

**#01\_GSM850\_GPRS (4 Tx slots)\_Left Cheek\_Ch189**

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

Medium: HSL\_850\_210304 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.892$  S/m;  $\epsilon_r = 41.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(10.63, 10.63, 10.63) @ 836.4 MHz; Calibrated: 2020/4/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2020/11/23
- Phantom: SAM\_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.147 W/kg

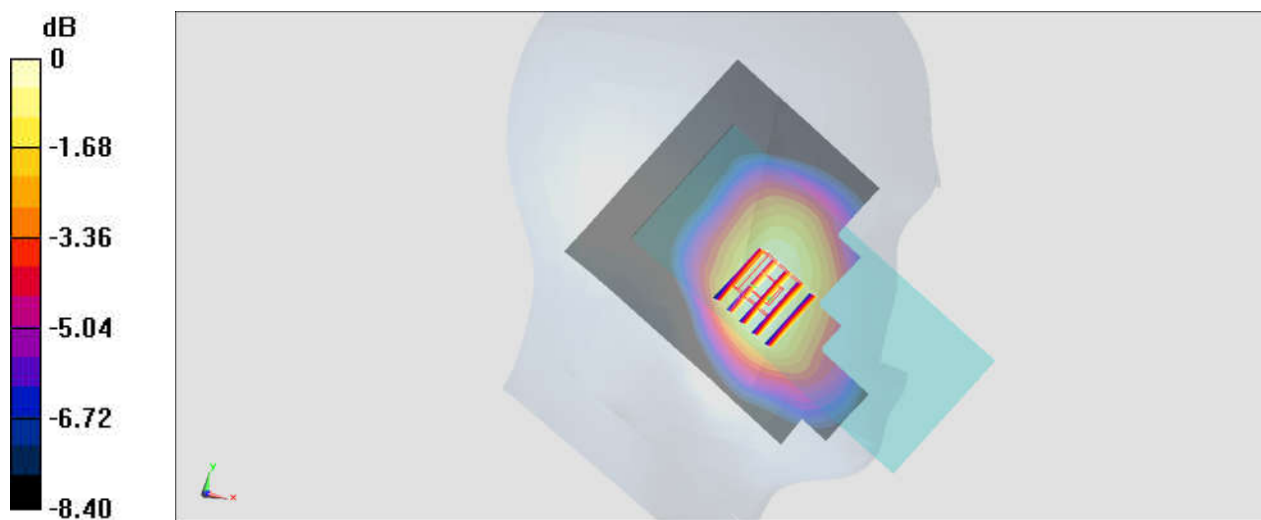
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.58 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.160 W/kg

**SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.104 W/kg**

Maximum value of SAR (measured) = 0.152 W/kg



0 dB = 0.152 W/kg = -8.18 dBW/kg

**#02\_GSM1900\_GPRS (4 Tx slots)\_Left Cheek\_ch661**

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

Medium: HSL\_1900\_210309 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.432$  S/m;  $\epsilon_r = 40.177$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.15, 8.15, 8.15) @ 1880 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.0179 W/kg

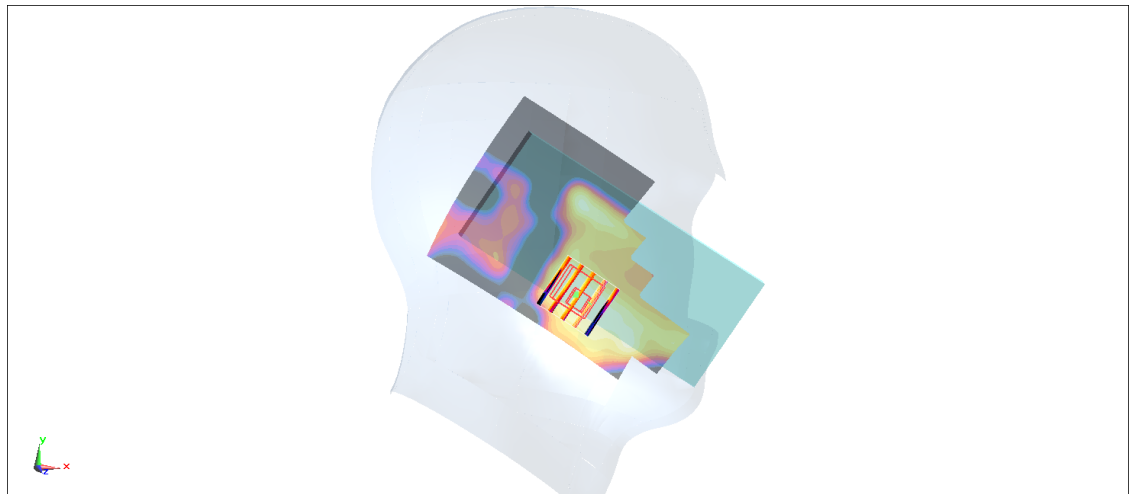
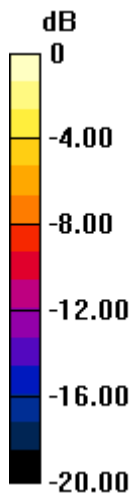
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.049 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.0260 W/kg

**SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00707 W/kg**

Maximum value of SAR (measured) = 0.0168 W/kg



0 dB = 0.0168 W/kg = -17.75 dBW/kg

**#03\_WCDMA II\_RMC 12.2Kbps\_Left Cheek\_Ch9262**

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

Medium: HSL\_1900\_210309 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.404$  S/m;  $\epsilon_r = 40.261$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.15, 8.15, 8.15) @ 1852.4 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0275 W/kg

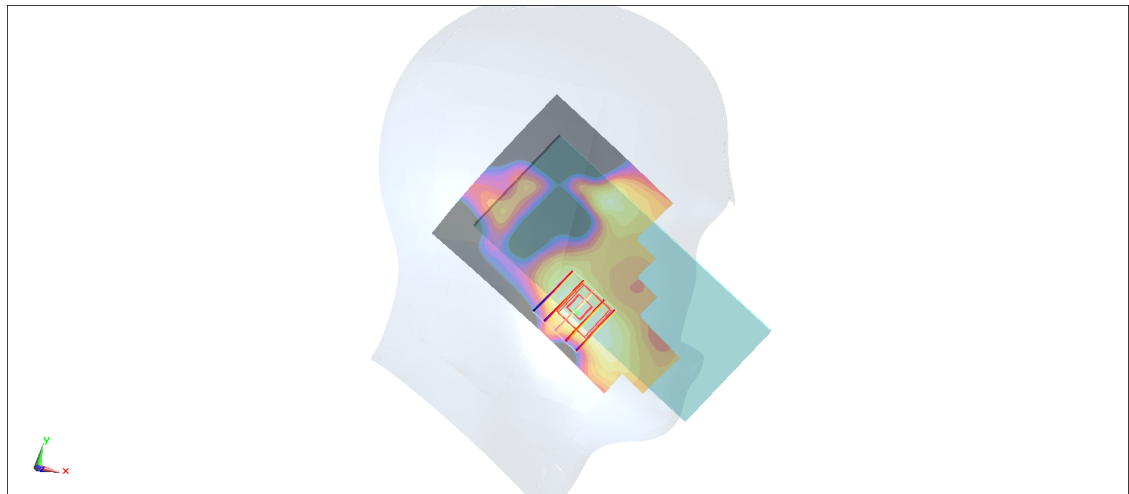
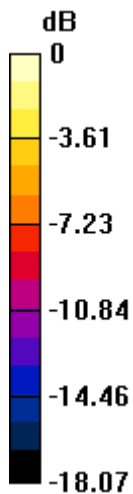
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.001 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.0270 W/kg

**SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.011 W/kg**

Maximum value of SAR (measured) = 0.0234 W/kg



0 dB = 0.0234 W/kg = -16.31 dBW/kg

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

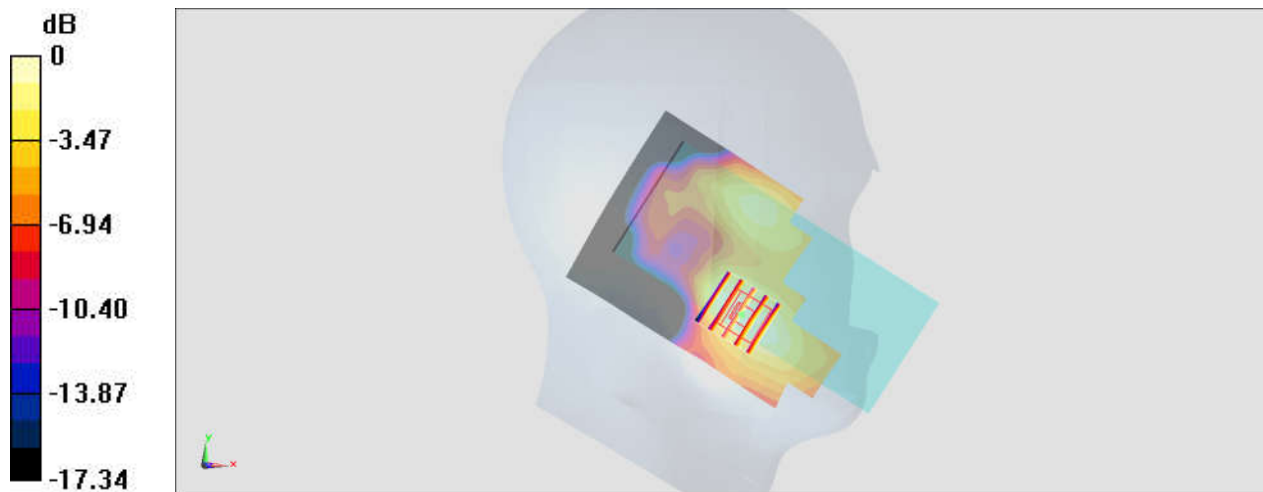
Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1  
 Medium: HSL\_1750\_210310 Medium parameters used:  $f = 1753 \text{ MHz}$ ;  $\sigma = 1.364 \text{ S/m}$ ;  $\epsilon_r = 40.62$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3115; ConvF(5.24, 5.24, 5.24) @ 1752.6 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- Phantom: SAM\_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) = 0.0266 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 3.542 V/m; Power Drift = 0.18 dB  
 Peak SAR (extrapolated) = 0.0330 W/kg  
**SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.014 W/kg**  
 Maximum value of SAR (measured) = 0.0259 W/kg



0 dB = 0.0259 W/kg = -15.87 dBW/kg

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

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

Medium: HSL\_850\_210304 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.899$  S/m;  $\epsilon_r = 41.715$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(10.63, 10.63, 10.63) @ 846.6 MHz; Calibrated: 2020/4/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2020/11/23
- Phantom: SAM\_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

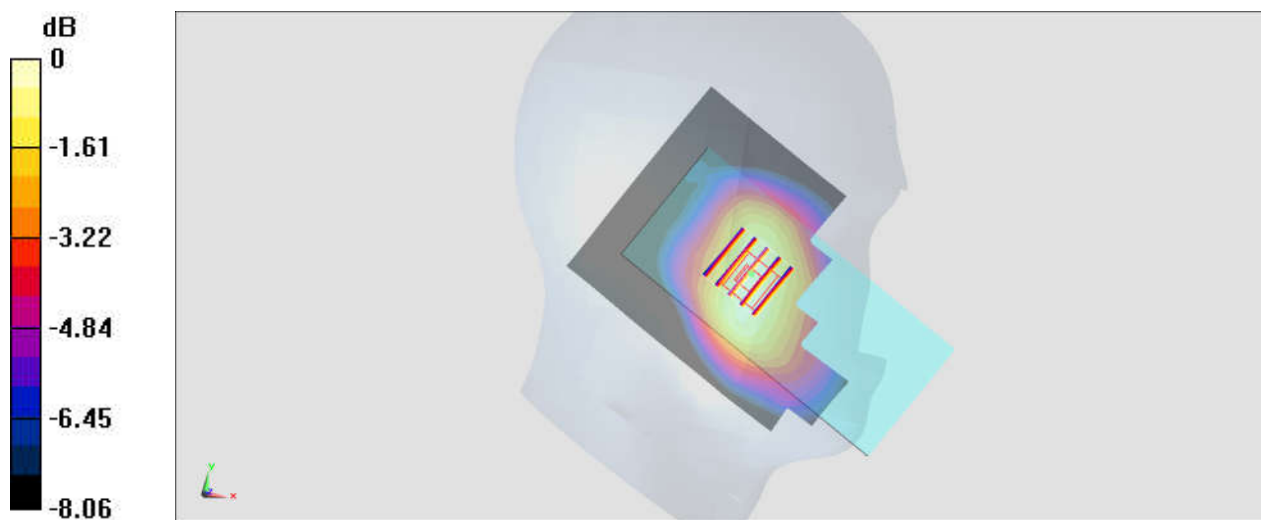
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.76 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.243 W/kg

**SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.157 W/kg**

Maximum value of SAR (measured) = 0.230 W/kg



**#06\_LTE Band 7\_20M\_QPSK\_1\_99\_Right Tilted\_Ch21350**

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

Medium: HSL\_2600\_210308 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.9$  S/m;  $\epsilon_r = 38.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.37, 7.37, 7.37) @ 2560 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0682 W/kg

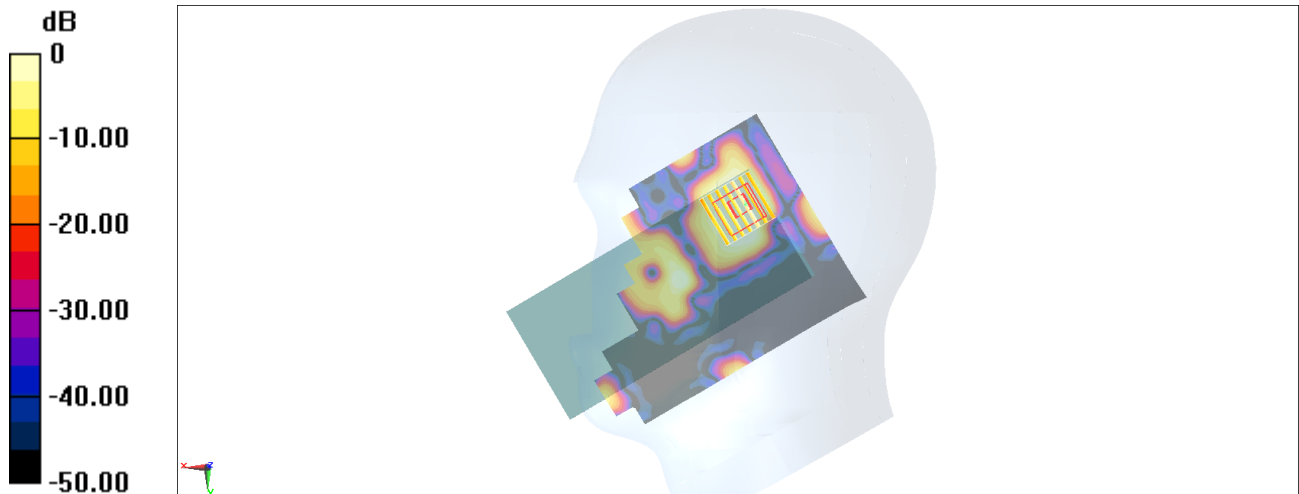
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.927 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.0910 W/kg

**SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.014 W/kg**

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



0 dB = 0.0370 W/kg = -14.32 dBW/kg

**#07\_LTE Band 12\_10M\_QPSK\_25\_25\_Left Cheek\_Ch23095**

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

Medium: HSL\_750\_210304 Medium parameters used :  $f = 707.5$  MHz;  $\sigma = 0.862$  S/m;  $\epsilon_r = 43.015$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(11.05, 11.05, 11.05) @ 707.5 MHz; Calibrated: 2020/4/14

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn376; Calibrated: 2020/11/23

- Phantom: SAM\_Left; Type: SAM; Serial: 1796

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.192 W/kg

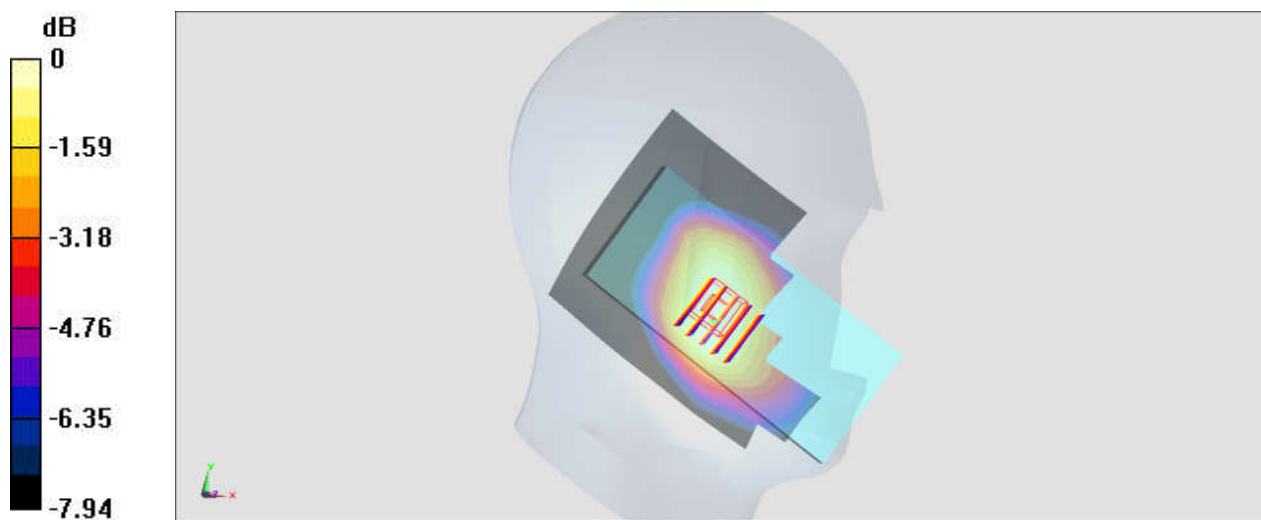
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.31 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.207 W/kg

**SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.137 W/kg**

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



0 dB = 0.197 W/kg = -7.06 dBW/kg

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

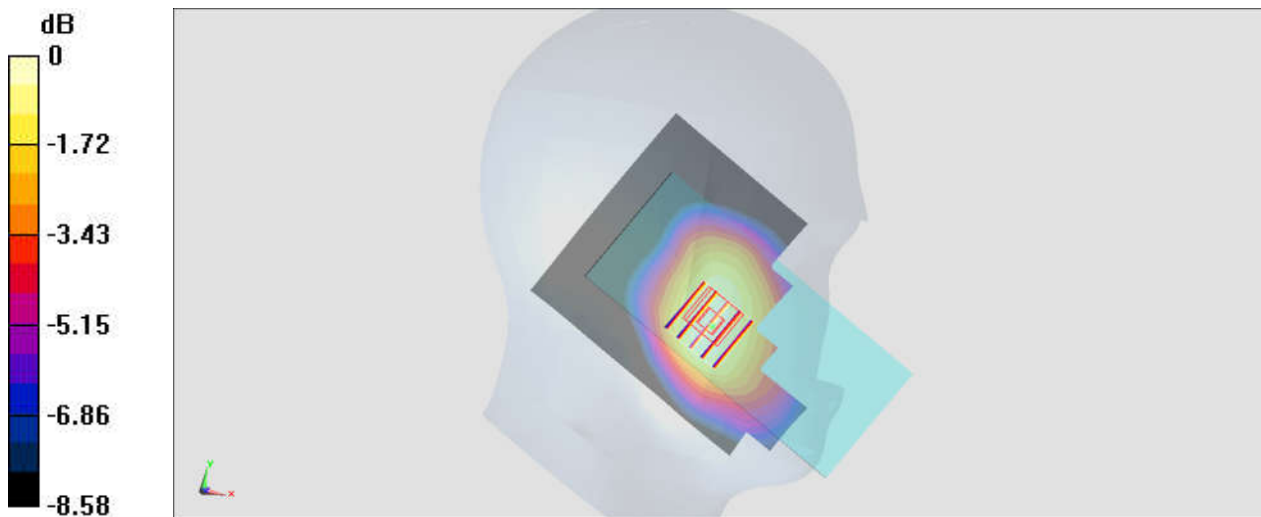
Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1  
Medium: HSL\_750\_210304 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.892 \text{ S/m}$ ;  $\epsilon_r = 42.725$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $23.6 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.6 \text{ }^\circ\text{C}$

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(11.05, 11.05, 11.05) @ 782 MHz; Calibrated: 2020/4/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2020/11/23
- Phantom: SAM\_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) =  $0.202 \text{ W/kg}$

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $15.67 \text{ V/m}$ ; Power Drift =  $-0.13 \text{ dB}$   
Peak SAR (extrapolated) =  $0.220 \text{ W/kg}$   
**SAR(1 g) =  $0.182 \text{ W/kg}$ ; SAR(10 g) =  $0.142 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $0.209 \text{ W/kg}$



0 dB =  $0.209 \text{ W/kg}$  =  $-6.80 \text{ dBW/kg}$



**#09\_LTE Band 25\_20M\_QPSK\_50\_50\_Left Cheek\_Ch26590**

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

Medium: HSL\_1900\_210309 Medium parameters used :  $f = 1905$  MHz;  $\sigma = 1.455$  S/m;  $\epsilon_r = 40.046$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.15, 8.15, 8.15) @ 1905 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0498 W/kg

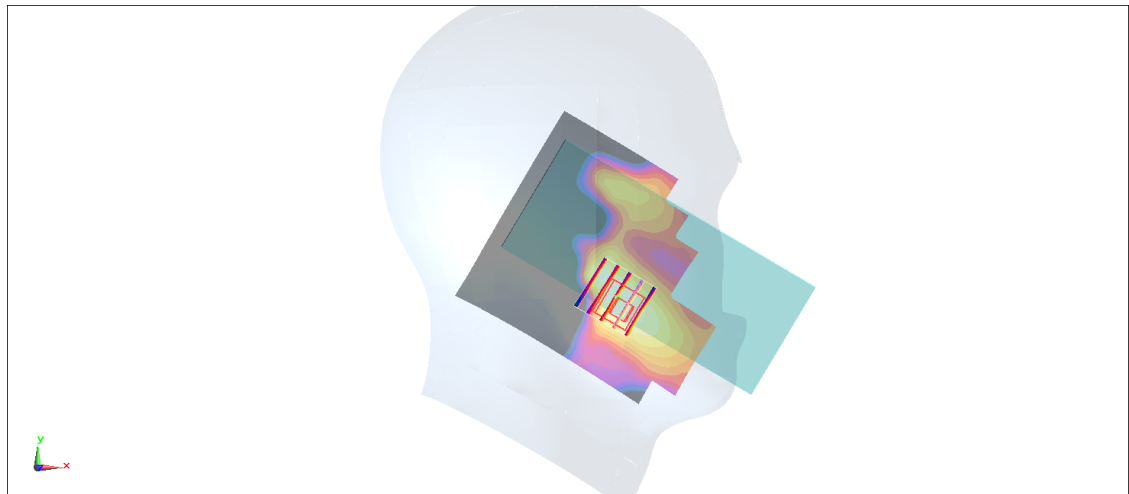
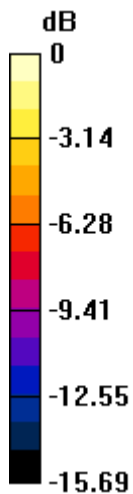
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.910 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.0520 W/kg

**SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.020 W/kg**

Maximum value of SAR (measured) = 0.0435 W/kg



0 dB = 0.0435 W/kg = -13.62 dBW/kg

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

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

Medium: HSL\_850\_210304 Medium parameters used :  $f = 831.5$  MHz;  $\sigma = 0.889$  S/m;  $\epsilon_r = 41.841$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(10.63, 10.63, 10.63) @ 831.5 MHz; Calibrated: 2020/4/14

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn376; Calibrated: 2020/11/23

- Phantom: SAM\_Left; Type: SAM; Serial: 1796

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.211 W/kg

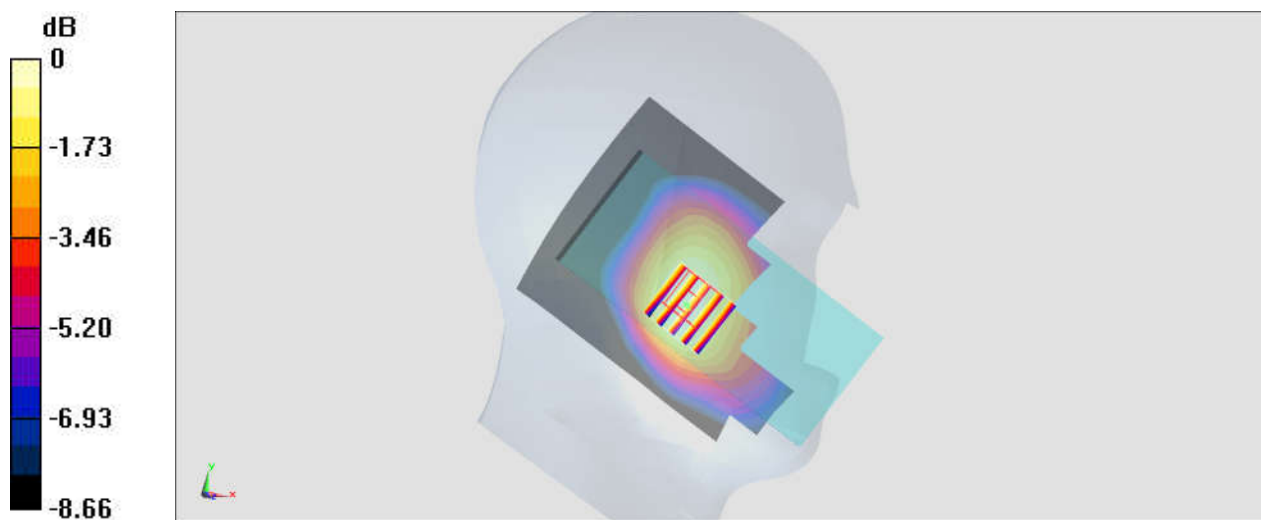
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.41 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.229 W/kg

**SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.151 W/kg**

Maximum value of SAR (measured) = 0.218 W/kg



0 dB = 0.218 W/kg = -6.62 dBW/kg

**#11\_LTE Band 66\_20M\_QPSK\_50\_24\_Right Cheek\_Ch132572**

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

Medium: HSL\_1750\_210310 Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.379$  S/m;  $\epsilon_r = 40.569$ ;

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3115; ConvF(5.24, 5.24, 5.24) @ 1770 MHz; Calibrated: 2020/11/23

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

- Electronics: DAE3 Sn495; Calibrated: 2020/7/21

- Phantom: SAM\_Left; Type: SAM; Serial: 1796

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0266 W/kg

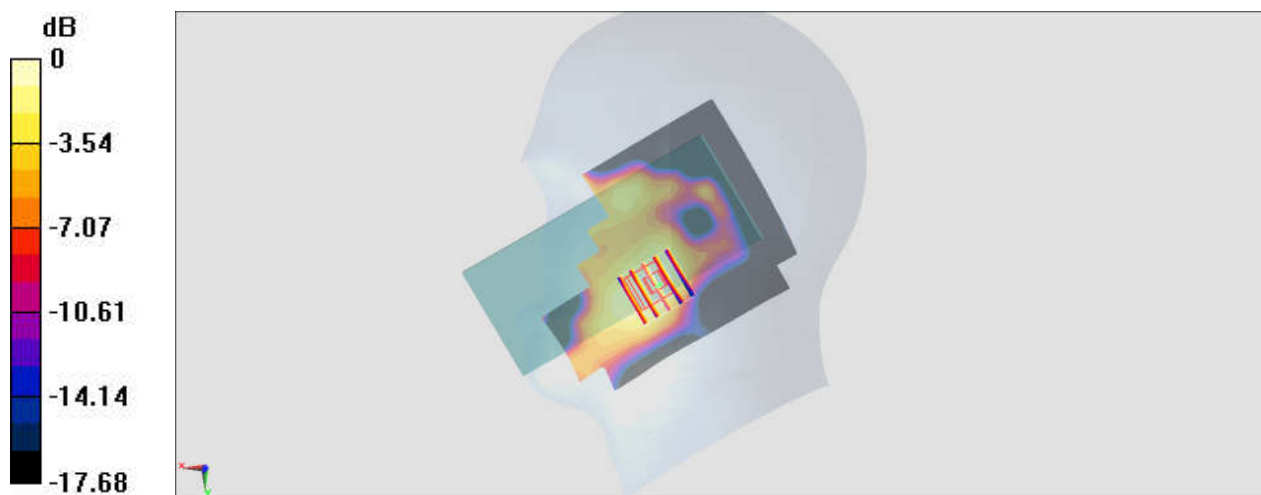
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.650 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.0360 W/kg

**SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.014 W/kg**

Maximum value of SAR (measured) = 0.0277 W/kg



0 dB = 0.0277 W/kg = -15.58 dBW/kg

**#12\_LTE Band 41\_20M\_QPSK\_1\_99\_Right Tilted\_Ch40620**

Communication System: LTE; Frequency: 2593 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600\_210308 Medium parameters used:  $f = 2593$  MHz;  $\sigma = 1.935$  S/m;  $\epsilon_r = 38.583$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.37, 7.37, 7.37) @ 2593 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0426 W/kg

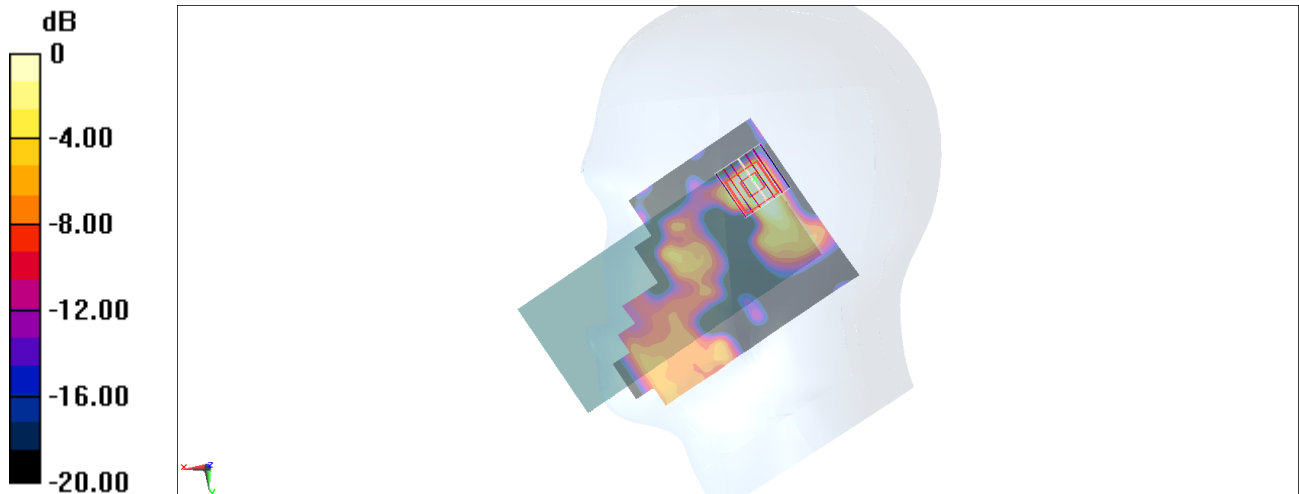
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.779 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.0180 W/kg

**SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00365 W/kg**

Maximum value of SAR (measured) = 0.0163 W/kg



0 dB = 0.0163 W/kg = -17.88 dBW/kg

### #13\_WLAN2.4GHz\_802.11b 1Mbps\_Left Cheek\_Ch11;Chain 1

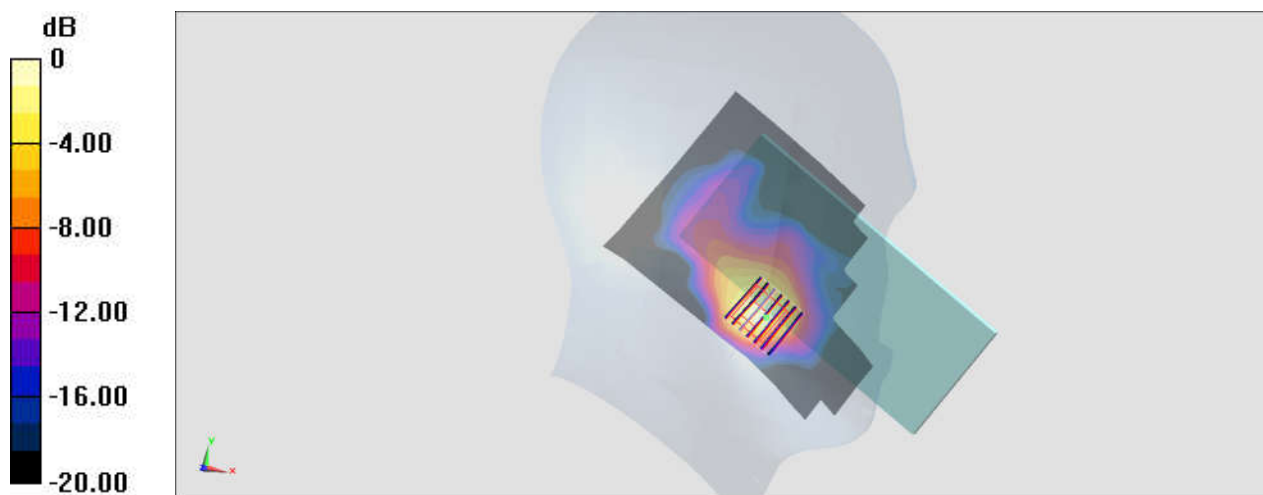
Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1  
 Medium: HSL\_2450\_210316 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.843$  S/m;  $\epsilon_r = 38.587$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3115; ConvF(4.47, 4.47, 4.47) @ 2462 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- Phantom: SAM\_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
 Maximum value of SAR (interpolated) = 0.209 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 9.421 V/m; Power Drift = -0.14 dB  
 Peak SAR (extrapolated) = 0.424 W/kg  
**SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.077 W/kg**  
 Maximum value of SAR (measured) = 0.237 W/kg



0 dB = 0.237 W/kg = -6.25 dBW/kg

## #14\_WLAN5GHz\_802.11ac-VHT160 MCS0\_Right Cheek\_Ch50;Chain 0

Communication System: 802.11ac ; Frequency: 5250 MHz;Duty Cycle: 1:1.004

Medium: HSL\_5G\_210318 Medium parameters used :  $f = 5250$  MHz;  $\sigma = 4.569$  S/m;  $\epsilon_r = 36.077$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(5.07, 5.07, 5.07) @ 5250 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (121x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.906 W/kg

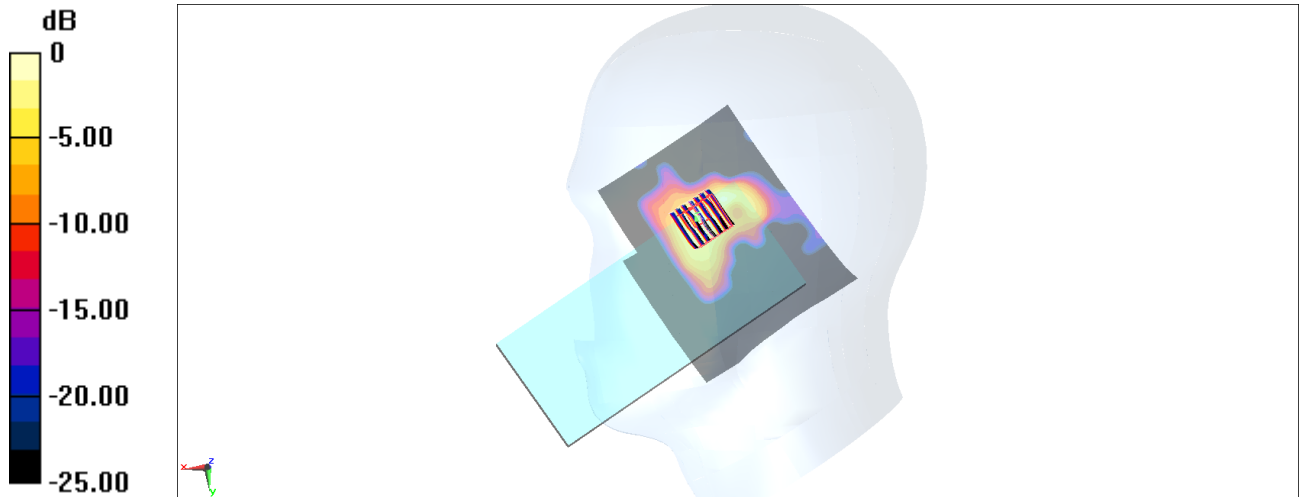
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.747 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.33 W/kg

**SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.086 W/kg**

Maximum value of SAR (measured) = 0.693 W/kg



0 dB = 0.693 W/kg = -1.59 dBW/kg

**#15\_WLAN5GHz\_802.11ac-VHT160 MCS0\_Right Tilted\_Ch114;Chain 1**

Communication System: 802.11ac ; Frequency: 5570 MHz;Duty Cycle: 1:1.004

Medium: HSL\_5G\_210319 Medium parameters used:  $f = 5570$  MHz;  $\sigma = 5.058$  S/m;  $\epsilon_r = 36.048$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.36, 4.36, 4.36) @ 5570 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2020/11/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.742 W/kg

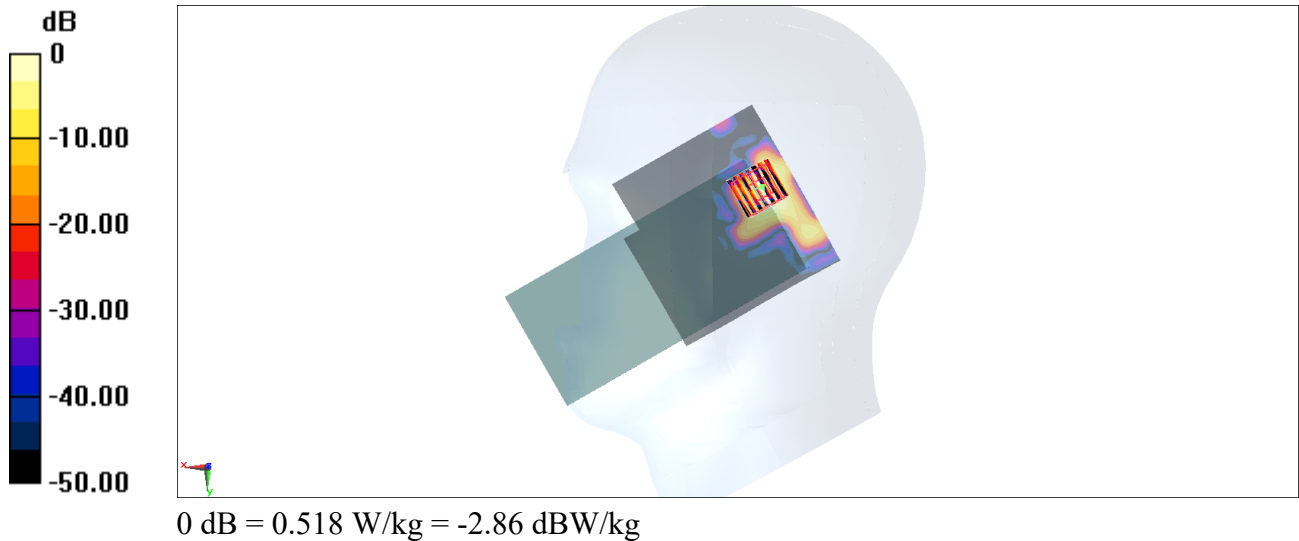
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.101 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.807 W/kg

**SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.045 W/kg**

Maximum value of SAR (measured) = 0.518 W/kg



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

Communication System: 802.11ac ; Frequency: 5775 MHz;Duty Cycle: 1:1.004

Medium: HSL\_5G\_210322 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.143$  S/m;  $\epsilon_r = 35.359$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.66, 4.66, 4.66) @ 5775 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2020/11/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (121x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.938 W/kg

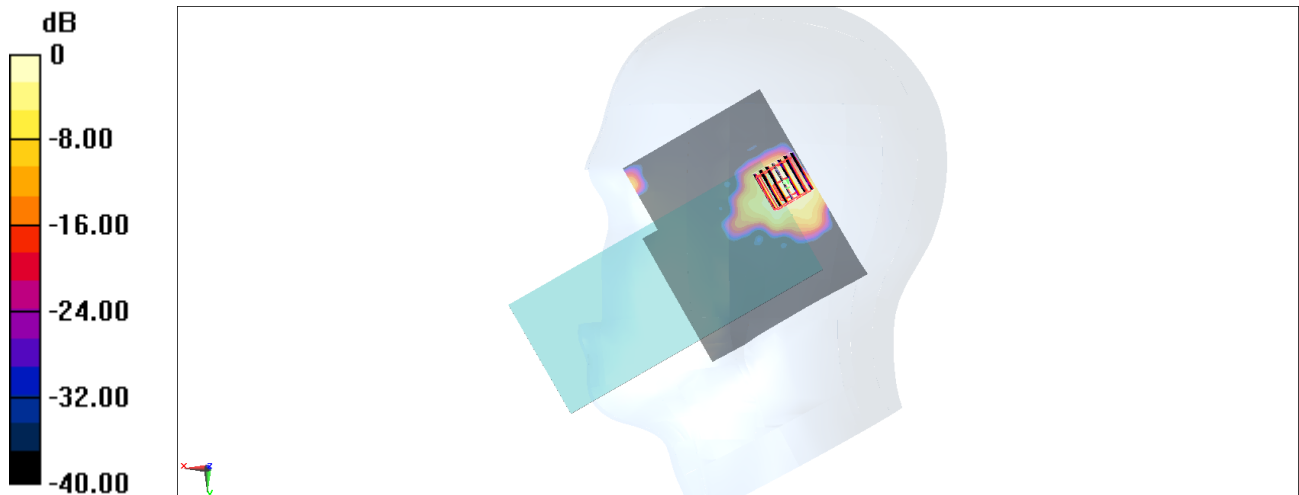
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.930 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.260 W/kg; SAR(10 g) = 0.070 W/kg**

Maximum value of SAR (measured) = 0.703 W/kg



0 dB = 0.703 W/kg = -1.53 dBW/kg



## #17\_Bluetooth\_1Mbps\_Left Cheek\_Ch78;Chain 1

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.302

Medium: HSL\_2450\_210325 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.823$  S/m;  $\epsilon_r = 38.751$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.57, 7.57, 7.57) @ 2480 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2020/11/23
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.266 W/kg

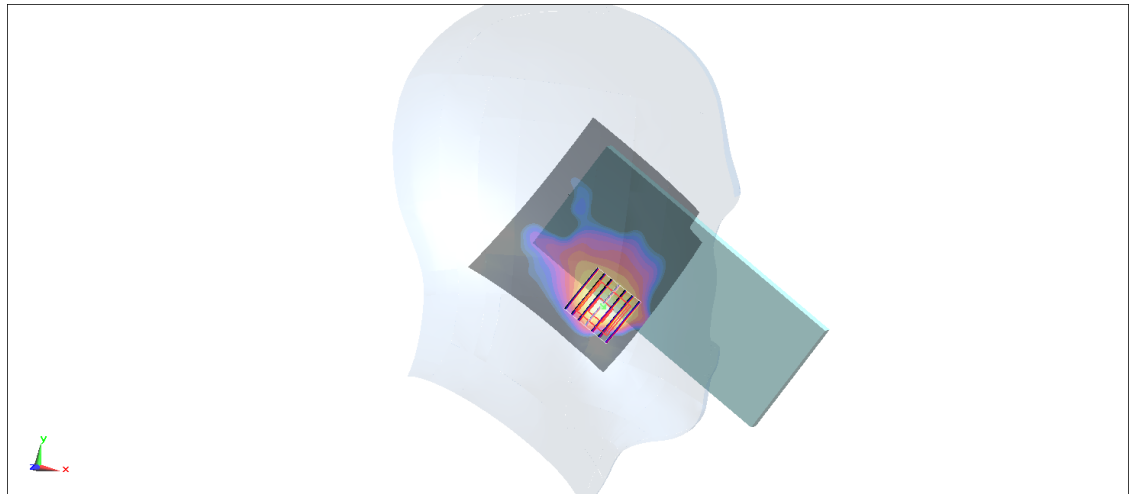
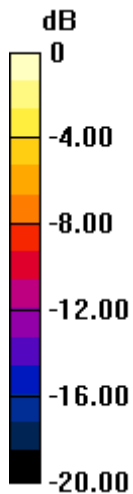
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.464 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.317 W/kg

**SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.050 W/kg**

Maximum value of SAR (measured) = 0.241 W/kg



0 dB = 0.241 W/kg = -6.18 dBW/kg

### #18\_GSM850\_GPRS (4 Tx slots)\_Left side\_10mm\_Ch189

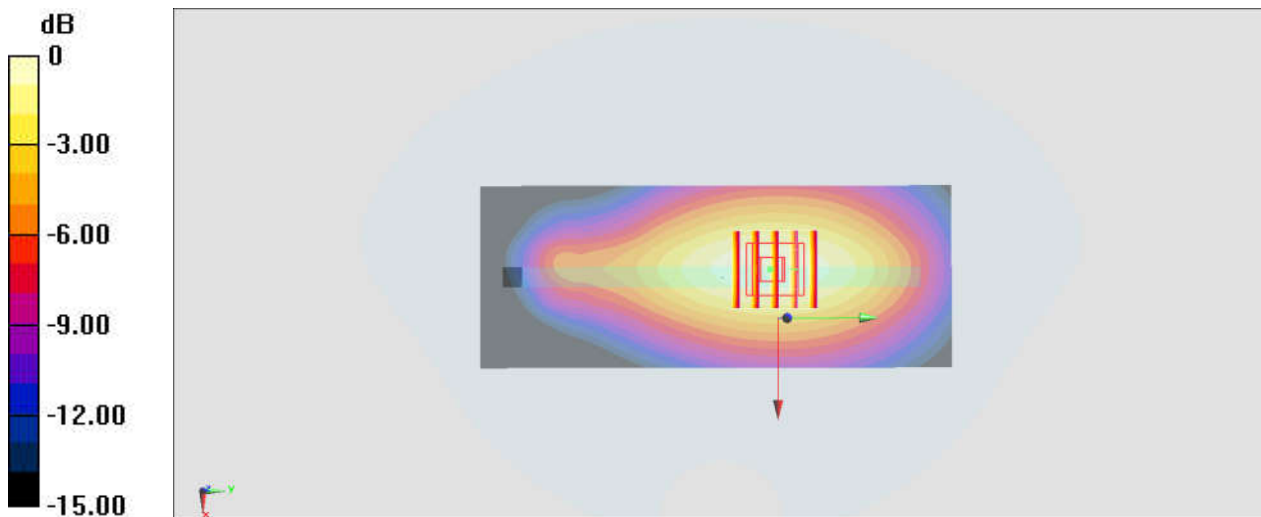
Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:2.08  
Medium: HSL\_850\_210304 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.892$  S/m;  $\epsilon_r = 41.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(10.63, 10.63, 10.63) @ 836.4 MHz; Calibrated: 2020/4/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2020/11/23
- Phantom: SAM\_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (51x131x1):** 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 = 16.23 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 0.227 W/kg  
**SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.112 W/kg**  
Maximum value of SAR (measured) = 0.207 W/kg



0 dB = 0.207 W/kg = -6.84 dBW/kg

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

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

Medium: HSL\_1900\_210309 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.432$  S/m;  $\epsilon_r = 40.177$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.15, 8.15, 8.15) @ 1880 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.795 W/kg

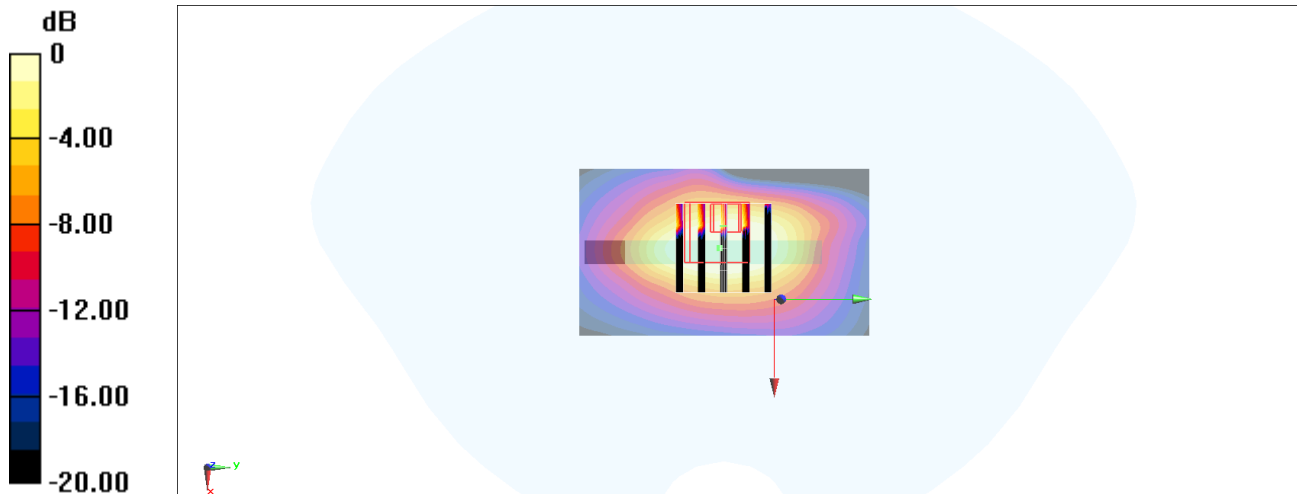
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.00 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.876 W/kg

**SAR(1 g) = 0.368 W/kg; SAR(10 g) = 0.113 W/kg**

Maximum value of SAR (measured) = 0.465 W/kg



0 dB = 0.465 W/kg = -3.33 dBW/kg

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

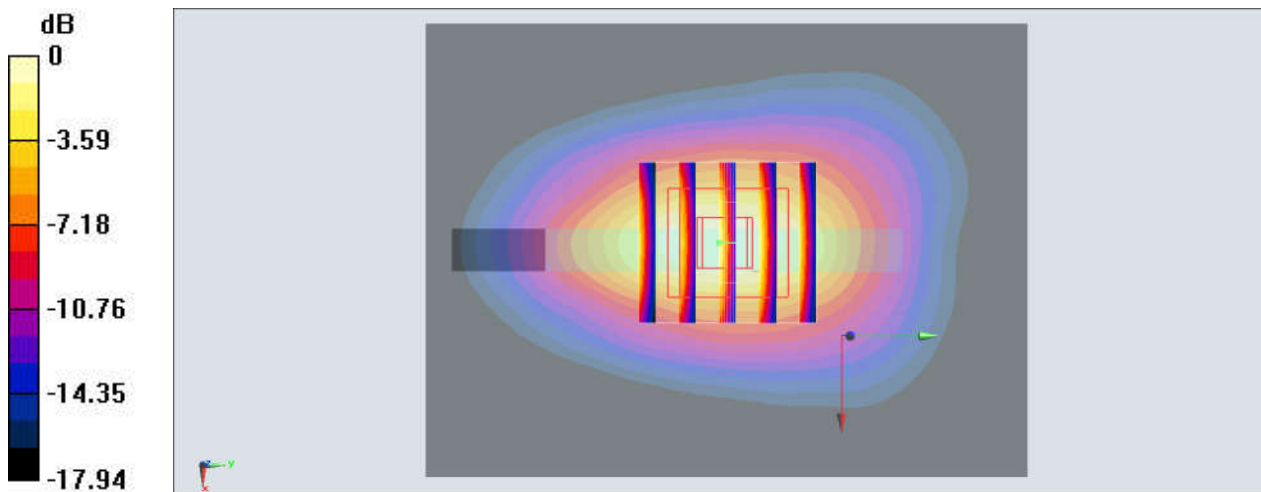
Communication System: WCDMA ; Frequency: 1907.6 MHz;Duty Cycle: 1:1  
Medium: HSL\_1900\_210310 Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.462 \text{ S/m}$ ;  $\epsilon_r = 39.884$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.4 \text{ }^\circ\text{C}$

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3115; ConvF(5.03, 5.03, 5.03) @ 1907.6 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- Phantom: SAM\_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x81x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) =  $1.10 \text{ W/kg}$

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $13.32 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$   
Peak SAR (extrapolated) =  $1.50 \text{ W/kg}$   
**SAR(1 g) =  $0.874 \text{ W/kg}$ ; SAR(10 g) =  $0.457 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $1.09 \text{ W/kg}$



0 dB =  $1.09 \text{ W/kg}$  =  $0.37 \text{ dBW/kg}$

### #21\_WCDMA IV\_RMC 12.2Kbps\_Bottom Side\_10mm\_Ch1513

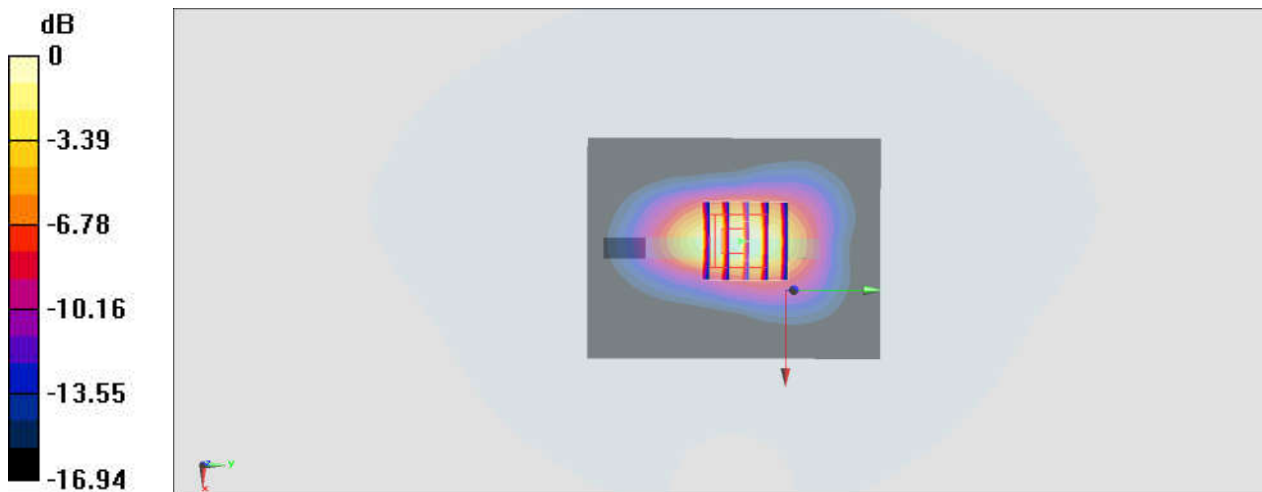
Communication System: WCDMA ; Frequency: 1752.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_210310 Medium parameters used:  $f = 1753 \text{ MHz}$ ;  $\sigma = 1.364 \text{ S/m}$ ;  $\epsilon_r = 40.62$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.4 \text{ }^\circ\text{C}$

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3115; ConvF(5.24, 5.24, 5.24) @ 1752.6 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- Phantom: SAM\_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x81x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) =  $0.929 \text{ W/kg}$

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $14.54 \text{ V/m}$ ; Power Drift =  $-0.07 \text{ dB}$   
Peak SAR (extrapolated) =  $1.20 \text{ W/kg}$   
**SAR(1 g) =  $0.715 \text{ W/kg}$ ; SAR(10 g) =  $0.380 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $0.881 \text{ W/kg}$



0 dB =  $0.881 \text{ W/kg}$  =  $-0.55 \text{ dBW/kg}$

**#22\_WCDMA V\_RMC 12.2Kbps\_Left Side\_10mm\_Ch4233**

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

Medium: HSL\_850\_210305 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.93$  S/m;  $\epsilon_r = 42.671$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.81, 9.81, 9.81) @ 846.6 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.314 W/kg

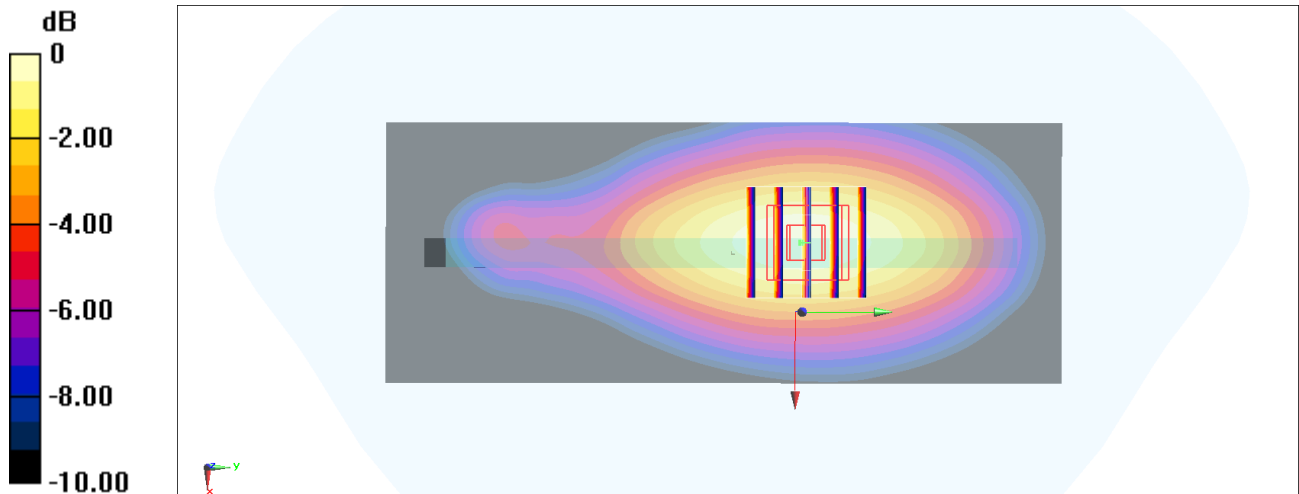
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.13 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.355 W/kg

**SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.167 W/kg**

Maximum value of SAR (measured) = 0.318 W/kg



0 dB = 0.318 W/kg = -4.98 dBW/kg

**#23\_LTE Band 7\_20M\_QPSK\_50\_24\_Back\_10mm\_Ch21350**

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

Medium: HSL\_2600\_210308 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.9$  S/m;  $\epsilon_r = 38.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.37, 7.37, 7.37) @ 2560 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.813 W/kg

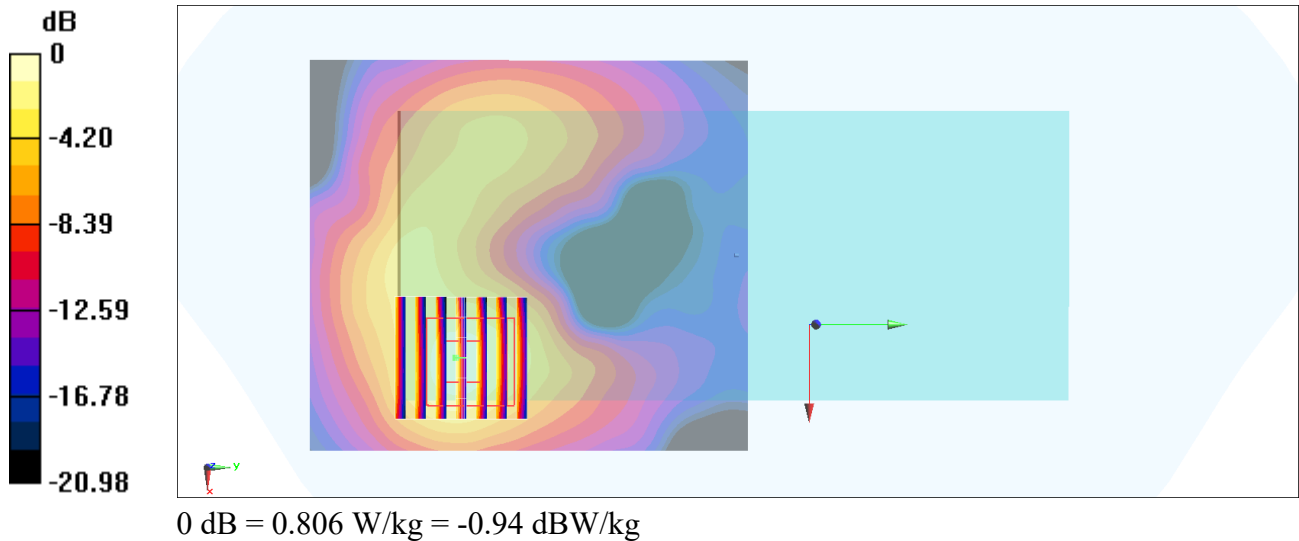
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.19 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.978 W/kg

**SAR(1 g) = 0.504 W/kg; SAR(10 g) = 0.244 W/kg**

Maximum value of SAR (measured) = 0.806 W/kg



**#24\_LTE Band 12\_10M\_QPSK\_25\_25\_Left Side\_10mm\_Ch23095**

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

Medium: HSL\_750\_210306 Medium parameters used :  $f = 707.5$  MHz;  $\sigma = 0.887$  S/m;  $\epsilon_r = 44.004$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.19, 10.19, 10.19) @ 707.5 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.462 W/kg

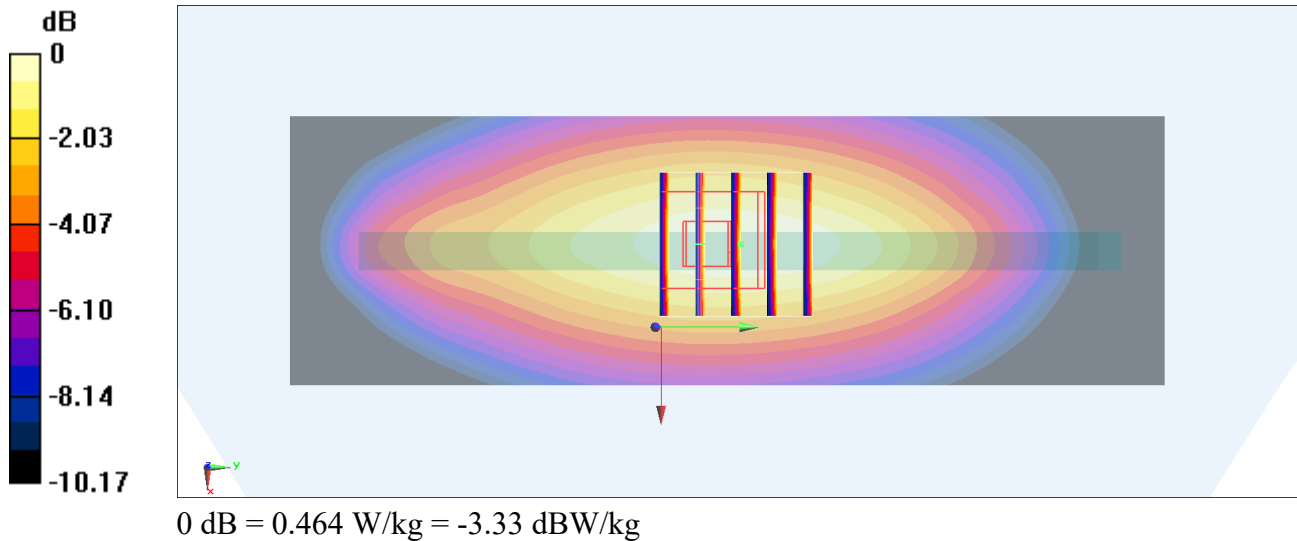
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.83 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.562 W/kg

**SAR(1 g) = 0.330 W/kg; SAR(10 g) = 0.223 W/kg**

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





**#25\_LTE Band 13\_10M\_QPSK\_25\_25\_Left Side\_10mm\_Ch23230**

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

Medium: HSL\_750\_210306 Medium parameters used:  $f = 782$  MHz;  $\sigma = 0.912$  S/m;  $\epsilon_r = 43.529$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.19, 10.19, 10.19) @ 782 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.415 W/kg

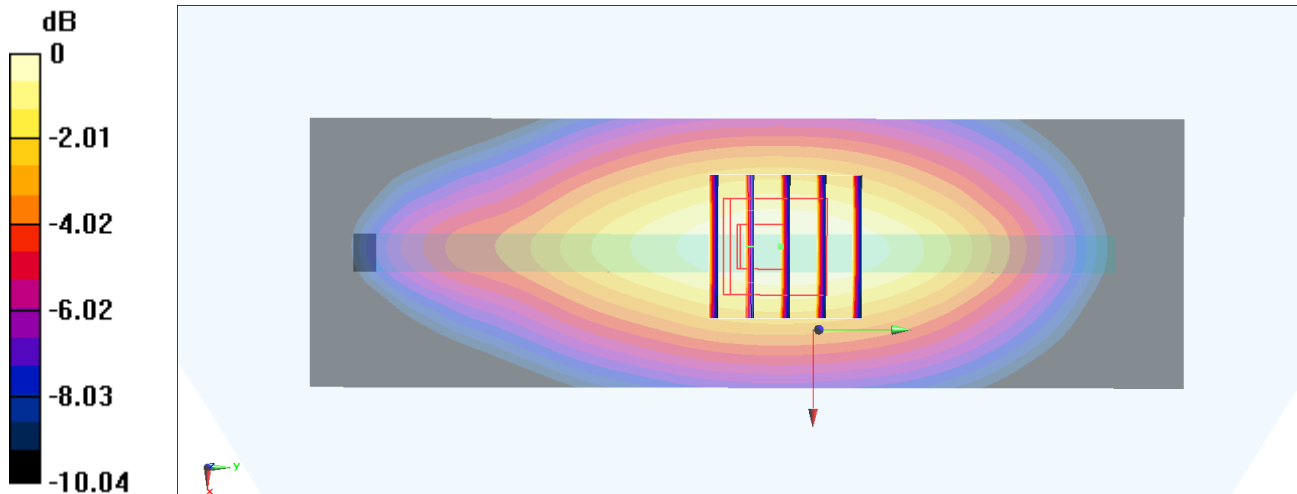
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.88 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.474 W/kg

**SAR(1 g) = 0.283 W/kg; SAR(10 g) = 0.192 W/kg**

Maximum value of SAR (measured) = 0.394 W/kg



0 dB = 0.394 W/kg = -4.05 dBW/kg

### #26\_LTE Band 25\_20M\_QPSK\_1\_0\_Bottom Side\_10mm\_Ch26590

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

Medium: HSL\_1900\_210313 Medium parameters used :  $f = 1905$  MHz;  $\sigma = 1.395$  S/m;  $\epsilon_r = 39.135$ ;

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

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.75, 7.75, 7.75) @ 1905 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2020/11/23
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

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

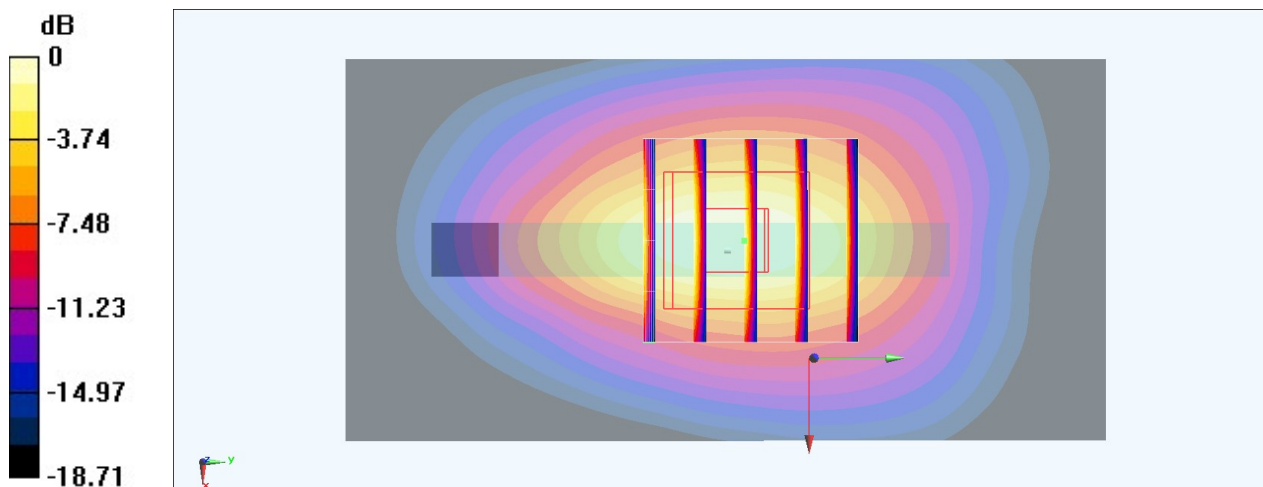
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.03 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.62 W/kg

**SAR(1 g) = 0.923 W/kg; SAR(10 g) = 0.480 W/kg**

Maximum value of SAR (measured) = 1.37 W/kg



0 dB = 1.37 W/kg = 1.37 dBW/kg

**#27\_LTE Band 26\_15M\_QPSK\_36\_20\_Left Side\_10mm\_Ch26865**

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

Medium: HSL\_850\_210305 Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.913$  S/m;  $\epsilon_r = 42.671$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.81, 9.81, 9.81) @ 831.5 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.358 W/kg

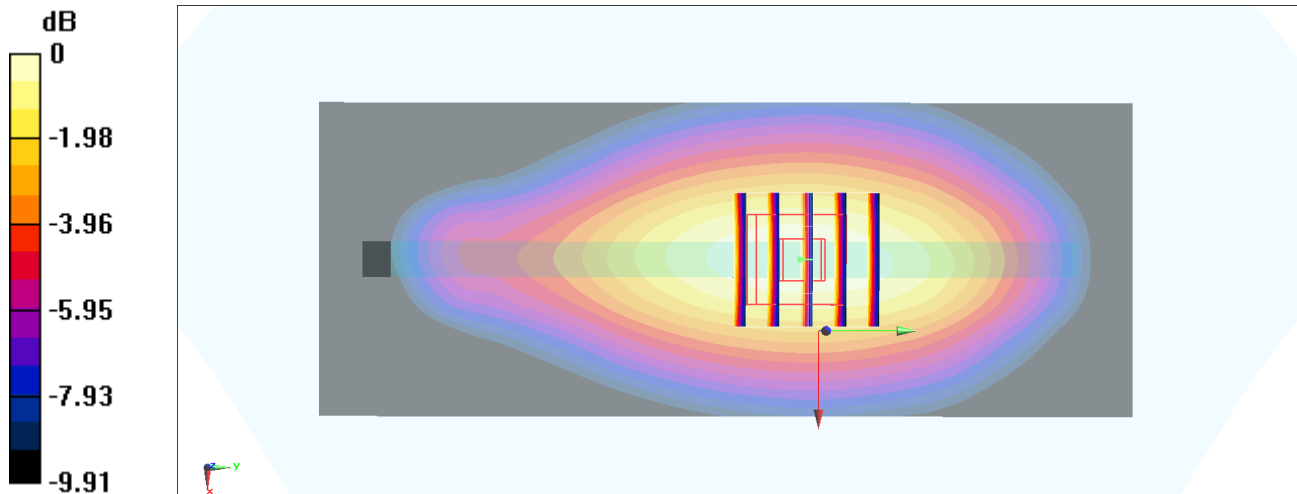
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.47 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.409 W/kg

**SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.189 W/kg**

Maximum value of SAR (measured) = 0.362 W/kg



### #28\_LTE Band 66\_20M\_QPSK\_100\_0\_Bottom Side\_10mm\_Ch132572

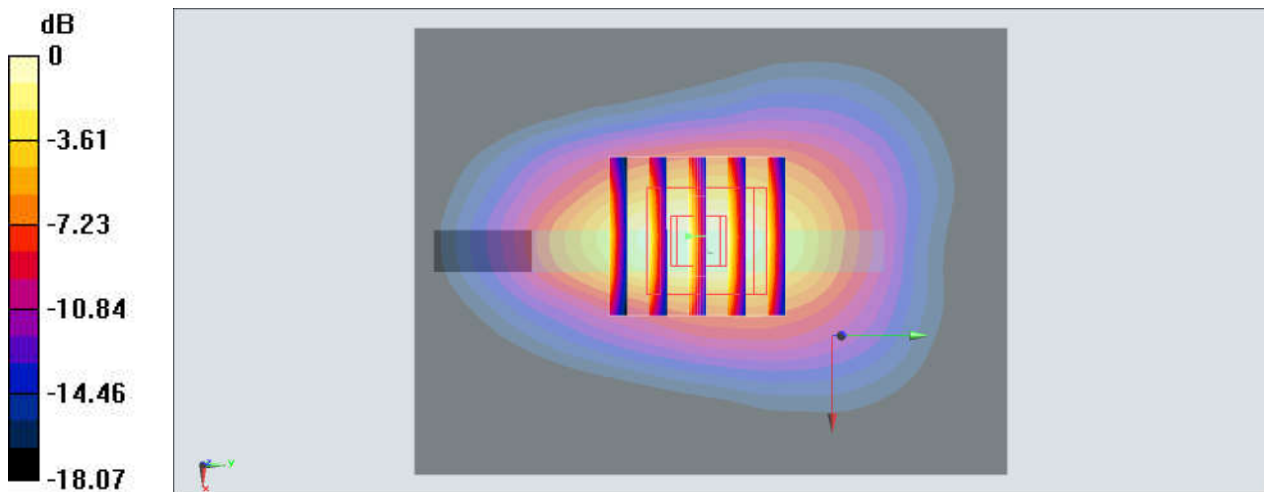
Communication System: LTE; Frequency: 1770 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_210310 Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.379$  S/m;  $\epsilon_r = 40.569$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3115; ConvF(5.24, 5.24, 5.24) @ 1770 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- Phantom: SAM\_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.15 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 15.05 V/m; Power Drift = -0.09 dB  
Peak SAR (extrapolated) = 1.50 W/kg  
**SAR(1 g) = 0.887 W/kg; SAR(10 g) = 0.469 W/kg**  
Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.11 W/kg = 0.45 dBW/kg

**#29\_LTE Band 41\_20M\_QPSK\_50\_24\_Back\_10mm\_Ch40620**

Communication System: LTE; Frequency: 2593 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600\_210308 Medium parameters used:  $f = 2593$  MHz;  $\sigma = 1.935$  S/m;  $\epsilon_r = 38.583$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.37, 7.37, 7.37) @ 2593 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.382 W/kg

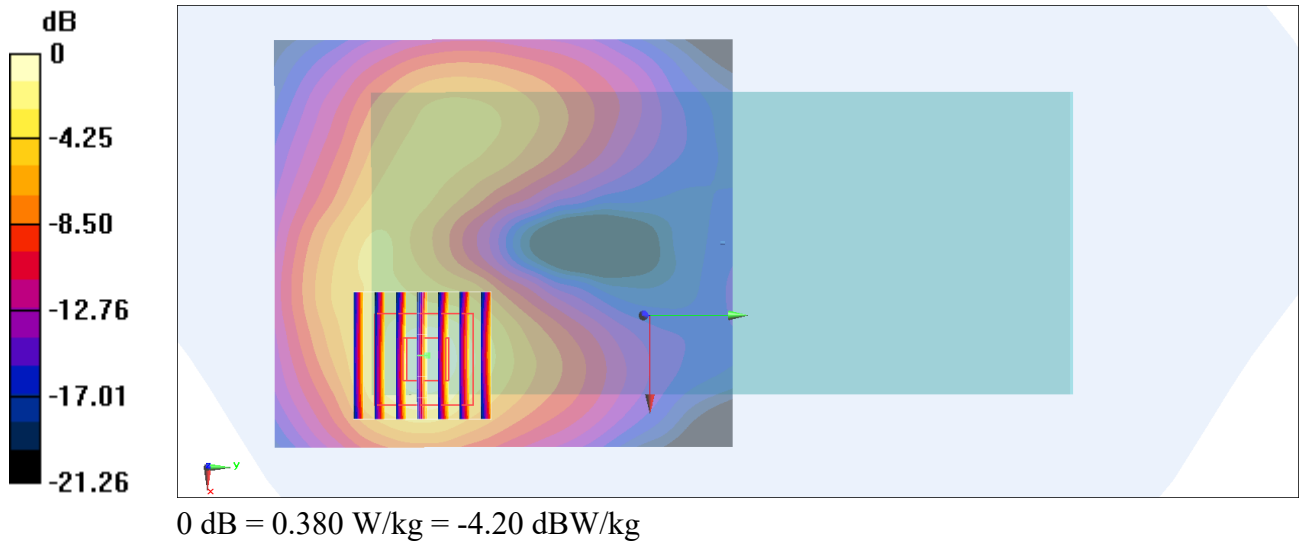
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.049 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.459 W/kg

**SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.112 W/kg**

Maximum value of SAR (measured) = 0.380 W/kg



### #30\_WLAN2.4GHz\_802.11b 1Mbps\_Left Side\_10mm\_Ch11;Chain 1

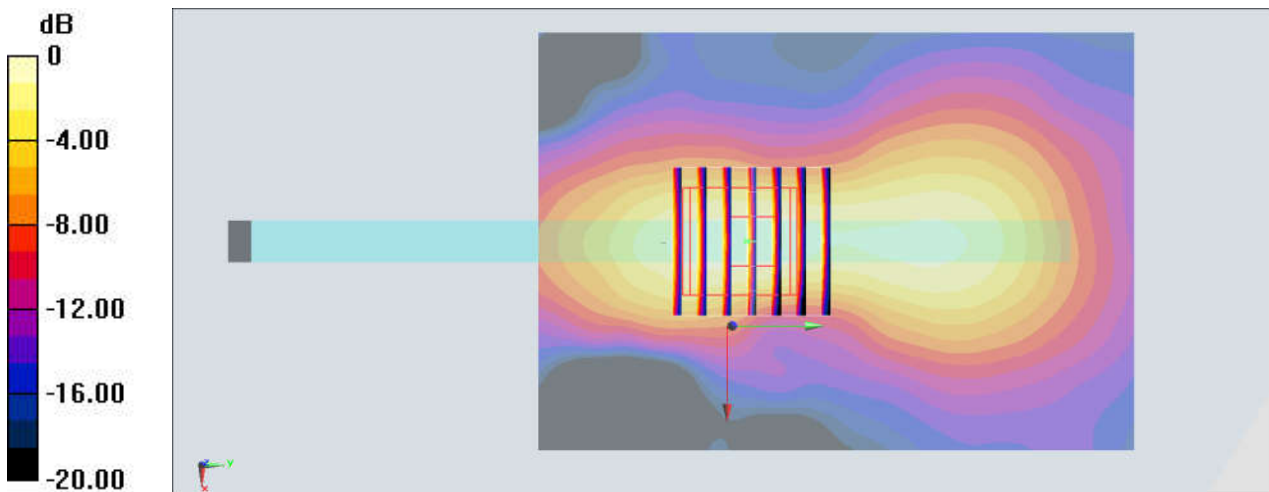
Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium: HSL\_2450\_210316 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.843$  S/m;  $\epsilon_r = 38.587$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3115; ConvF(4.47, 4.47, 4.47) @ 2462 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- Phantom: SAM\_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.0960 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 5.504 V/m; Power Drift = 0.08 dB  
Peak SAR (extrapolated) = 0.146 W/kg  
**SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.035 W/kg**  
Maximum value of SAR (measured) = 0.0965 W/kg



0 dB = 0.0965 W/kg = -10.15 dBW/kg

**#31\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Left Side\_10mm\_Ch42**

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

Medium: HSL\_5G\_210331 Medium parameters used :  $f = 5210$  MHz;  $\sigma = 4.753$  S/m;  $\epsilon_r = 36.596$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.43, 4.43, 4.43) @ 5210 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1647; Calibrated: 2021/1/7
- Phantom: SAM\_Left; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

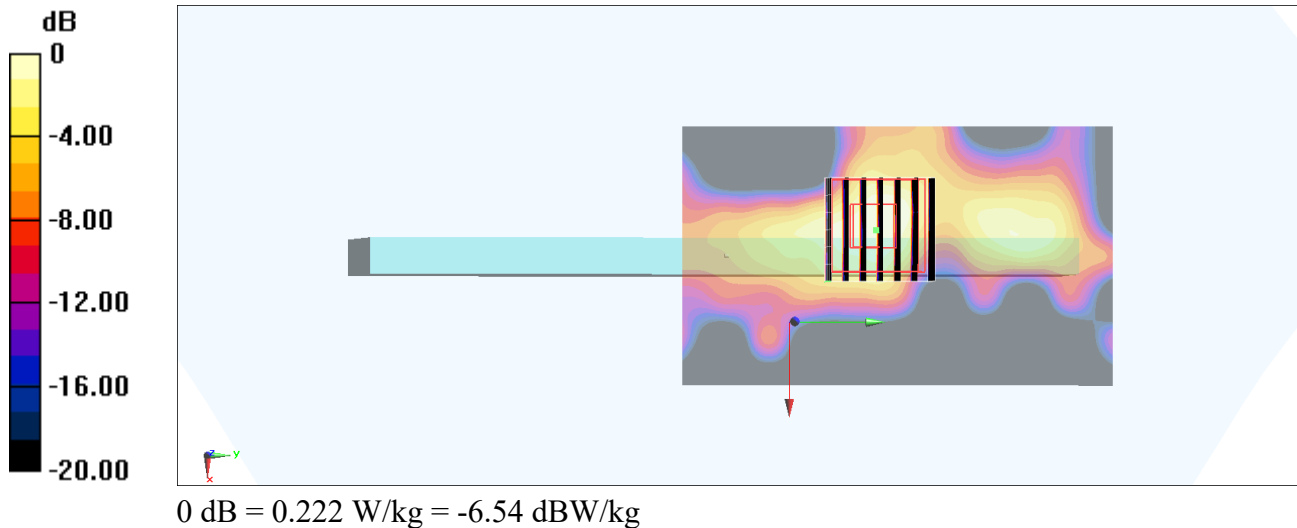
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.533 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.379 W/kg

**SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.026 W/kg**

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



**#32\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_10mm\_Ch155**

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

Medium: HSL\_5G\_210322 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.143$  S/m;  $\epsilon_r = 35.359$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.66, 4.66, 4.66) @ 5775 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2020/11/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (121x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.434 W/kg

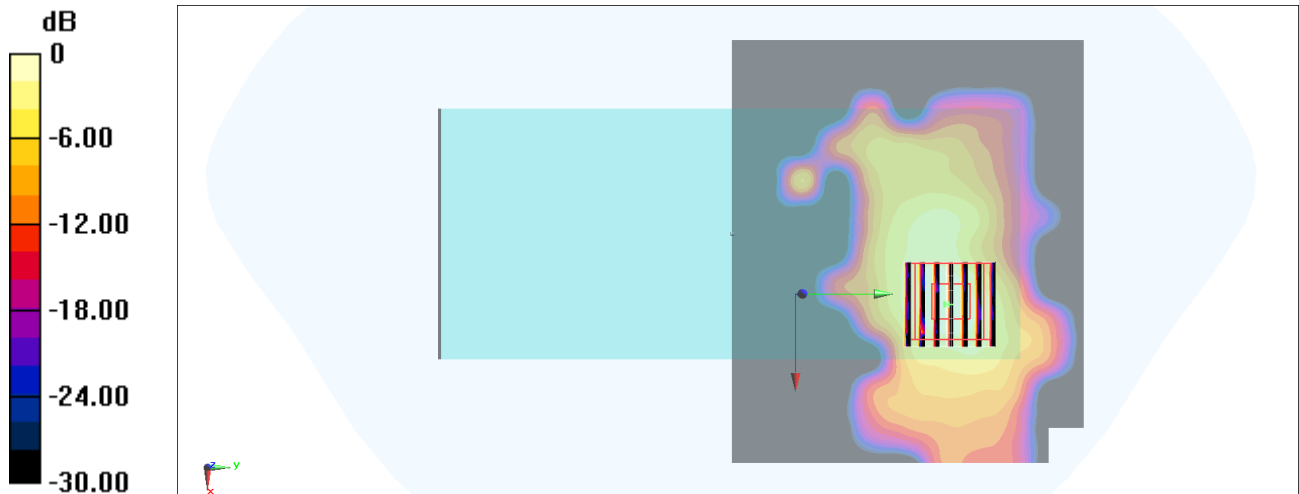
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.746 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.774 W/kg

**SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.063 W/kg**

Maximum value of SAR (measured) = 0.454 W/kg



0 dB = 0.454 W/kg = -3.43 dBW/kg



### #33\_Bluetooth\_1Mbps\_Back\_10mm\_Ch78;Chain 1

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.302

Medium: HSL\_2450\_210325 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.823$  S/m;  $\epsilon_r = 38.751$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.57, 7.57, 7.57) @ 2480 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2020/11/23
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0617 W/kg

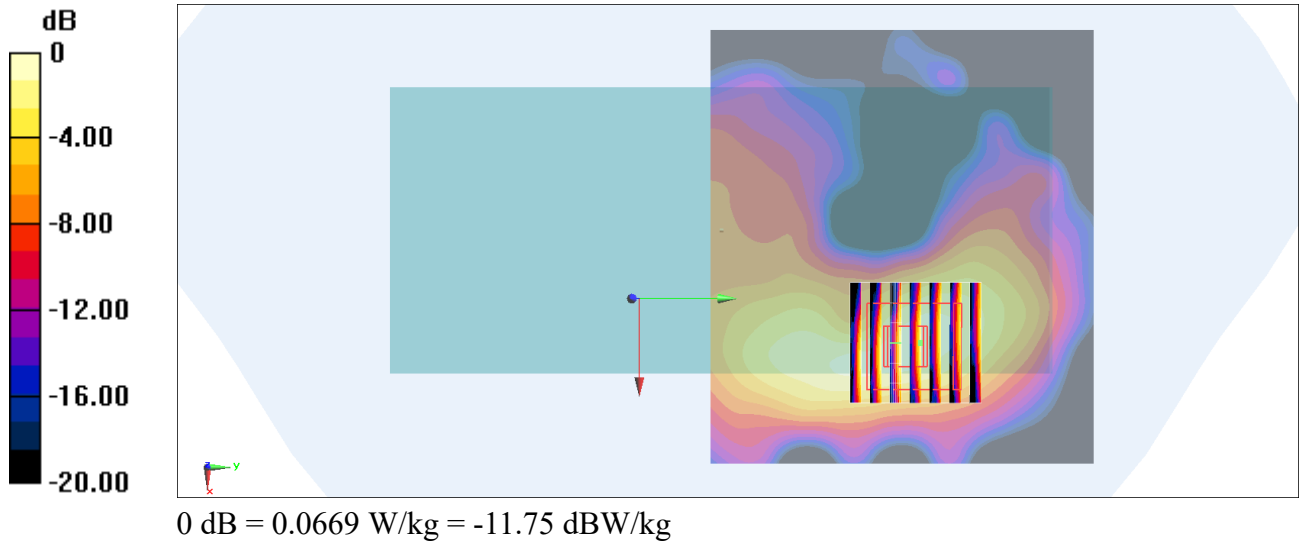
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.433 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.0820 W/kg

**SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.020 W/kg**

Maximum value of SAR (measured) = 0.0669 W/kg



### #34\_GSM850\_GPRS (4 Tx slots)\_Front\_10mm\_Ch189

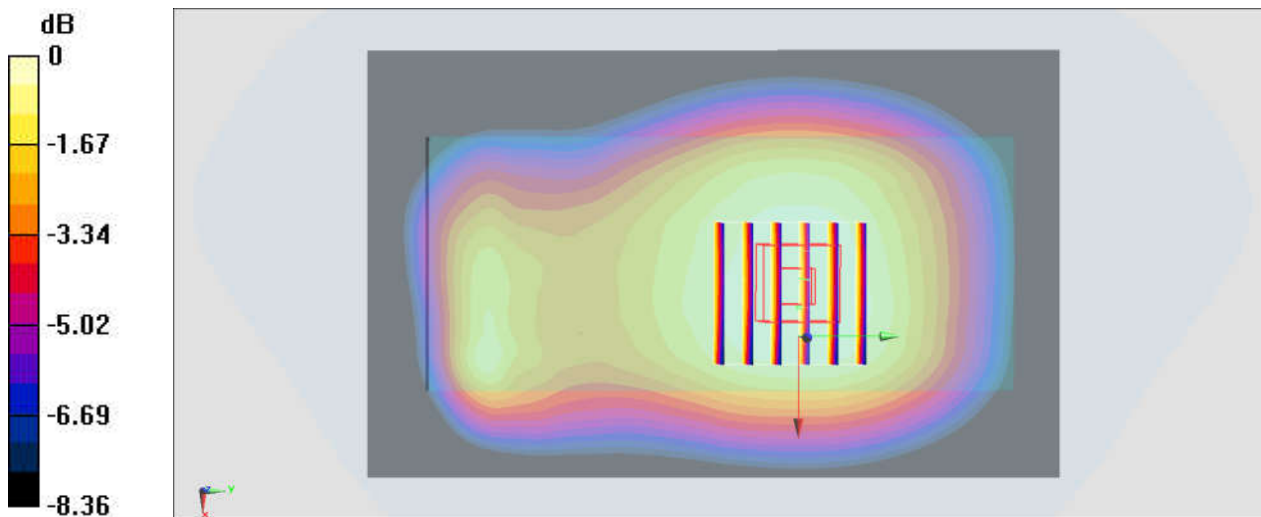
Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:2.08  
Medium: HSL\_850\_210304 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.892$  S/m;  $\epsilon_r = 41.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(10.63, 10.63, 10.63) @ 836.4 MHz; Calibrated: 2020/4/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2020/11/23
- Phantom: SAM\_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.173 W/kg

**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 14.95 V/m; Power Drift = -0.15 dB  
Peak SAR (extrapolated) = 0.176 W/kg  
**SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.112 W/kg**  
Maximum value of SAR (measured) = 0.167 W/kg



0 dB = 0.167 W/kg = -7.77 dBW/kg

### #35\_GSM1900\_GPRS(4Tx slots)\_Back\_10mm\_Ch661

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

Medium: HSL\_1900\_210309 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.432$  S/m;  $\epsilon_r = 40.177$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.15, 8.15, 8.15) @ 1880 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.470 W/kg

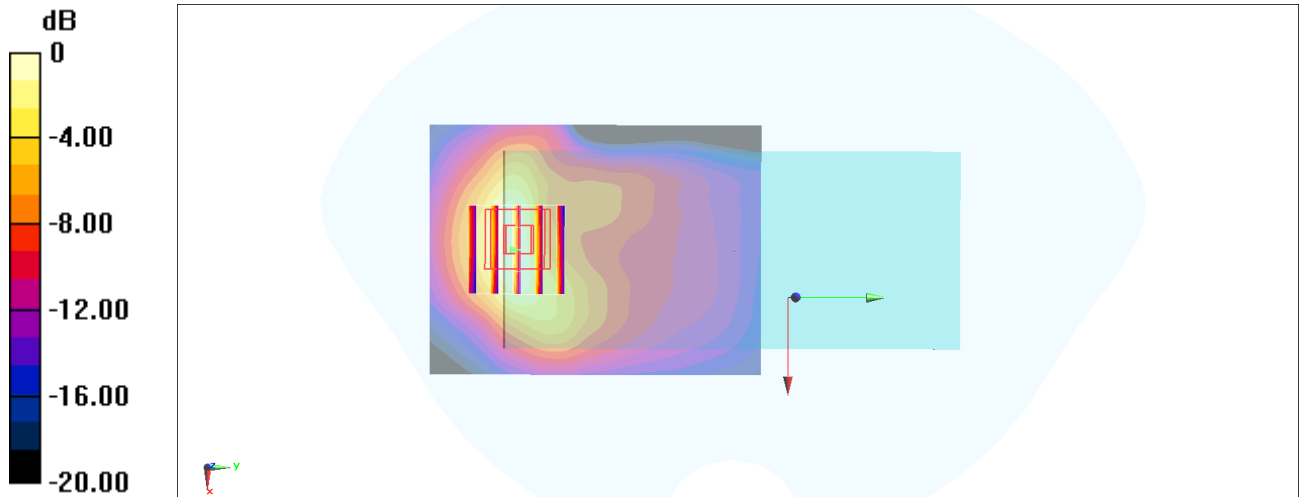
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.88 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.512 W/kg

**SAR(1 g) = 0.319 W/kg; SAR(10 g) = 0.176 W/kg**

Maximum value of SAR (measured) = 0.437 W/kg



0 dB = 0.437 W/kg = -3.60 dBW/kg

## #36\_WCDMA II\_RMC 12.2Kbps\_Back\_10mm\_Ch9262

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

Medium: HSL\_1900\_210309 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.404$  S/m;  $\epsilon_r = 40.261$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.15, 8.15, 8.15) @ 1852.4 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.740 W/kg

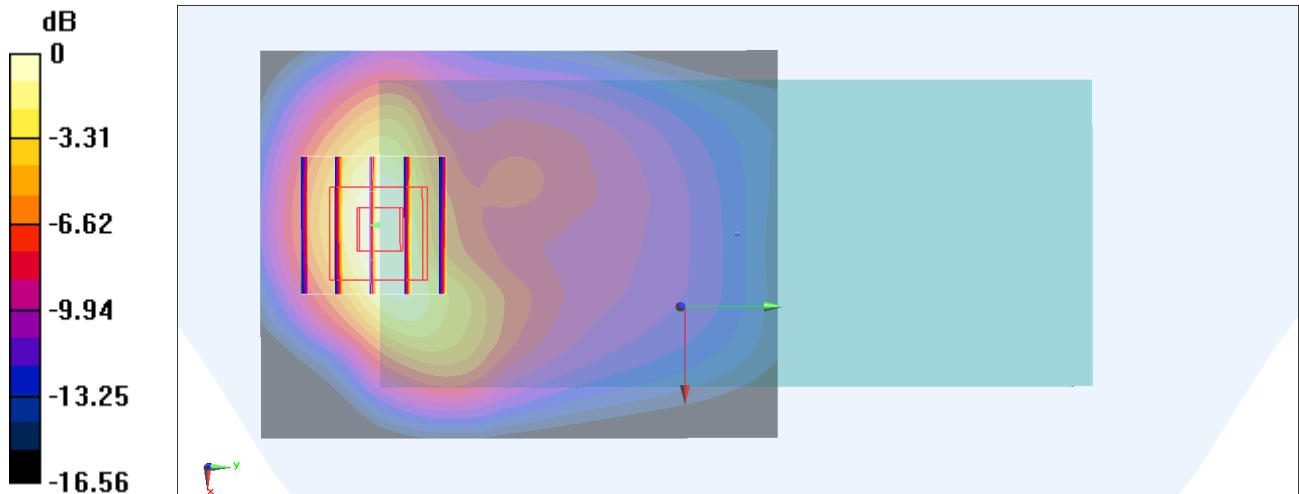
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.49 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.835 W/kg

**SAR(1 g) = 0.521 W/kg; SAR(10 g) = 0.291 W/kg**

Maximum value of SAR (measured) = 0.732 W/kg



0 dB = 0.732 W/kg = -1.35 dBW/kg

**#37\_WCDMA IV\_RMC 12.2Kbps\_Back\_10mm\_Ch1513**

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

Medium: HSL\_1750\_210310 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.364$  S/m;  $\epsilon_r = 40.62$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3115; ConvF(5.24, 5.24, 5.24) @ 1752.6 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- Phantom: SAM\_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.502 W/kg

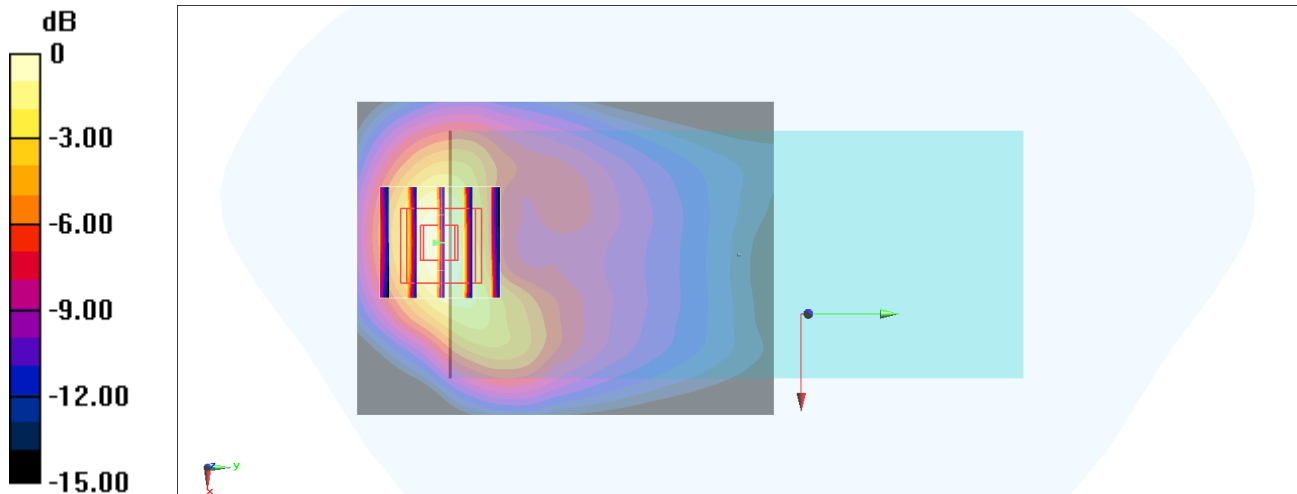
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.07 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.699 W/kg

**SAR(1 g) = 0.433 W/kg; SAR(10 g) = 0.240 W/kg**

Maximum value of SAR (measured) = 0.529 W/kg



0 dB = 0.529 W/kg = -2.77 dBW/kg

**#38\_WCDMA V\_RMC 12.2Kbps\_Back\_10mm\_Ch4233**

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

Medium: HSL\_850\_210305 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.93$  S/m;  $\epsilon_r = 42.671$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.81, 9.81, 9.81) @ 846.6 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.249 W/kg

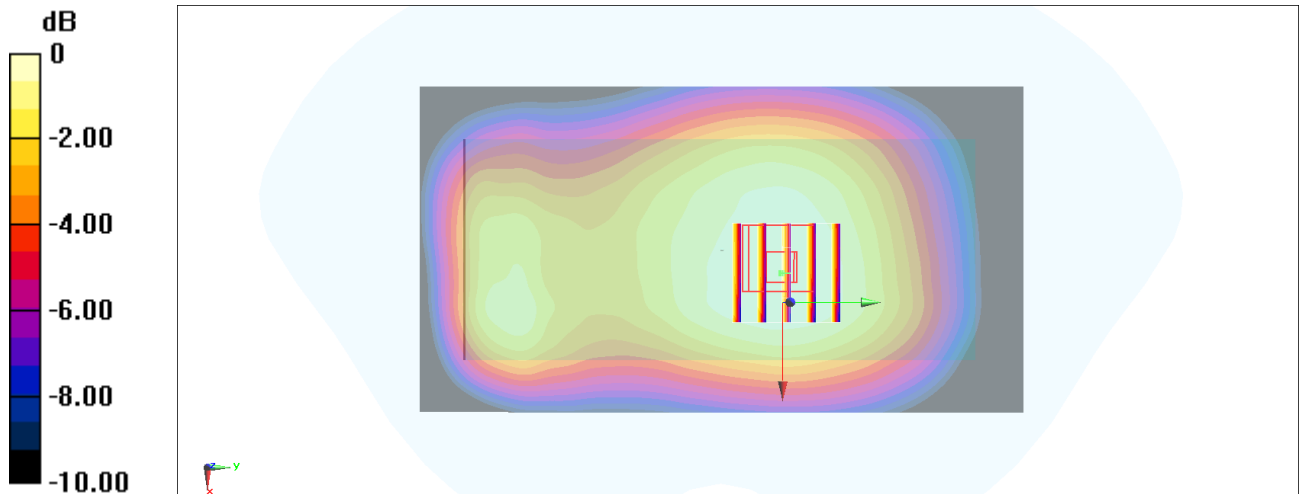
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.52 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.268 W/kg

**SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.158 W/kg**

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



**#39\_LTE Band 7\_20M\_QPSK\_50\_24\_Back\_10mm\_Ch21350**

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

Medium: HSL\_2600\_210308 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.9$  S/m;  $\epsilon_r = 38.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.37, 7.37, 7.37) @ 2560 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.813 W/kg

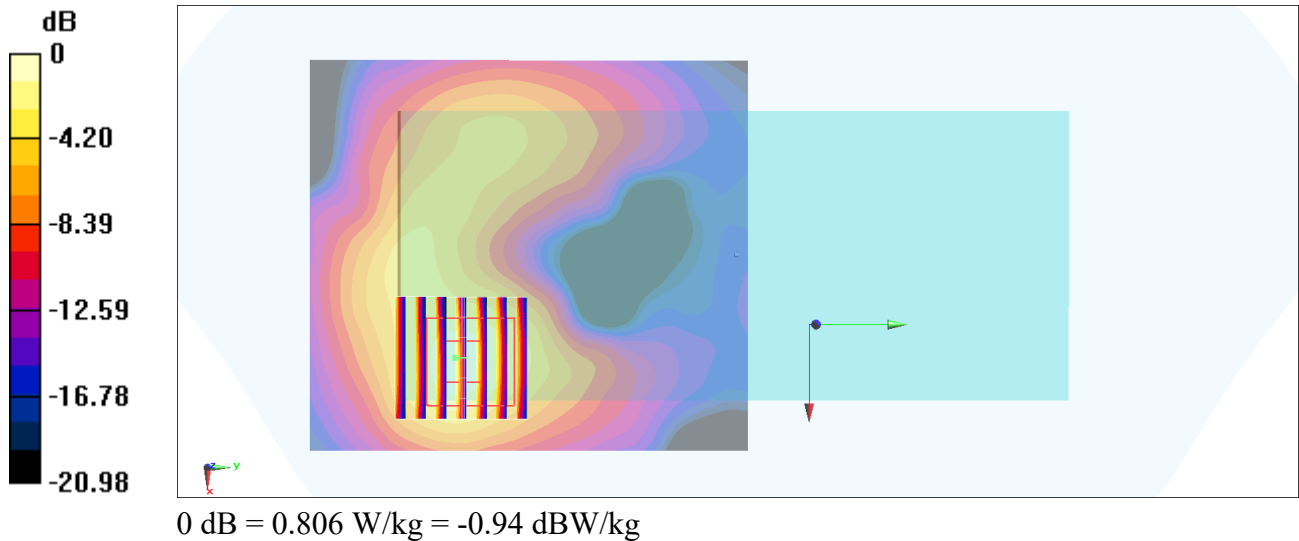
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.19 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.978 W/kg

**SAR(1 g) = 0.504 W/kg; SAR(10 g) = 0.244 W/kg**

Maximum value of SAR (measured) = 0.806 W/kg



**#40\_LTE Band 12\_10M\_QPSK\_25\_25\_Back\_10mm\_Ch23095**

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

Medium: HSL\_750\_210306 Medium parameters used :  $f = 707.5$  MHz;  $\sigma = 0.887$  S/m;  $\epsilon_r = 44.004$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.19, 10.19, 10.19) @ 707.5 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

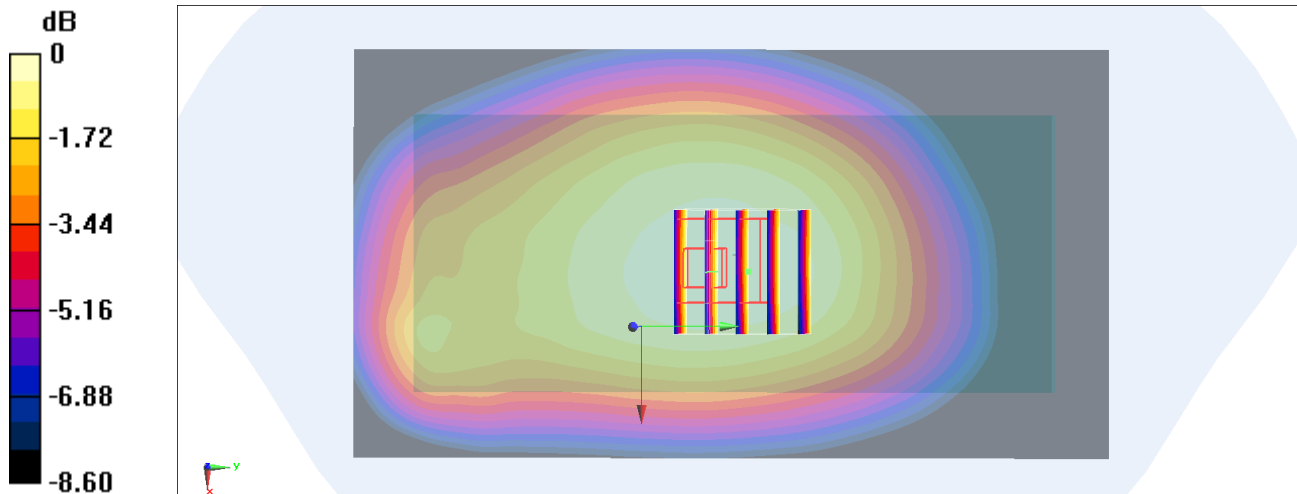
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.66 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.327 W/kg

**SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.175 W/kg**

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



0 dB = 0.286 W/kg = -5.44 dBW/kg



**#41\_LTE Band 13\_10M\_QPSK\_25\_25\_Back\_10mm\_Ch23230**

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

Medium: HSL\_750\_210306 Medium parameters used:  $f = 782$  MHz;  $\sigma = 0.912$  S/m;  $\epsilon_r = 43.529$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.19, 10.19, 10.19) @ 782 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.259 W/kg

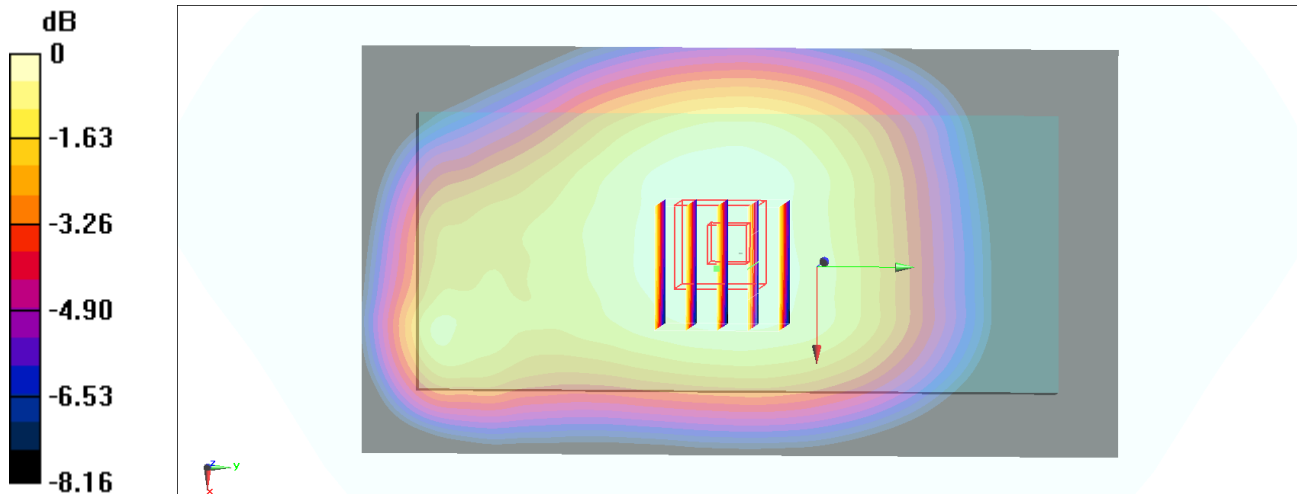
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.60 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.287 W/kg

**SAR(1 g) = 0.222 W/kg; SAR(10 g) = 0.172 W/kg**

Maximum value of SAR (measured) = 0.263 W/kg



### #42\_LTE Band 25\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch26140

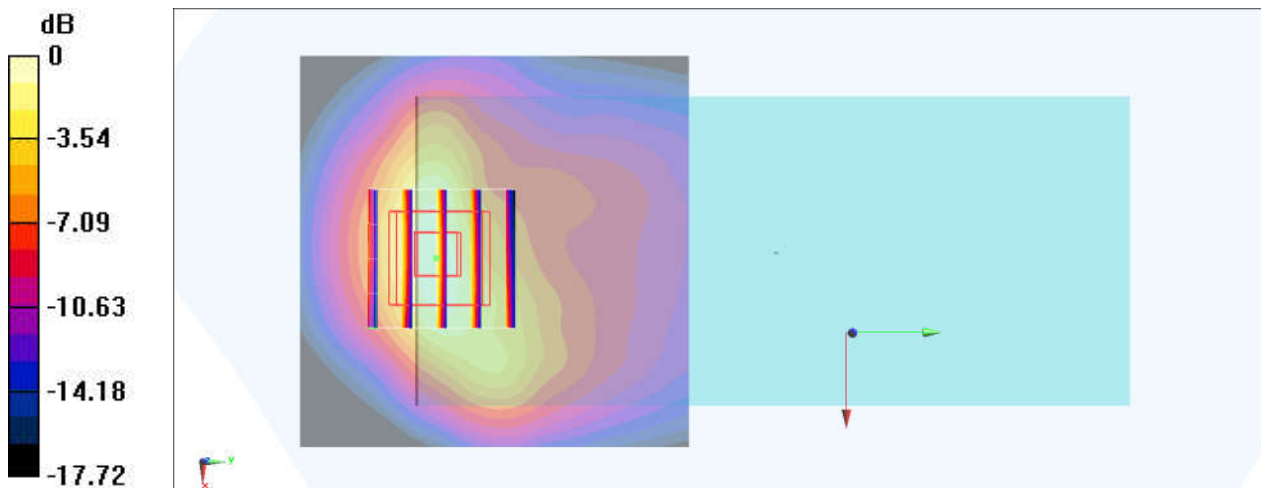
Communication System: LTE; Frequency: 1860 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_210313 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.372$  S/m;  $\epsilon_r = 39.22$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.1 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.75, 7.75, 7.75) @ 1860 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2020/11/23
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.941 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 21.96 V/m; Power Drift = -0.12 dB  
Peak SAR (extrapolated) = 1.09 W/kg  
**SAR(1 g) = 0.652 W/kg; SAR(10 g) = 0.354 W/kg**  
Maximum value of SAR (measured) = 0.950 W/kg



0 dB = 0.950 W/kg = -0.22 dBW/kg

**#43\_LTE Band 26\_15M\_QPSK\_36\_20\_Back\_10mm\_Ch26865**

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

Medium: HSL\_850\_210305 Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.913$  S/m;  $\epsilon_r = 42.671$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.81, 9.81, 9.81) @ 831.5 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.266 W/kg

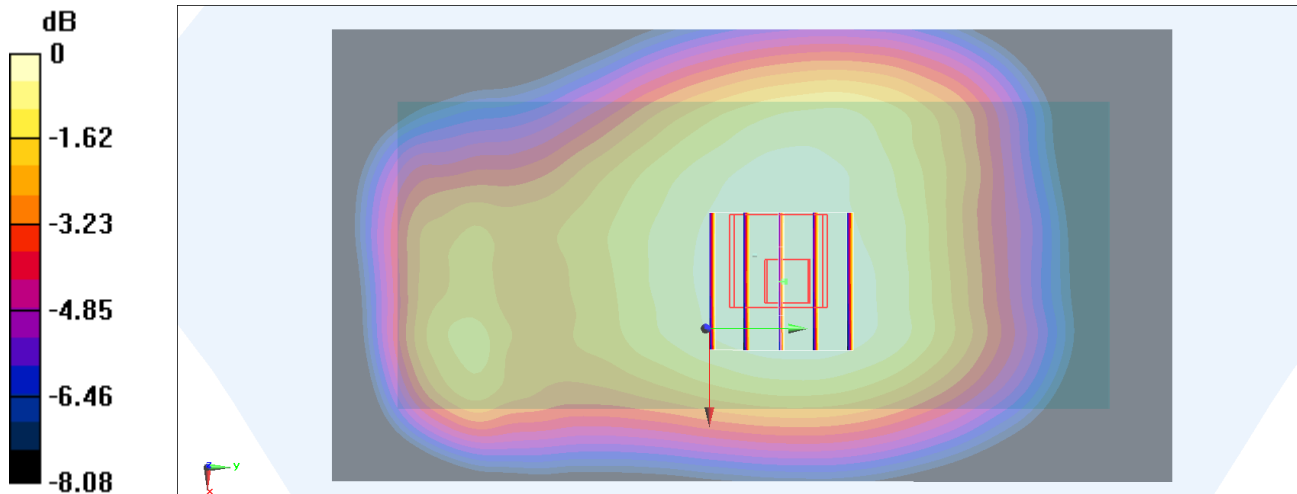
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.30 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.283 W/kg

**SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.173 W/kg**

Maximum value of SAR (measured) = 0.266 W/kg



0 dB = 0.266 W/kg = -5.75 dBW/kg

### #44\_LTE Band 66\_20M\_QPSK\_50\_24\_Back\_10mm\_Ch132572

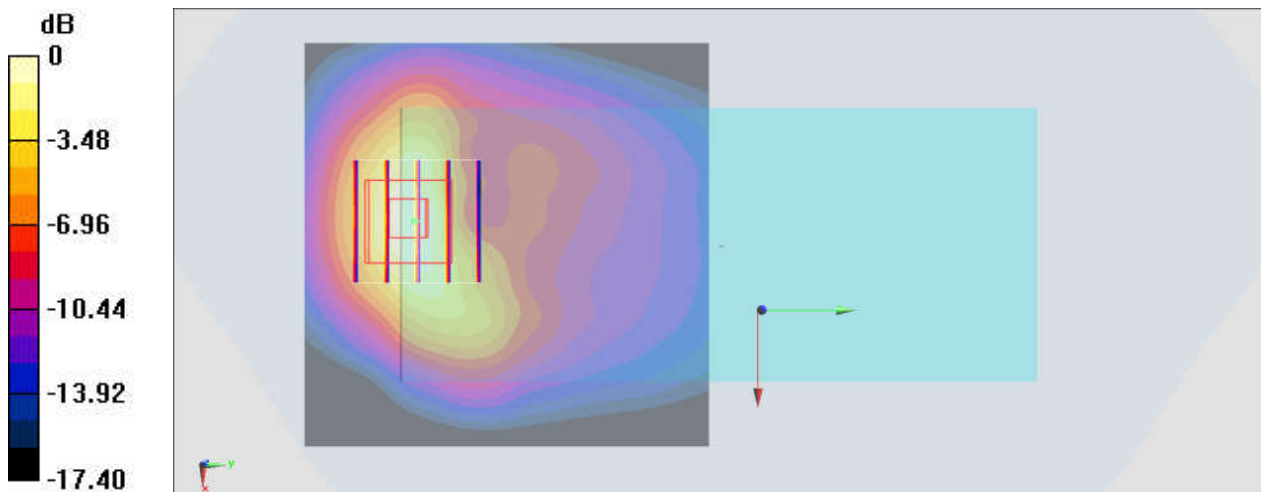
Communication System: LTE; Frequency: 1770 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_210310 Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.379$  S/m;  $\epsilon_r = 40.569$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3115; ConvF(5.24, 5.24, 5.24) @ 1770 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- Phantom: SAM\_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.701 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 15.70 V/m; Power Drift = -0.11 dB  
Peak SAR (extrapolated) = 0.965 W/kg  
**SAR(1 g) = 0.583 W/kg; SAR(10 g) = 0.318 W/kg**  
Maximum value of SAR (measured) = 0.718 W/kg



0 dB = 0.718 W/kg = -1.44 dBW/kg

**#45\_LTE Band 41\_20M\_QPSK\_50\_24\_Back\_10mm\_Ch40620**

Communication System: LTE; Frequency: 2593 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600\_210308 Medium parameters used:  $f = 2593$  MHz;  $\sigma = 1.935$  S/m;  $\epsilon_r = 38.583$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.37, 7.37, 7.37) @ 2593 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.382 W/kg

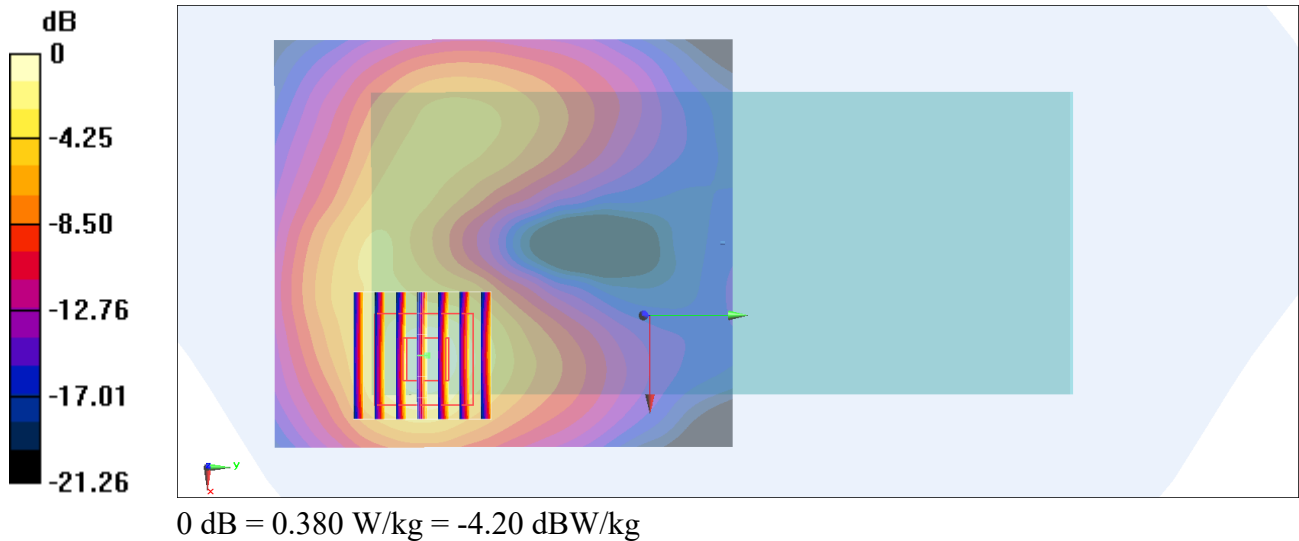
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.049 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.459 W/kg

**SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.112 W/kg**

Maximum value of SAR (measured) = 0.380 W/kg



**#46\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_10mm\_Ch11;Chain 1**

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

Medium: HSL\_2450\_210316 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.843$  S/m;  $\epsilon_r = 38.587$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3115; ConvF(4.47, 4.47, 4.47) @ 2462 MHz; Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2020/7/21
- Phantom: SAM\_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0845 W/kg

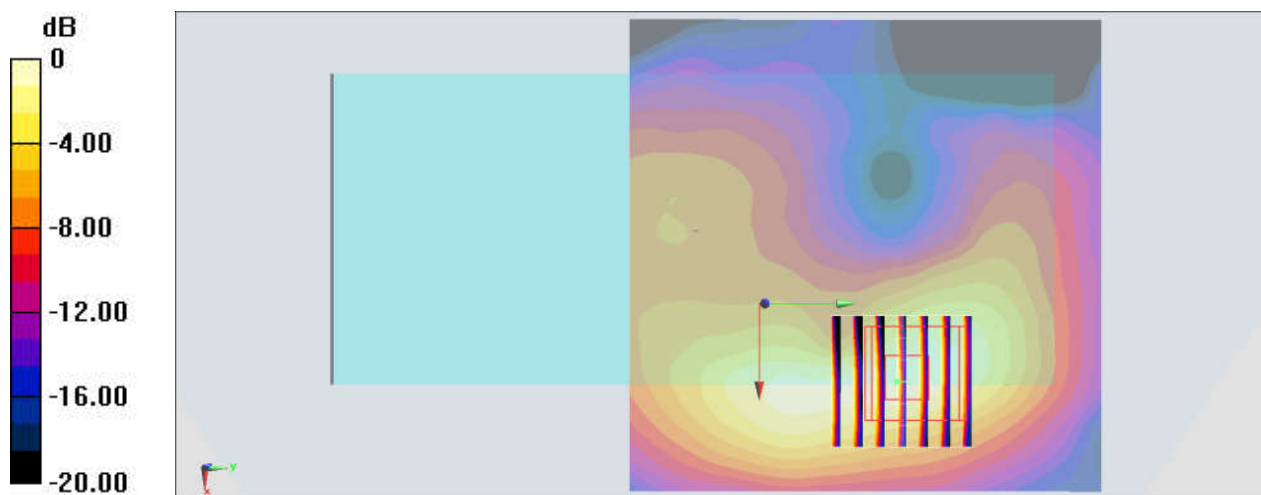
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.582 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.132 W/kg

**SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.034 W/kg**

Maximum value of SAR (measured) = 0.0887 W/kg



0 dB = 0.0887 W/kg = -10.52 dBW/kg

## #47\_WLAN5GHz\_802.11ac-VHT160 MCS0\_Back\_10mm\_Ch50;Chain 0

Communication System: 802.11ac ; Frequency: 5250 MHz;Duty Cycle: 1:1.004

Medium: HSL\_5G\_210318 Medium parameters used :  $f = 5250$  MHz;  $\sigma = 4.569$  S/m;  $\epsilon_r = 36.077$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(5.07, 5.07, 5.07) @ 5250 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.142 W/kg

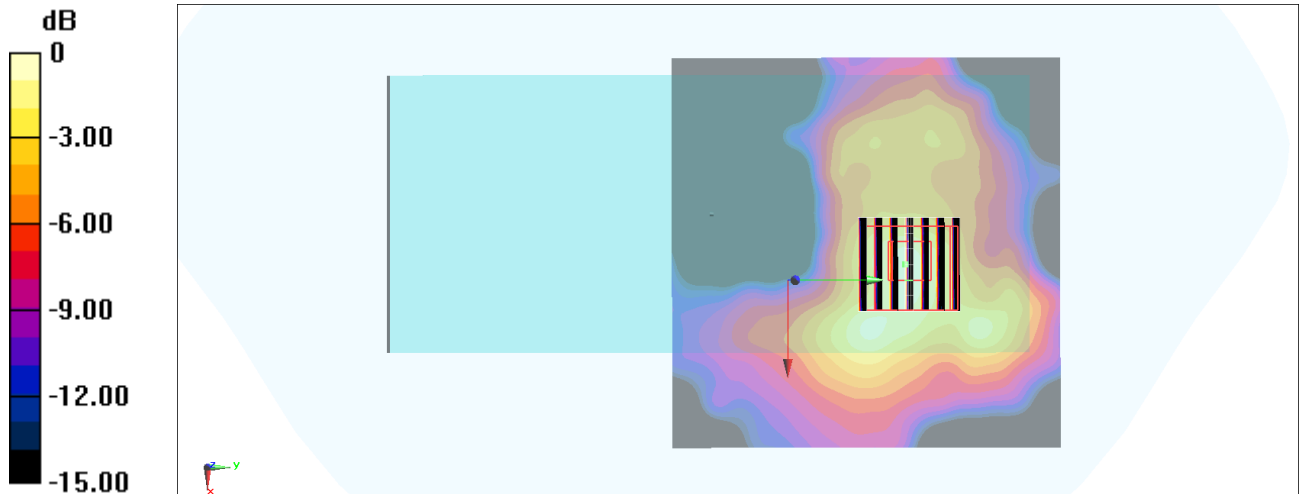
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.680 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.237 W/kg

**SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.024 W/kg**

Maximum value of SAR (measured) = 0.158 W/kg



0 dB = 0.158 W/kg = -8.01 dBW/kg

**#48\_WLAN5GHz\_802.11ac-VHT160 MCS0\_Back\_10mm\_Ch114;Chain 0**

Communication System: 802.11ac ; Frequency: 5570 MHz;Duty Cycle: 1:1.004

Medium: HSL\_5G\_210319 Medium parameters used :  $f = 5570$  MHz;  $\sigma = 5.058$  S/m;  $\epsilon_r = 36.048$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.36, 4.36, 4.36) @ 5570 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (121x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.336 W/kg

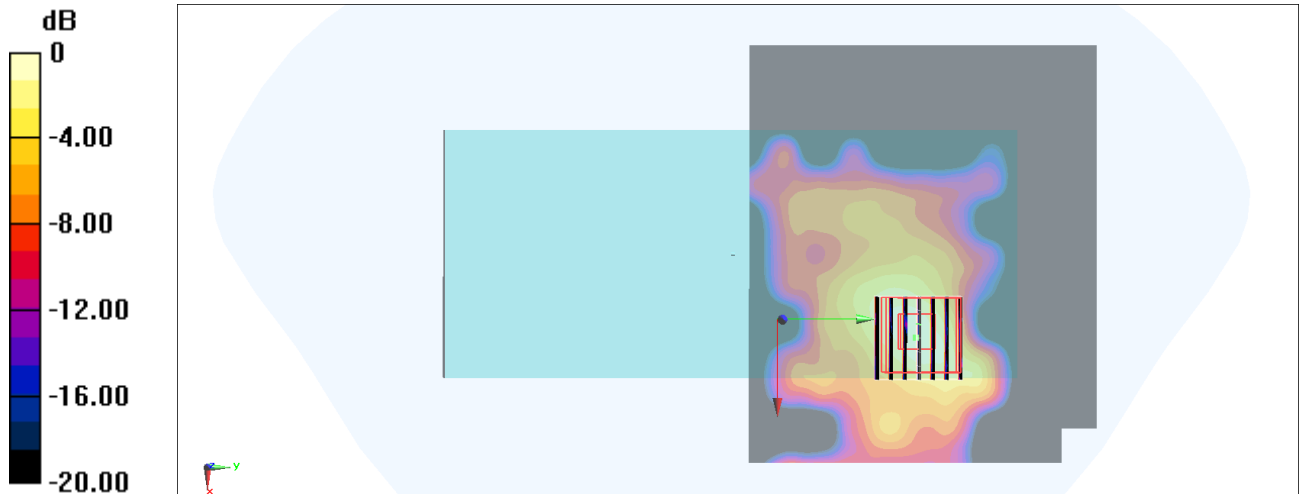
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.9010 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.041 W/kg**

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



0 dB = 0.352 W/kg = -4.53 dBW/kg



**#49\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_10mm\_Ch155;Chain 0**

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

Medium: HSL\_5G\_210322 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.143$  S/m;  $\epsilon_r = 35.359$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.66, 4.66, 4.66) @ 5775 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2020/11/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (121x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.434 W/kg

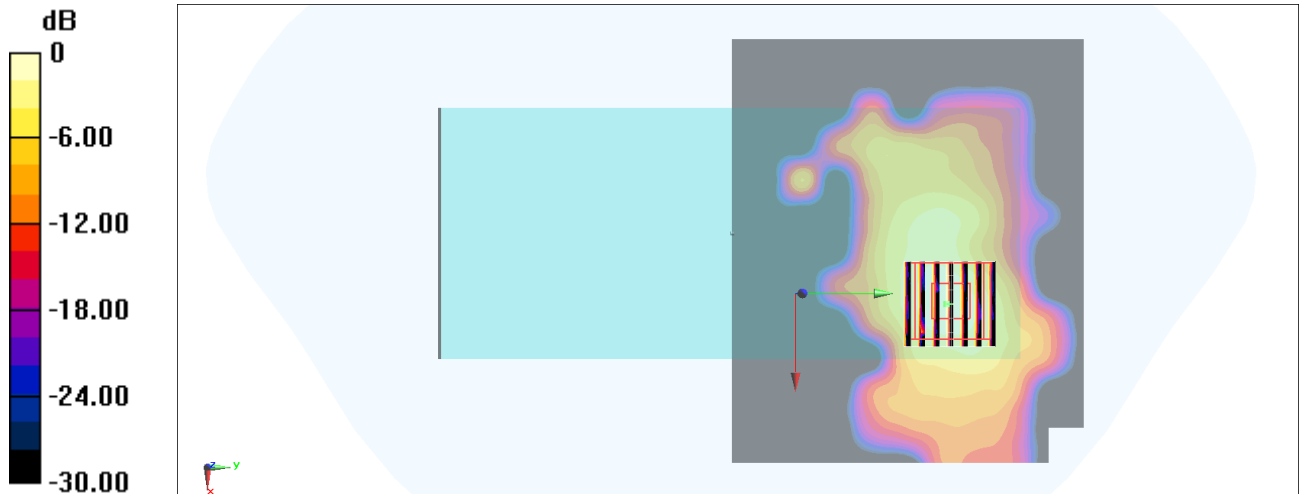
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.746 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.774 W/kg

**SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.063 W/kg**

Maximum value of SAR (measured) = 0.454 W/kg



0 dB = 0.454 W/kg = -3.43 dBW/kg

## #50\_Bluetooth\_1Mbps\_Back\_10mm\_Ch78;Chain 1

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.302

Medium: HSL\_2450\_210325 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.823$  S/m;  $\epsilon_r = 38.751$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.57, 7.57, 7.57) @ 2480 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2020/11/23
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0617 W/kg

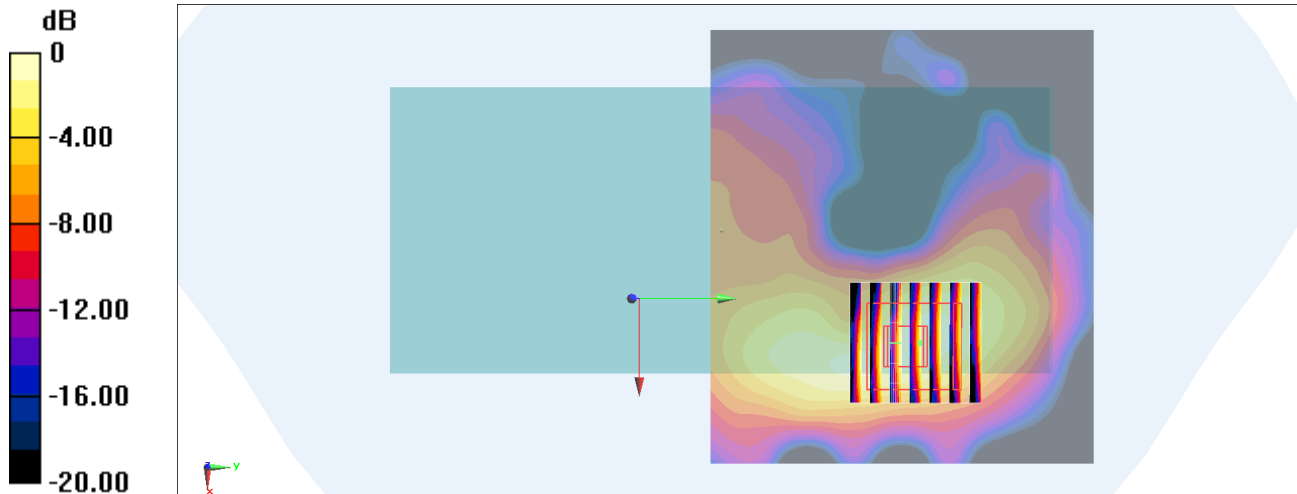
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.433 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.0820 W/kg

**SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.020 W/kg**

Maximum value of SAR (measured) = 0.0669 W/kg



0 dB = 0.0669 W/kg = -11.75 dBW/kg

**#51\_WLAN5GHz\_802.11ac-VHT160 MCS0\_Back\_0mm\_Ch50;Chain 0**

Communication System: 802.11ac ; Frequency: 5250 MHz;Duty Cycle: 1:1.004

Medium: HSL\_5G\_210318 Medium parameters used :  $f = 5250$  MHz;  $\sigma = 4.569$  S/m;  $\epsilon_r = 36.077$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(5.07, 5.07, 5.07) @ 5250 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 3.63 W/kg

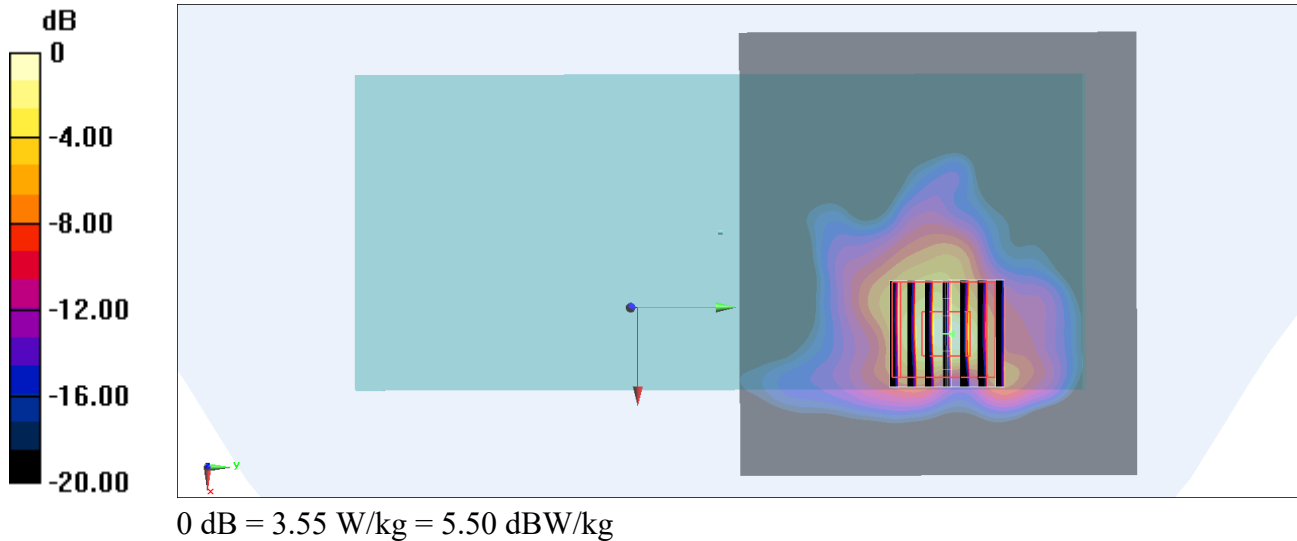
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.916 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 7.74 W/kg

**SAR(1 g) = 1.36 W/kg; SAR(10 g) = 0.379 W/kg**

Maximum value of SAR (measured) = 3.55 W/kg



**#52\_WLAN5GHz\_802.11ac-VHT160 MCS0\_Back\_0mm\_Ch114;Chain 0**

Communication System: 802.11ac ; Frequency: 5570 MHz;Duty Cycle: 1:1.004

Medium: HSL\_5G\_210319 Medium parameters used :  $f = 5570$  MHz;  $\sigma = 5.058$  S/m;  $\epsilon_r = 36.048$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.36, 4.36, 4.36) @ 5570 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (121x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 3.84 W/kg

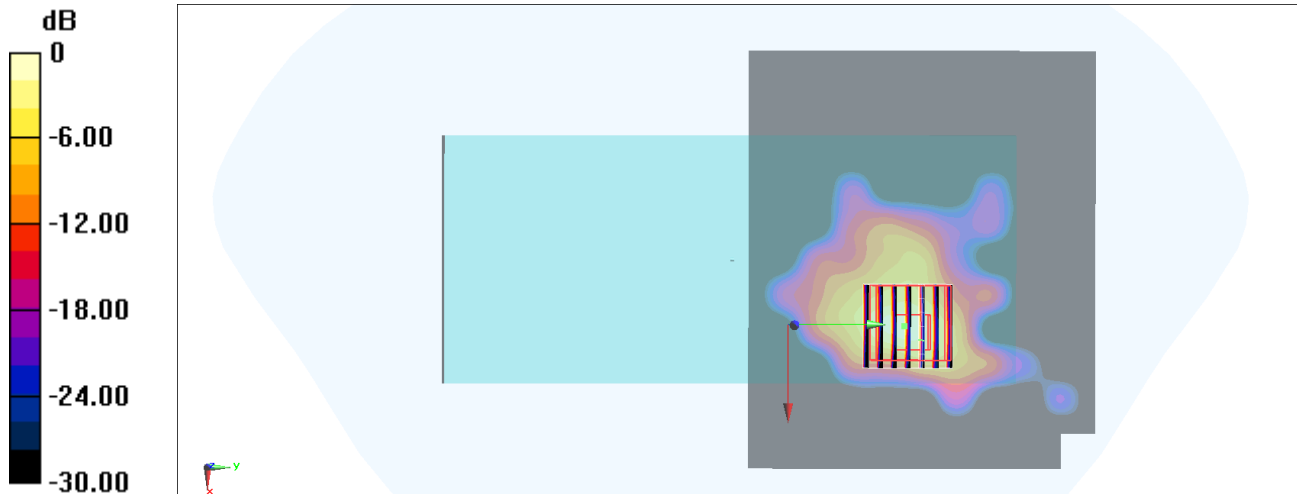
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.22 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 8.81 W/kg

**SAR(1 g) = 1.68 W/kg; SAR(10 g) = 0.472 W/kg**

Maximum value of SAR (measured) = 4.45 W/kg



## #53\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_0mm\_Ch155;Chain 1

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

Medium: HSL\_5G\_210324 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.313$  S/m;  $\epsilon_r = 35.861$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.66, 4.66, 4.66) @ 5775 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2020/11/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (111x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 10.9 W/kg

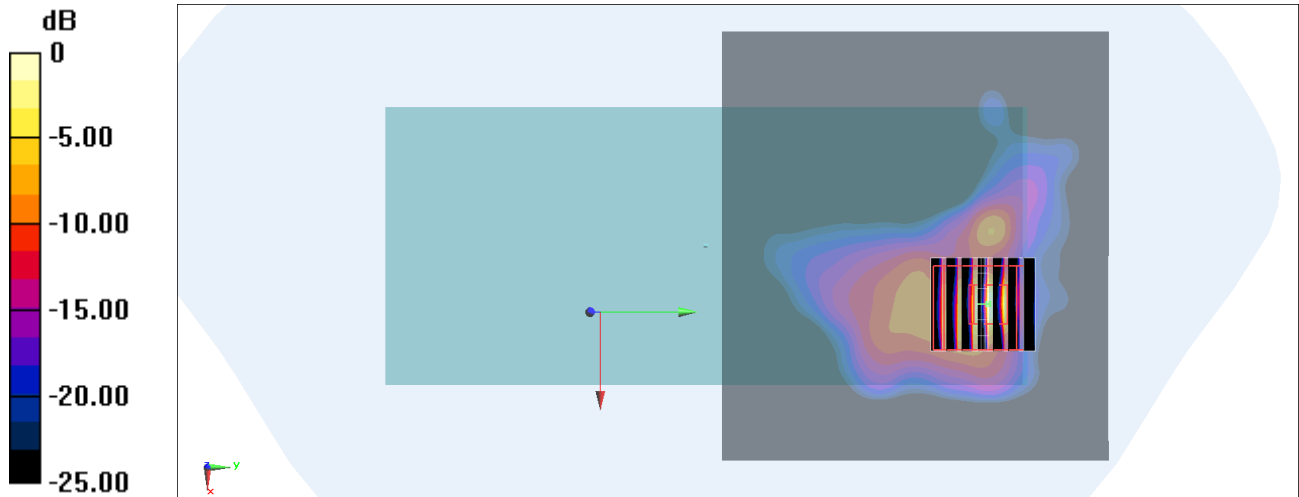
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.35 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 23.5 W/kg

**SAR(1 g) = 2.28 W/kg; SAR(10 g) = 0.398 W/kg**

Maximum value of SAR (measured) = 8.30 W/kg



0 dB = 8.30 W/kg = 9.19 dBW/kg