

**#38\_GSM850\_GPRS (4 Tx slots)\_Back\_10mm\_Ch128**

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

Medium: HSL\_850\_190502 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.894$  S/m;  $\epsilon_r = 43.108$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.39, 6.39, 6.39) @ 824.2 MHz; Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 0.719 W/kg

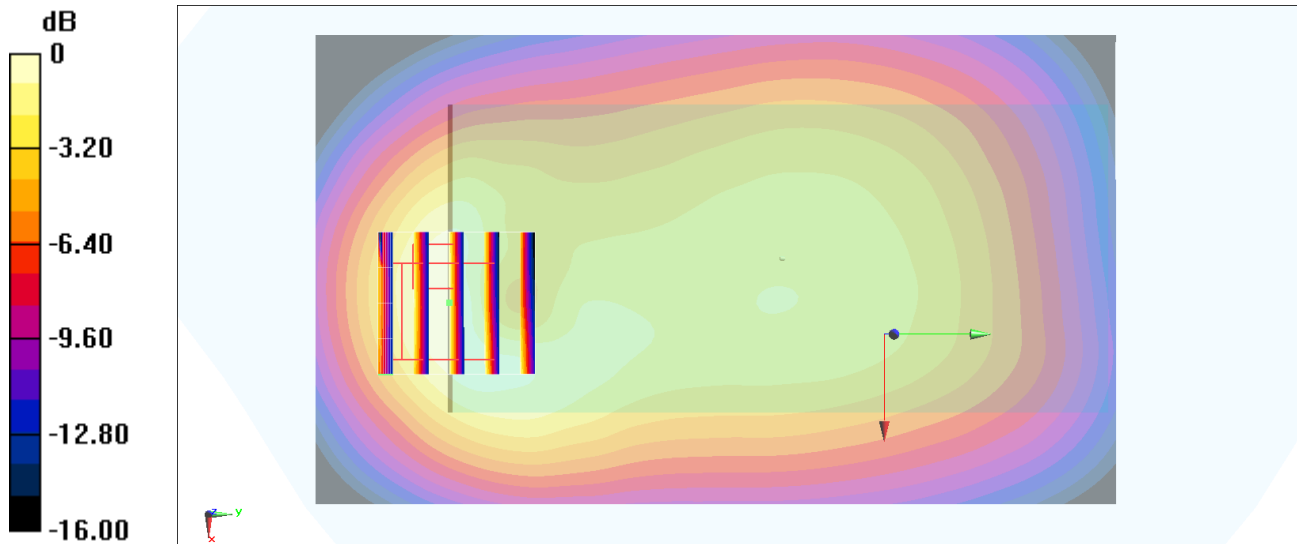
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.58 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.51 W/kg

**SAR(1 g) = 0.604 W/kg; SAR(10 g) = 0.336 W/kg**

Maximum value of SAR (measured) = 0.744 W/kg



### #39\_GSM1900\_GPRS (4 Tx slots)\_Front\_10mm\_Ch661

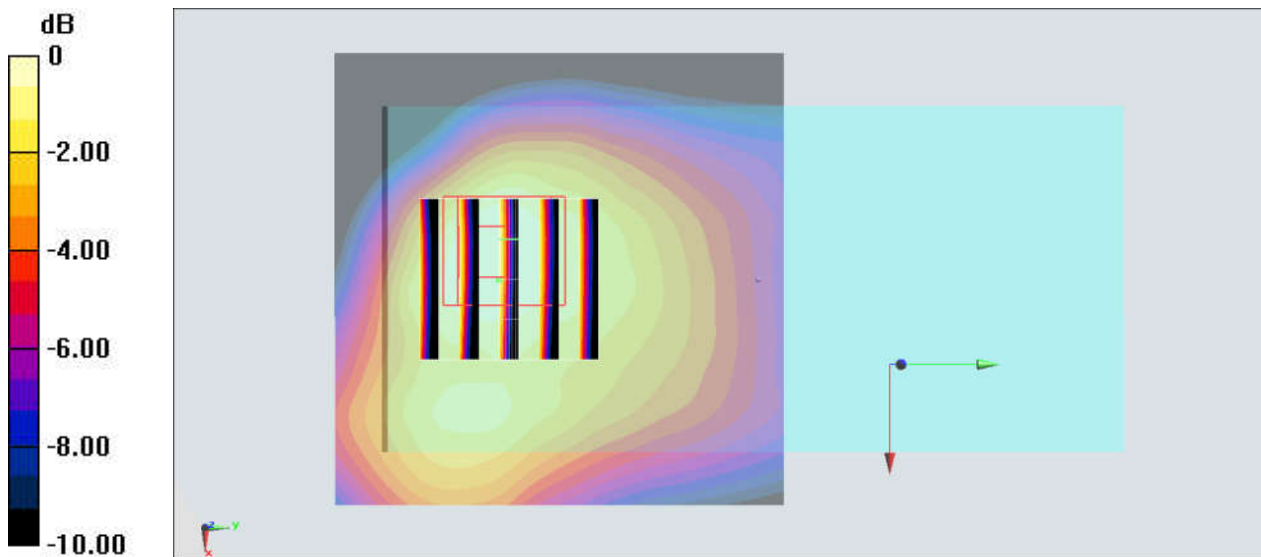
Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2.08  
Medium: HSL\_1900\_190502 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.415$  S/m;  $\epsilon_r = 41.096$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.27, 5.27, 5.27) @ 1880 MHz; Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- 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) = 0.688 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 20.22 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 0.903 W/kg  
**SAR(1 g) = 0.561 W/kg; SAR(10 g) = 0.344 W/kg**  
Maximum value of SAR (measured) = 0.647 W/kg



0 dB = 0.647 W/kg = -1.89 dBW/kg

### #40\_WCDMA II\_RMC 12.2Kbps\_Front\_10mm\_Ch9538

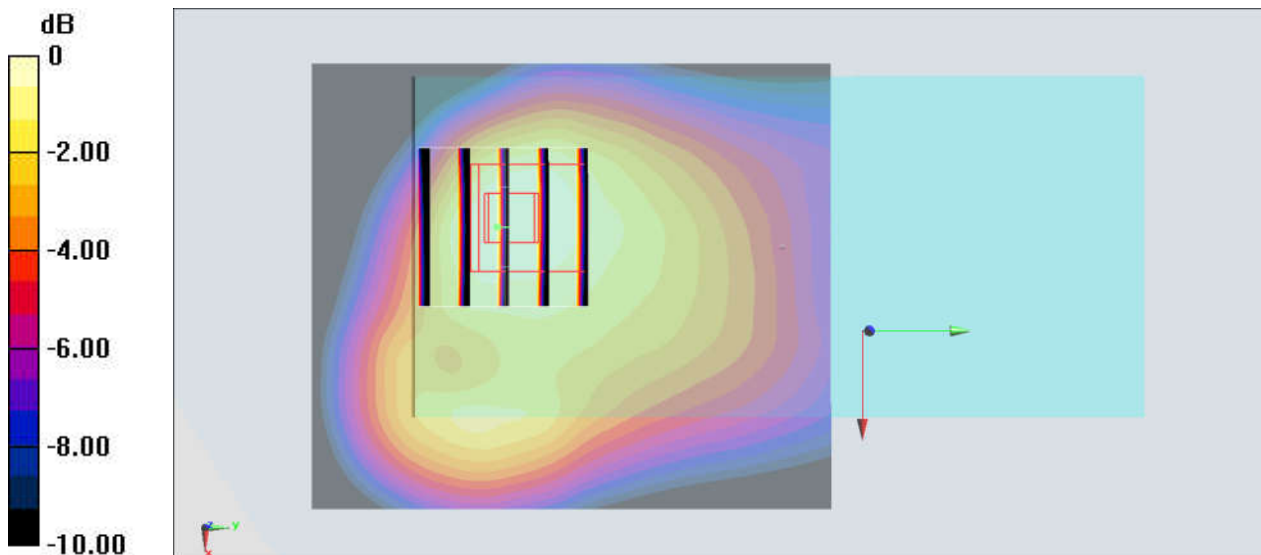
Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_190502 Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.444 \text{ S/m}$ ;  $\epsilon_r = 40.972$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $23.6 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.6 \text{ }^\circ\text{C}$

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.27, 5.27, 5.27) @ 1907.6 MHz; Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (61x71x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) =  $0.859 \text{ W/kg}$

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $22.46 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$   
Peak SAR (extrapolated) =  $1.11 \text{ W/kg}$   
**SAR(1 g) =  $0.705 \text{ W/kg}$ ; SAR(10 g) =  $0.434 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $0.827 \text{ W/kg}$



0 dB =  $0.827 \text{ W/kg}$  =  $-0.82 \text{ dBW/kg}$

### #41\_WCDMA IV\_RMC 12.2Kbps\_Back\_10mm\_Ch1312

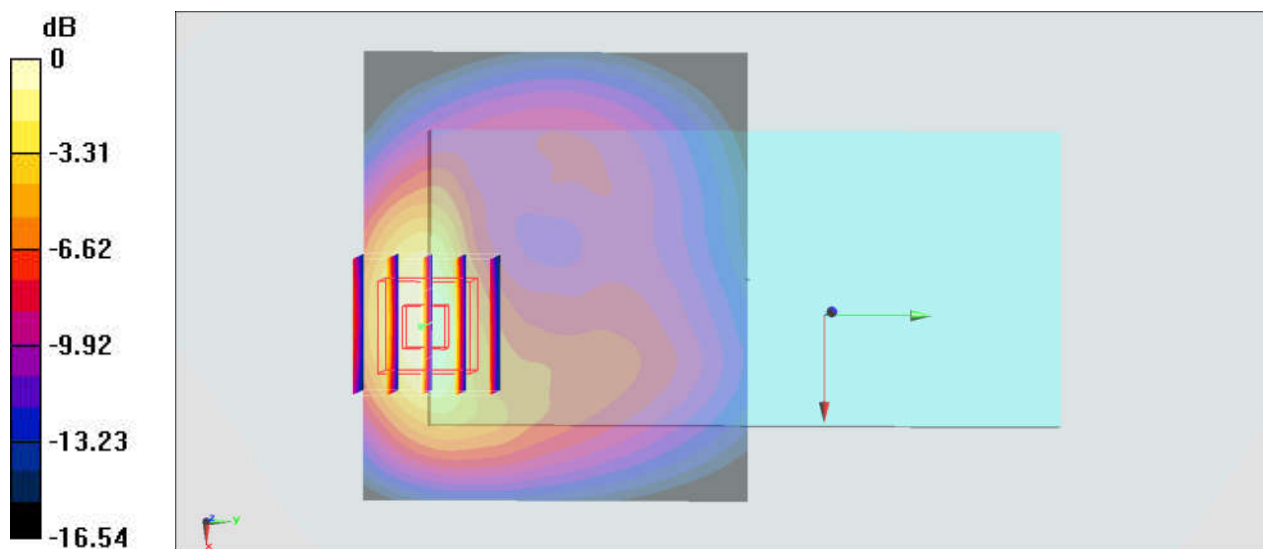
Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1  
 Medium: HSL\_1750\_20190606 Medium parameters used:  $f = 1712.4 \text{ MHz}$ ;  $\sigma = 1.322 \text{ S/m}$ ;  $\epsilon_r = 39.359$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.6 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.6 \text{ }^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3124; ConvF(5.18, 5.18, 5.18) @ 1712.4 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM-Middle; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x61x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $1.06 \text{ W/kg}$

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $26.95 \text{ V/m}$ ; Power Drift =  $-0.09 \text{ dB}$   
 Peak SAR (extrapolated) =  $1.48 \text{ W/kg}$   
**SAR(1 g) =  $0.869 \text{ W/kg}$ ; SAR(10 g) =  $0.467 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $1.07 \text{ W/kg}$



0 dB =  $1.07 \text{ W/kg}$  =  $0.29 \text{ dBW/kg}$

**#42\_WCDMA V\_RMC 12.2Kbps\_Back\_10mm\_Ch4132**

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

Medium: HSL\_850\_190430 Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.874$  S/m;  $\epsilon_r = 41.117$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.07, 10.07, 10.07) @ 831.5 MHz; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 0.890 W/kg

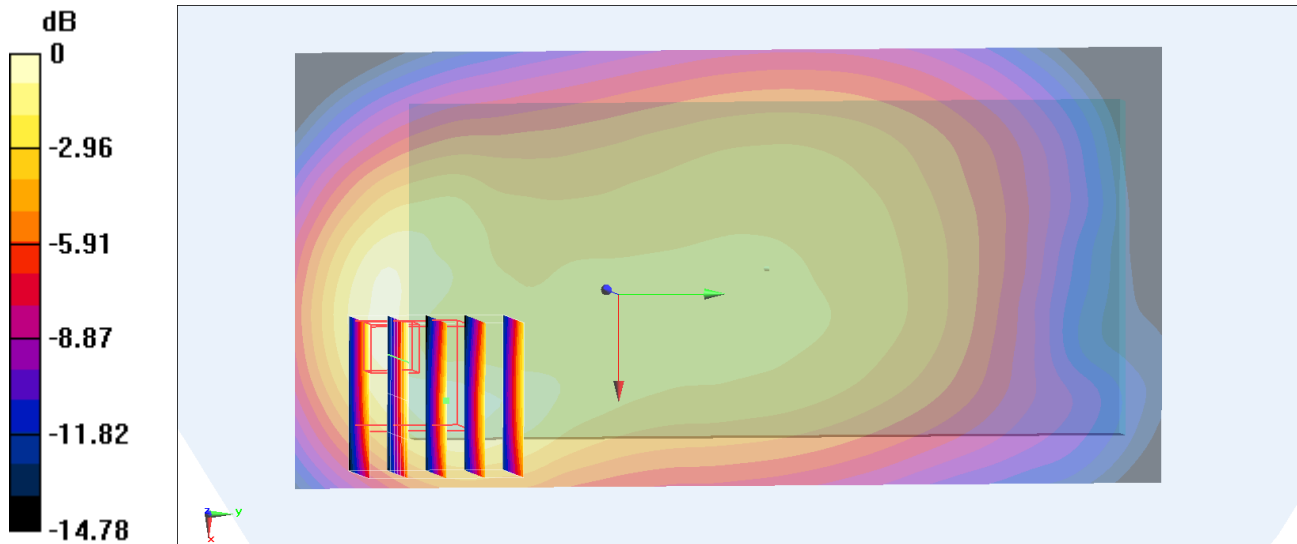
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.80 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.22 W/kg

**SAR(1 g) = 0.618 W/kg; SAR(10 g) = 0.333 W/kg**

Maximum value of SAR (measured) = 0.932 W/kg



0 dB = 0.932 W/kg = -0.31 dBW/kg

### #43\_LTE Band 4\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch20175

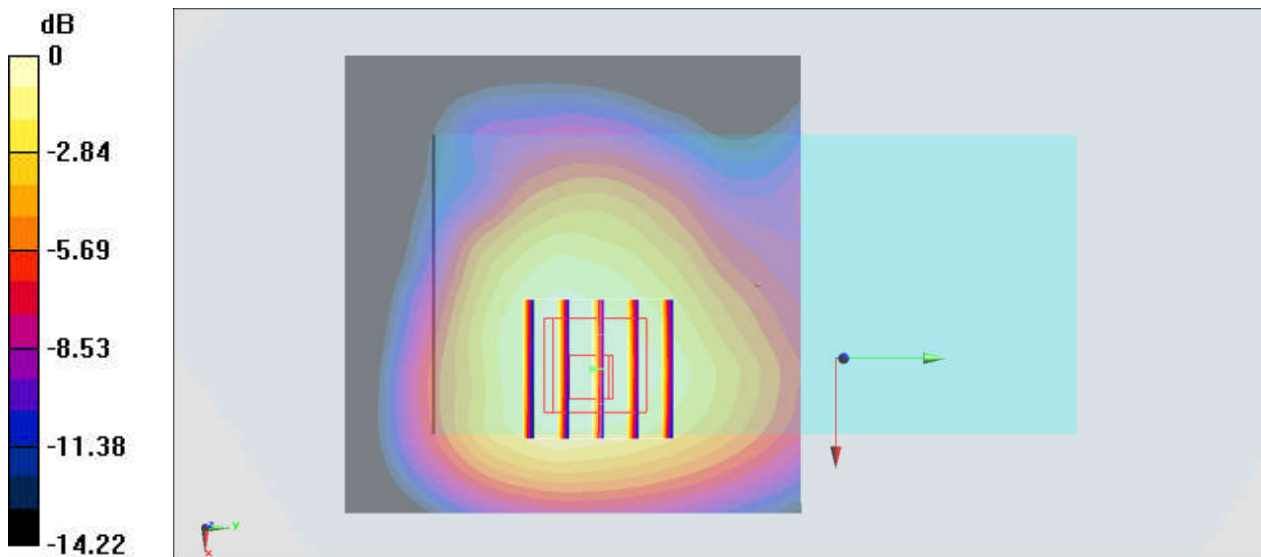
Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_190505 Medium parameters used:  $f = 1733 \text{ MHz}$ ;  $\sigma = 1.351 \text{ S/m}$ ;  $\epsilon_r = 39.76$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $23.1 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.1 \text{ }^\circ\text{C}$

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.48, 5.48, 5.48) @ 1732.5 MHz; Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x71x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) =  $0.626 \text{ W/kg}$

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $20.86 \text{ V/m}$ ; Power Drift =  $-0.06 \text{ dB}$   
Peak SAR (extrapolated) =  $0.805 \text{ W/kg}$   
**SAR(1 g) =  $0.543 \text{ W/kg}$ ; SAR(10 g) =  $0.355 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $0.623 \text{ W/kg}$



0 dB =  $0.623 \text{ W/kg}$  =  $-2.06 \text{ dBW/kg}$

### #44\_LTE Band 7\_20M\_QPSK\_50\_0\_Back\_10mm\_Ch20850

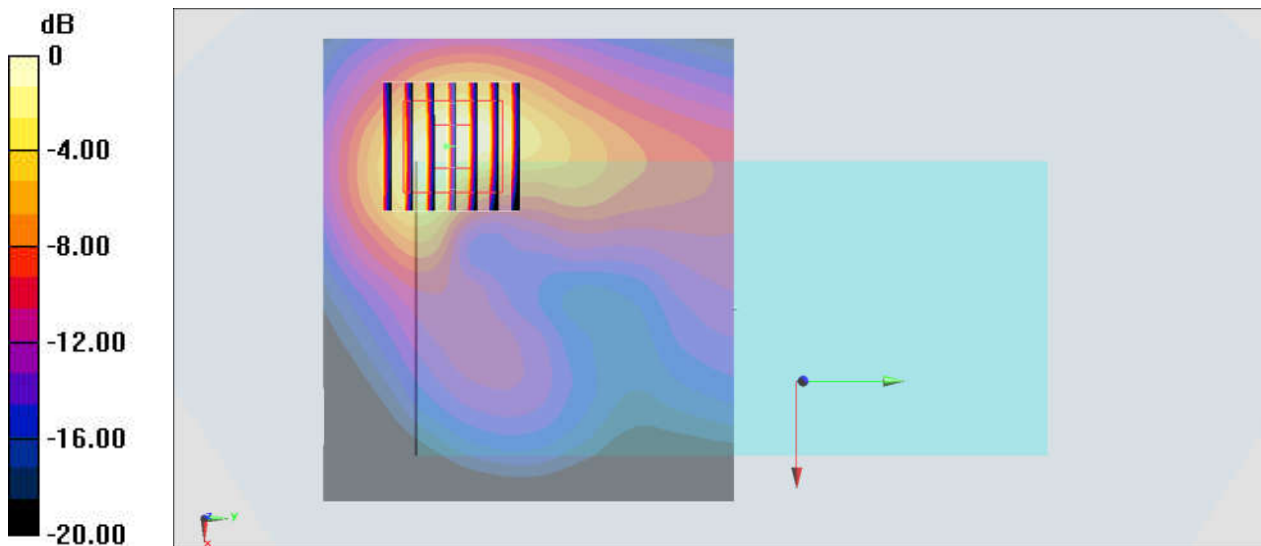
Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1  
Medium: HSL\_2600\_190620 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.87$  S/m;  $\epsilon_r = 38.421$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.43, 4.43, 4.43) @ 2510 MHz; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.19 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 17.50 V/m; Power Drift = -0.11 dB  
Peak SAR (extrapolated) = 1.90 W/kg  
**SAR(1 g) = 0.894 W/kg; SAR(10 g) = 0.397 W/kg**  
Maximum value of SAR (measured) = 1.19 W/kg



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

### #45\_LTE Band 12\_20M\_QPSK\_1\_25\_Front\_10mm\_Ch23095

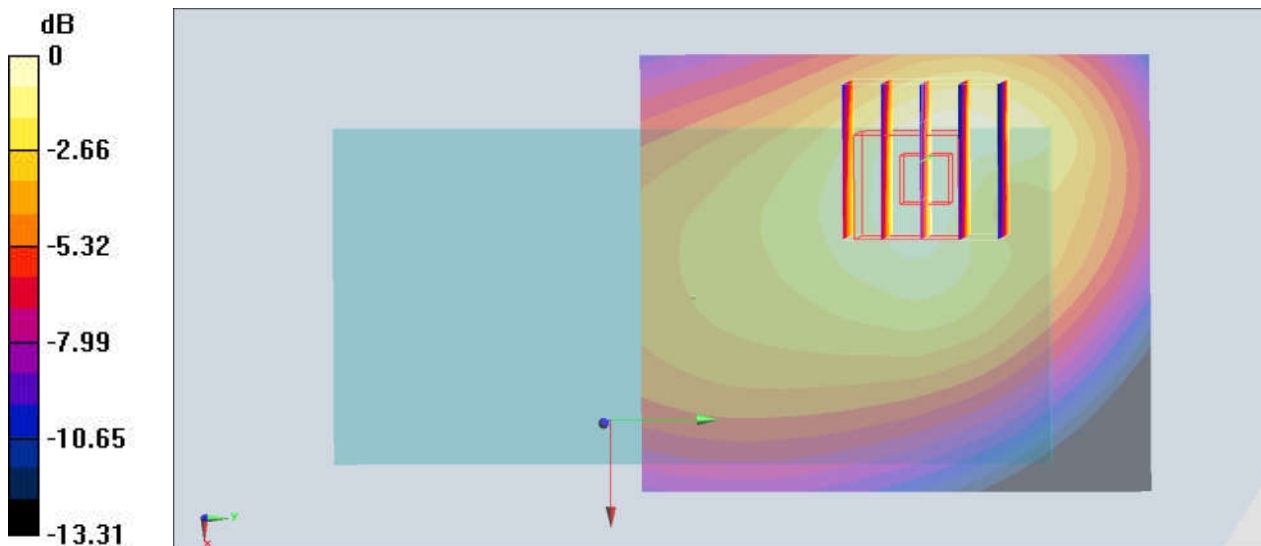
Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_750\_190607 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 43.62$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(6.15, 6.15, 6.15) @ 707.5 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (61x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.369 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 14.19 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 0.508 W/kg  
**SAR(1 g) = 0.322 W/kg; SAR(10 g) = 0.213 W/kg**  
Maximum value of SAR (measured) = 0.373 W/kg



0 dB = 0.373 W/kg = -4.28 dBW/kg



### #46\_LTE Band 13\_10M\_QPSK\_1\_0\_Front\_10mm\_Ch23230

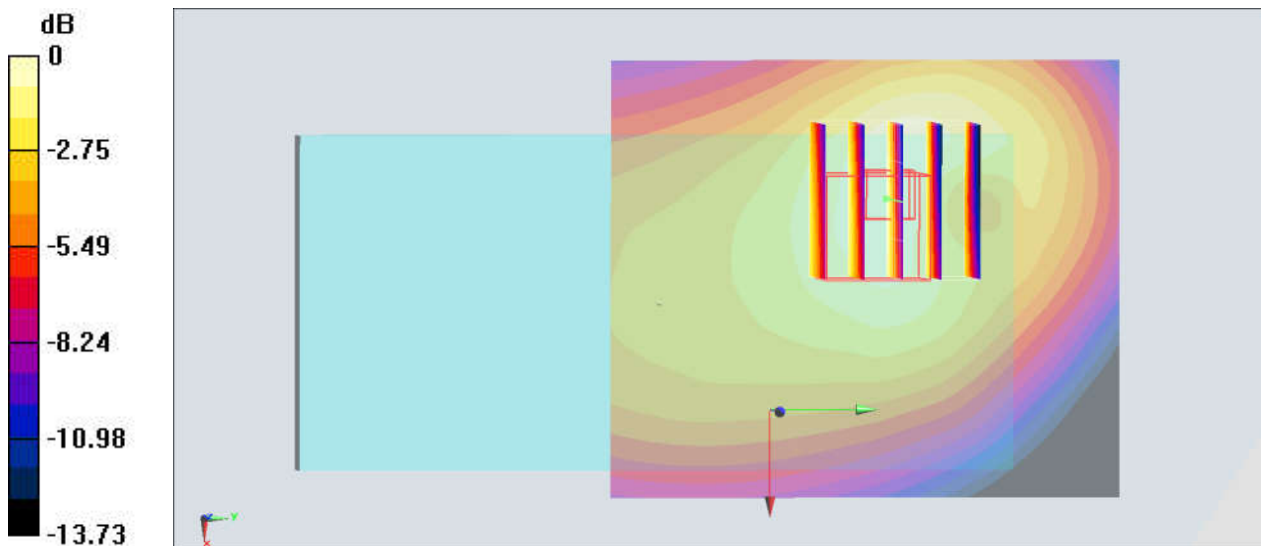
Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1  
Medium: HSL\_750\_190607 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.921 \text{ S/m}$ ;  $\epsilon_r = 42.547$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.4 \text{ }^\circ\text{C}$

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(6.15, 6.15, 6.15) @ 782 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (61x71x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) =  $0.487 \text{ W/kg}$

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $17.21 \text{ V/m}$ ; Power Drift =  $0.08 \text{ dB}$   
Peak SAR (extrapolated) =  $0.674 \text{ W/kg}$   
**SAR(1 g) =  $0.420 \text{ W/kg}$ ; SAR(10 g) =  $0.278 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $0.490 \text{ W/kg}$



0 dB =  $0.490 \text{ W/kg} = -3.10 \text{ dBW/kg}$

### #47\_LTE Band 25\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch26590

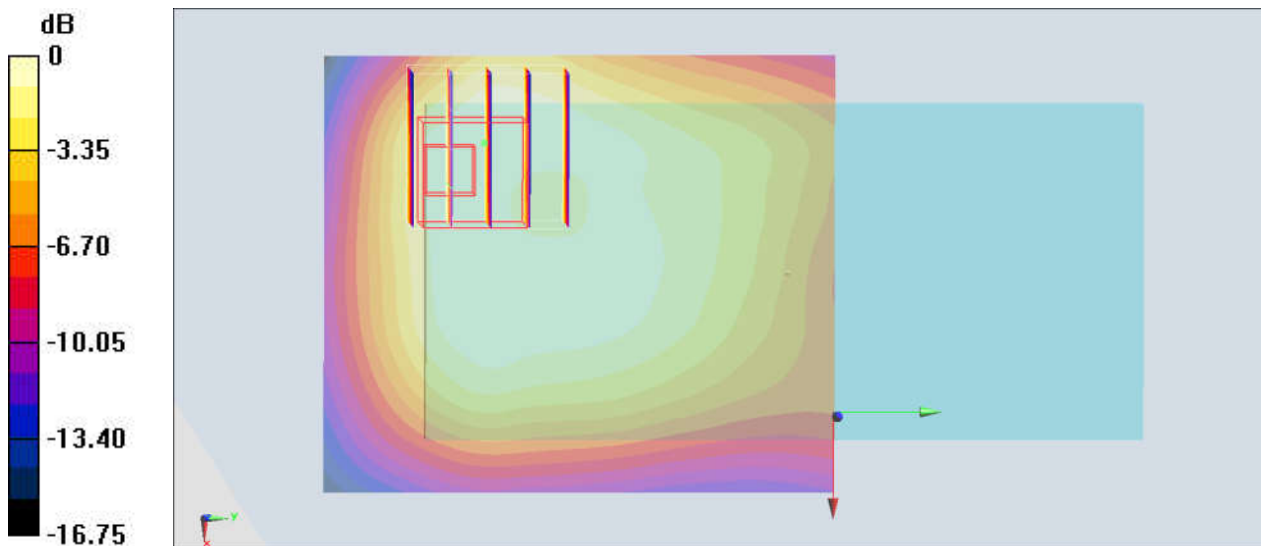
Communication System: LTE; Frequency: 1905 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_190606 Medium parameters used:  $f = 1905$  MHz;  $\sigma = 1.464$  S/m;  $\epsilon_r = 38.988$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(4.95, 4.95, 4.95) @ 1905 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM-Middle; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (61x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm.  
Maximum value of SAR (interpolated) = 1.03 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 25.63 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 1.34 W/kg  
**SAR(1 g) = 0.825 W/kg; SAR(10 g) = 0.501 W/kg**  
Maximum value of SAR (measured) = 0.937 W/kg



0 dB = 0.937 W/kg = -0.28 dBW/kg

**#48\_LTE Band 26\_15M\_QPSK\_1\_74\_Back\_10mm\_Ch26865**

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

Medium: HSL\_850\_190430 Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.874$  S/m;  $\epsilon_r = 41.117$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.07, 10.07, 10.07) @ 831.5 MHz; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 0.804 W/kg

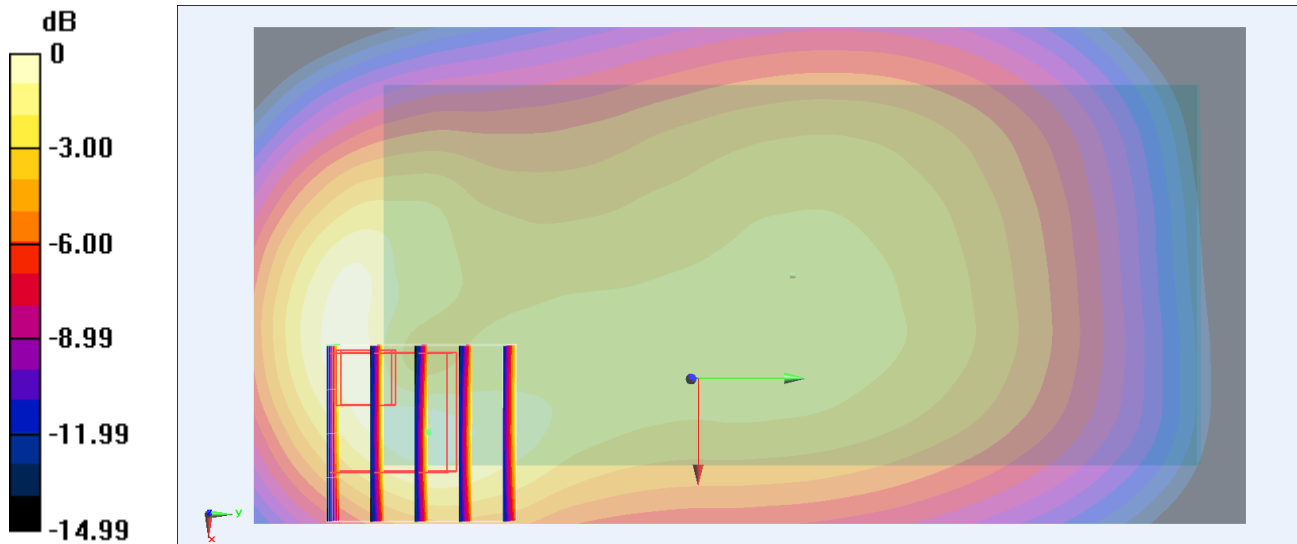
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.76 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.08 W/kg

**SAR(1 g) = 0.552 W/kg; SAR(10 g) = 0.297 W/kg**

Maximum value of SAR (measured) = 0.847 W/kg



0 dB = 0.847 W/kg = -0.72 dBW/kg

### #49\_LTE Band 66\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch132322

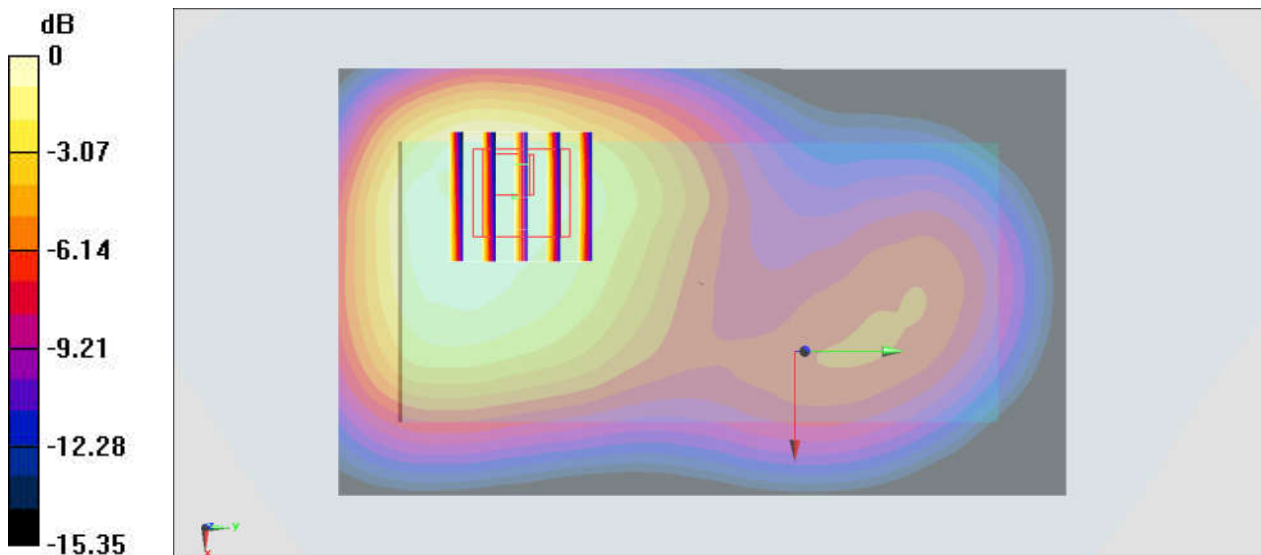
Communication System: LTE ; Frequency: 1745 MHz;Duty Cycle: 1:1  
Medium: HSL\_1750\_190502 Medium parameters used :  $f = 1745$  MHz;  $\sigma = 1.368$  S/m;  $\epsilon_r = 41.789$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.48, 5.48, 5.48) @ 1745 MHz; Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.838 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 22.66 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 1.21 W/kg  
**SAR(1 g) = 0.719 W/kg; SAR(10 g) = 0.438 W/kg**  
Maximum value of SAR (measured) = 0.864 W/kg



0 dB = 0.864 W/kg = -0.63 dBW/kg

## #50\_LTE Band 71\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch133297

Communication System: LTE; Frequency: 680.5 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_190501 Medium parameters used:  $f = 680.5$  MHz;  $\sigma = 0.857$  S/m;  $\epsilon_r = 41.734$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.54, 10.54, 10.54) @ 680.5 MHz; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

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

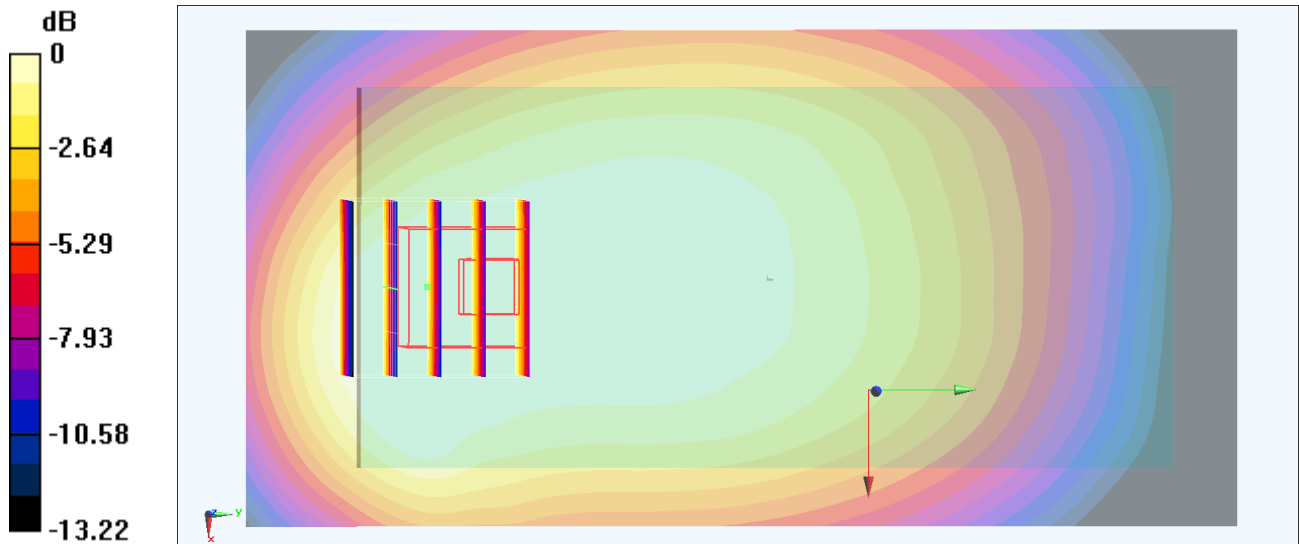
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.67 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.483 W/kg

**SAR(1 g) = 0.298 W/kg; SAR(10 g) = 0.202 W/kg**

Maximum value of SAR (measured) = 0.403 W/kg



0 dB = 0.403 W/kg = -3.95 dBW/kg

### #51\_LTE Band 41\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch39750

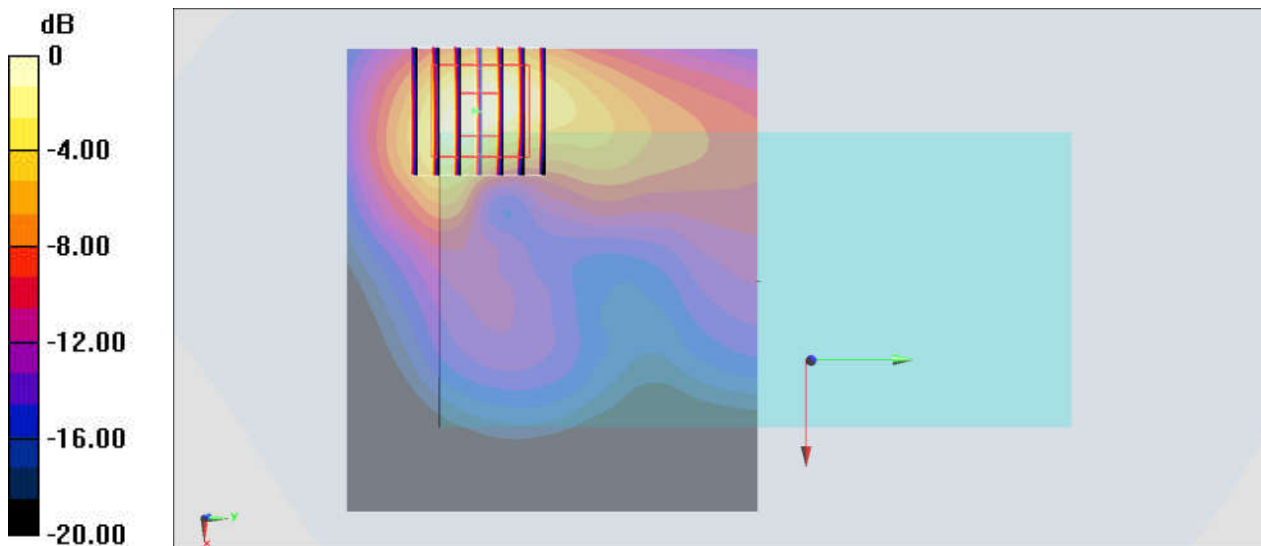
Communication System: LTE; Frequency: 2506 MHz; Duty Cycle: 1:1.59  
Medium: HSL\_2600\_190620 Medium parameters used:  $f = 2506$  MHz;  $\sigma = 1.86$  S/m;  $\epsilon_r = 38.508$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.43, 4.43, 4.43) @ 2506 MHz; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.05 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 16.50 V/m; Power Drift = -0.15 dB  
Peak SAR (extrapolated) = 1.73 W/kg  
**SAR(1 g) = 0.812 W/kg; SAR(10 g) = 0.358 W/kg**  
Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg = 0.33 dBW/kg

### #52\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_10mm\_Ch1;Ant 3

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

Medium: HSL\_2450\_190701 Medium parameters used :  $f = 2412$  MHz;  $\sigma = 1.748$  S/m;  $\epsilon_r = 40.06$ ;  
 $\rho = 1000$  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) @ 2412 MHz; Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2018/10/29
- 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 (81x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

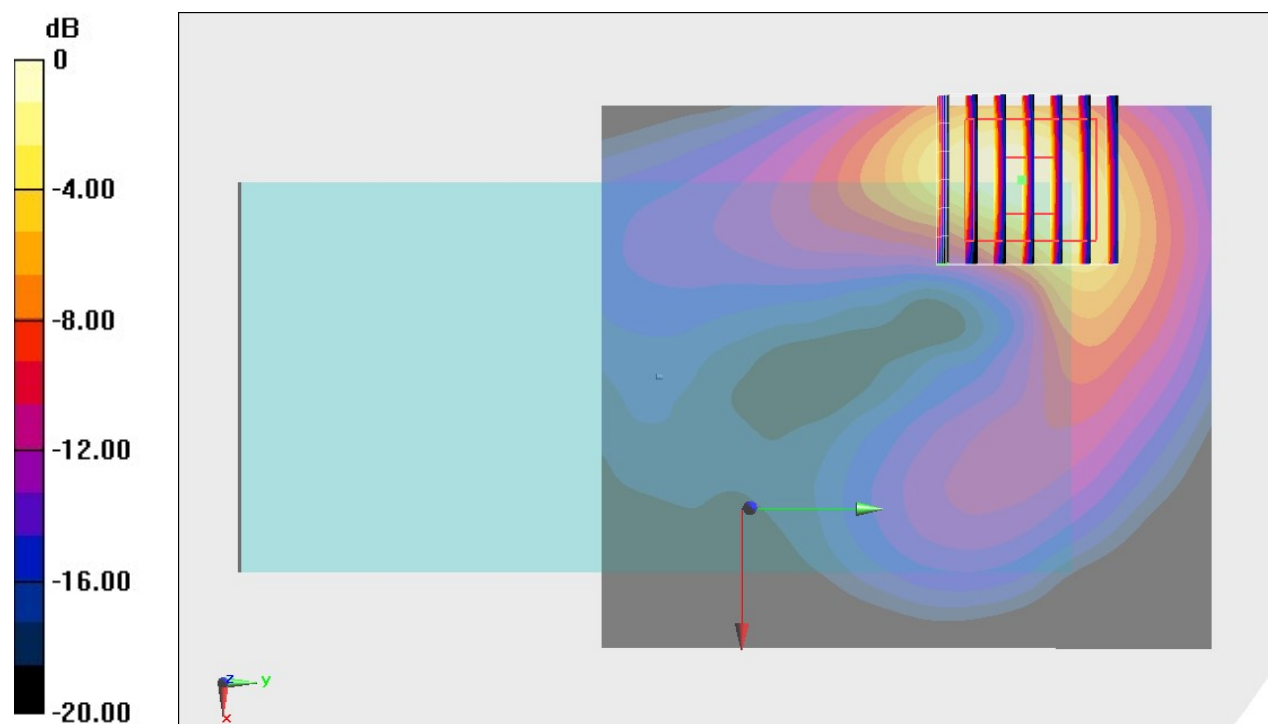
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.22 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 2.19 W/kg

**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.477 W/kg**

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



0 dB = 1.76 W/kg = 2.46 dBW/kg

### #53\_WLAN5GHz\_802.11n-HT40 MCS0\_Back\_10mm\_Ch54;Ant 2

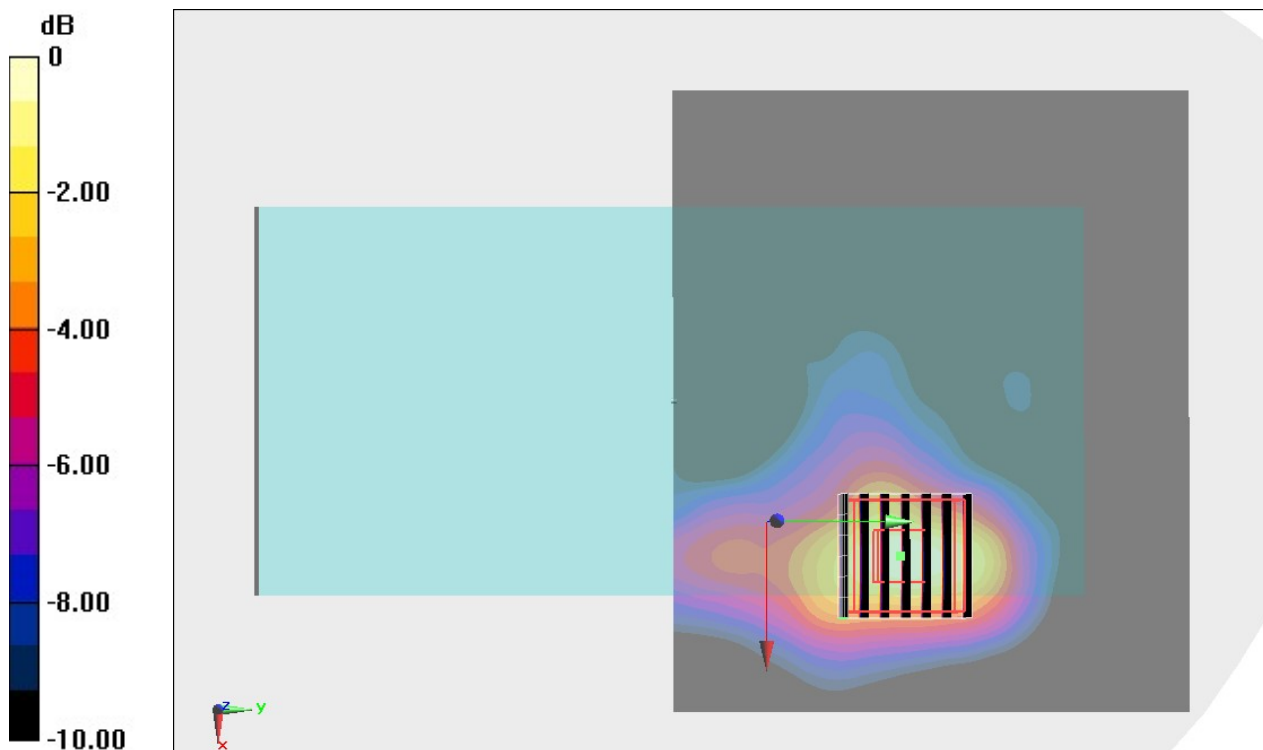
Communication System: 802.11n ; Frequency: 5270 MHz;Duty Cycle: 1:1.032  
Medium: HSL\_5G\_190627 Medium parameters used:  $f = 5270$  MHz;  $\sigma = 4.618$  S/m;  $\epsilon_r = 35.936$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration

- Probe: EX3DV4 - SN7515;ConvF(5.45, 5.45, 5.45) @ 5270 MHz;Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2018/10/29
- 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 (121x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.997 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 7.663 V/m; Power Drift = 0.12 dB  
Peak SAR (extrapolated) = 1.66 W/kg  
**SAR(1 g) = 0.452 W/kg; SAR(10 g) = 0.173 W/kg**  
Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.02 W/kg = 0.09 dBW/kg



### #54\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_10mm\_Ch138;Ant 5

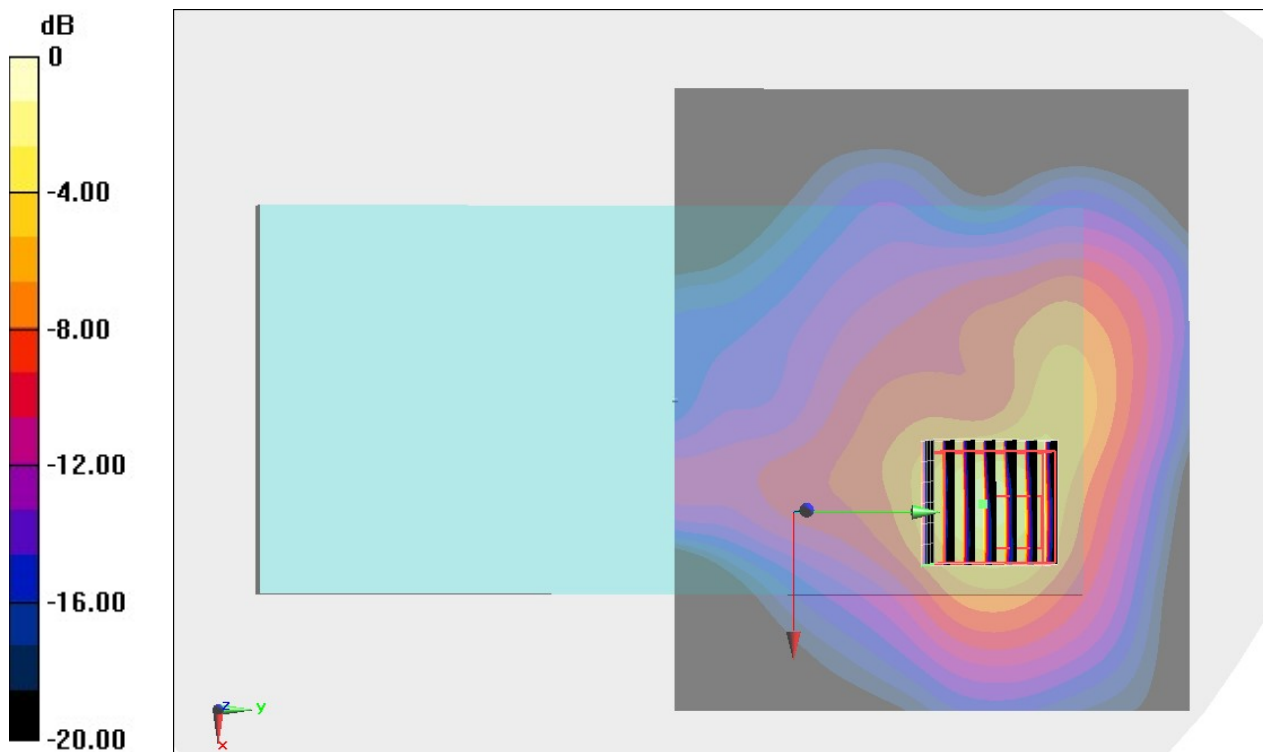
Communication System: 802.11ac ; Frequency: 5690 MHz;Duty Cycle: 1:1.075  
Medium: HSL\_5G\_190627 Medium parameters used :  $f = 5690$  MHz;  $\sigma = 5.043$  S/m;  $\epsilon_r = 35.383$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration

- Probe: EX3DV4 - SN7515;ConvF(4.95, 4.95, 4.95) @ 5690 MHz;Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2018/10/29
- 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 (121x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.594 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 9.104 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 1.67 W/kg  
**SAR(1 g) = 0.522 W/kg; SAR(10 g) = 0.210 W/kg**  
Maximum value of SAR (measured) = 1.129 W/kg



0 dB = 1.129 W/kg = 0.53 dBW/kg

### #55\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_10mm\_Ch155;Ant 5

Communication System: 802.11ac ; Frequency: 5775 MHz;Duty Cycle: 1:1.075

Medium: HSL\_5G\_190627 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.137$  S/m;  $\epsilon_r = 35.236$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN7515;ConvF(4.95, 4.95, 4.95) @ 5775 MHz;Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2018/10/29
- 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 (61x51x1):** Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 0.762 W/kg

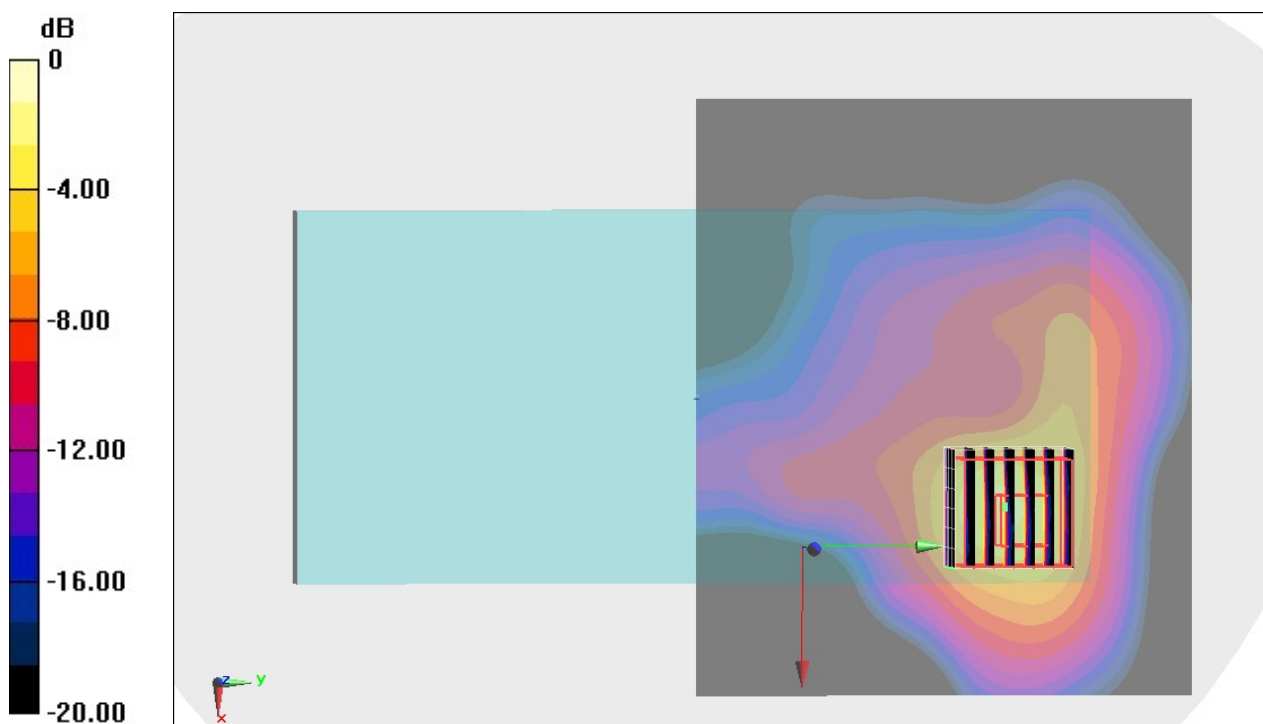
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.956 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.11 W/kg

**SAR(1 g) = 0.411 W/kg; SAR(10 g) = 0.175 W/kg**

Maximum value of SAR (measured) = 0.724 W/kg



0 dB = 0.724 W/kg = -1.4 dBW/kg

### #56\_Bluetooth\_1Mbps\_Back\_10mm\_Ch0;Ant 2

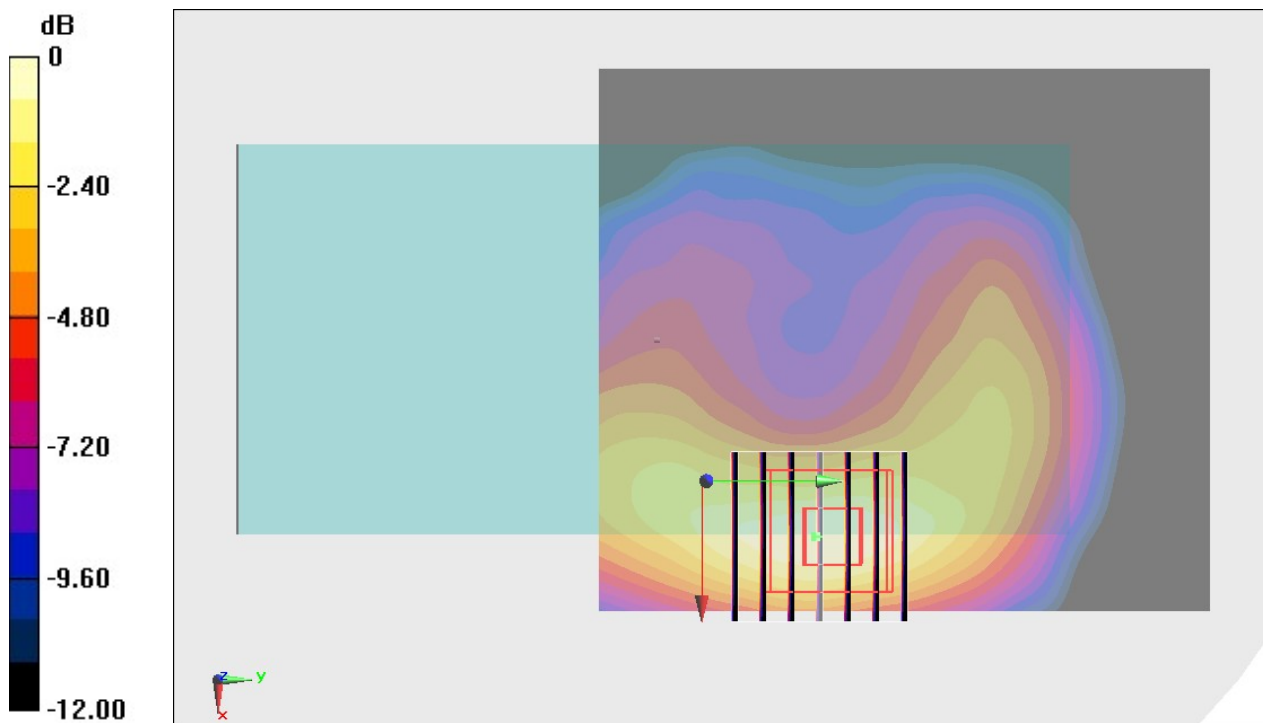
Communication System: Bluetooth ; Frequency: 2402 MHz;Duty Cycle: 1:1.301  
Medium: HSL\_2450\_190701 Medium parameters used :  $f = 2402$  MHz;  $\sigma = 1.738$  S/m;  $\epsilon_r = 40.088$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

#### DASY5 Configuration

- Probe: EX3DV4 - SN7515;ConvF(7.42, 7.42, 7.42) @ 2402 MHz;Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2018/10/29
- 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 (81x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.226 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 7.912 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 0.285 W/kg  
**SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.070 W/kg**  
Maximum value of SAR (measured) = 0.228 W/kg



0 dB = 0.228 W/kg = -6.42 dBW/kg