 g) = 0.500 W/kg; SAR(10 g) = 0.273 W/kg**

Maximum value of SAR (measured) = 0.610 W/kg



0 dB = 0.610 W/kg = -2.15 dBW/kg

**#29\_LTE Band 41\_20M\_QPSK\_50\_50\_Bottom Side\_10mm\_Ch41490**

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

Medium: HSL\_2600\_190619 Medium parameters used:  $f = 2680$  MHz;  $\sigma = 2.03$  S/m;  $\epsilon_r = 37.509$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(4.37, 4.37, 4.37) @ 2680 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (51x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.875 W/kg

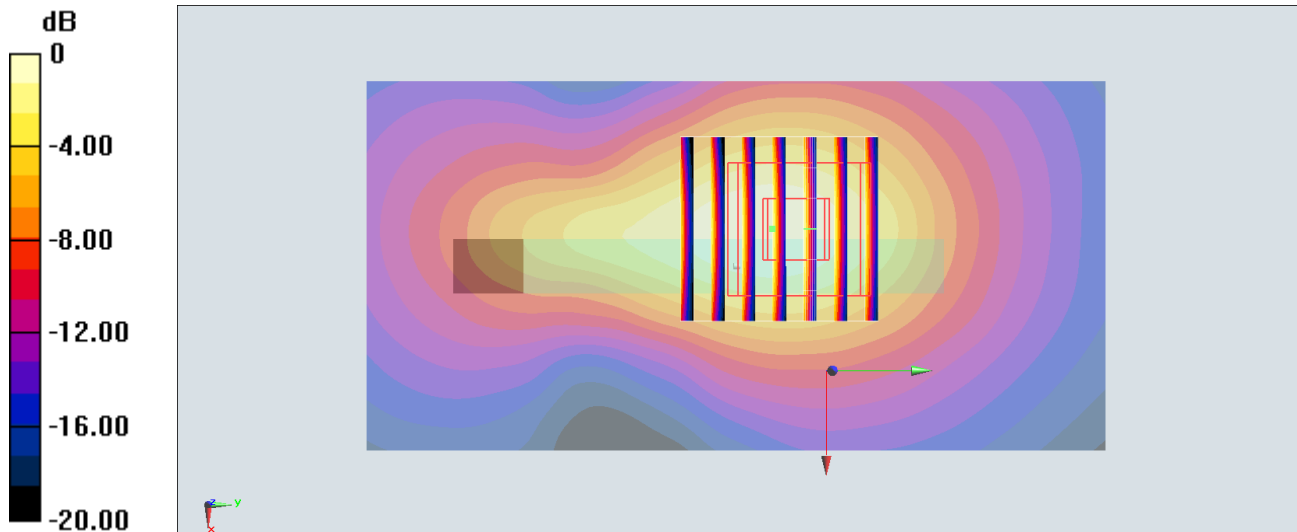
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.69 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.33 W/kg

**SAR(1 g) = 0.623 W/kg; SAR(10 g) = 0.310 W/kg**

Maximum value of SAR (measured) = 0.832 W/kg



0 dB = 0.832 W/kg = -0.80 dBW/kg

### #30\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_10mm\_Ch1;Chain 0

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1.007

Medium: HSL\_2450\_190626 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.722$  S/m;  $\epsilon_r = 40.732$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(7.43, 7.43, 7.43) @ 2412 MHz; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (81x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.176 W/kg

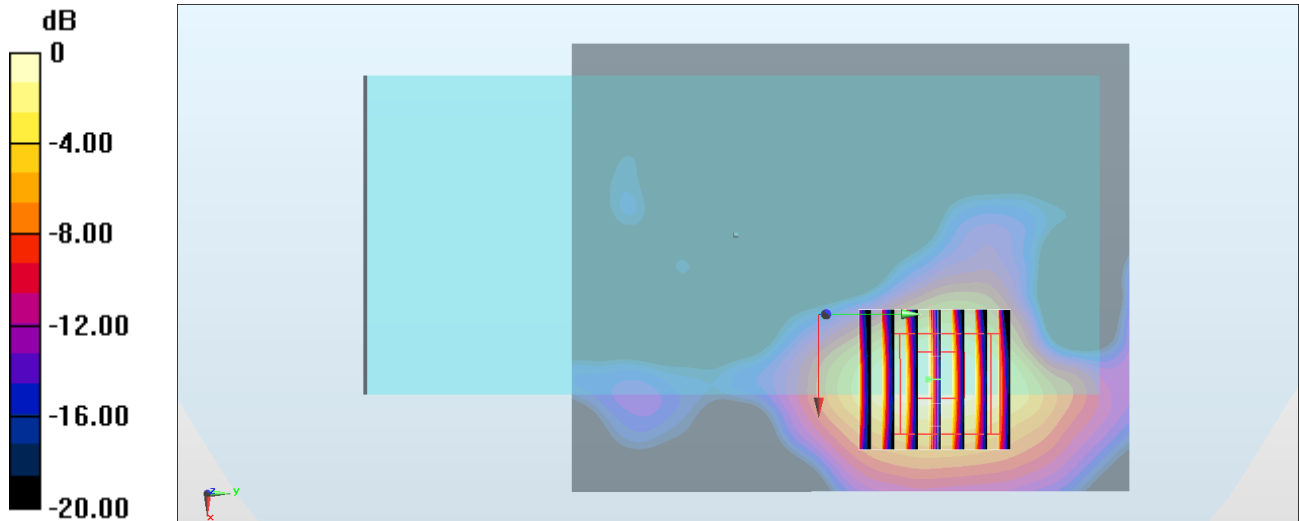
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.668 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.220 W/kg

**SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.047 W/kg**

Maximum value of SAR (measured) = 0.175 W/kg



0 dB = 0.175 W/kg = -7.58 dBW/kg

## #52\_Bluetooth\_1Mbps\_Left Side\_10mm\_Ch78

Communication System: Bluetooth ; Frequency: 2480 MHz;Duty Cycle: 1:1.297

Medium: HSL\_2450\_190626 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.804$  S/m;  $\epsilon_r = 40.513$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN7306;ConvF(7.43, 7.43, 7.43) @ 2480 MHz;Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (41x111x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0647 W/kg

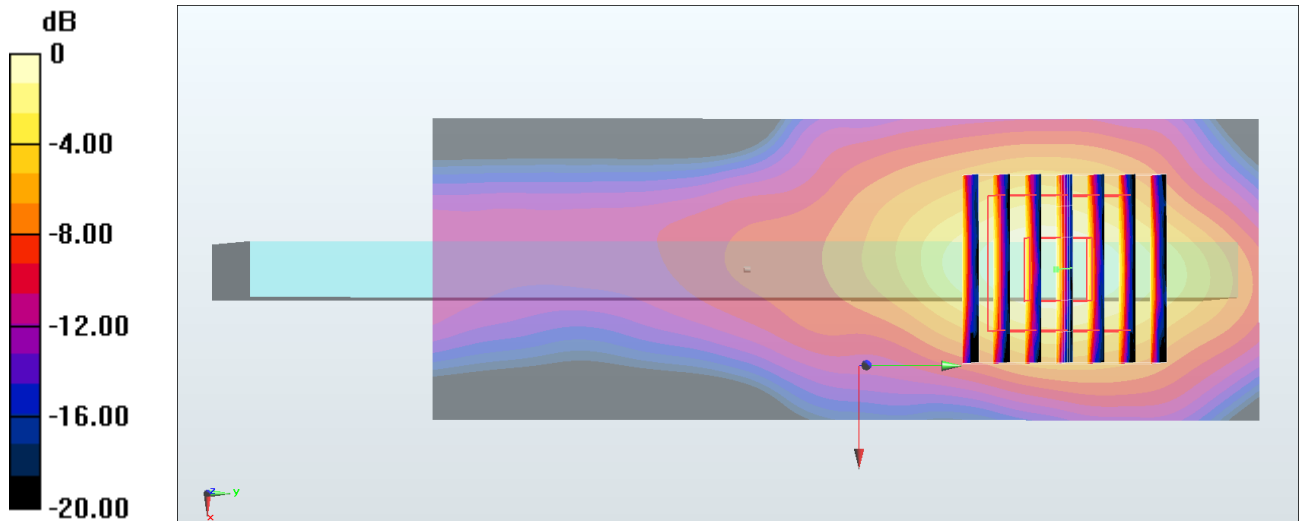
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.078 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0810 W/kg

**SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.019 W/kg**

Maximum value of SAR (measured) = 0.0659 W/kg



0 dB = 0.0647 W/kg = -11.89 dBW/kg

**#31\_GSM850\_GPRS (4 Tx slots)\_Back\_15mm\_Ch128**

Communication System: GSM850 ; Frequency: 824.2 MHz; Duty Cycle: 1:2.08

Medium: HSL\_850\_190625 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.863$  S/m;  $\epsilon_r = 41.607$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.97, 5.97, 5.97) @ 824.2 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 0.341 W/kg

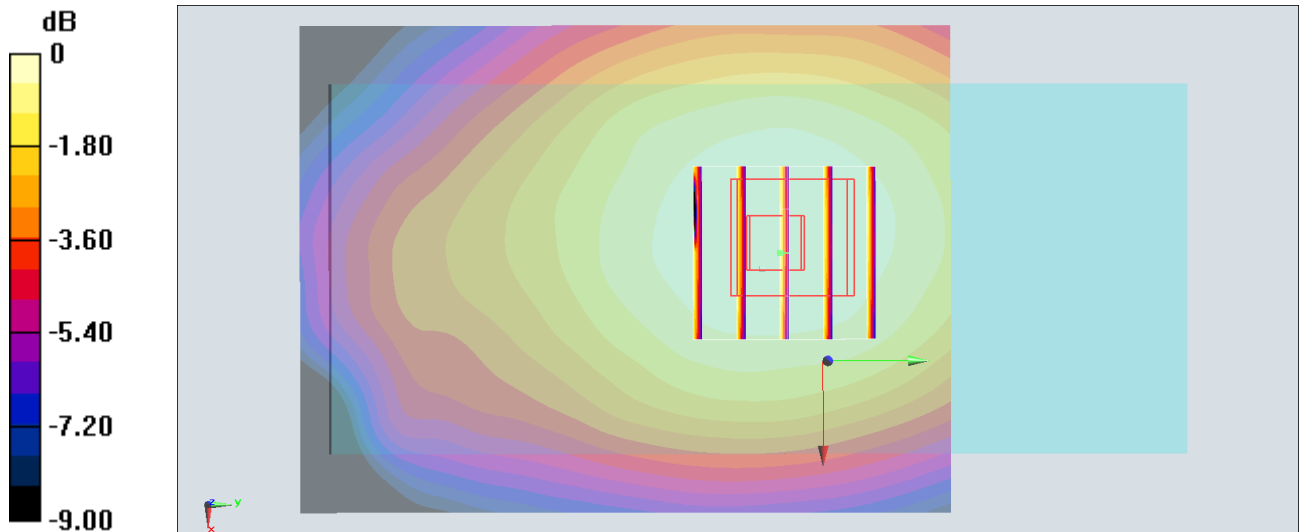
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.03 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.582 W/kg

**SAR(1 g) = 0.310 W/kg; SAR(10 g) = 0.238 W/kg**

Maximum value of SAR (measured) = 0.337 W/kg



0 dB = 0.337 W/kg = -4.72 dBW/kg



**#32\_GSM1900\_EDGE (4 Tx slots)\_Front\_15mm\_Ch661**

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

Medium: HSL\_1900\_190620 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.405$  S/m;  $\epsilon_r = 39.634$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(4.95, 4.95, 4.95) @ 1880 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

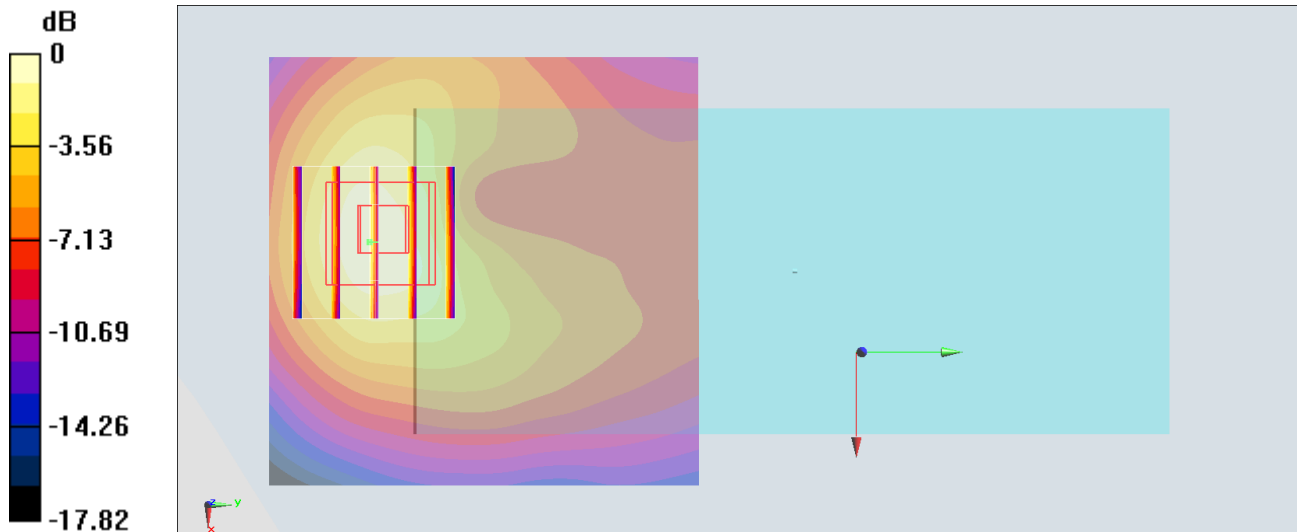
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.250 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.154 W/kg

**SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.059 W/kg**

Maximum value of SAR (measured) = 0.114 W/kg



0 dB = 0.114 W/kg = -9.43 dBW/kg

**#33\_WCDMA II\_RMC 12.2Kbps\_Back\_15mm\_Ch9538**

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

Medium: HSL\_1900\_190620 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.431$  S/m;  $\epsilon_r = 39.517$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(4.95, 4.95, 4.95) @ 1907.6 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**Area Scan (61x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.200 W/kg

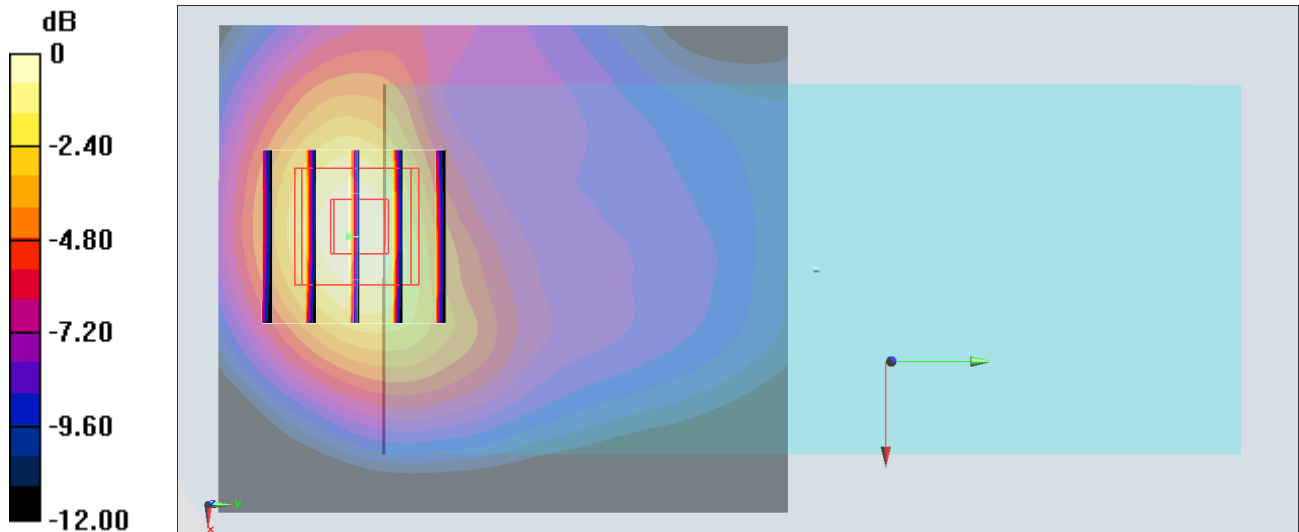
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.41 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.261 W/kg

**SAR(1 g) = 0.169 W/kg; SAR(10 g) = 0.100 W/kg**

Maximum value of SAR (measured) = 0.201 W/kg



0 dB = 0.201 W/kg = -6.97 dBW/kg

**#34\_WCDMA IV\_RMC 12.2Kbps\_Back\_15mm\_Ch1413**

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

Medium: HSL\_1750\_190623 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.357$  S/m;  $\epsilon_r = 40.864$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.18, 5.18, 5.18) @ 1732.6 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (61x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

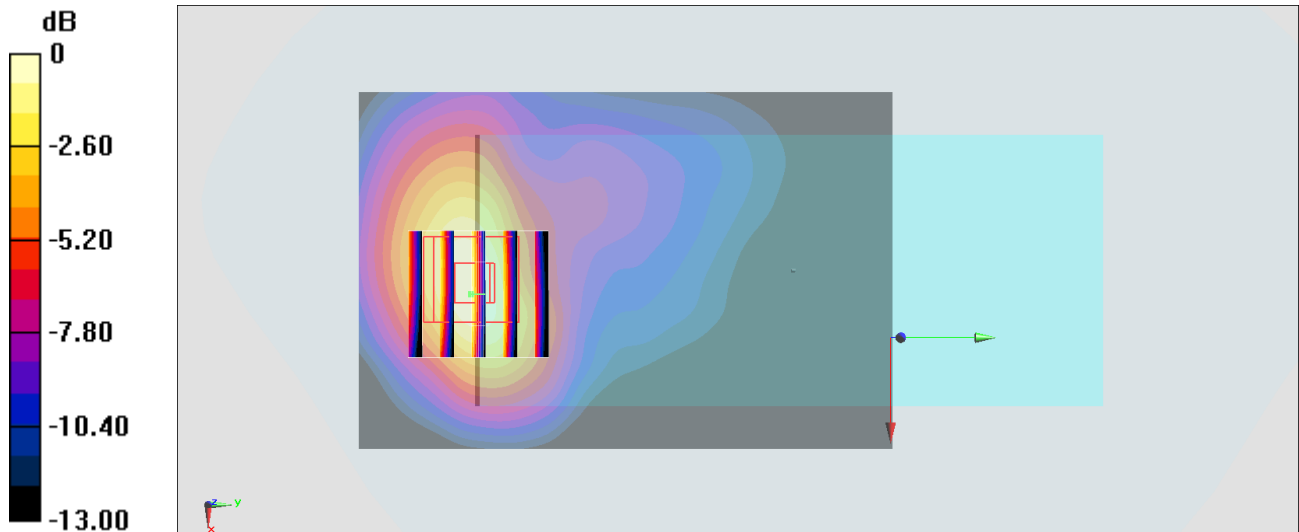
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.48 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.283 W/kg

**SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.105 W/kg**

Maximum value of SAR (measured) = 0.217 W/kg



0 dB = 0.217 W/kg = -6.64 dBW/kg

**#35\_WCDMA V\_RMC 12.2Kbps\_Back\_15mm\_Ch4182**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_190625 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.874$  S/m;  $\epsilon_r = 41.451$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.97, 5.97, 5.97) @ 836.4 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

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

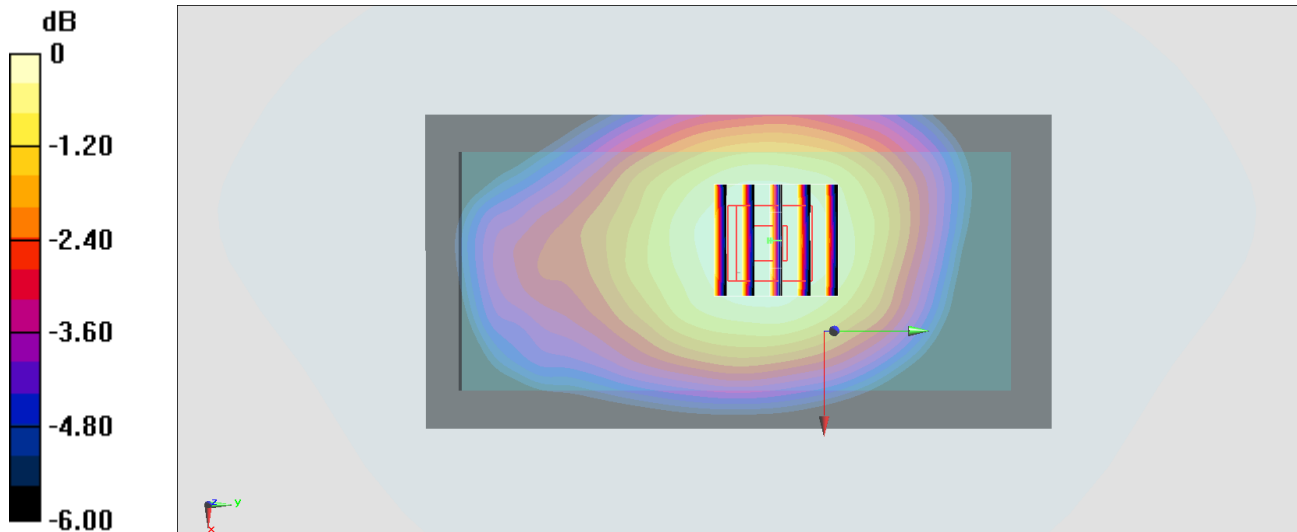
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.12 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.315 W/kg

**SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.198 W/kg**

Maximum value of SAR (measured) = 0.279 W/kg



0 dB = 0.279 W/kg = -5.54 dBW/kg

**#36\_LTE Band 7\_20M\_QPSK\_50\_24\_Back\_15mm\_Ch20850**

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

Medium: HSL\_2600\_190619 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.857$  S/m;  $\epsilon_r = 38.257$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(4.37, 4.37, 4.37) @ 2510 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x111x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.161 W/kg

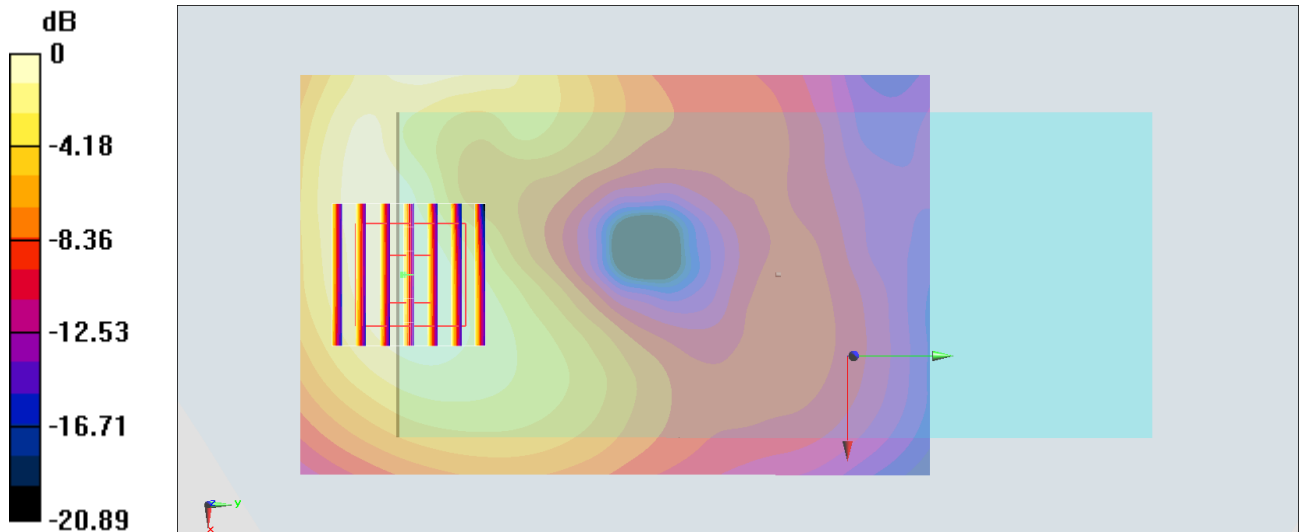
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.044 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.234 W/kg

**SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.073 W/kg**

Maximum value of SAR (measured) = 0.162 W/kg



0 dB = 0.162 W/kg = -7.90 dBW/kg

**#37\_LTE Band 12\_10M\_QPSK\_1\_49\_Back\_15mm\_Ch23095**

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

Medium: HSL\_750\_190624 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.858$  S/m;  $\epsilon_r = 43.972$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(6.15, 6.15, 6.15) @ 707.5 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (61x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.225 W/kg

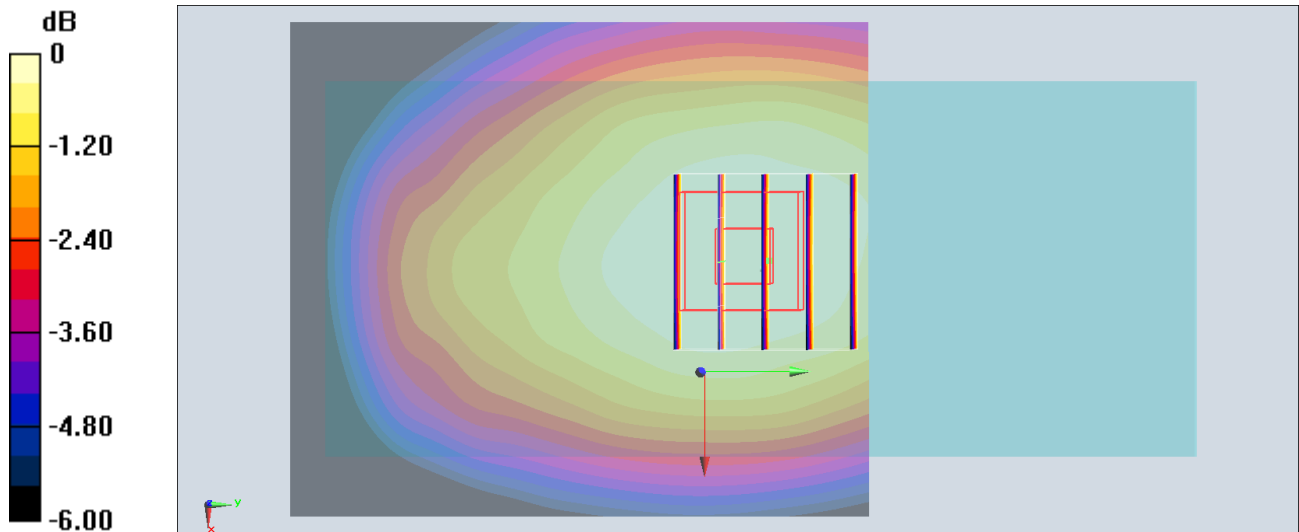
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.40 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.245 W/kg

**SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.164 W/kg**

Maximum value of SAR (measured) = 0.220 W/kg



0 dB = 0.220 W/kg = -6.58 dBW/kg

### #38\_LTE Band 13\_10M\_QPSK\_1\_25\_Back\_15mm\_Ch23230

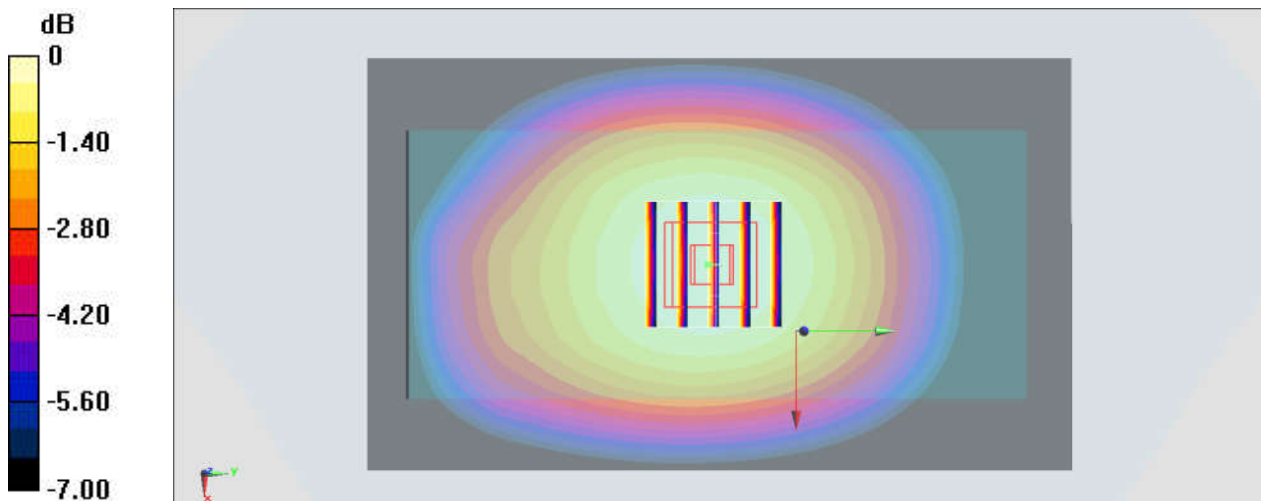
Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1  
Medium: HSL\_750\_190805 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.932 \text{ S/m}$ ;  $\epsilon_r = 40.445$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $23.2 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.2 \text{ }^\circ\text{C}$

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.56, 6.56, 6.56) @ 782 MHz; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) =  $0.402 \text{ W/kg}$

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $20.69 \text{ V/m}$ ; Power Drift =  $0.06 \text{ dB}$   
Peak SAR (extrapolated) =  $0.450 \text{ W/kg}$   
**SAR(1 g) =  $0.369 \text{ W/kg}$ ; SAR(10 g) =  $0.287 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $0.401 \text{ W/kg}$



0 dB =  $0.401 \text{ W/kg} = -3.97 \text{ dBW/kg}$

**#39\_LTE Band 25\_20M\_QPSK\_50\_50\_Back\_15mm\_Ch26590**

Communication System: LTE; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_190806 Medium parameters used:  $f = 1905$  MHz;  $\sigma = 1.446$  S/m;  $\epsilon_r = 41.042$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7515; ConvF(8.33, 8.33, 8.33) @ 1905 MHz; Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2018/12/11
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.564 W/kg

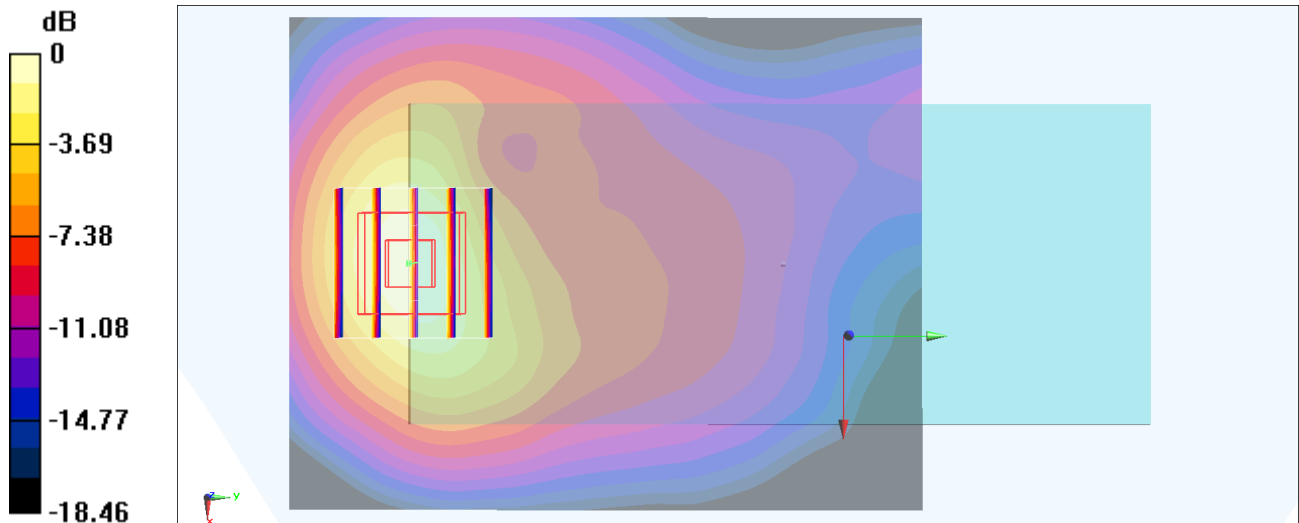
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.82 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.678 W/kg

**SAR(1 g) = 0.401 W/kg; SAR(10 g) = 0.224 W/kg**

Maximum value of SAR (measured) = 0.585 W/kg





### #40\_LTE Band 26\_15M\_QPSK\_1\_0\_Front\_15mm\_Ch26865

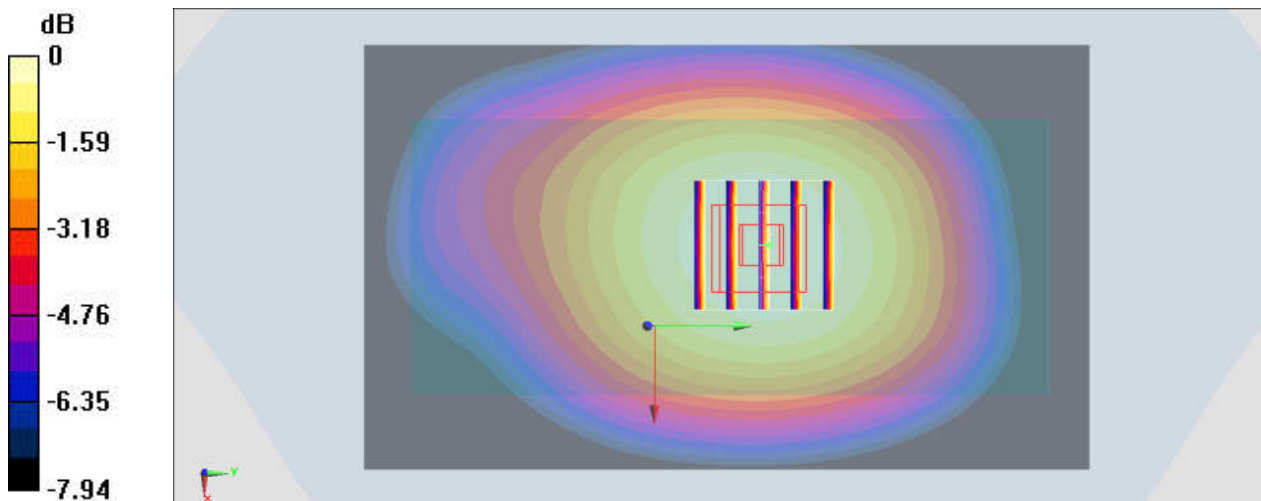
Communication System: LTE; Frequency: 831.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_850\_190805 Medium parameters used :  $f = 831.5$  MHz;  $\sigma = 0.877$  S/m;  $\epsilon_r = 42.245$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.39, 6.39, 6.39) @ 831.5 MHz; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.286 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 16.02 V/m; Power Drift = 0.16 dB  
Peak SAR (extrapolated) = 0.325 W/kg  
**SAR(1 g) = 0.260 W/kg; SAR(10 g) = 0.199 W/kg**  
Maximum value of SAR (measured) = 0.285 W/kg



0 dB = 0.285 W/kg = -5.45 dBW/kg

## #41\_LTE Band 66\_20M\_QPSK\_50\_0\_Front\_15mm\_Ch132572

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

Medium: HSL\_1750\_190806 Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.364$  S/m;  $\epsilon_r = 41.135$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7515; ConvF(8.65, 8.65, 8.65) @ 1770 MHz; Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2018/12/11
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

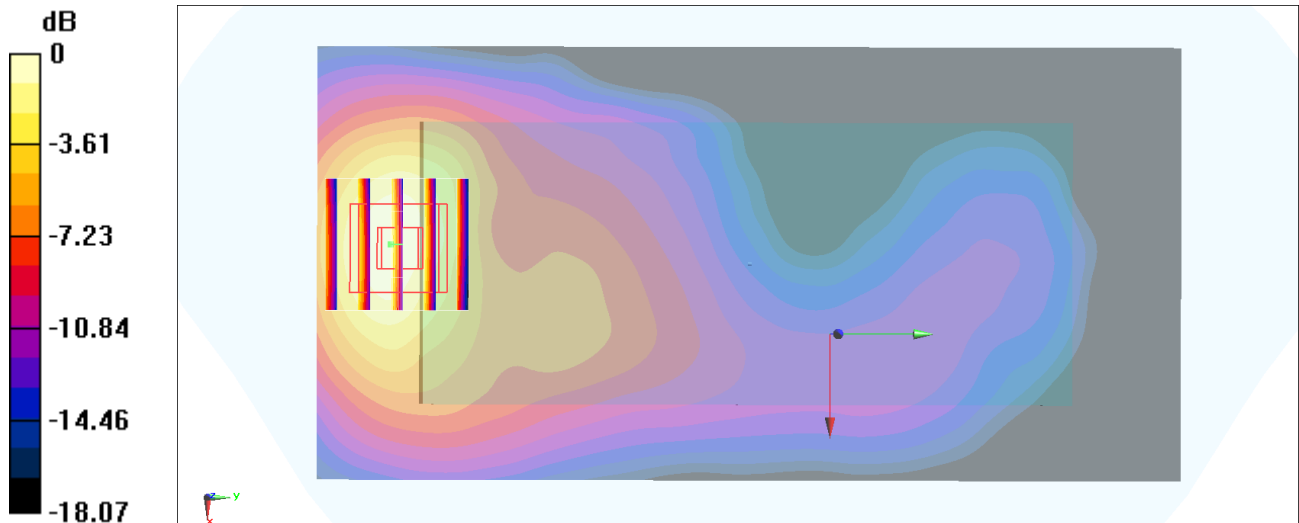
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.82 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.587 W/kg

**SAR(1 g) = 0.362 W/kg; SAR(10 g) = 0.204 W/kg**

Maximum value of SAR (measured) = 0.493 W/kg



0 dB = 0.493 W/kg = -3.07 dBW/kg

## #42\_LTE Band 41\_20M\_QPSK\_50\_50\_Back\_15mm\_Ch39750

Communication System: LTE; Frequency: 2506 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600\_190619 Medium parameters used :  $f = 2506$  MHz;  $\sigma = 1.839$  S/m;  $\epsilon_r = 38.274$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(4.37, 4.37, 4.37) @ 2506 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1477
- 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) = 0.167 W/kg

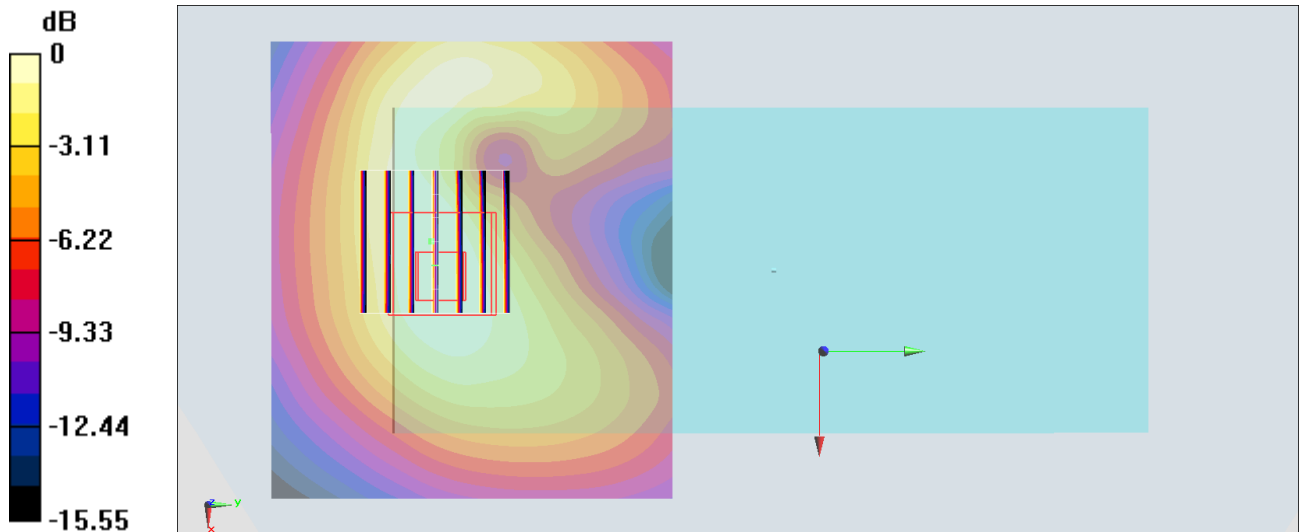
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.905 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.239 W/kg

**SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.073 W/kg**

Maximum value of SAR (measured) = 0.161 W/kg



0 dB = 0.161 W/kg = -7.93 dBW/kg

## #43\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_15mm\_Ch1;Chain 0

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1.007

Medium: HSL\_2450\_190626 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.722$  S/m;  $\epsilon_r = 40.732$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(7.43, 7.43, 7.43) @ 2412 MHz; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (81x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0768 W/kg

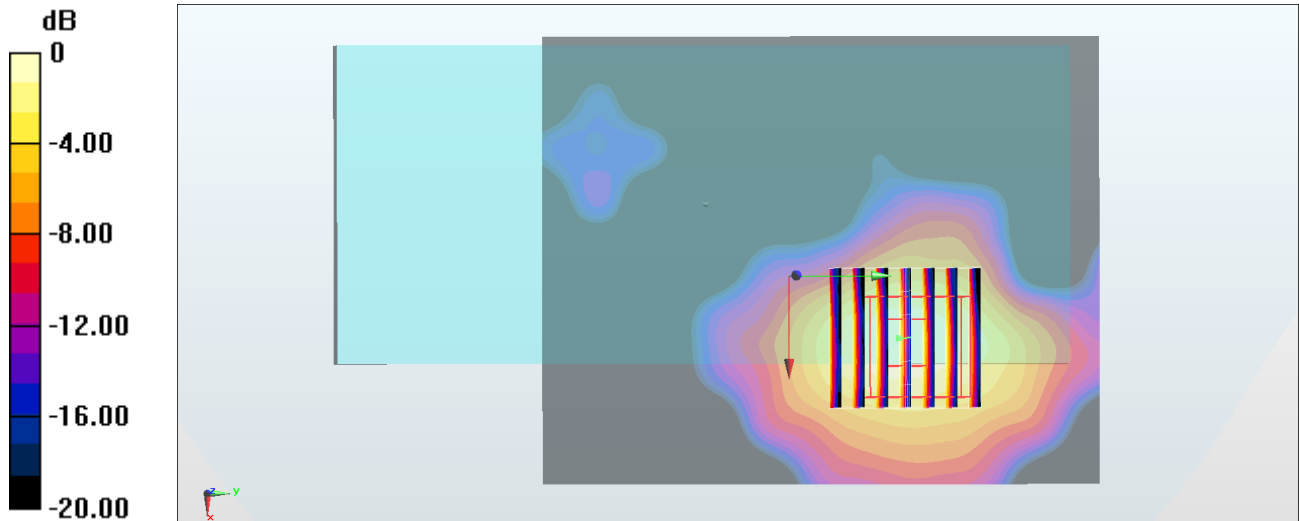
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.580 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0940 W/kg

**SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.023 W/kg**

Maximum value of SAR (measured) = 0.0757 W/kg



0 dB = 0.0768 W/kg = -11.15 dBW/kg

## #44\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_15mm\_Ch58;Chain 0

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.035

Medium: HSL\_5G\_190627 Medium parameters used :  $f = 5290$  MHz;  $\sigma = 4.738$  S/m;  $\epsilon_r = 36.118$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(5.38, 5.38, 5.38) @ 5290 MHz; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.179 W/kg

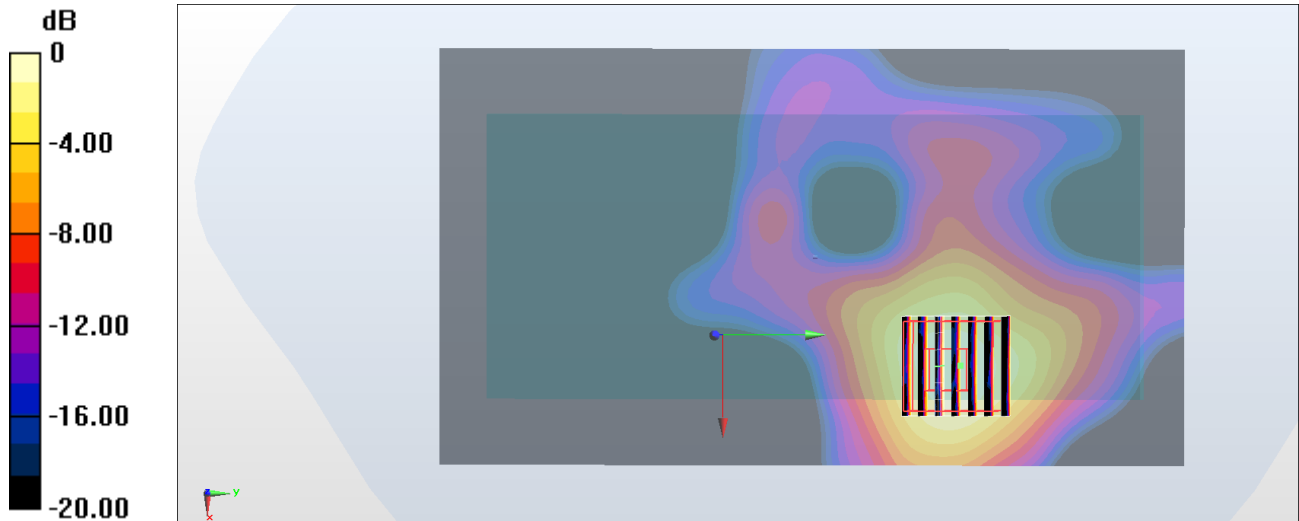
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.259 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.243 W/kg

**SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.029 W/kg**

Maximum value of SAR (measured) = 0.160 W/kg



0 dB = 0.179 W/kg = -7.47 dBW/kg

**#45\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Front\_15mm\_Ch122;Chain 1**

Communication System: 802.11ac; Frequency: 5610 MHz; Duty Cycle: 1:1.035

Medium: HSL\_5G\_190627 Medium parameters used :  $f = 5610$  MHz;  $\sigma = 5.07$  S/m;  $\epsilon_r = 35.674$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7306; ConvF(4.71, 4.71, 4.71) @ 5610 MHz; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.146 W/kg

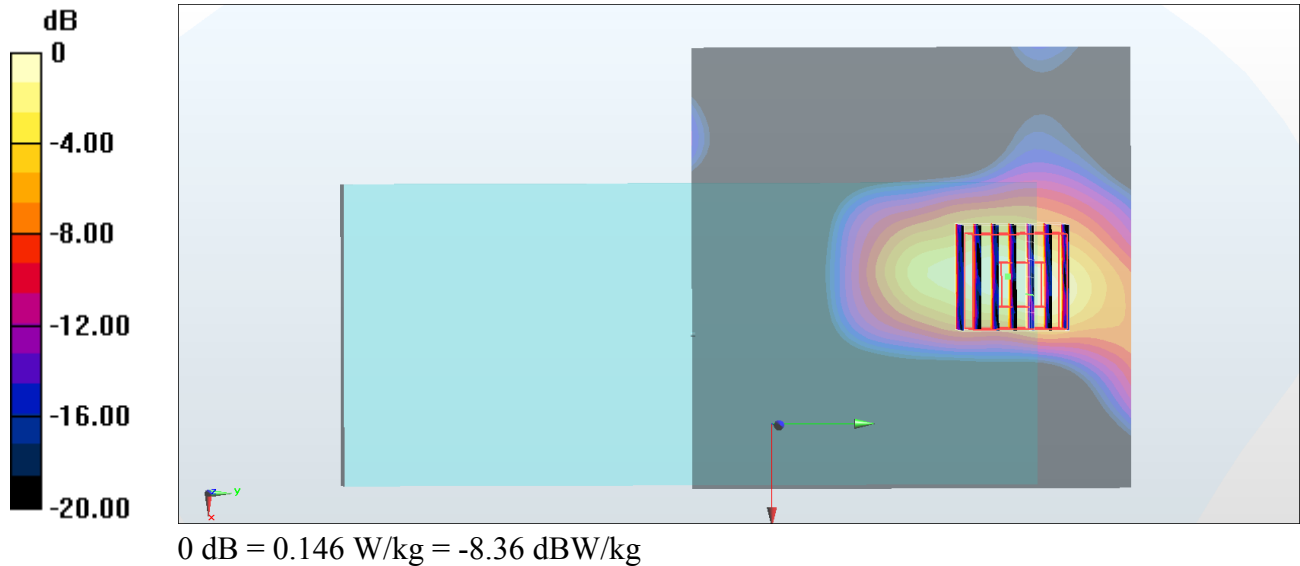
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.018 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.176 W/kg

**SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.018 W/kg**

Maximum value of SAR (measured) = 0.114 W/kg



## #46\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_15mm\_Ch155;Chain 0

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.035

Medium: HSL\_5G\_190628 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.25$  S/m;  $\epsilon_r = 35.458$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(5, 5, 5) @ 5775 MHz; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0674 W/kg

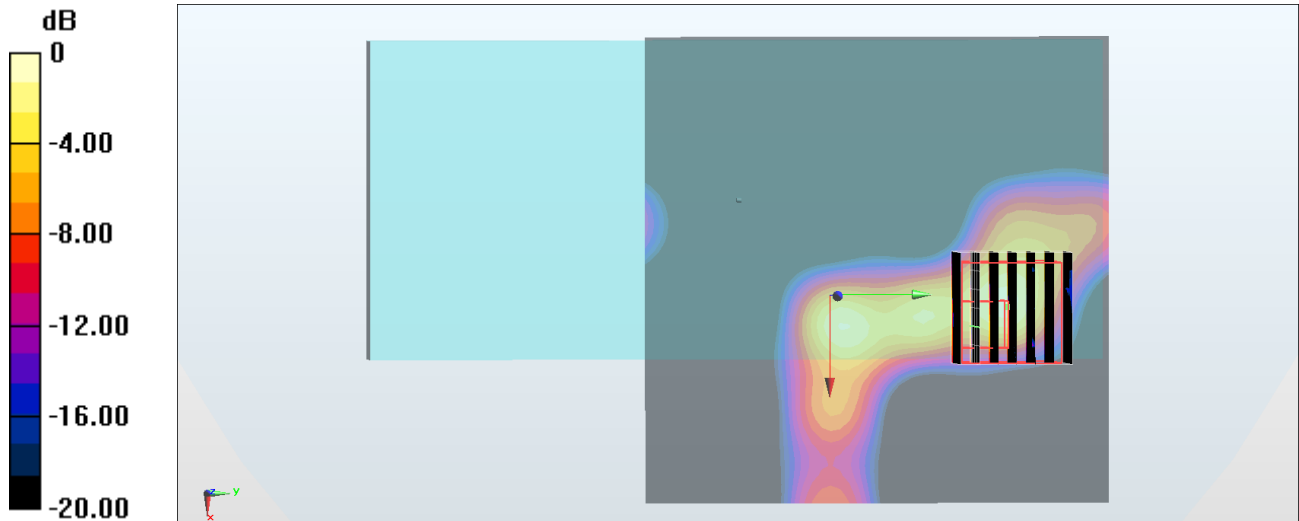
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.332 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.260 W/kg

**SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.00604 W/kg**

Maximum value of SAR (measured) = 0.0781 W/kg



0 dB = 0.0781 W/kg = -11.07 dBW/kg

### #53\_Bluetooth\_1Mbps\_Back\_15mm\_Ch78

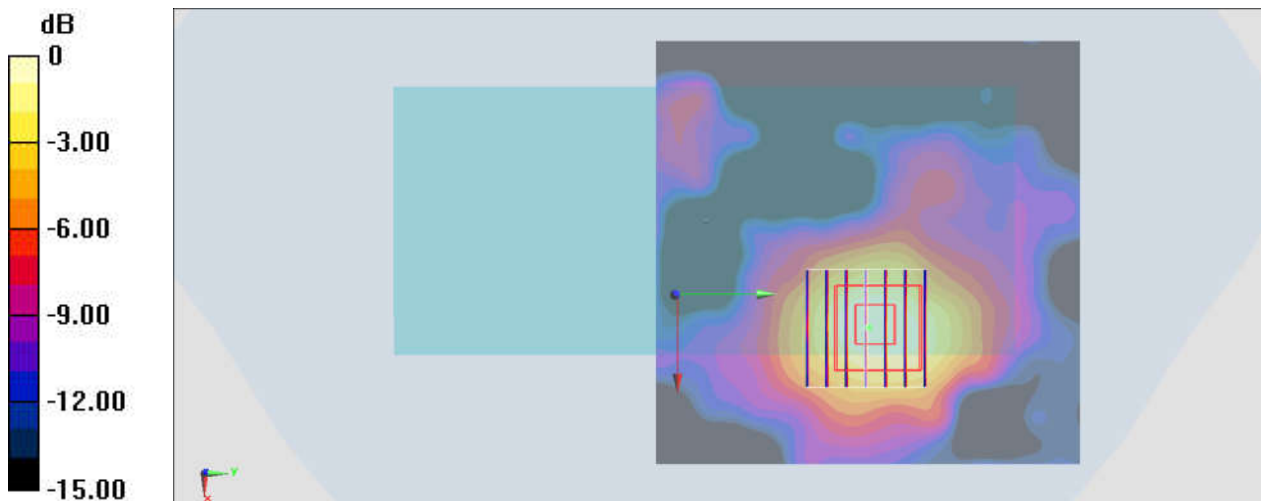
Communication System: Bluetooth ; Frequency: 2480 MHz;Duty Cycle: 1:1.297  
Medium: HSL\_2450\_190626 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.804$  S/m;  $\epsilon_r = 40.513$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.9 °C ; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7306;ConvF(7.43, 7.43, 7.43) @ 2450 MHz;Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (91x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.0247 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 3.327 V/m; Power Drift = -0.13 dB  
Peak SAR (extrapolated) = 0.0350 W/kg  
**SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.010 W/kg**  
Maximum value of SAR (measured) = 0.0243 W/kg



0 dB = 0.0243 W/kg = -16.14 dBW/kg



**#47\_LTE Band 25\_20M\_QPSK\_1\_99\_Bottom Side\_0mm\_Ch26590**

Communication System: LTE; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_190806 Medium parameters used:  $f = 1905$  MHz;  $\sigma = 1.446$  S/m;  $\epsilon_r = 41.042$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7515; ConvF(8.33, 8.33, 8.33) @ 1905 MHz; Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2018/12/11
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.8 W/kg

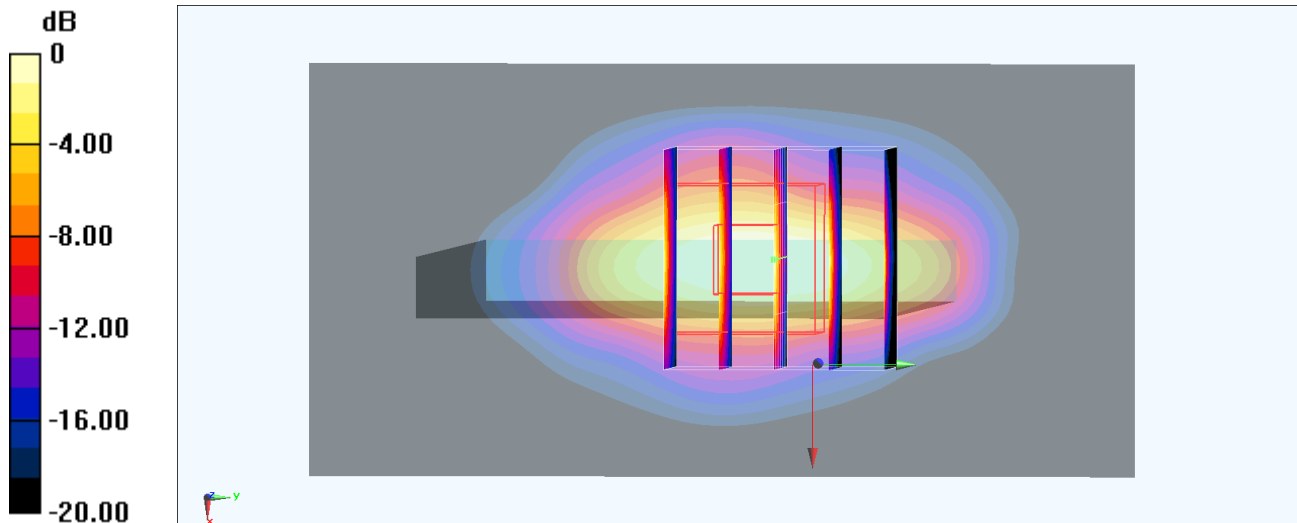
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 83.95 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 13.6 W/kg

**SAR(1 g) = 6.04 W/kg; SAR(10 g) = 2.68 W/kg**

Maximum value of SAR (measured) = 10.6 W/kg



0 dB = 10.6 W/kg = 10.25 dBW/kg

**#48\_LTE Band 66\_20M\_QPSK\_1\_99\_Bottom Side\_0mm\_Ch132072**

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

Medium: HSL\_1750\_190806 Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.316$  S/m;  $\epsilon_r = 41.32$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7515; ConvF(8.65, 8.65, 8.65) @ 1720 MHz; Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2018/12/11
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 9.97 W/kg

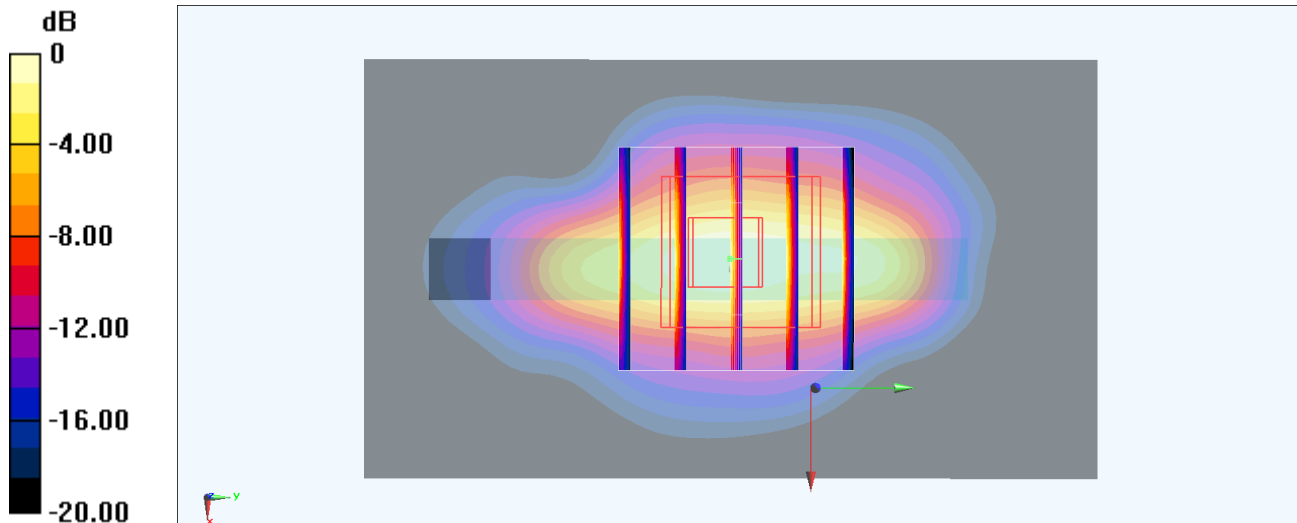
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 79.64 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 11.7 W/kg

**SAR(1 g) = 5.56 W/kg; SAR(10 g) = 2.55 W/kg**

Maximum value of SAR (measured) = 9.62 W/kg



## #49\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_0mm\_Ch58;Chain 0

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.035

Medium: HSL\_5G\_190627 Medium parameters used :  $f = 5290$  MHz;  $\sigma = 4.738$  S/m;  $\epsilon_r = 36.118$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(5.38, 5.38, 5.38) @ 5290 MHz; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 4.68 W/kg

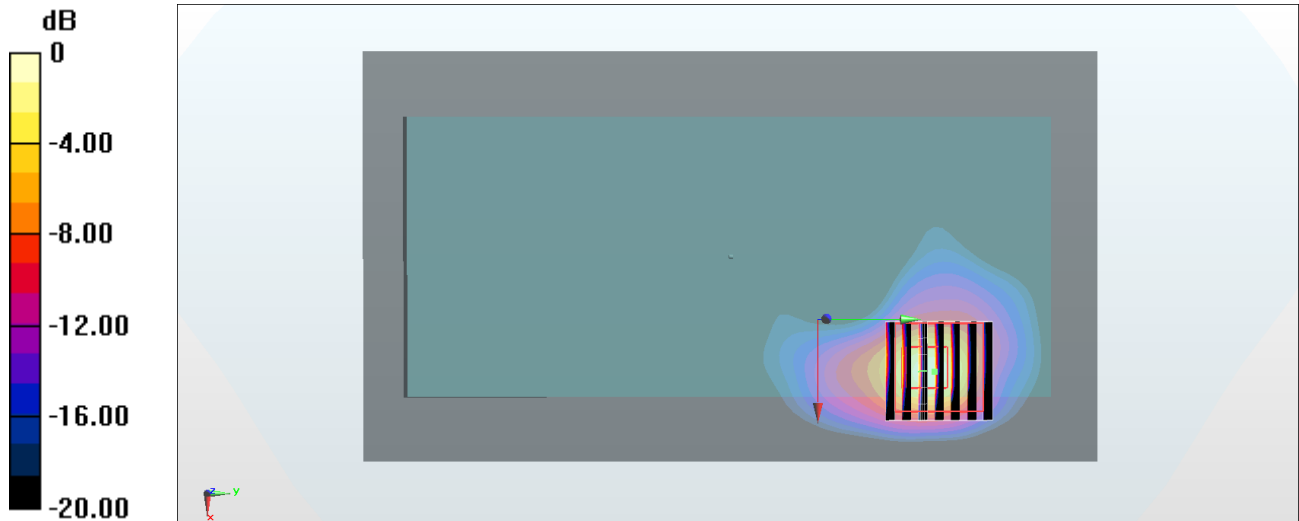
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 30.06 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 9.57 W/kg

**SAR(1 g) = 1.7 W/kg; SAR(10 g) = 0.403 W/kg**

Maximum value of SAR (measured) = 4.73 W/kg



0 dB = 4.73 W/kg = 6.75 dBW/kg

## #50\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_0mm\_Ch122;Chain 0

Communication System: 802.11ac; Frequency: 5610 MHz; Duty Cycle: 1:1.035

Medium: HSL\_5G\_190627 Medium parameters used :  $f = 5610$  MHz;  $\sigma = 5.07$  S/m;  $\epsilon_r = 35.674$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(4.71, 4.71, 4.71) @ 5610 MHz; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.51 W/kg

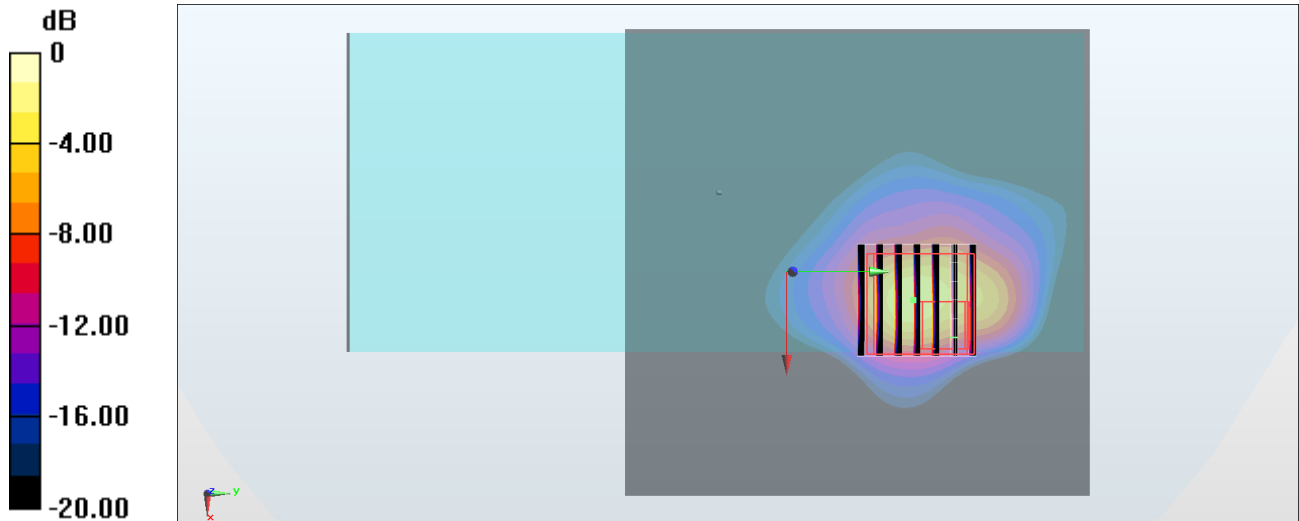
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.82 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 9.44 W/kg

**SAR(1 g) = 1.47 W/kg; SAR(10 g) = 0.394 W/kg**

Maximum value of SAR (measured) = 4.62 W/kg



0 dB = 4.62 W/kg = 6.65 dBW/kg

**#51\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_0mm\_Ch155;Chain 0**

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.035

Medium: HSL\_5G\_190628 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.25$  S/m;  $\epsilon_r = 35.458$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7306; ConvF(5, 5, 5) @ 5775 MHz; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

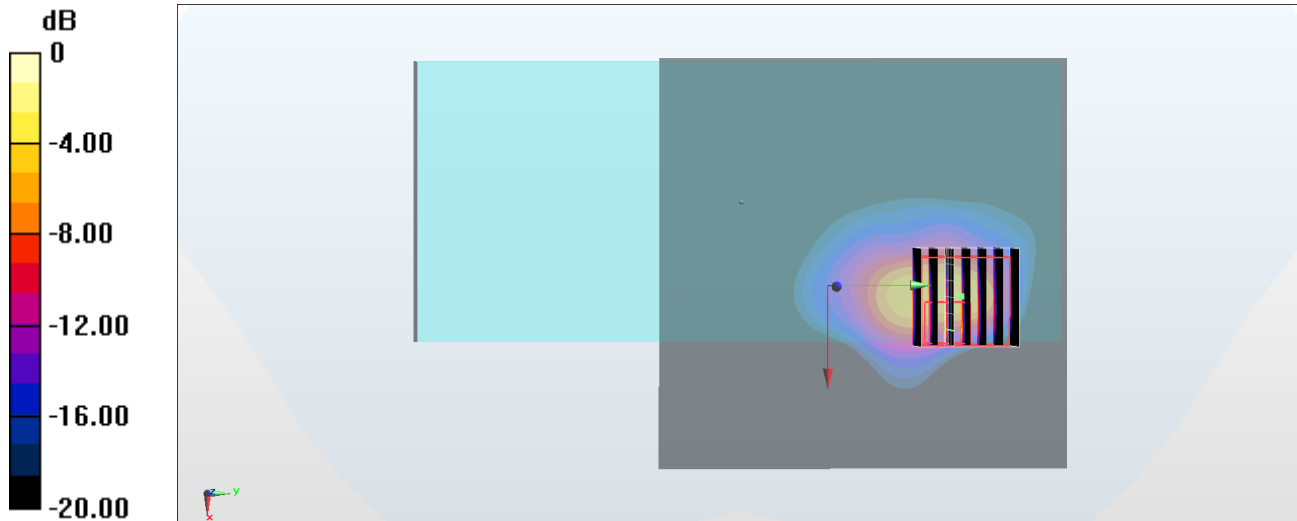
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.059 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 11.5 W/kg

**SAR(1 g) = 1.43 W/kg; SAR(10 g) = 0.328 W/kg**

Maximum value of SAR (measured) = 5.50 W/kg



0 dB = 5.50 W/kg = 7.40 dBW/kg