

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

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.08

Medium: HSL\_850\_181005 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.908$  S/m;  $\epsilon_r = 41.805$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.39, 6.39, 6.39) ; Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 0.508 W/kg

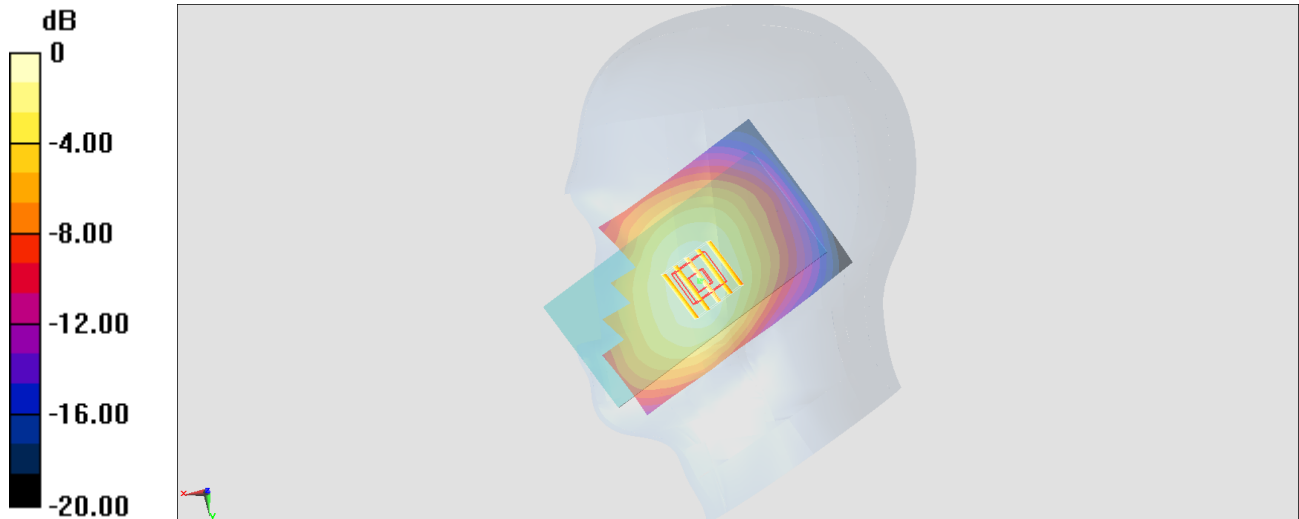
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.69 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.589 W/kg

**SAR(1 g) = 0.472 W/kg; SAR(10 g) = 0.365 W/kg**

Maximum value of SAR (measured) = 0.521 W/kg



0 dB = 0.521 W/kg = -2.83 dBW/kg

**#02\_GSM1900\_GPRS (4 Tx slots)\_Left Cheek\_Ch810**

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

Medium: HSL\_1900\_181029 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.449$  S/m;  $\epsilon_r = 40.08$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.17, 5.17, 5.17) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 0.406 W/kg

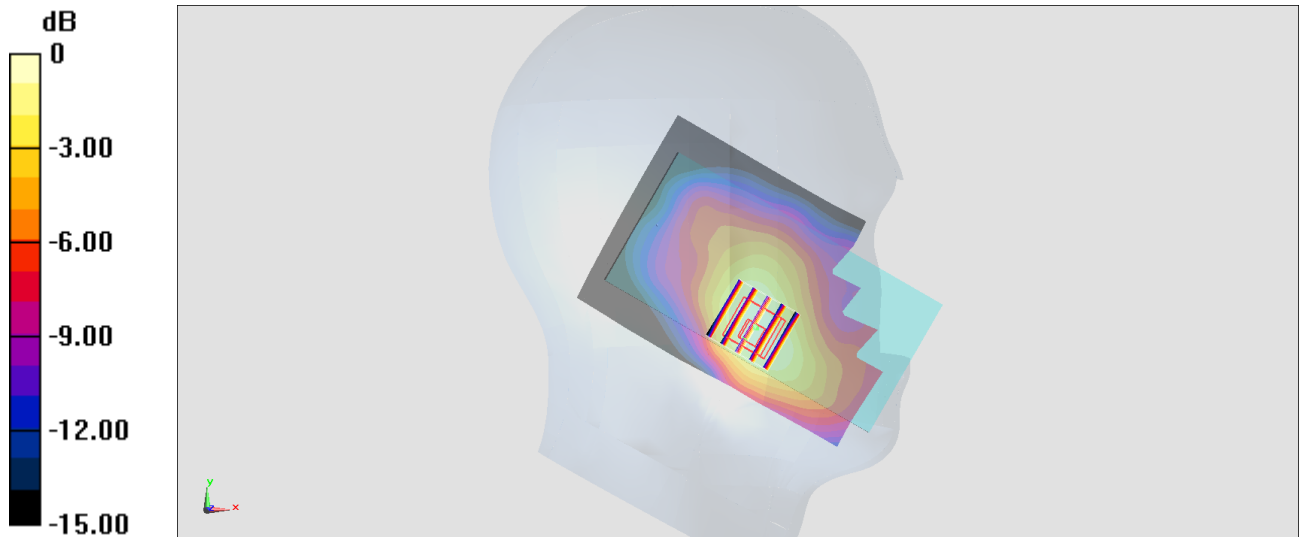
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.85 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.563 W/kg

**SAR(1 g) = 0.360 W/kg; SAR(10 g) = 0.223 W/kg**

Maximum value of SAR (measured) = 0.418 W/kg



0 dB = 0.418 W/kg = -3.79 dBW/kg

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

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

Medium: HSL\_1900\_181029 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.435$  S/m;  $\epsilon_r = 40.158$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.17, 5.17, 5.17) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

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

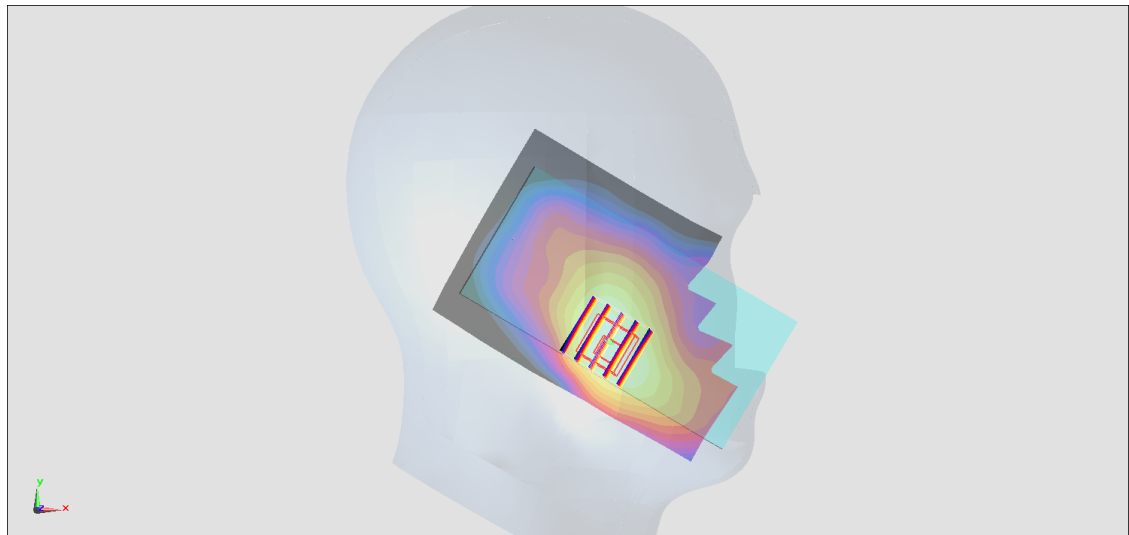
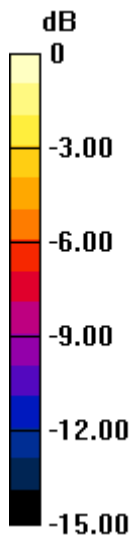
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.90 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.32 W/kg

**SAR(1 g) = 0.868 W/kg; SAR(10 g) = 0.544 W/kg**

Maximum value of SAR (measured) = 1.00 W/kg



0 dB = 1.00 W/kg = 0.00 dBW/kg

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

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

Medium: HSL\_850\_181005 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.906$  mho/m;  $\epsilon_r = 41.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.39, 6.39, 6.39); Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.802 mW/g

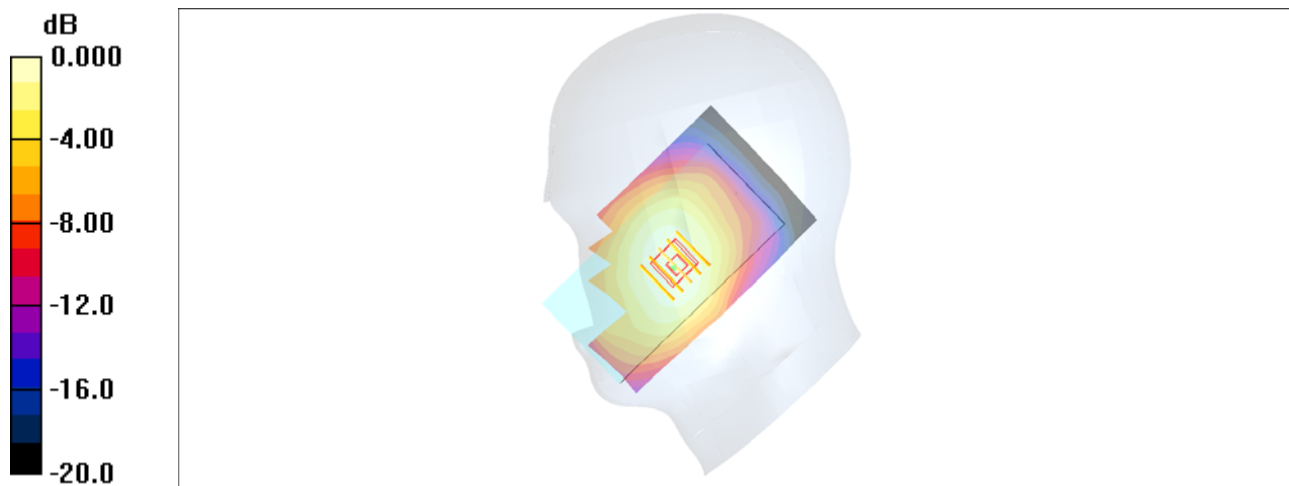
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.0 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.906 W/kg

**SAR(1 g) = 0.730 mW/g; SAR(10 g) = 0.563 mW/g**

Maximum value of SAR (measured) = 0.792 mW/g



0 dB = 0.792mW/g

**#05\_CDMA BC0\_1xRTT RC3 SO55\_Left Cheek\_Ch384**

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium: HSL\_850\_181005 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.896$  S/m;  $\epsilon_r = 41.959$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.39, 6.39, 6.39) ; Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 0.596 W/kg

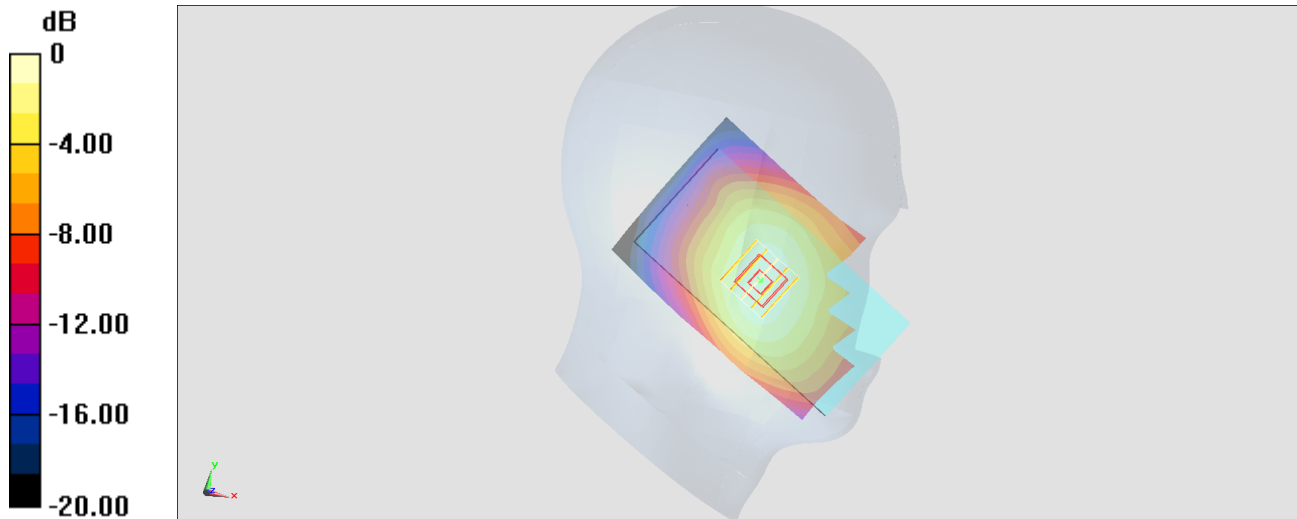
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.98 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.682 W/kg

**SAR(1 g) = 0.561 W/kg; SAR(10 g) = 0.432 W/kg**

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



0 dB = 0.614 W/kg = -2.12 dBW/kg

**#06\_CDMA BC1\_1xRTT RC3 SO55\_Left Cheek\_Ch1175**

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

Medium: HSL\_1900\_181029 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.459$  S/m;  $\epsilon_r = 40.044$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: ES3DV3 - SN3270;ConvF(5.17, 5.17, 5.17) ;Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 1.27 W/kg

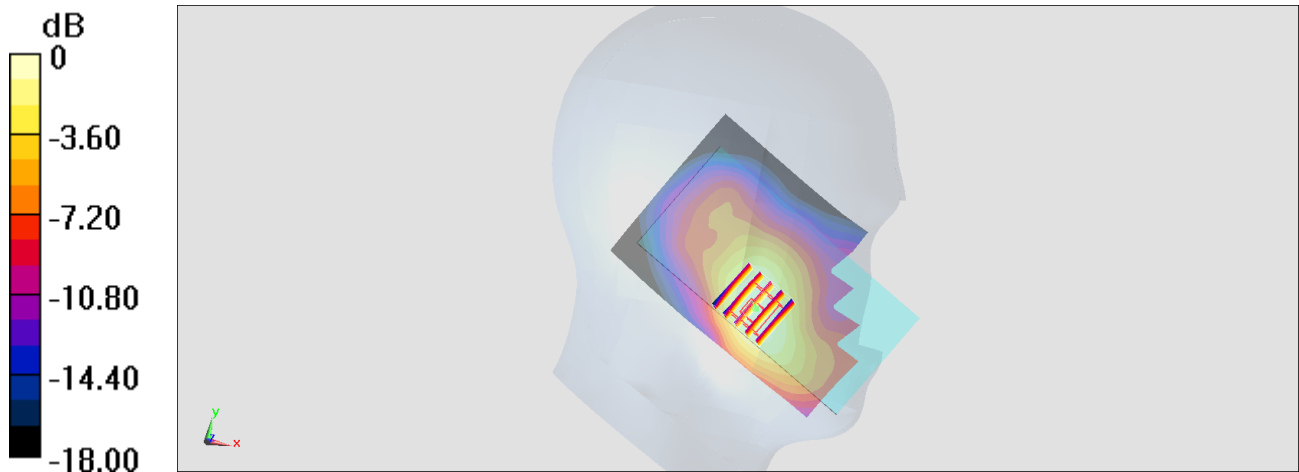
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.03 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.63 W/kg

**SAR(1 g) = 0.82 W/kg; SAR(10 g) = 0.567 W/kg**

Maximum value of SAR (measured) = 1.23 W/kg



0 dB = 1.23 W/kg = 0.90 dBW/kg

**#07\_CDMA BC10\_1xRTT RC3 SO55\_Left Cheek\_Ch580**

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

Medium: HSL\_850\_181005 Medium parameters used :  $f = 820.5$  MHz;  $\sigma = 0.88$  S/m;  $\epsilon_r = 42.157$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.39, 6.39, 6.39) ; Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 0.687 W/kg

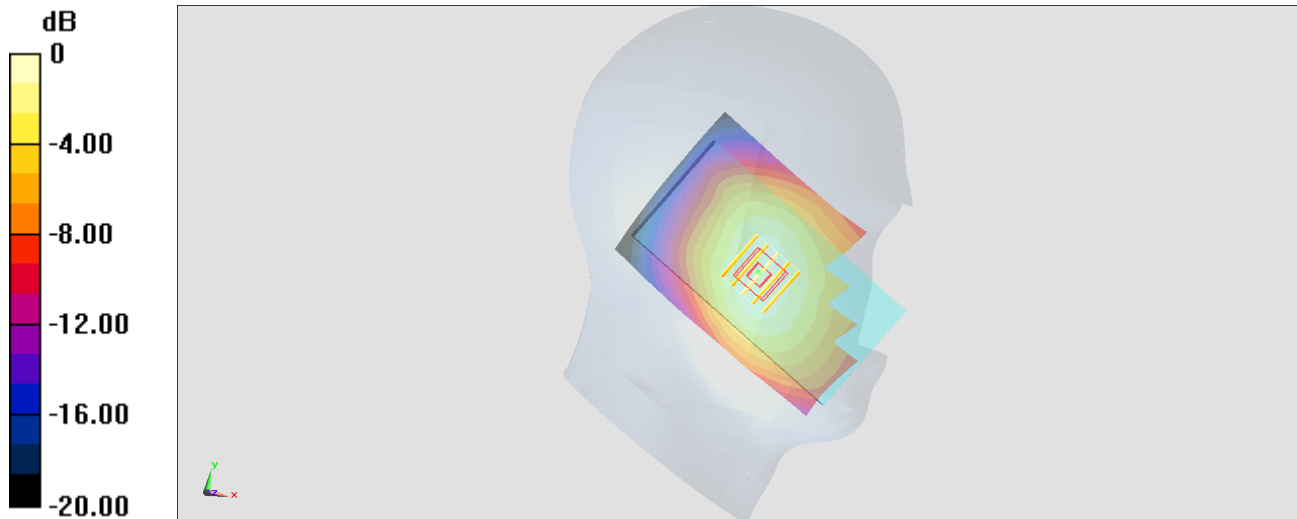
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.85 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.783 W/kg

**SAR(1 g) = 0.648 W/kg; SAR(10 g) = 0.503 W/kg**

Maximum value of SAR (measured) = 0.707 W/kg



0 dB = 0.707 W/kg = -1.51 dBW/kg

**#08\_LTE Band 2\_20M\_QPSK\_1\_49\_Left Cheek\_Ch18700**

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

Medium: HSL\_1900\_181029 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.419$  S/m;  $\epsilon_r = 40.215$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.17, 5.17, 5.17) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 1.19 W/kg

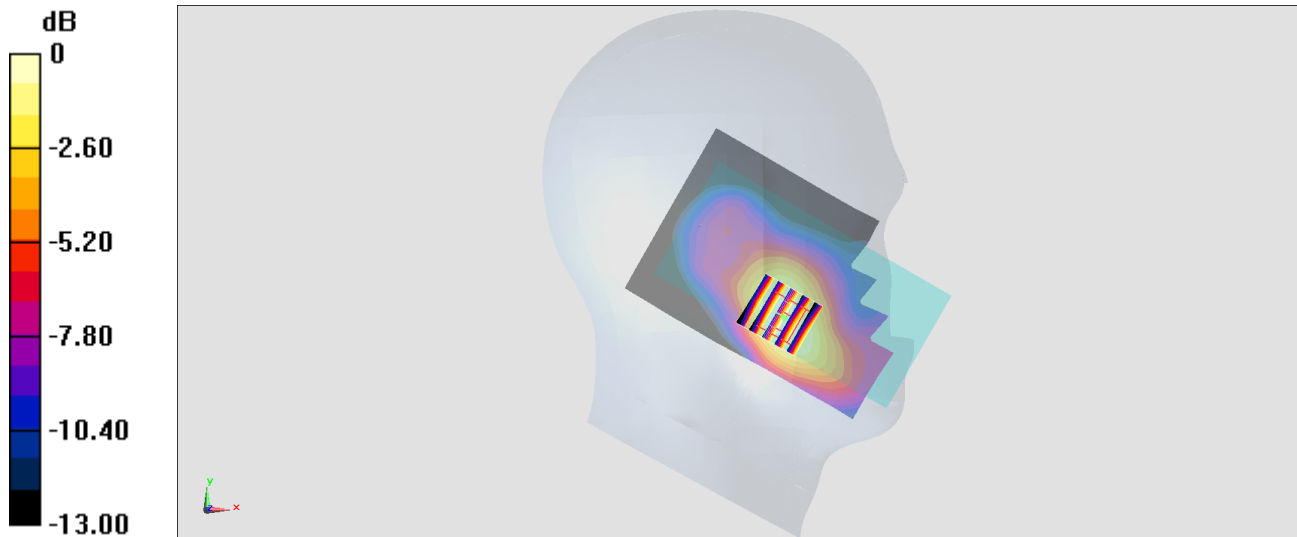
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.80 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.56 W/kg

**SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.638 W/kg**

Maximum value of SAR (measured) = 1.17 W/kg



0 dB = 1.17 W/kg = 0.68 dBW/kg



**#09\_LTE Band 4\_20M\_QPSK\_1\_0\_Left Cheek\_Ch20175**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_181029 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.358$  S/m;  $\epsilon_r = 41.558$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.42, 5.42, 5.42) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 0.893 W/kg

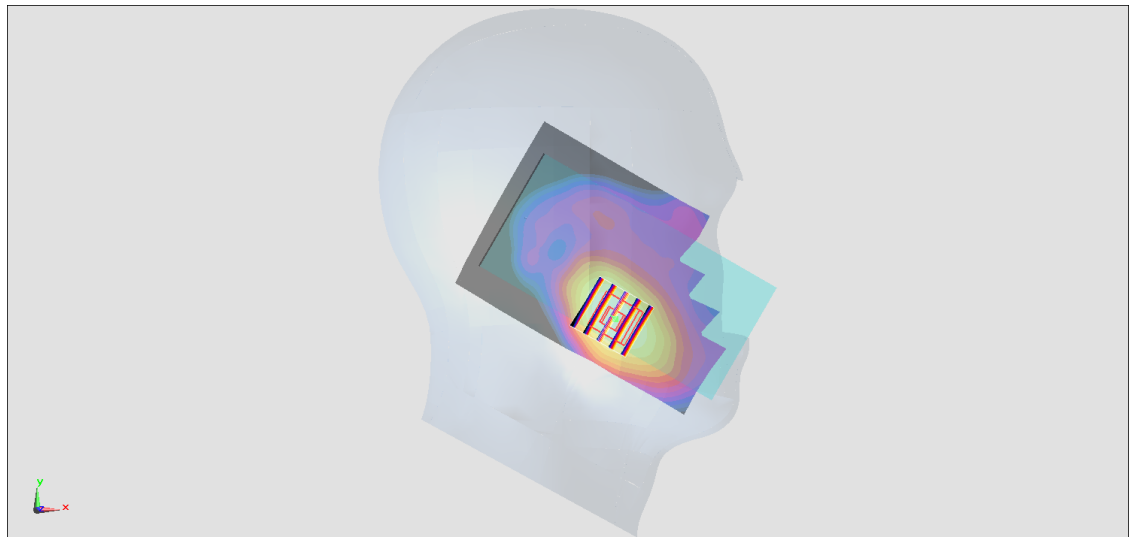
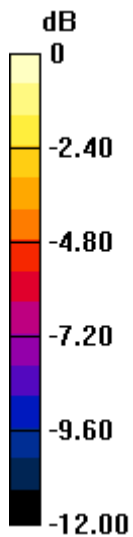
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.87 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.09 W/kg

**SAR(1 g) = 0.767 W/kg; SAR(10 g) = 0.496 W/kg**

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



0 dB = 0.875 W/kg = -0.58 dBW/kg

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

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

Medium: HSL\_850\_181005 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.895$  S/m;  $\epsilon_r = 41.966$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.39, 6.39, 6.39) ; Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

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

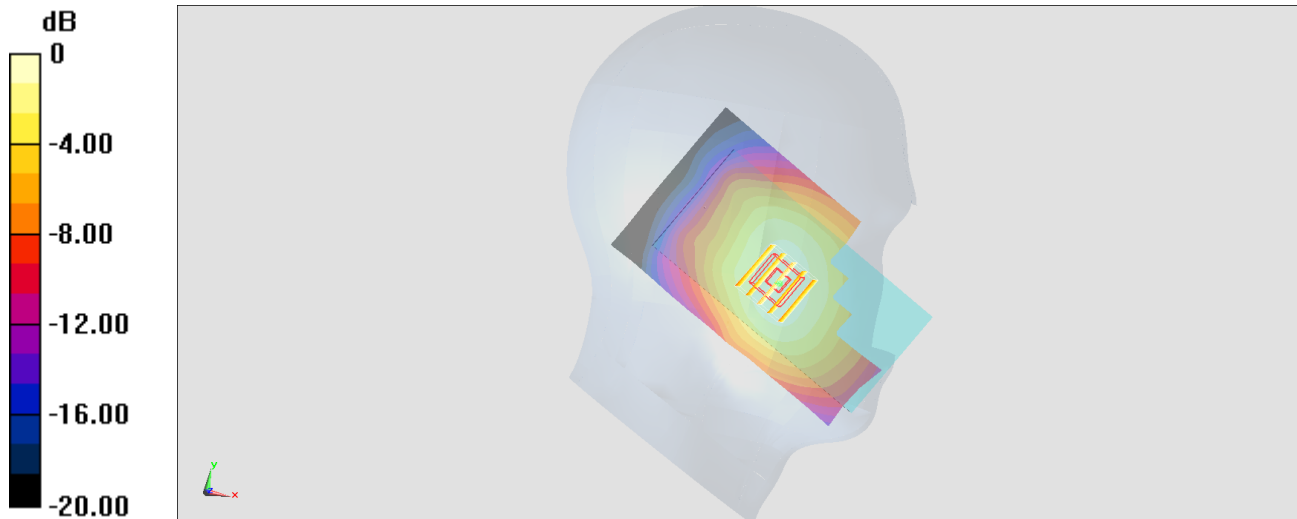
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.78 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.719 W/kg

**SAR(1 g) = 0.602 W/kg; SAR(10 g) = 0.468 W/kg**

Maximum value of SAR (measured) = 0.653 W/kg



0 dB = 0.653 W/kg = -1.85 dBW/kg

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

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

Medium: HSL\_750\_181005 Medium parameters used:  $f = 782$  MHz;  $\sigma = 0.93$  S/m;  $\epsilon_r = 42.736$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.56, 6.56, 6.56) ; Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 0.647 W/kg

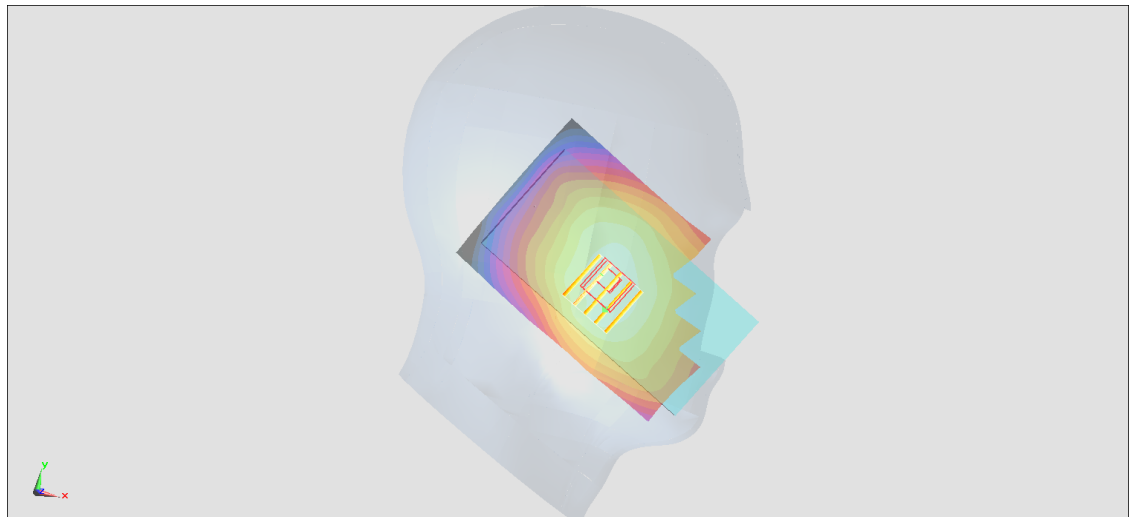
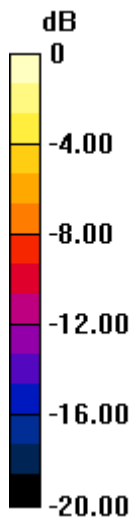
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.50 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.741 W/kg

**SAR(1 g) = 0.610 W/kg; SAR(10 g) = 0.480 W/kg**

Maximum value of SAR (measured) = 0.655 W/kg



0 dB = 0.655 W/kg = -1.84 dBW/kg

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

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.024

Medium: HSL\_2450\_181116 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.795$  S/m;  $\epsilon_r = 39.363$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN7515; ConvF(7.42, 7.42, 7.42) ; Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

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

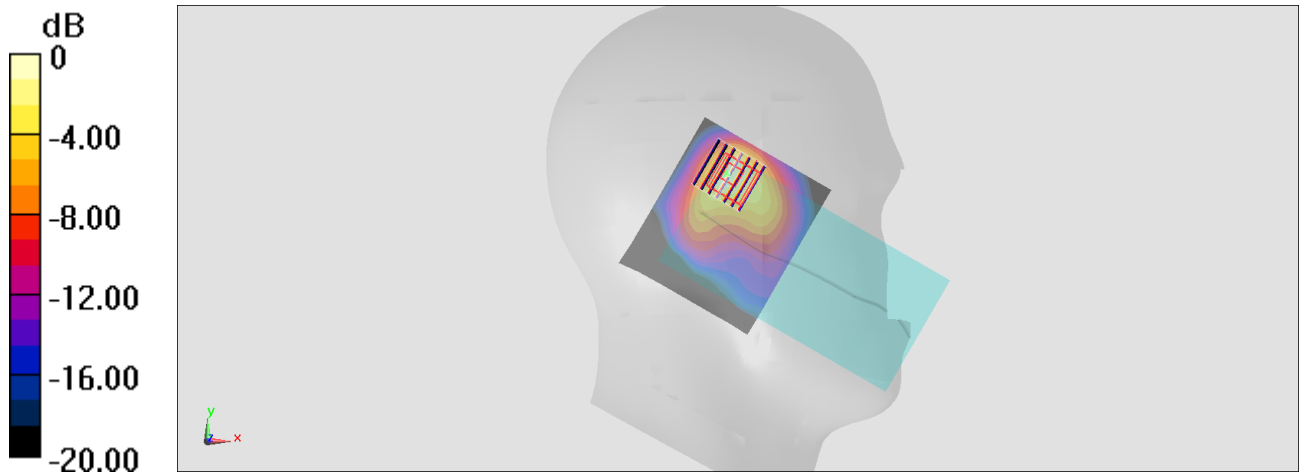
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.49 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.19 W/kg

**SAR(1 g) = 0.995 W/kg; SAR(10 g) = 0.458 W/kg**

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



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

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

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.142

Medium: HSL\_5G\_181116 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.688$  S/m;  $\epsilon_r = 35.801$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7375; ConvF(5.15, 5.15, 5.15); Calibrated: 2017/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

**Area Scan (91x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.68 W/kg

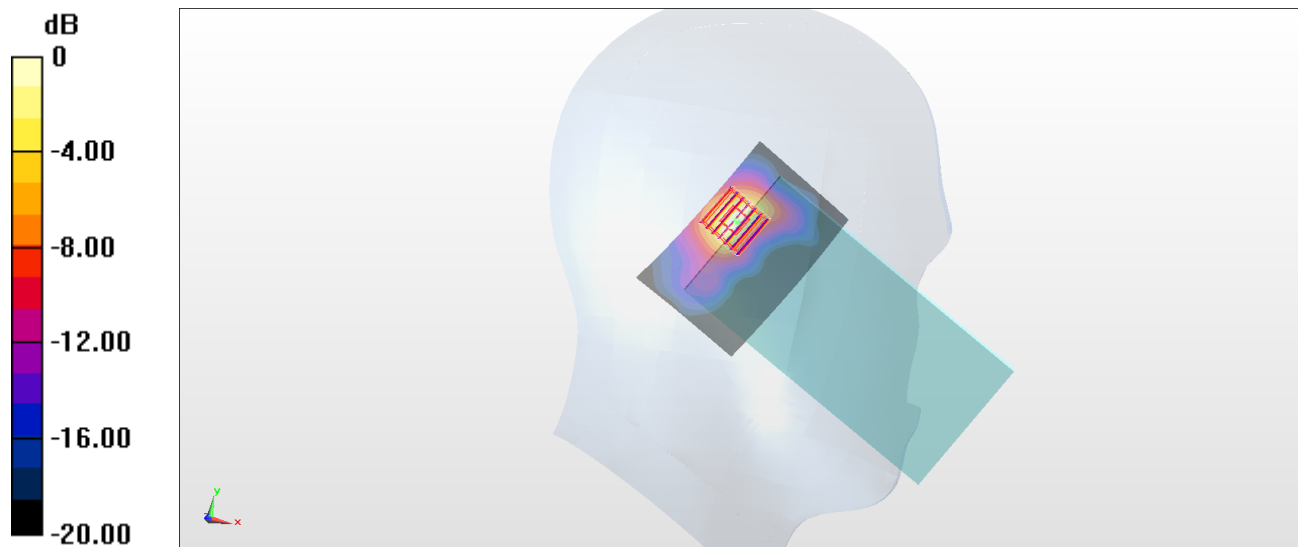
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.915 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.86 W/kg

**SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.222 W/kg**

Maximum value of SAR (measured) = 1.77 W/kg



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

**#14\_WLAN5GHz\_802.11a 6Mbps\_Left Tilted\_Ch144**

Communication System: 802.11a; Frequency: 5720 MHz; Duty Cycle: 1:1.142

Medium: HSL\_5G\_181116 Medium parameters used:  $f = 5720$  MHz;  $\sigma = 5.109$  S/m;  $\epsilon_r = 35.215$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(4.89, 4.89, 4.89); Calibrated: 2018/5/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2018/5/25
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

**Area Scan (91x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.942 W/kg

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

Reference Value = 8.160 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.41 W/kg

**SAR(1 g) = 0.742 W/kg; SAR(10 g) = 0.215 W/kg**

Maximum value of SAR (measured) = 1.965 W/kg



0 dB = 1.942 W/kg = 2.88 dBW/kg

**#15\_WLAN5GHz\_802.11a 6Mbps\_Left Tilted\_Ch165**

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1.142

Medium: HSL\_5G\_181116 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.219$  S/m;  $\epsilon_r = 35.075$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(4.89, 4.89, 4.89); Calibrated: 2018/5/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2018/5/25
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

**Area Scan (91x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.935 W/kg

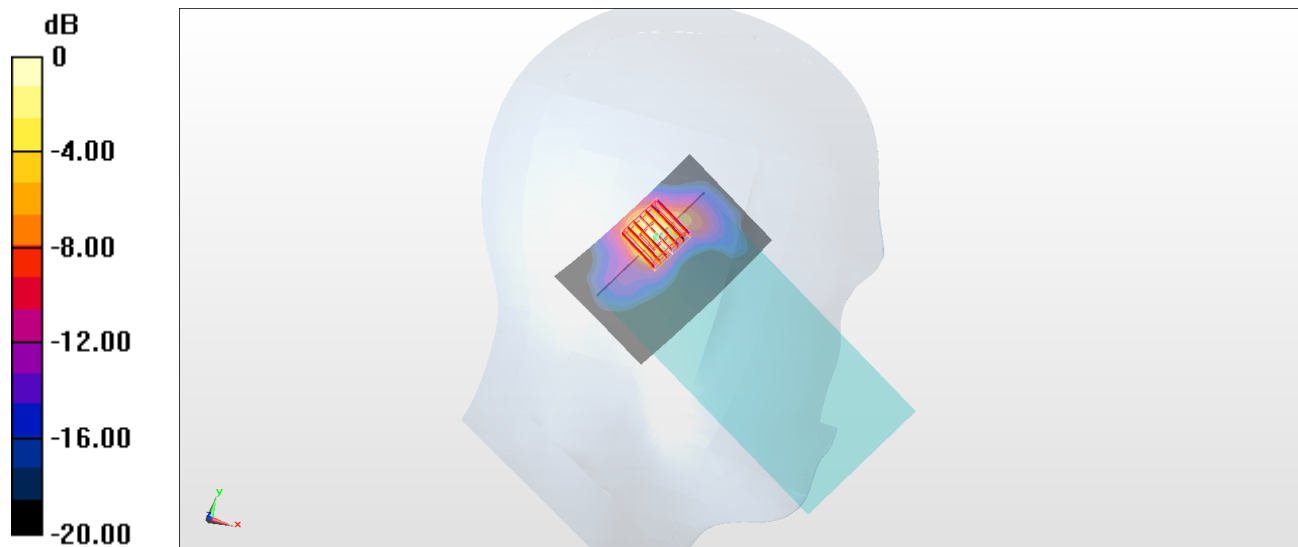
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.110 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 3.357 W/kg

**SAR(1 g) = 0.719 W/kg; SAR(10 g) = 0.2 W/kg**

Maximum value of SAR (measured) = 1.917 W/kg



0 dB = 1.935 W/kg = 2.87 dBW/kg

## #16\_Bluetooth\_1Mbps\_Left Cheek\_Ch00

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

Medium: HSL\_2450\_181116 Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.721$  S/m;  $\epsilon_r = 39.545$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN7515; ConvF(7.42, 7.42, 7.42) ; Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 0.234 W/kg

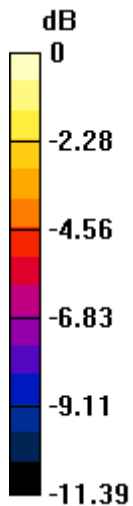
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.003 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.300 W/kg

**SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.070 W/kg**

Maximum value of SAR (measured) = 0.229 W/kg



0 dB = 0.229 W/kg = -6.40 dBW/kg



**#17\_GSM850\_GPRS (4 Tx slots)\_Right Side\_5mm\_Ch251**

Communication System: GSM850 ; Frequency: 848.8 MHz; Duty Cycle: 1:2.08

Medium: MSL\_850\_181030 Medium parameters used:  $f = 849$  MHz;  $\sigma = 1.005$  S/m;  $\epsilon_r = 56.764$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(9.82, 9.82, 9.82) ; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Area Scan (41x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

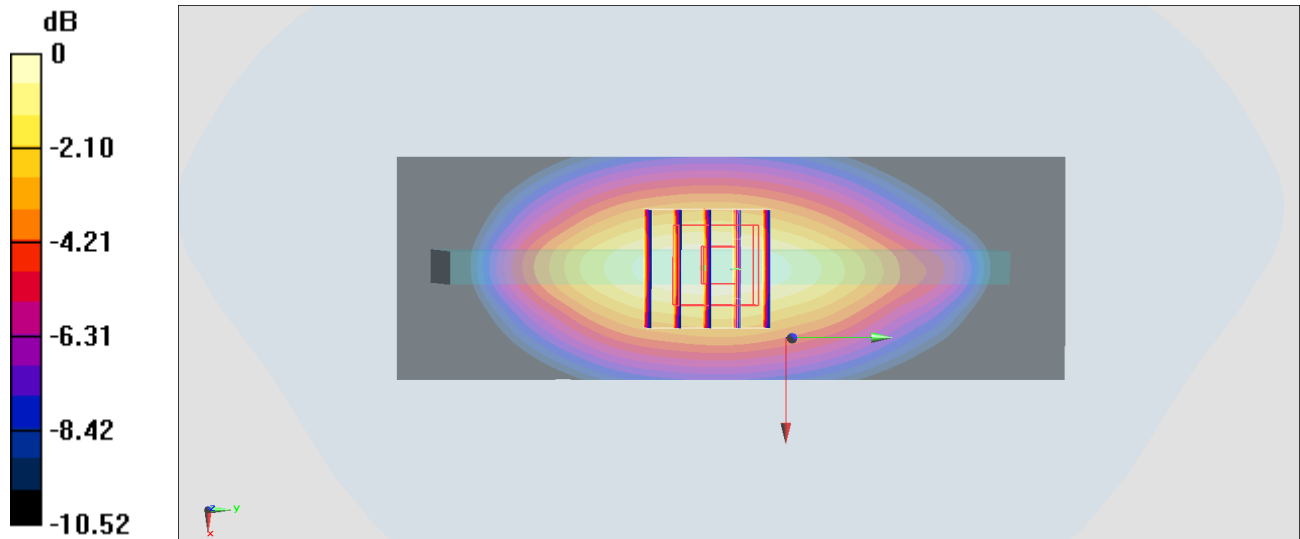
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 40.42 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.70 W/kg

**SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.735 W/kg**

Maximum value of SAR (measured) = 1.48 W/kg



0 dB = 1.48 W/kg = 1.70 dBW/kg

**#18\_GSM1900\_GPRS (4 Tx slots)\_Back\_5mm\_Ch661**

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

Medium: MSL\_1900\_181114 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.539$  S/m;  $\epsilon_r = 52.513$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7515; ConvF(7.93, 7.93, 7.93) ; Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

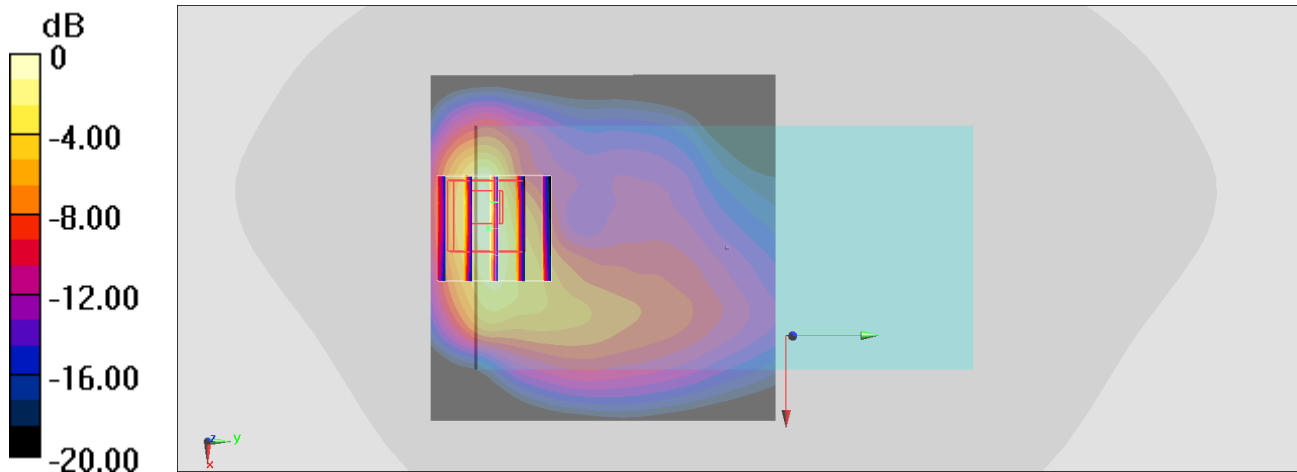
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.10 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.93 W/kg

**SAR(1 g) = 0.935 W/kg; SAR(10 g) = 0.433 W/kg**

Maximum value of SAR (measured) = 1.55 W/kg



0 dB = 1.55 W/kg = 1.90 dBW/kg

**#19\_WCDMA II\_RMC 12.2Kbps\_Back\_5mm\_Ch9262**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_181113 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.522$  S/m;  $\epsilon_r = 52.69$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7515; ConvF(7.93, 7.93, 7.93) ; Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

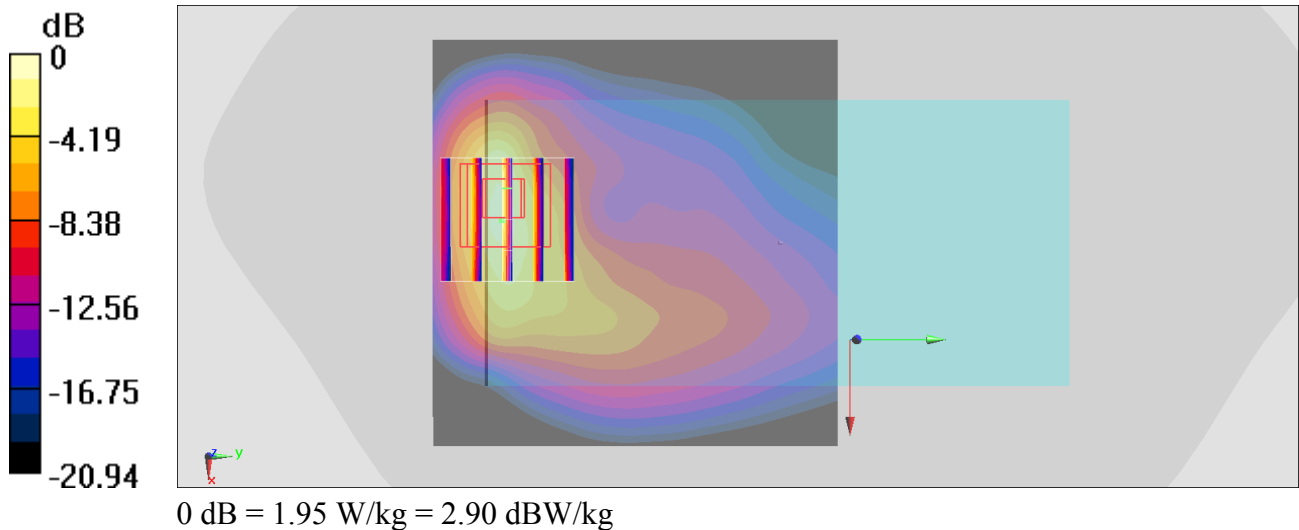
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.58 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.38 W/kg

**SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.543 W/kg**

Maximum value of SAR (measured) = 1.95 W/kg



**#20\_WCDMA V\_RMC 12.2Kbps\_Left Side\_5mm\_Ch4182**

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

Medium: MSL\_850\_181102 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.941$  S/m;  $\epsilon_r = 55.194$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7346;ConvF(9.95, 9.95, 9.95) ;Calibrated: 2018/2/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Area Scan (41x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

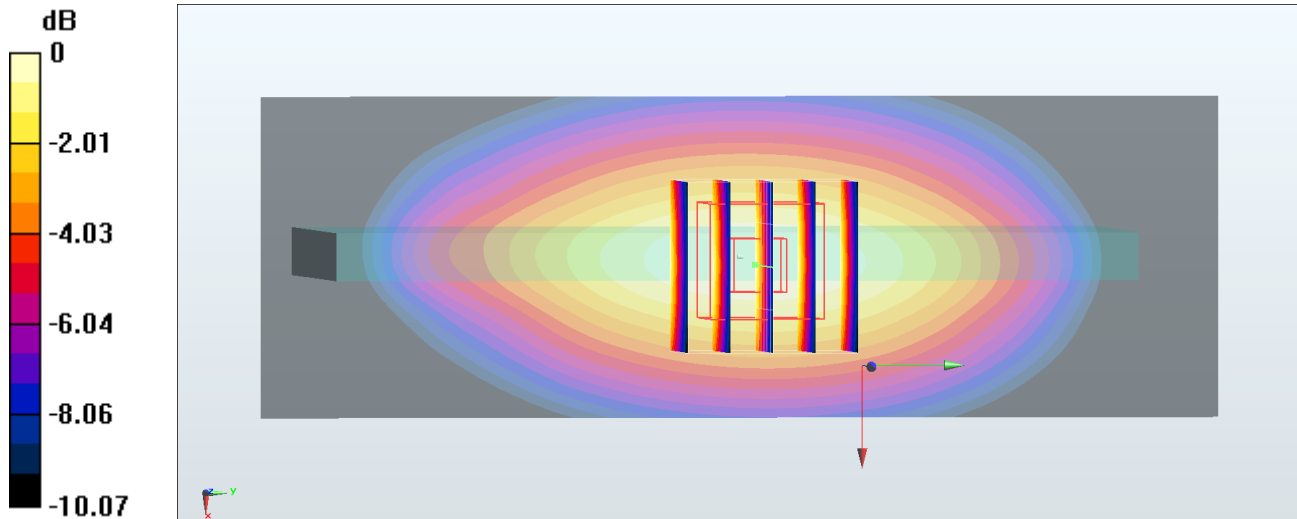
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 43.41 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.75 W/kg

**SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.799 W/kg**

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



0 dB = 1.57 W/kg = 1.96 dBW/kg

**#21\_CDMA BC0\_RTAP 153.6Kbps\_Left Side\_5mm\_Ch1013**

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

Medium: MSL\_850\_181112 Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.932$  S/m;  $\epsilon_r = 54.453$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7515;ConvF(9.99, 9.99, 9.99) ;Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (31x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.21 W/kg

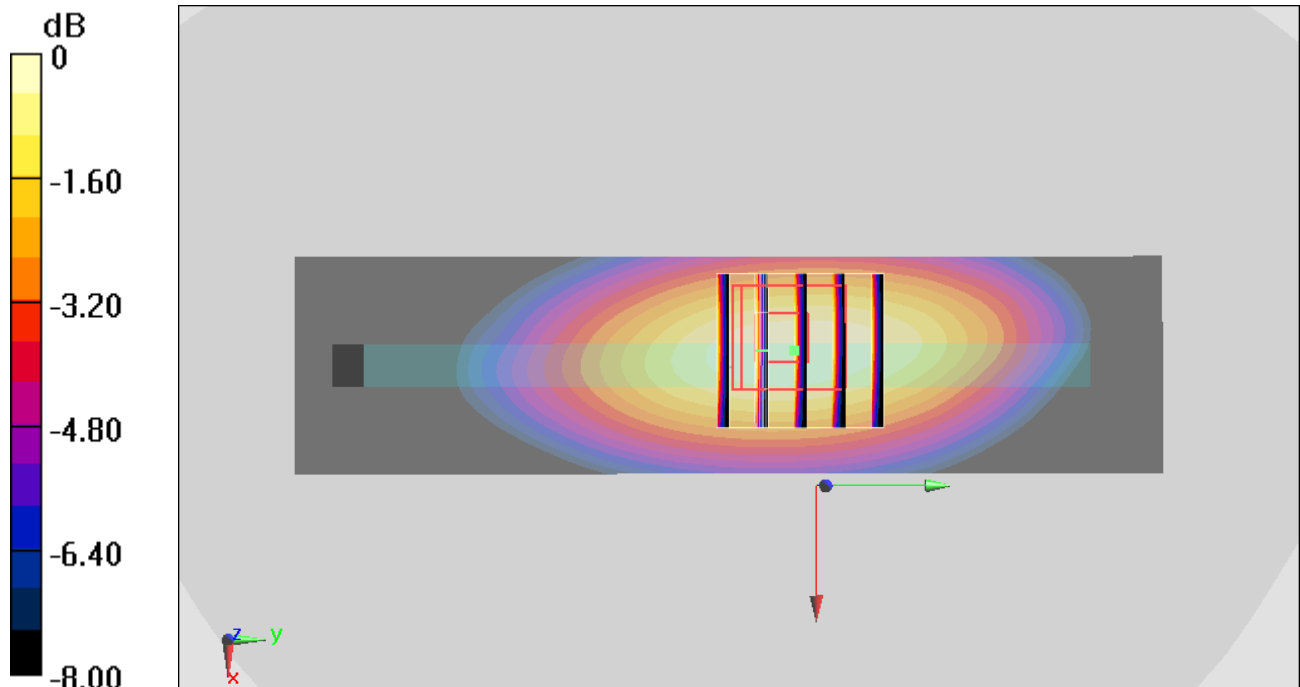
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.46 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.40 W/kg

**SAR(1 g) = 0.924 W/kg; SAR(10 g) = 0.617 W/kg**

Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg = 0.83 dBW/kg

## #22\_CDMA BC1\_RTAP 153.6Kbps\_Bottom Side\_5mm\_Ch25

Communication System: CDMA; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_181114 Medium parameters used:  $f = 1851.25$  MHz;  $\sigma = 1.51$  S/m;  $\epsilon_r = 52.621$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN7515; ConvF(7.93, 7.93, 7.93) ; Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

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

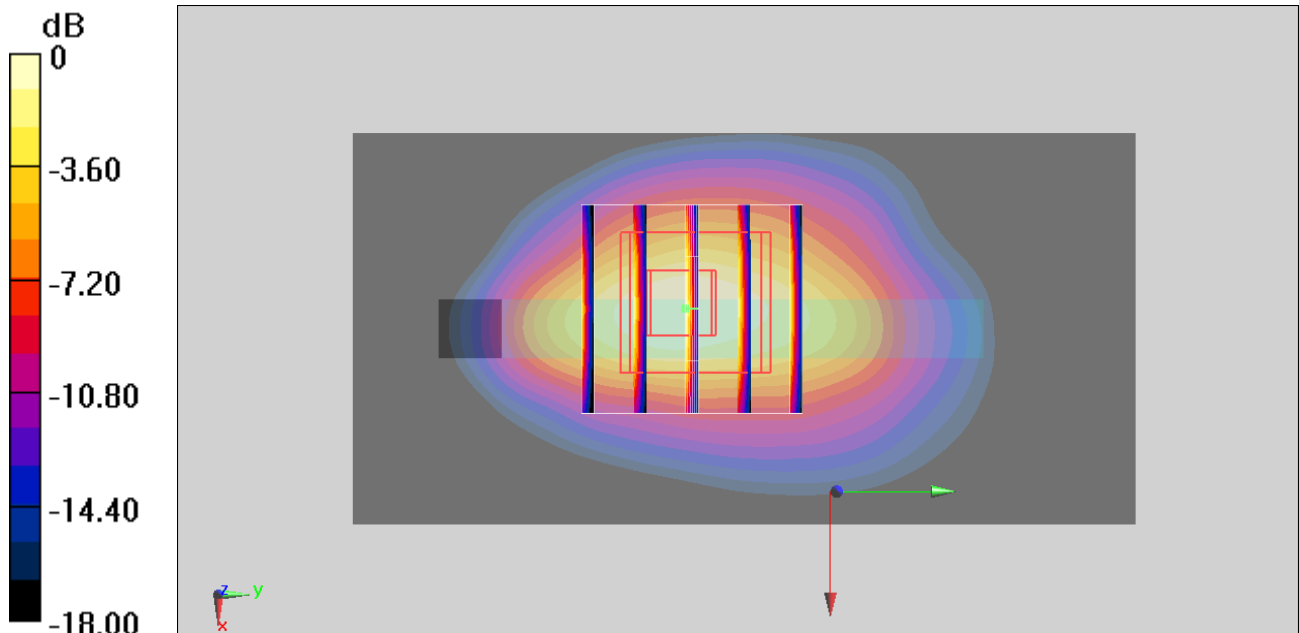
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.30 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.35 W/kg

**SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.616 W/kg**

Maximum value of SAR (measured) = 1.94 W/kg



0 dB = 1.94 W/kg = 2.88 dBW/kg

## #23\_CDMA BC10\_RTAP 153.6Kbps\_Left Side\_5mm\_Ch476

Communication System: CDMA ; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_181102 Medium parameters used:  $f = 818 \text{ MHz}$ ;  $\sigma = 0.923 \text{ S/m}$ ;  $\epsilon_r = 55.373$ ;  $\rho = 1000 \text{ kg/m}^3$

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

### DASY5 Configuration

- Probe: EX3DV4 - SN7346; ConvF(9.95, 9.95, 9.95) ; Calibrated: 2018/2/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Area Scan (41x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $1.23 \text{ W/kg}$

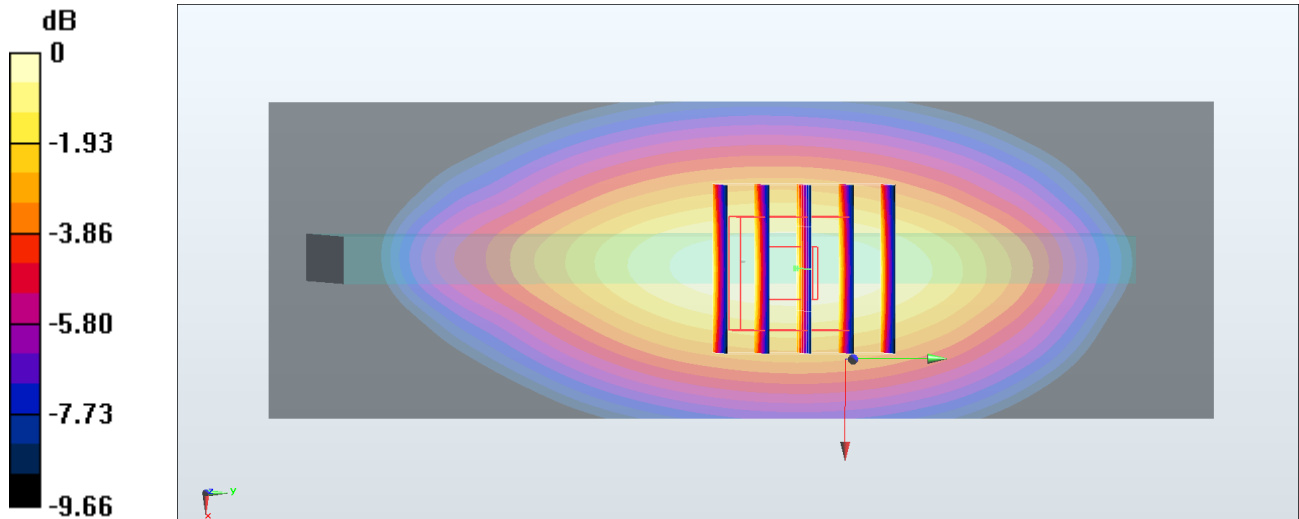
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $21.89 \text{ V/m}$ ; Power Drift =  $-0.04 \text{ dB}$

Peak SAR (extrapolated) =  $1.36 \text{ W/kg}$

**SAR(1 g) =  $0.937 \text{ W/kg}$ ; SAR(10 g) =  $0.633 \text{ W/kg}$**

Maximum value of SAR (measured) =  $1.22 \text{ W/kg}$



$0 \text{ dB} = 1.22 \text{ W/kg} = 0.86 \text{ dBW/kg}$

## #24\_LTE Band 2\_20M\_QPSK\_100\_0\_Back\_5mm\_Ch18700

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

Medium: MSL\_1900\_181113 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.53$  S/m;  $\epsilon_r = 52.668$ ;  $\rho = 1000$ kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN7515;ConvF(7.93, 7.93, 7.93) ;Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.08 W/kg

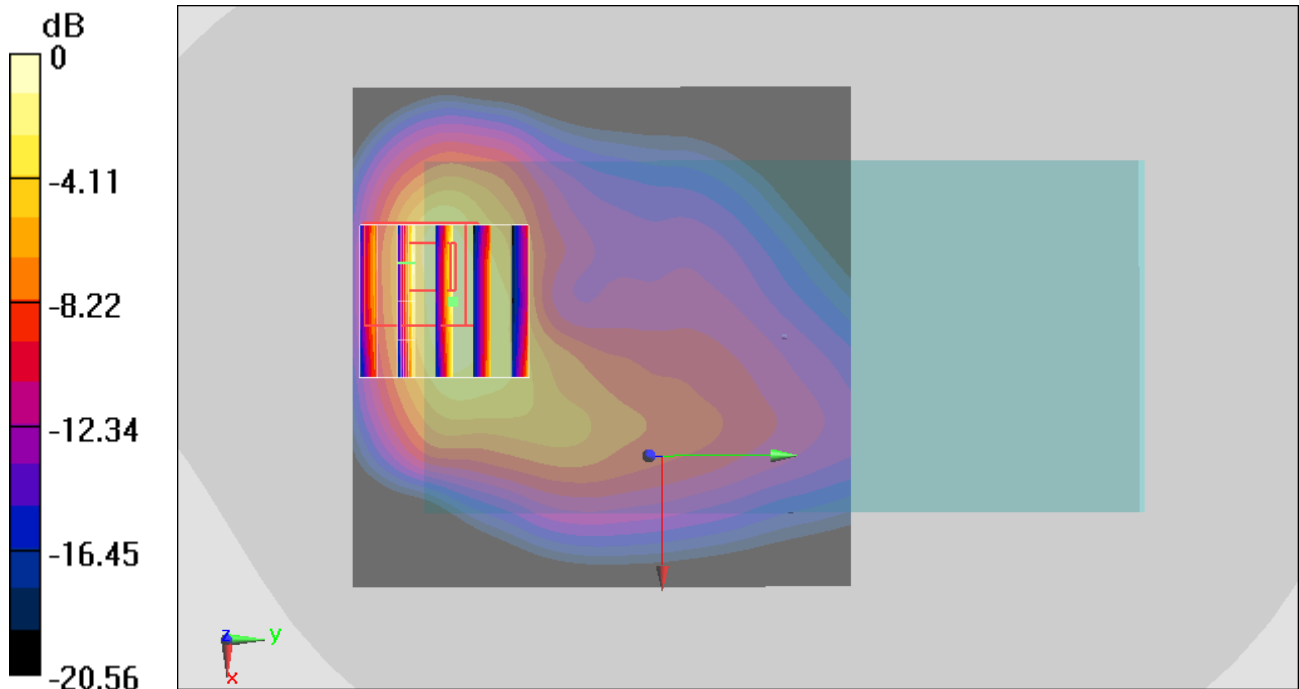
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.04 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.14 W/kg

**SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.481 W/kg**

Maximum value of SAR (measured) = 1.50 W/kg



0 dB = 1.50 W/kg = 1.76 dBW/kg



**#25\_LTE Band 4\_20M\_QPSK\_50\_0\_Back\_5mm\_Ch20175**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_181113 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.499$  S/m;  $\epsilon_r = 54.116$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7515; ConvF(8.2, 8.2, 8.2) ; Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

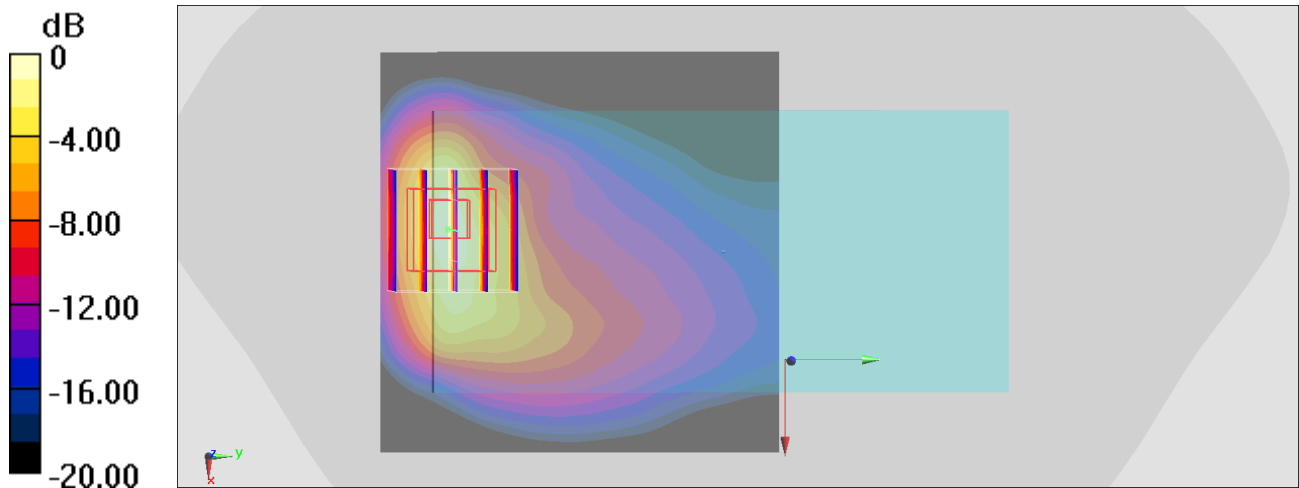
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.81 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.18 W/kg

**SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.563 W/kg**

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



0 dB = 1.78 W/kg = 2.50 dBW/kg

**#26\_LTE Band 5\_10M\_QPSK\_1\_0\_Left Side\_5mm\_Ch20525**

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

Medium: MSL\_850\_181030 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.996$  S/m;  $\epsilon_r = 56.81$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(9.82, 9.82, 9.82) ; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Area Scan (41x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.48 W/kg

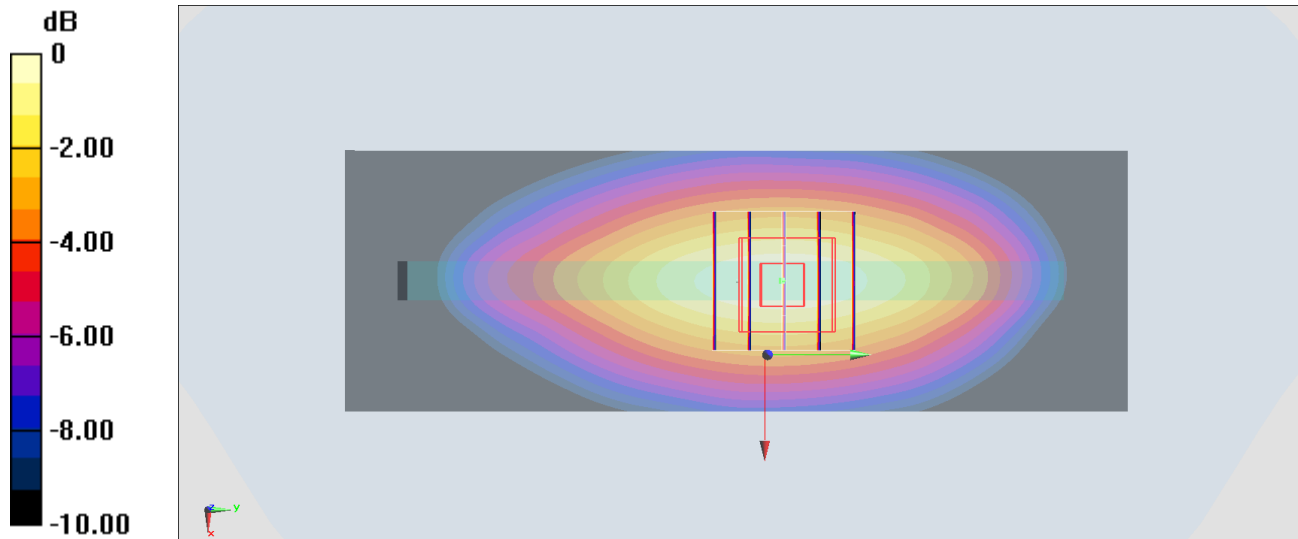
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 38.93 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.71 W/kg

**SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.739 W/kg**

Maximum value of SAR (measured) = 1.50 W/kg



**#27\_LTE Band 13\_10M\_QPSK\_1\_0\_Left Side\_5mm\_Ch23230**

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

Medium: MSL\_750\_181030 Medium parameters used:  $f = 782$  MHz;  $\sigma = 0.996$  S/m;  $\epsilon_r = 53.701$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(10.06, 10.06, 10.06) ; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Area Scan (41x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

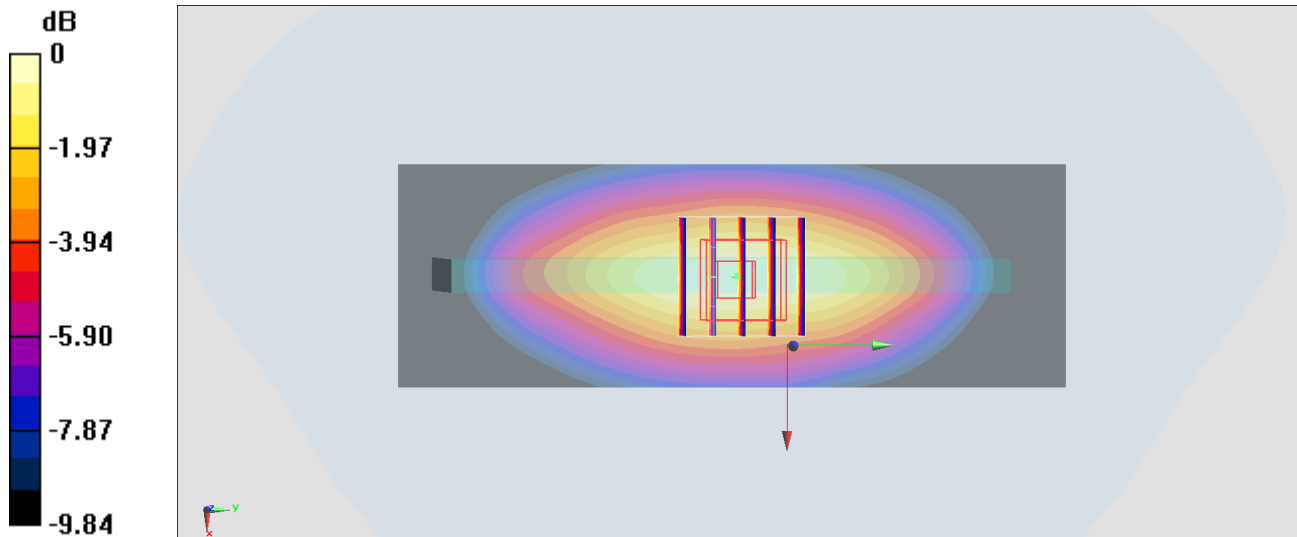
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 38.87 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.72 W/kg

**SAR(1 g) = 0.998 W/kg; SAR(10 g) = 0.748 W/kg**

Maximum value of SAR (measured) = 1.50 W/kg



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

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.024

Medium: MSL\_2450\_181116 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.979$  S/m;  $\epsilon_r = 52.565$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7515; ConvF(7.53, 7.53, 7.53); Calibrated: 2018/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.14 W/kg

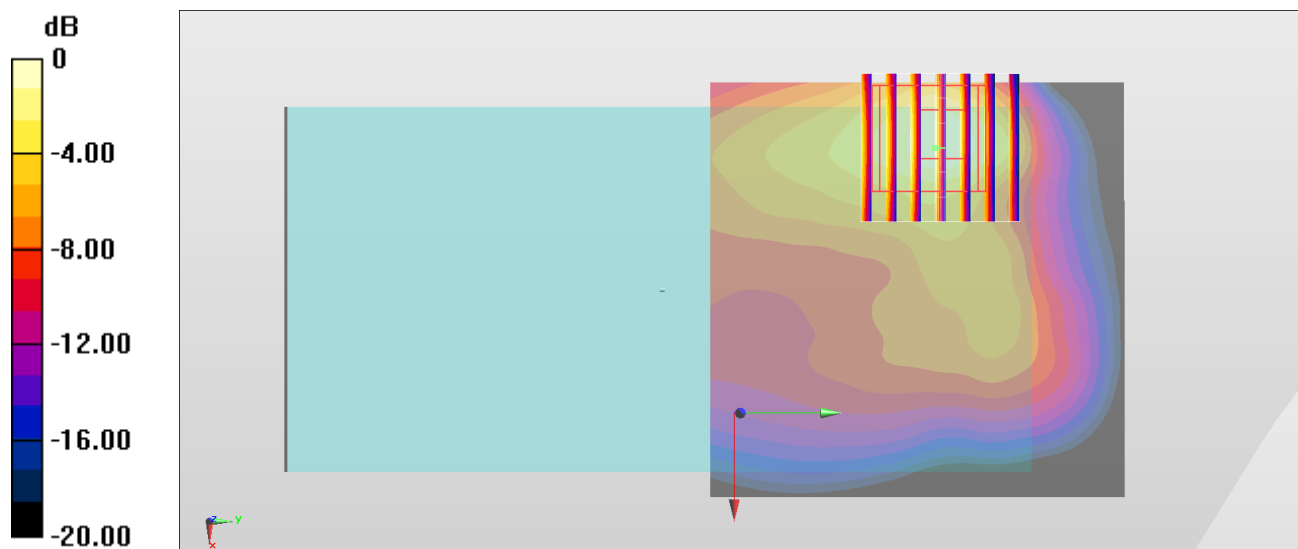
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.61 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.42 W/kg

**SAR(1 g) = 0.633 W/kg; SAR(10 g) = 0.286 W/kg**

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



0 dB = 1.14 W/kg = 0.57 dBW/kg

### #29\_WLAN5G\_802.11a 6Mbps\_Top Side\_5mm\_Ch165

Communication System: UID 0, 802.11a (0); Frequency: 5825 MHz; Duty Cycle: 1:1.142  
Medium: MSL\_5000 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 6.286$  S/m;  $\epsilon_r = 48.608$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(4.31, 4.31, 4.31); Calibrated: 2018.5.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.10.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7372)

#### Ch165/Area Scan (51x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.55 W/kg

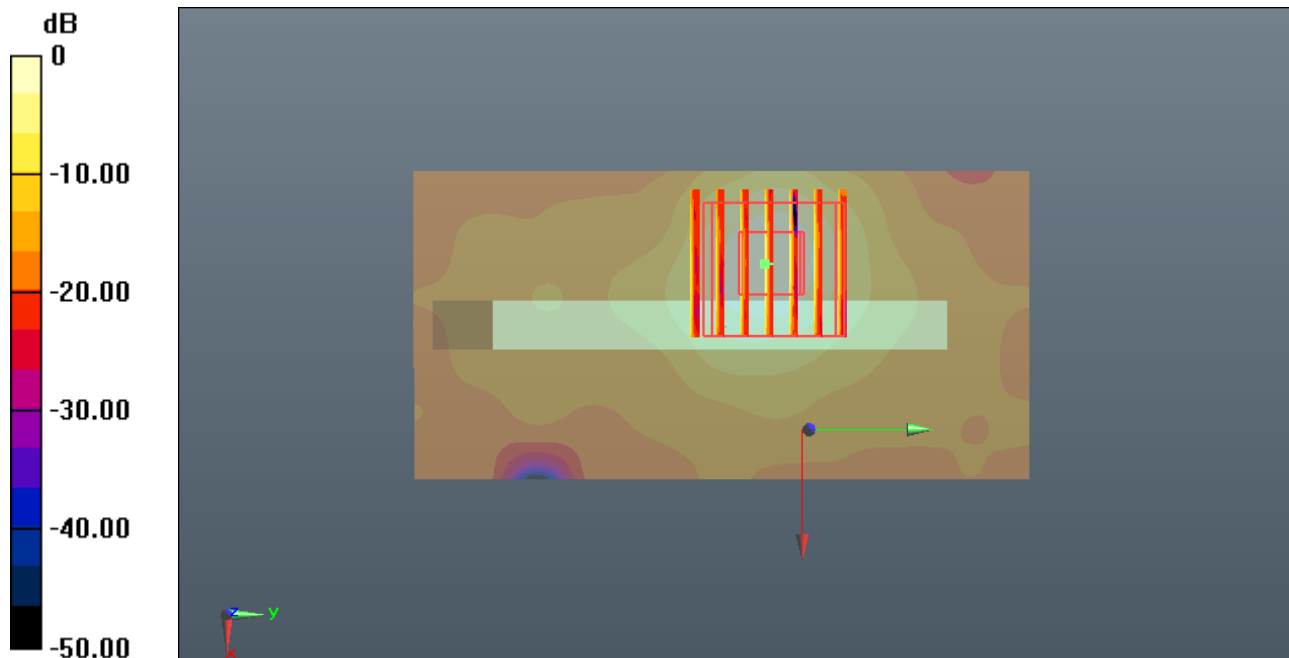
#### Ch165/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 23.85 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 5.01 W/kg

**SAR(1 g) = 0.970 W/kg; SAR(10 g) = 0.264 W/kg**

Maximum value of SAR (measured) = 2.68 W/kg



0 dB = 2.55 W/kg = 4.07 dBW/kg

## #30\_Bluetooth\_1Mbps\_Back\_5mm\_Ch00

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

Medium: MSL\_2450\_181116 Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.901$  S/m;  $\epsilon_r = 52.647$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7515; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (81x61x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

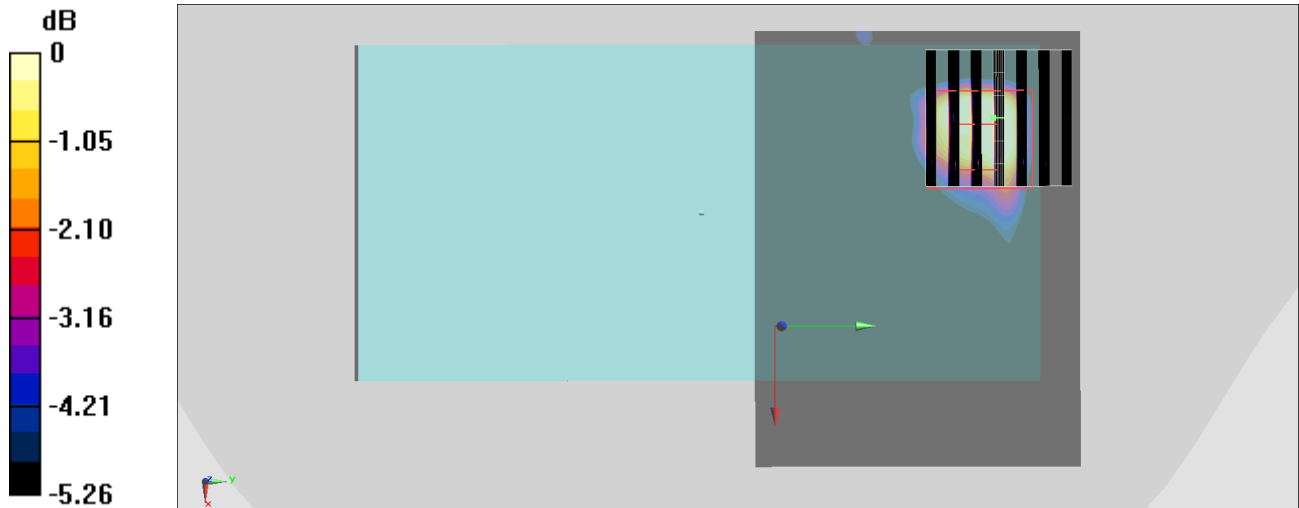
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.572 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.292 W/kg

**SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.026 W/kg**

Maximum value of SAR (measured) = 0.159 W/kg



0 dB = 0.159 W/kg = -7.99 dBW/kg

## #31\_GSM850\_GPRS (4 Tx slots)\_Back\_5mm\_Ch189

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

Medium: MSL\_850\_181030 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.996$  S/m;  $\epsilon_r = 56.801$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(9.82, 9.82, 9.82) ; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 0.920 W/kg

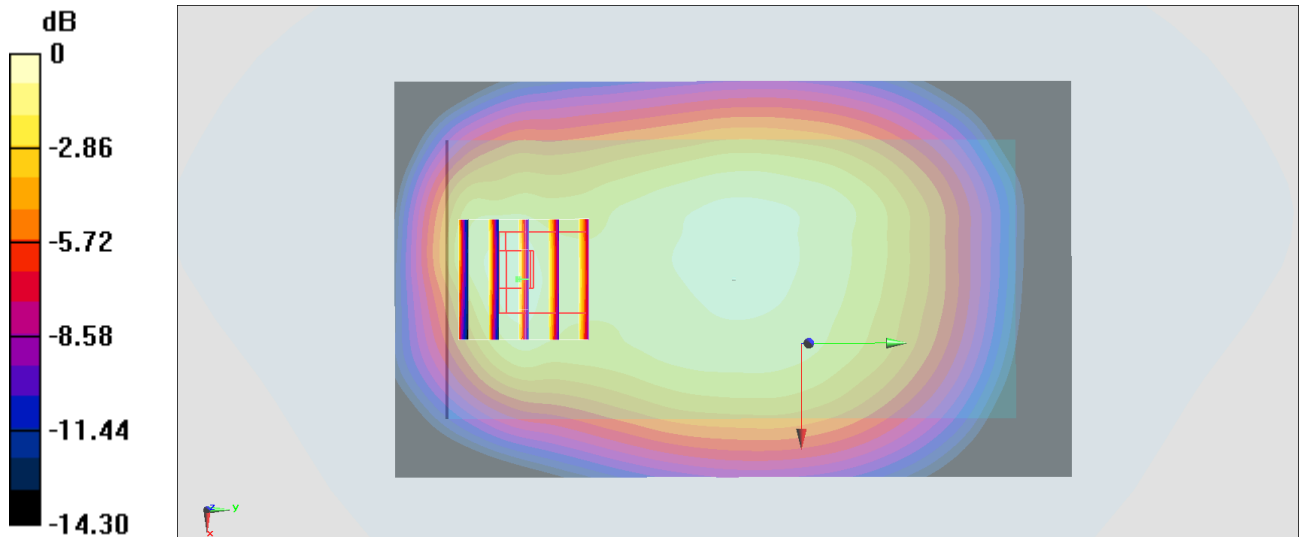
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.46 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.25 W/kg

**SAR(1 g) = 0.750 W/kg; SAR(10 g) = 0.484 W/kg**

Maximum value of SAR (measured) = 0.982 W/kg



0 dB = 0.982 W/kg = -0.08 dBW/kg

**#32\_GSM1900\_GPRS (4 Tx slots)\_Back\_5mm\_Ch661**

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

Medium: MSL\_1900\_181114 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.539$  S/m;  $\epsilon_r = 52.513$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7515; ConvF(7.93, 7.93, 7.93) ; Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

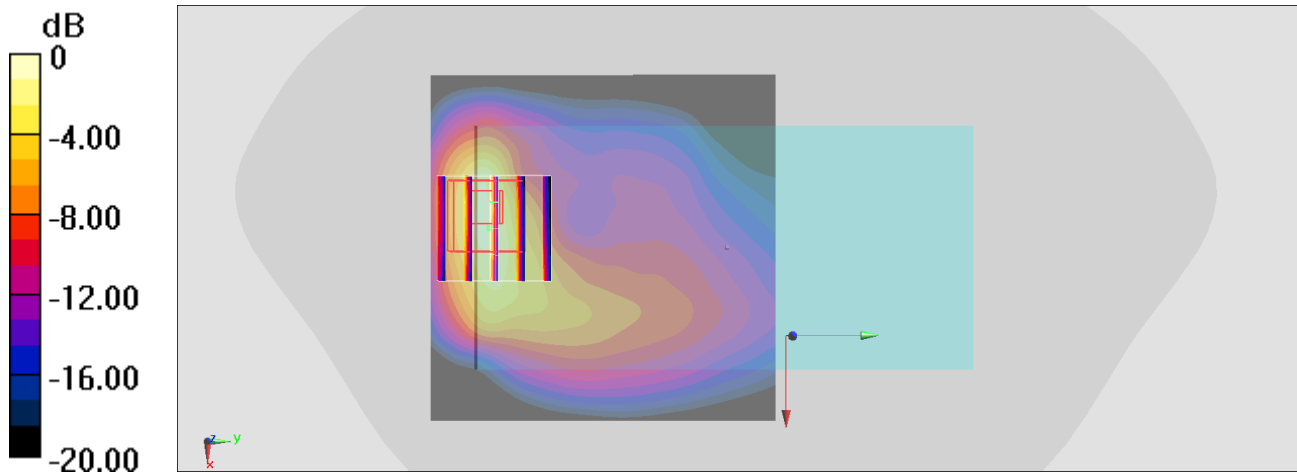
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.10 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.93 W/kg

**SAR(1 g) = 0.935 W/kg; SAR(10 g) = 0.433 W/kg**

Maximum value of SAR (measured) = 1.55 W/kg



0 dB = 1.55 W/kg = 1.90 dBW/kg



**#33\_WCDMA II\_RMC 12.2Kbps\_Back\_5mm\_Ch9262**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_181113 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.522$  S/m;  $\epsilon_r = 52.69$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7515; ConvF(7.93, 7.93, 7.93) ; Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

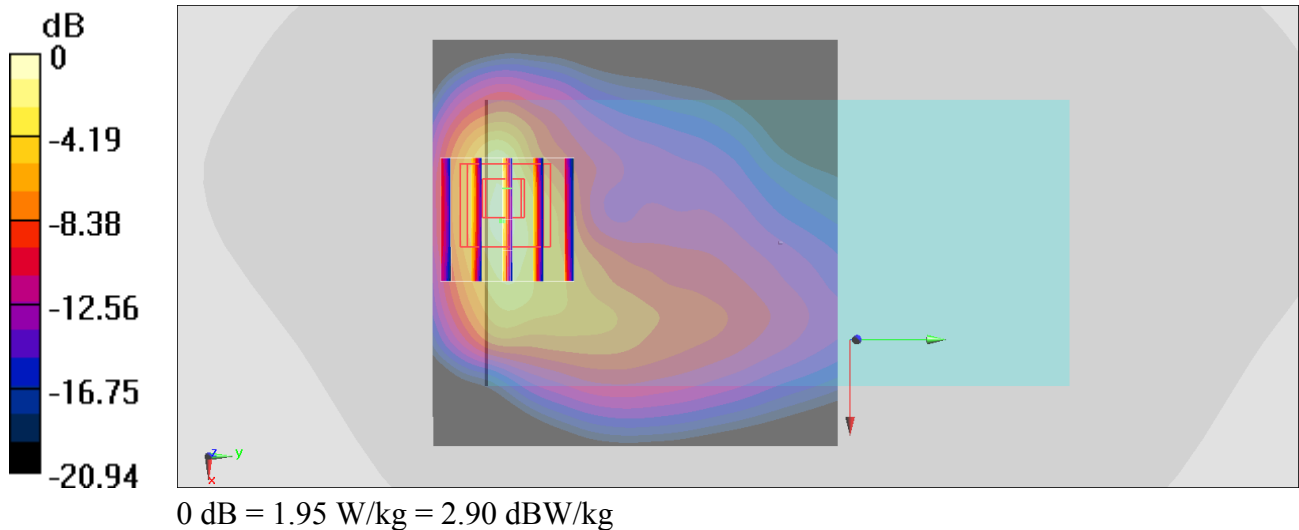
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.58 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.38 W/kg

**SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.543 W/kg**

Maximum value of SAR (measured) = 1.95 W/kg



**#34\_WCDMA V\_RMC 12.2Kbps\_Back\_5mm\_Ch4182**

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

Medium: MSL\_850\_181030 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.996$  S/m;  $\epsilon_r = 56.801$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306;ConvF(9.82, 9.82, 9.82) ;Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

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

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

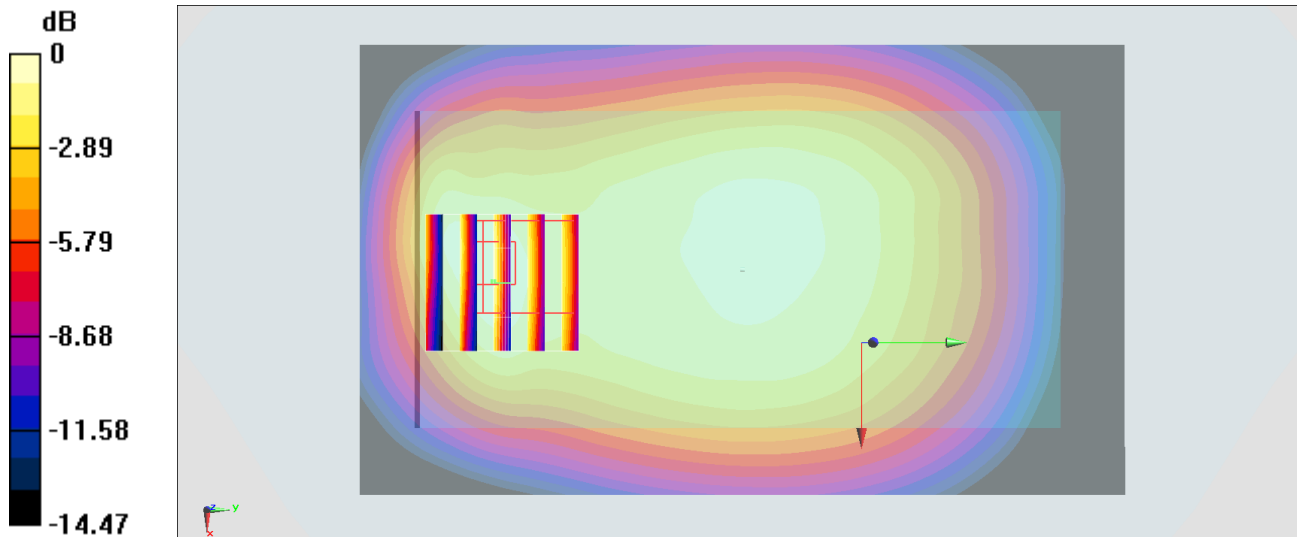
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.03 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.50 W/kg

**SAR(1 g) = 0.915 W/kg; SAR(10 g) = 0.590 W/kg**

Maximum value of SAR (measured) = 1.19 W/kg



**#35\_CDMA BC0\_1xRTT RC3 SO32\_Back\_5mm\_Ch777**

Communication System: UID 0, CDMA ; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_181114 Medium parameters used:  $f = 848.31$  MHz;  $\sigma = 0.963$  S/m;  $\epsilon_r = 54.432$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7515; ConvF(9.99, 9.99, 9.99) ; Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

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

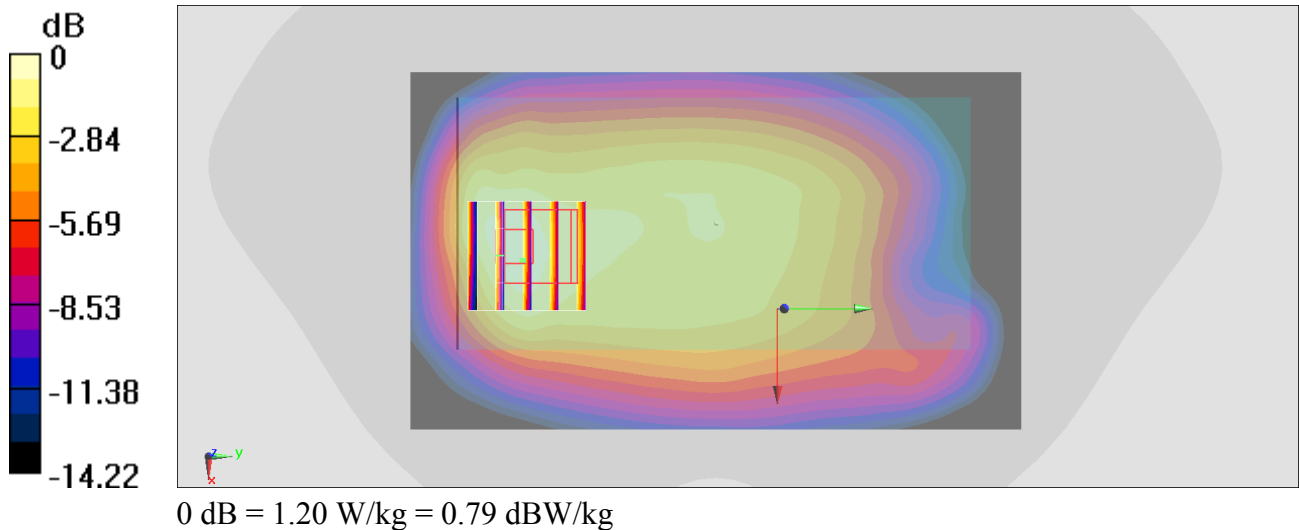
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.05 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.47 W/kg

**SAR(1 g) = 0.909 W/kg; SAR(10 g) = 0.600 W/kg**

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



### #36\_CDMA BC1\_1xRTT RC3 SO32\_Back\_5mm\_Ch25

Communication System: CDMA ; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_181114 Medium parameters used:  $f = 1851.25$  MHz;  $\sigma = 1.51$  S/m;  $\epsilon_r = 52.621$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN7515; ConvF(7.93, 7.93, 7.93) ; Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 1.41 W/kg

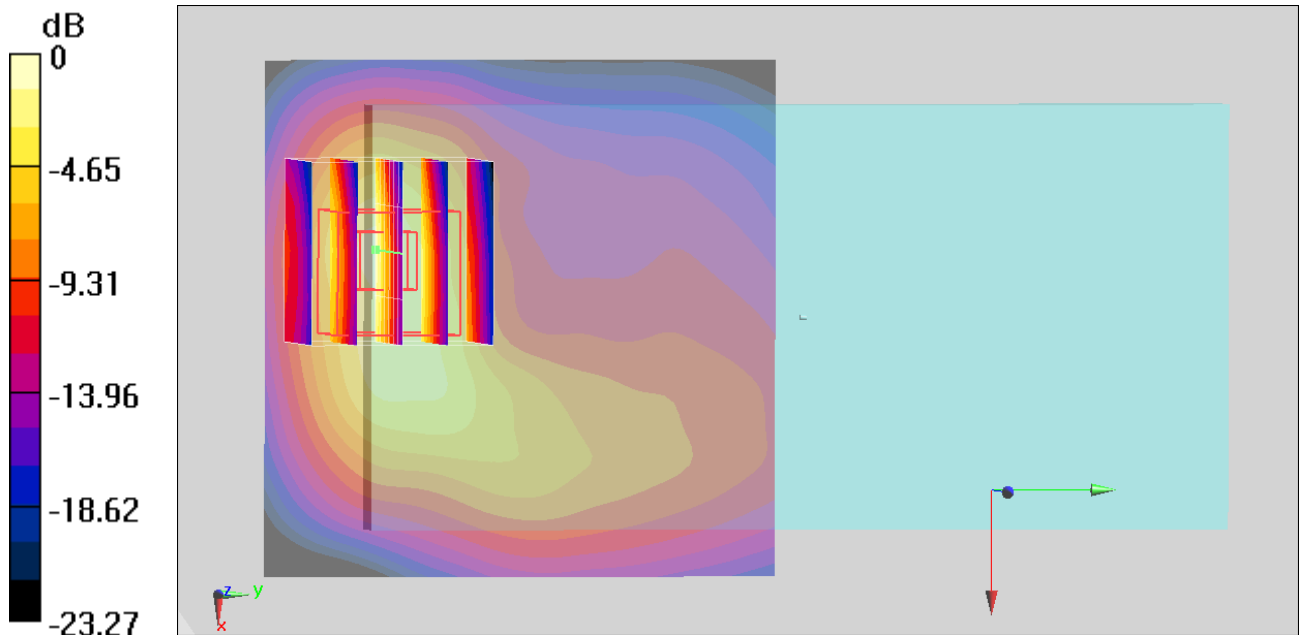
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.294 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.19 W/kg

**SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.510 W/kg**

Maximum value of SAR (measured) = 1.75 W/kg



0 dB = 1.75 W/kg = 2.43 dBW/kg

### #37\_CDMA BC10\_1xRTT RC3 SO32s\_Back\_5mm\_Ch684

Communication System: CDMA ; Frequency: 823.1 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_181114 Medium parameters used:  $f = 823.1$  MHz;  $\sigma = 0.94$  S/m;  $\epsilon_r = 54.682$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN7515; ConvF(9.99, 9.99, 9.99) ; Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

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

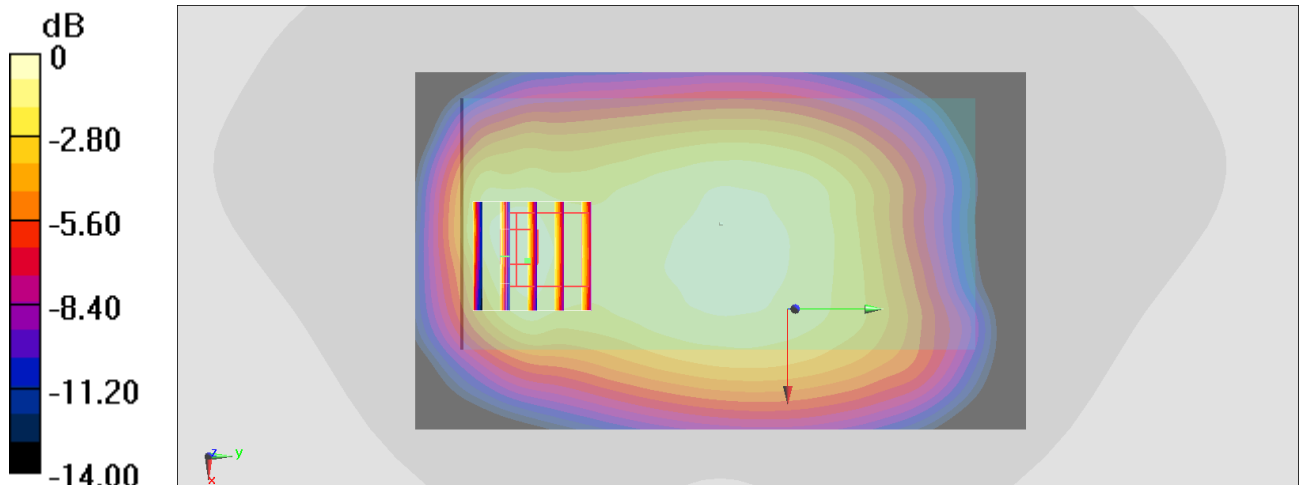
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.84 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.793 W/kg; SAR(10 g) = 0.529 W/kg**

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



0 dB = 1.05 W/kg = 0.21 dBW/kg

### #38\_LTE Band 2\_20M\_QPSK\_100\_0\_Back\_5mm\_Ch18700

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

Medium: MSL\_1900\_181113 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.53$  S/m;  $\epsilon_r = 52.668$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN7515;ConvF(7.93, 7.93, 7.93) ;Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.08 W/kg

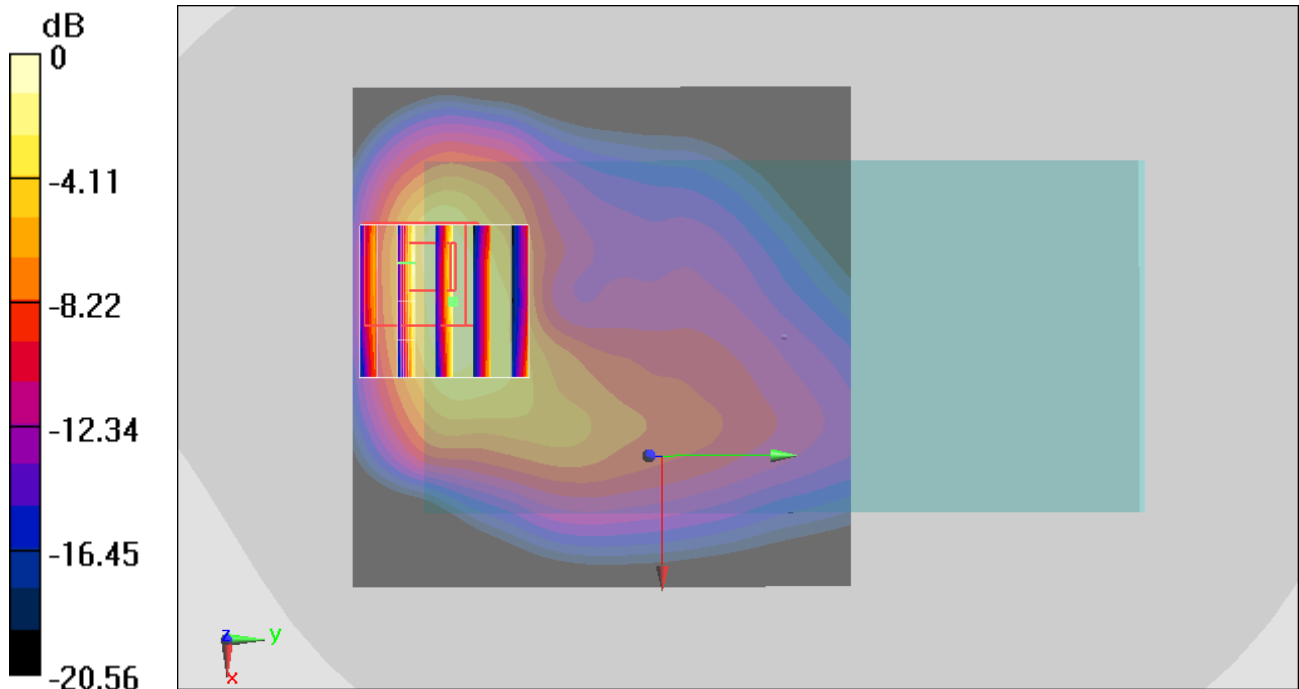
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.04 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.14 W/kg

**SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.481 W/kg**

Maximum value of SAR (measured) = 1.50 W/kg



0 dB = 1.50 W/kg = 1.76 dBW/kg

**#39\_LTE Band 4\_20M\_QPSK\_50\_0\_Back\_5mm\_Ch20175**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_181113 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.499$  S/m;  $\epsilon_r = 54.116$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN7515; ConvF(8.2, 8.2, 8.2) ; Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

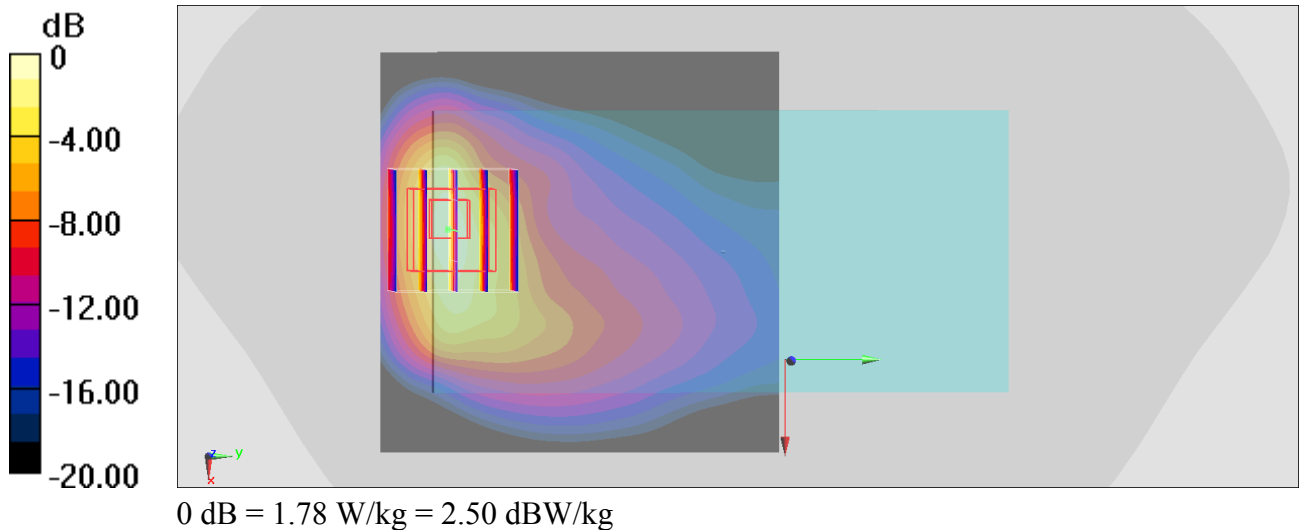
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.81 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.18 W/kg

**SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.563 W/kg**

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



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

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

Medium: MSL\_850\_181030 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.996$  S/m;  $\epsilon_r = 56.81$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(9.82, 9.82, 9.82) ; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 1.17 W/kg

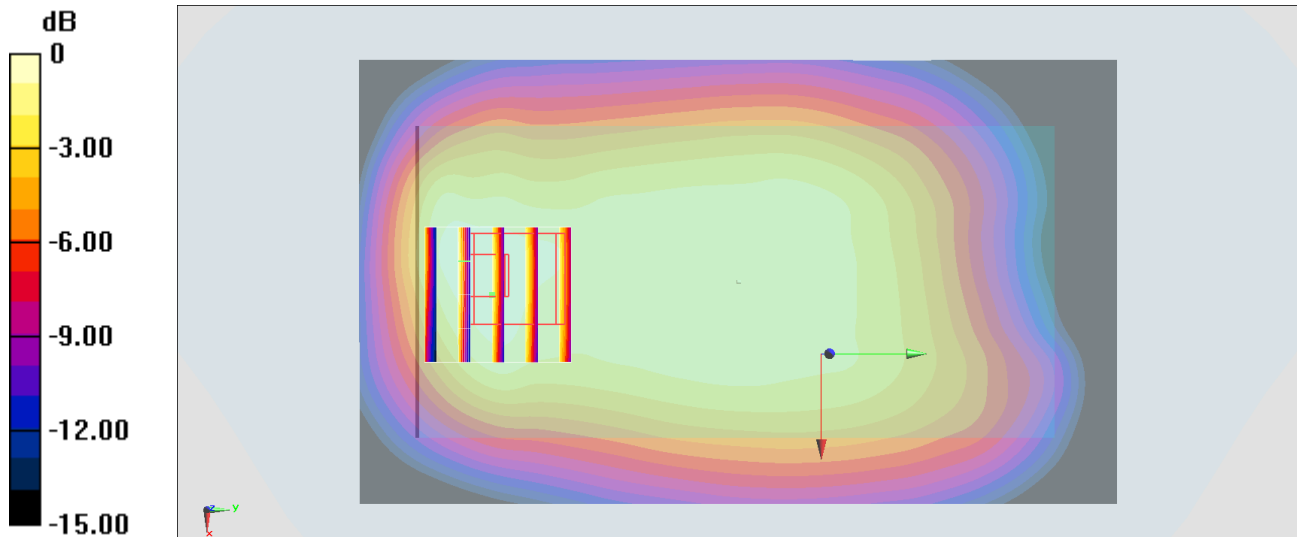
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.10 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.54 W/kg

**SAR(1 g) = 0.944 W/kg; SAR(10 g) = 0.610 W/kg**

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



0 dB = 1.22 W/kg = 0.86 dBW/kg



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

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

Medium: MSL\_750\_181030 Medium parameters used:  $f = 782$  MHz;  $\sigma = 0.996$  S/m;  $\epsilon_r = 53.701$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306;ConvF(10.06, 10.06, 10.06) ;Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 0.944 W/kg

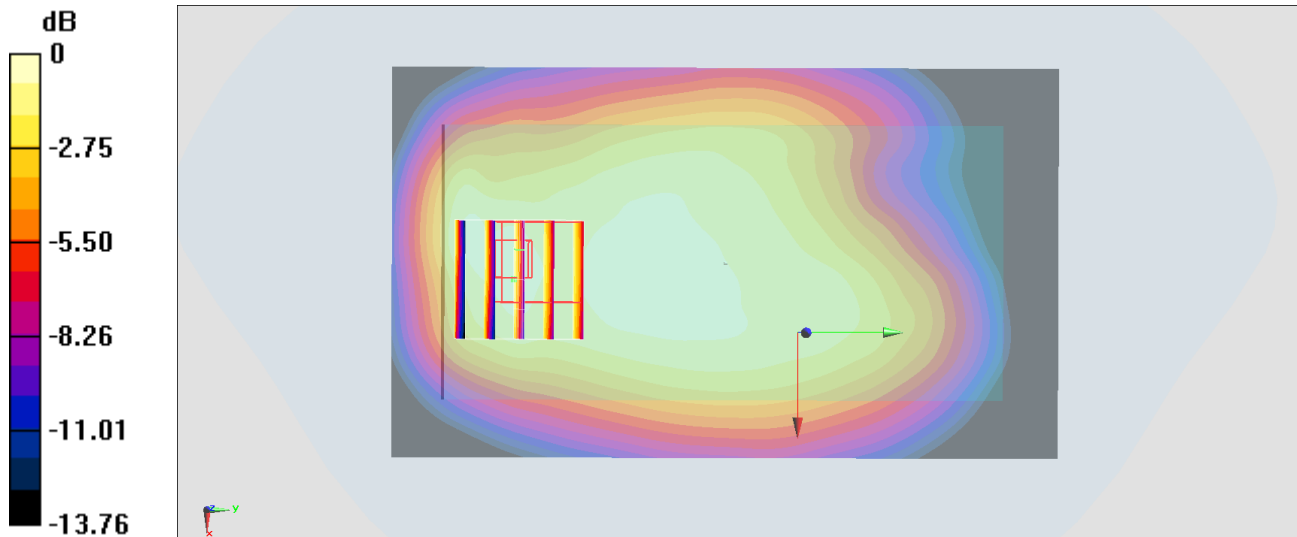
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.03 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.25 W/kg

**SAR(1 g) = 0.811 W/kg; SAR(10 g) = 0.571 W/kg**

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



0 dB = 1.04 W/kg = 0.17 dBW/kg

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

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.024

Medium: MSL\_2450\_181116 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.979$  S/m;  $\epsilon_r = 52.565$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7515; ConvF(7.53, 7.53, 7.53); Calibrated: 2018/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.14 W/kg

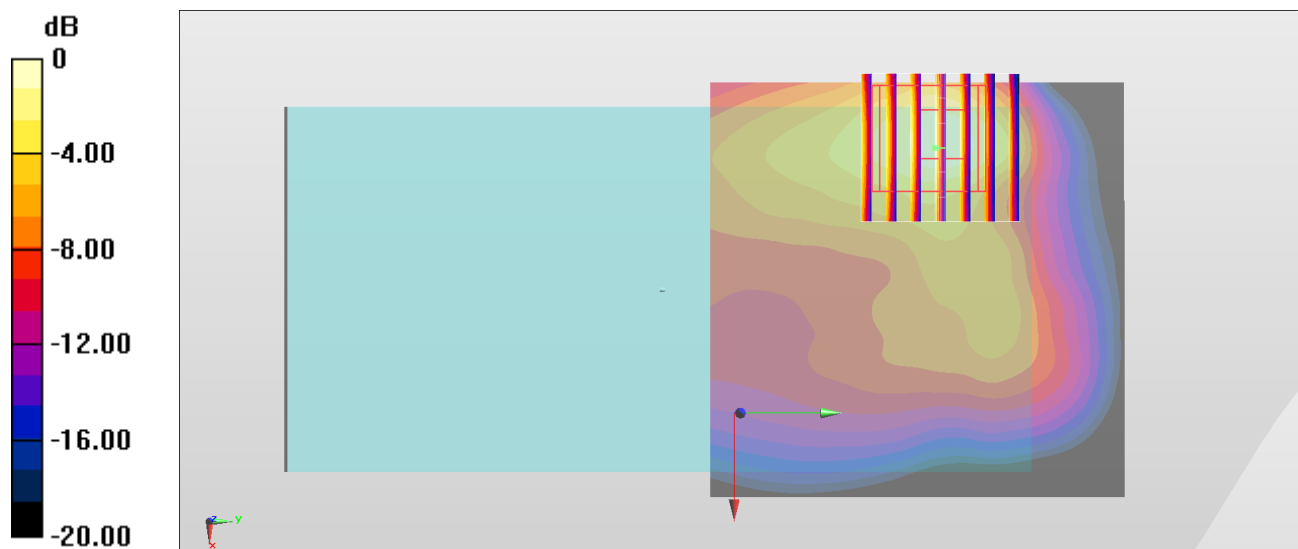
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.61 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.42 W/kg

**SAR(1 g) = 0.633 W/kg; SAR(10 g) = 0.286 W/kg**

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



0 dB = 1.14 W/kg = 0.57 dBW/kg

**#43\_WLAN5GHz\_802.11a\_6Mbps\_Back\_5mm\_Ch64**

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1.142

Medium: MSL\_5G\_181116 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 5.49$  S/m;  $\epsilon_r = 48.921$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.8, 4.8, 4.8) ; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Area Scan (81x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.37 W/kg

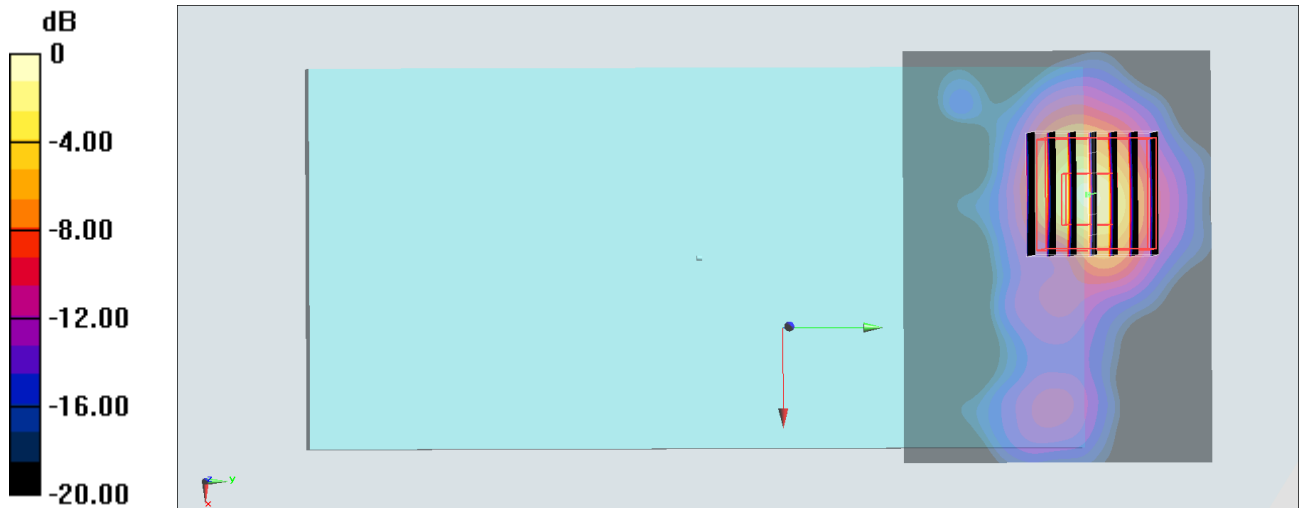
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.24 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 5.08 W/kg

**SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.280 W/kg**

Maximum value of SAR (measured) = 2.95 W/kg



0 dB = 2.95 W/kg = 4.70 dBW/kg

**#44\_WLAN5GHz\_802.11a\_6Mbps\_Back\_5mm\_Ch100**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1.142

Medium: MSL\_5G\_181116 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.688$  S/m;  $\epsilon_r = 48.672$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.03, 4.03, 4.03) ; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Area Scan (81x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.30 W/kg

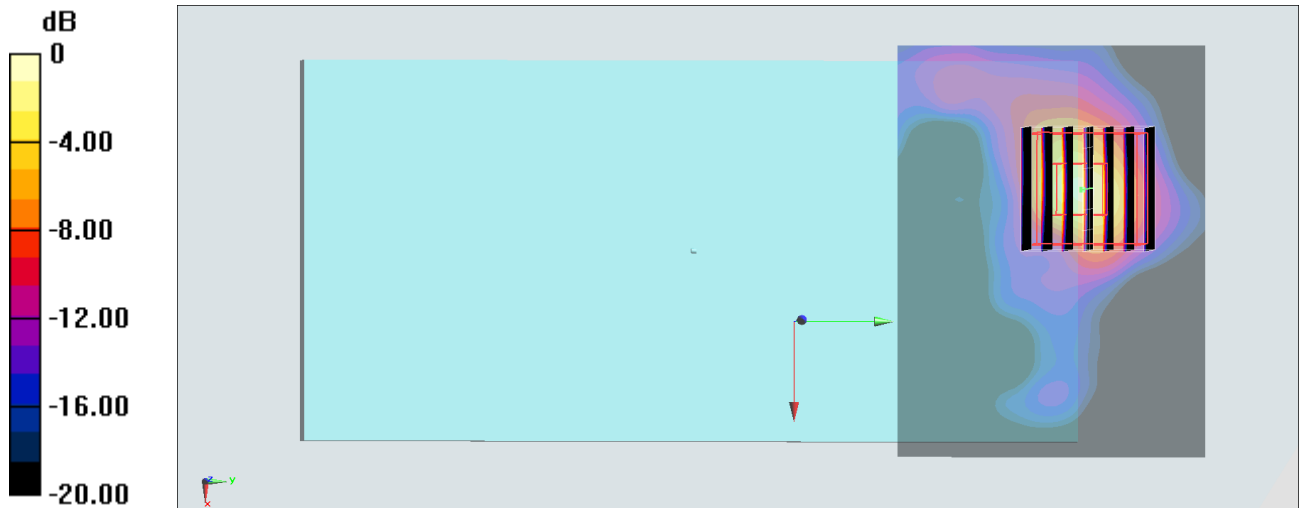
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.14 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 4.94 W/kg

**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.244 W/kg**

Maximum value of SAR (measured) = 2.80 W/kg



0 dB = 2.80 W/kg = 4.47 dBW/kg

## #45\_WLAN5GHz\_802.11a\_6Mbps\_Back\_5mm\_Ch165

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1.142

Medium: MSL\_5G\_181116 Medium parameters used :  $f = 5825$  MHz;  $\sigma = 6.037$  S/m;  $\epsilon_r = 48.223$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.37, 4.37, 4.37) ; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Area Scan (101x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.76 W/kg

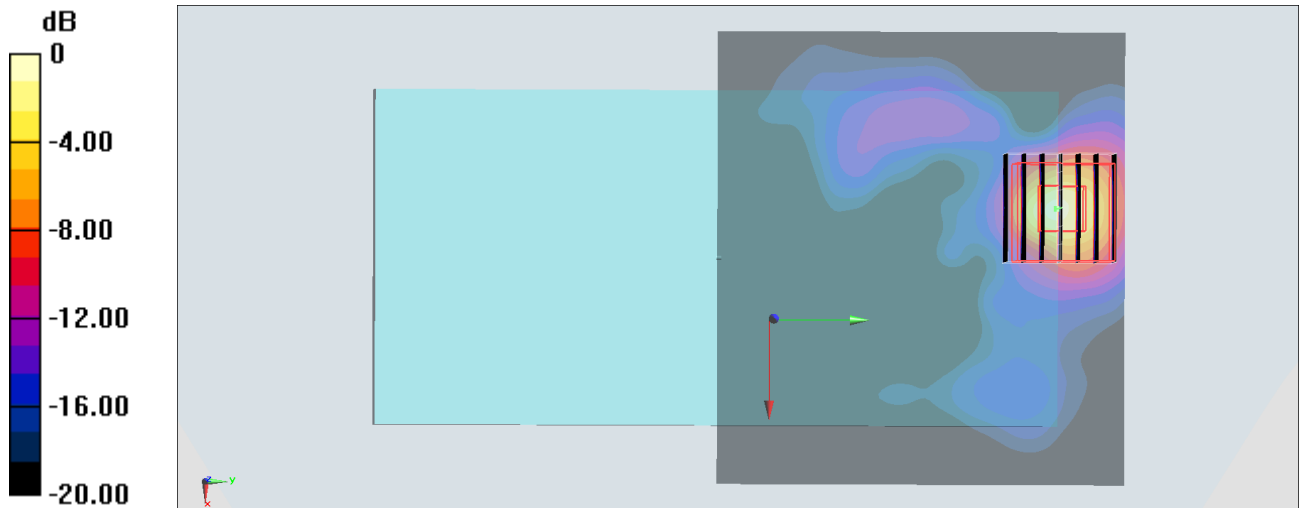
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.288 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 4.24 W/kg

**SAR(1 g) = 0.94 W/kg; SAR(10 g) = 0.174 W/kg**

Maximum value of SAR (measured) = 2.12 W/kg



0 dB = 2.12 W/kg = 3.26 dBW/kg

## #46\_Bluetooth\_1Mbps\_Back\_5mm\_Ch00

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

Medium: MSL\_2450\_181116 Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.901$  S/m;  $\epsilon_r = 52.647$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7515; ConvF(7.53, 7.53, 7.53) ; Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (81x61x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

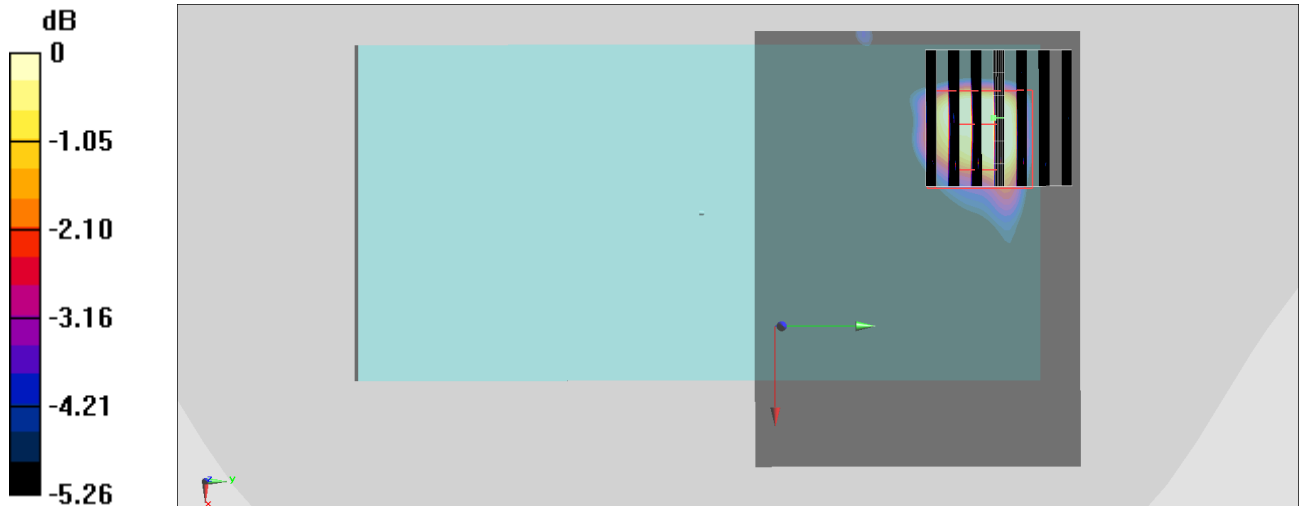
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.572 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.292 W/kg

**SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.026 W/kg**

Maximum value of SAR (measured) = 0.159 W/kg



0 dB = 0.159 W/kg = -7.99 dBW/kg