

### #25\_GSM850\_GPRS (4 Tx slots)\_Left Side\_10mm\_Ch189

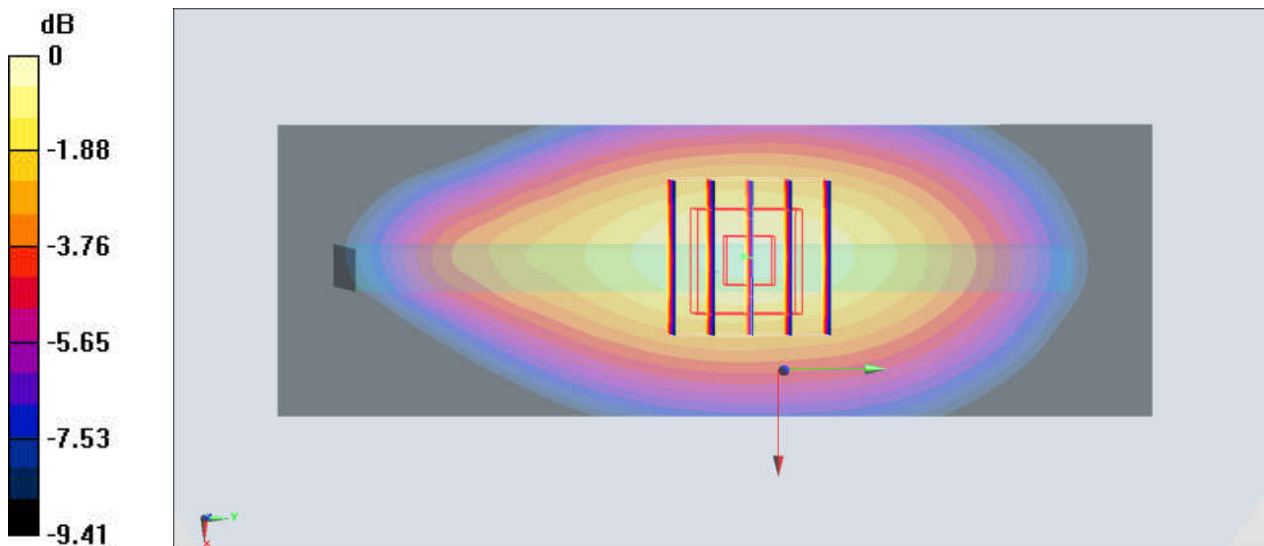
Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:2.08  
Medium: HSL\_850\_190610 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.898$  S/m;  $\epsilon_r = 41.182$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.97, 5.97, 5.97) @ 836.4 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (41x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.827 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 30.63 V/m; Power Drift = 0.11 dB  
Peak SAR (extrapolated) = 1.15 W/kg  
**SAR(1 g) = 0.798 W/kg; SAR(10 g) = 0.550 W/kg**  
Maximum value of SAR (measured) = 0.919 W/kg



0 dB = 0.919 W/kg = -0.37 dBW/kg

### #26\_GSM1900\_GPRS (4 Tx slots)\_Top Side\_10mm\_Ch661

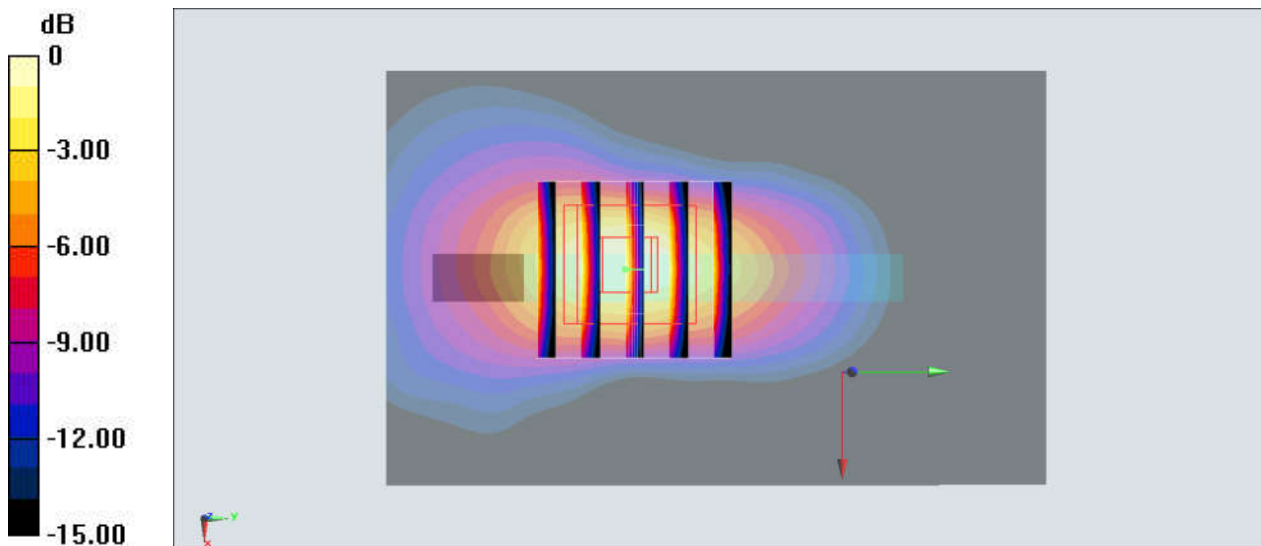
Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2.08  
Medium: HSL\_1900\_190602 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.387$  S/m;  $\epsilon_r = 40.768$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(4.95, 4.95, 4.95) @ 1880 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM-Middle; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (51x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.857 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 25.15 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 1.21 W/kg  
**SAR(1 g) = 0.661 W/kg; SAR(10 g) = 0.328 W/kg**  
Maximum value of SAR (measured) = 0.855 W/kg



0 dB = 0.855 W/kg = -0.68 dBW/kg

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

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

Medium: HSL\_1900\_190424 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.449$  S/m;  $\epsilon_r = 41.039$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.54, 8.54, 8.54) @ 1907.6 MHz; Calibrated: 2019/1/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2019/1/24
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

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

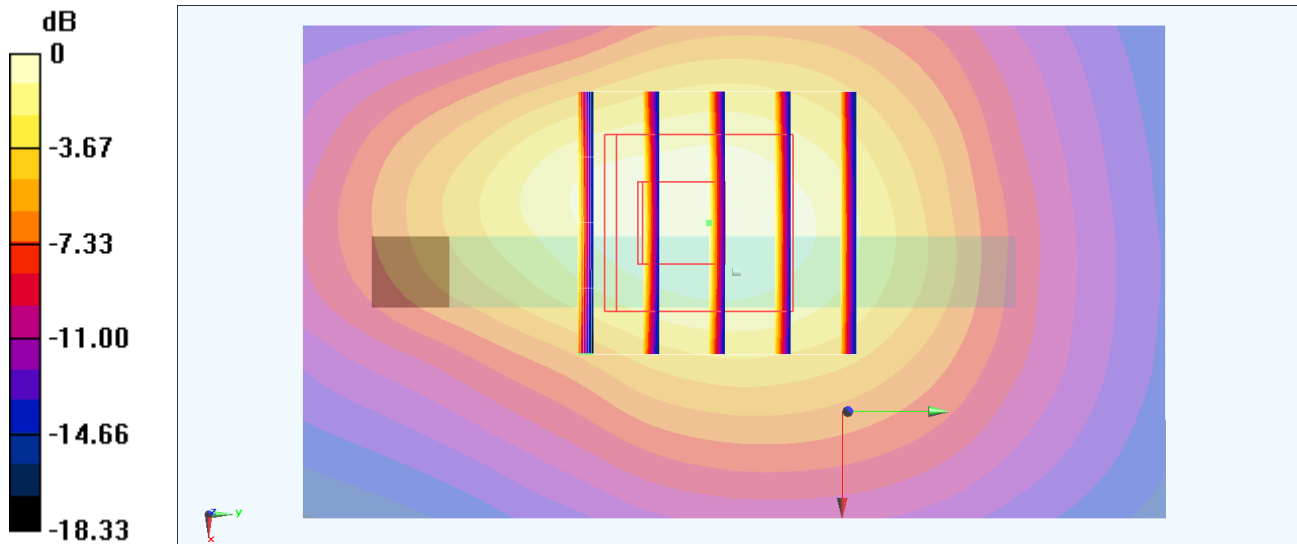
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.75 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.83 W/kg

**SAR(1 g) = 1.000 W/kg; SAR(10 g) = 0.557 W/kg**

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



### #28\_WCDMA\_IV\_RMC 12.2Kbps\_Bottom Side\_10mm\_Ch1513

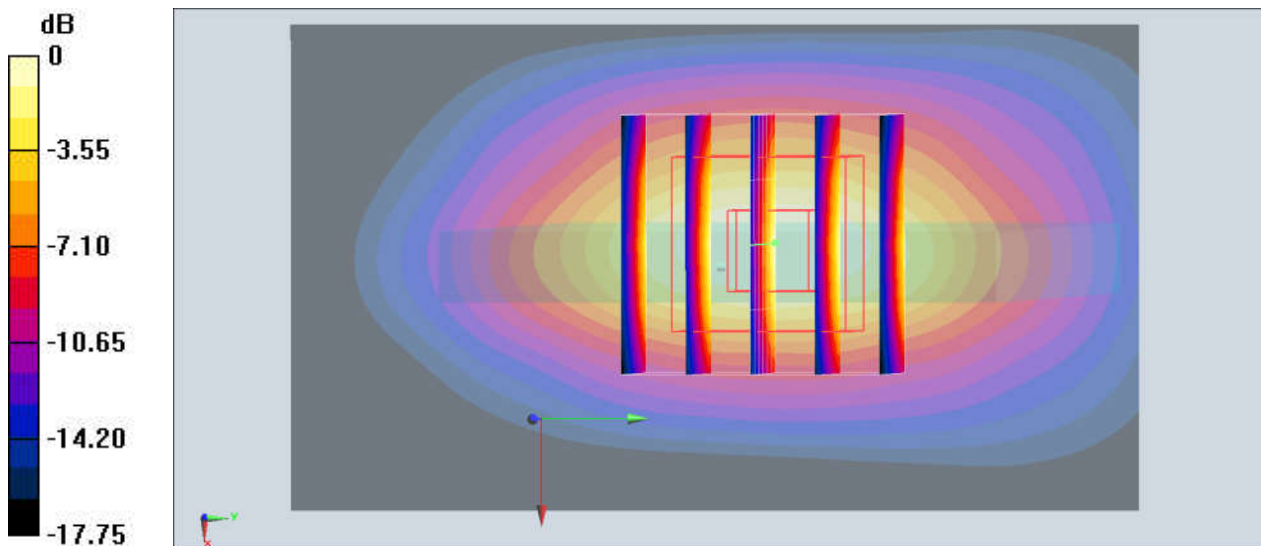
Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_190614 Medium parameters used:  $f = 1753 \text{ MHz}$ ;  $\sigma = 1.369 \text{ S/m}$ ;  $\epsilon_r = 39.404$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $23.6 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.6 \text{ }^\circ\text{C}$

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8.84, 8.84, 8.84) @ 1752.6 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: SAM-Middle; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (41x71x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) =  $1.48 \text{ W/kg}$

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $30.86 \text{ V/m}$ ; Power Drift =  $0.12 \text{ dB}$   
Peak SAR (extrapolated) =  $1.70 \text{ W/kg}$   
**SAR(1 g) = 0.928 W/kg; SAR(10 g) = 0.474 W/kg**  
Maximum value of SAR (measured) =  $1.43 \text{ W/kg}$



0 dB =  $1.43 \text{ W/kg}$  =  $1.55 \text{ dBW/kg}$

## #29\_WCDMA V\_RMC 12.2Kbps\_Left Side\_10mm\_Ch4182

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

Medium: HSL\_850\_190422 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.916$  S/m;  $\epsilon_r = 42.728$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.19, 10.19, 10.19) @ 836.4 MHz; Calibrated: 2019/1/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2019/1/24
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 0.936 W/kg

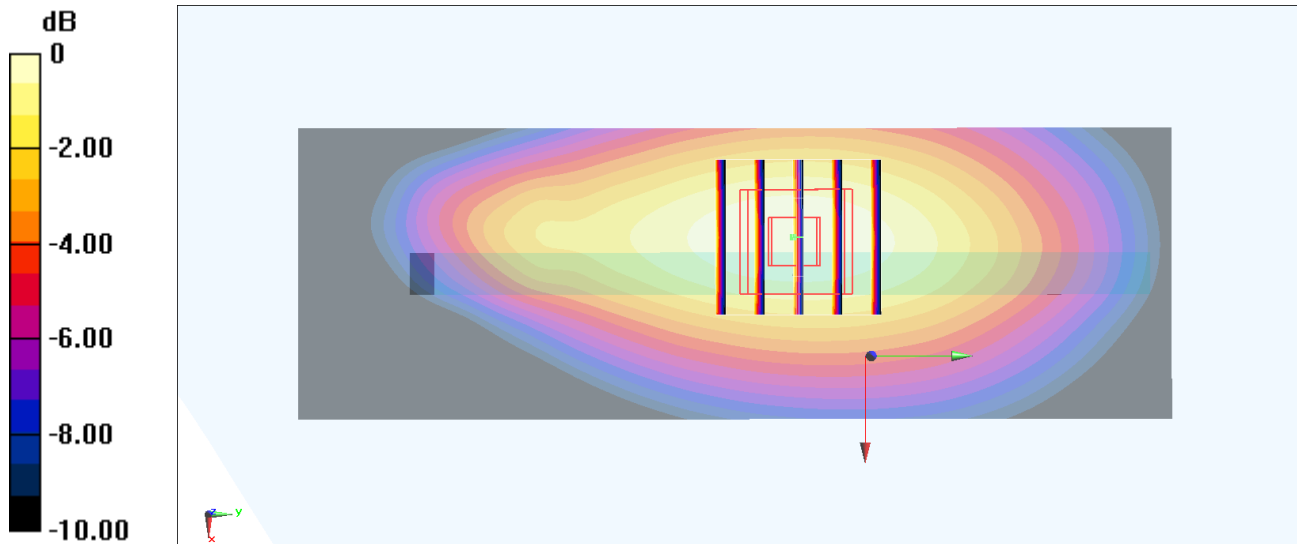
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.38 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.08 W/kg

**SAR(1 g) = 0.693 W/kg; SAR(10 g) = 0.460 W/kg**

Maximum value of SAR (measured) = 0.935 W/kg



0 dB = 0.935 W/kg = -0.29 dBW/kg

### #30\_CDMA BC0\_RTAP 153.6Kbps\_Left Side\_10mm\_Ch777

Communication System: CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_190423 Medium parameters used :  $f = 848.31$  MHz;  $\sigma = 0.924$  S/m;  $\epsilon_r = 42.441$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.19, 10.19, 10.19) @ 848.31 MHz; Calibrated: 2019/1/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2019/1/24
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

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

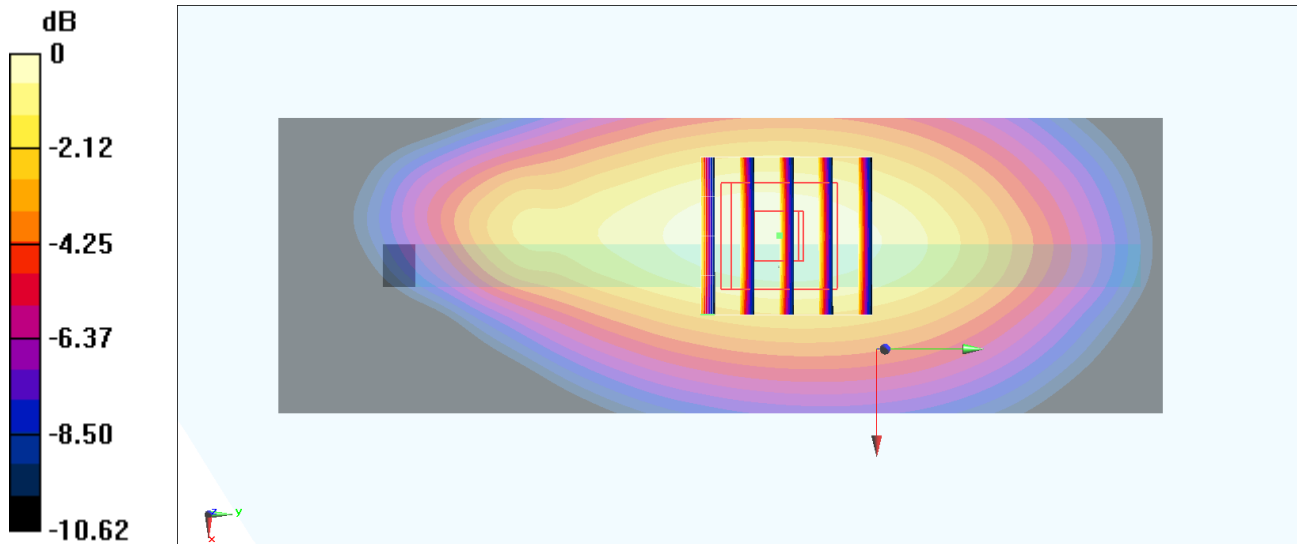
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.71 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.15 W/kg

**SAR(1 g) = 0.740 W/kg; SAR(10 g) = 0.491 W/kg**

Maximum value of SAR (measured) = 0.999 W/kg



0 dB = 0.999 W/kg = -0.00 dBW/kg

### #31\_CDMA BC1\_RTAP 153.6Kbps\_Top Side\_10mm\_Ch600

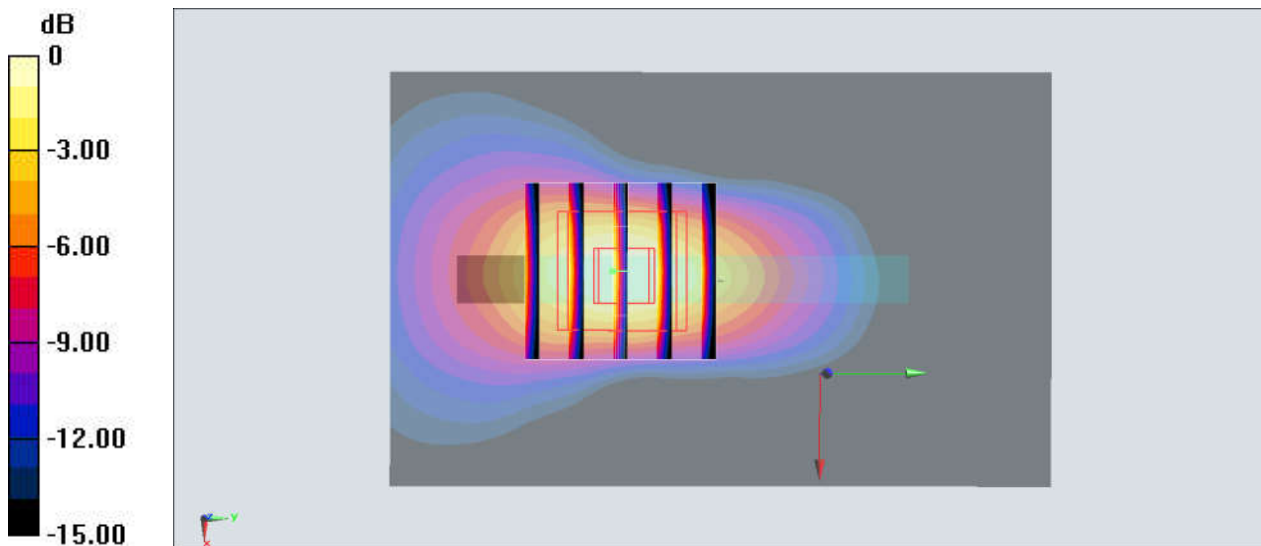
Communication System: CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_190602 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.387$  S/m;  $\epsilon_r = 40.768$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(4.95, 4.95, 4.95) @ 1880 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM-Middle; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (51x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.42 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 31.23 V/m; Power Drift = -0.04 dB  
Peak SAR (extrapolated) = 1.89 W/kg  
**SAR(1 g) = 0.991 W/kg; SAR(10 g) = 0.498 W/kg**  
Maximum value of SAR (measured) = 1.31 W/kg



0 dB = 1.31 W/kg = 1.17 dBW/kg

### #32\_CDMA BC10\_RTAP 153.6Kbps\_Left Side\_10mm\_Ch580

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

Medium: HSL\_850\_190423 Medium parameters used :  $f = 820.5$  MHz;  $\sigma = 0.9$  S/m;  $\epsilon_r = 42.763$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.19, 10.19, 10.19) @ 820.5 MHz; Calibrated: 2019/1/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2019/1/24
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 0.874 W/kg

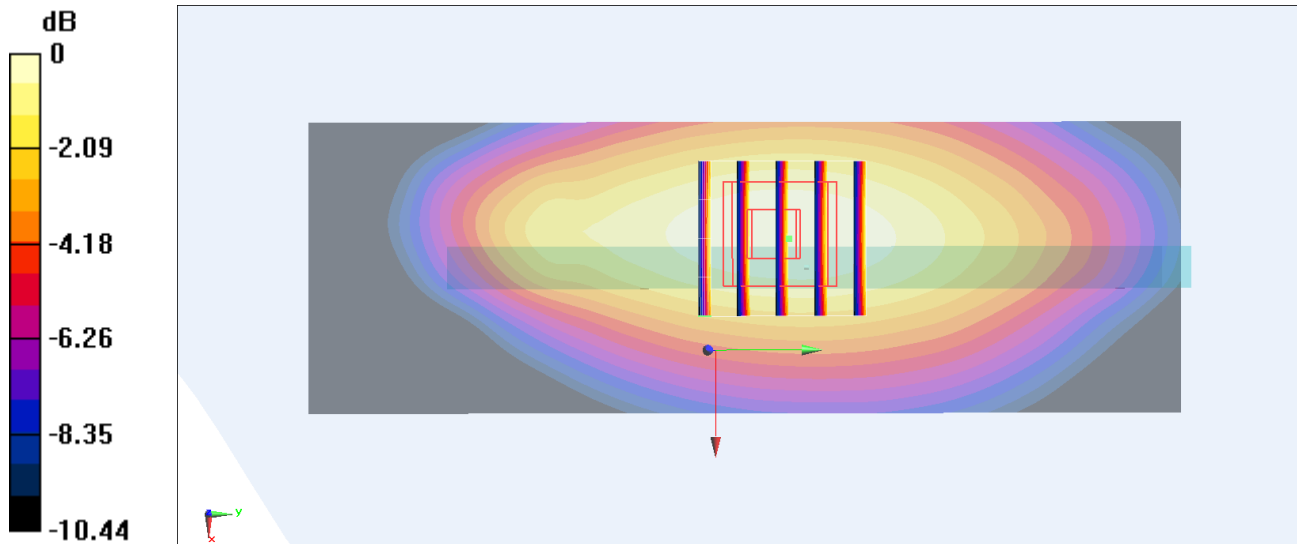
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.24 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.650 W/kg; SAR(10 g) = 0.433 W/kg**

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



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



### #33\_LTE Band 7\_20M\_QPSK\_50\_50\_Back\_10mm\_Ch20850

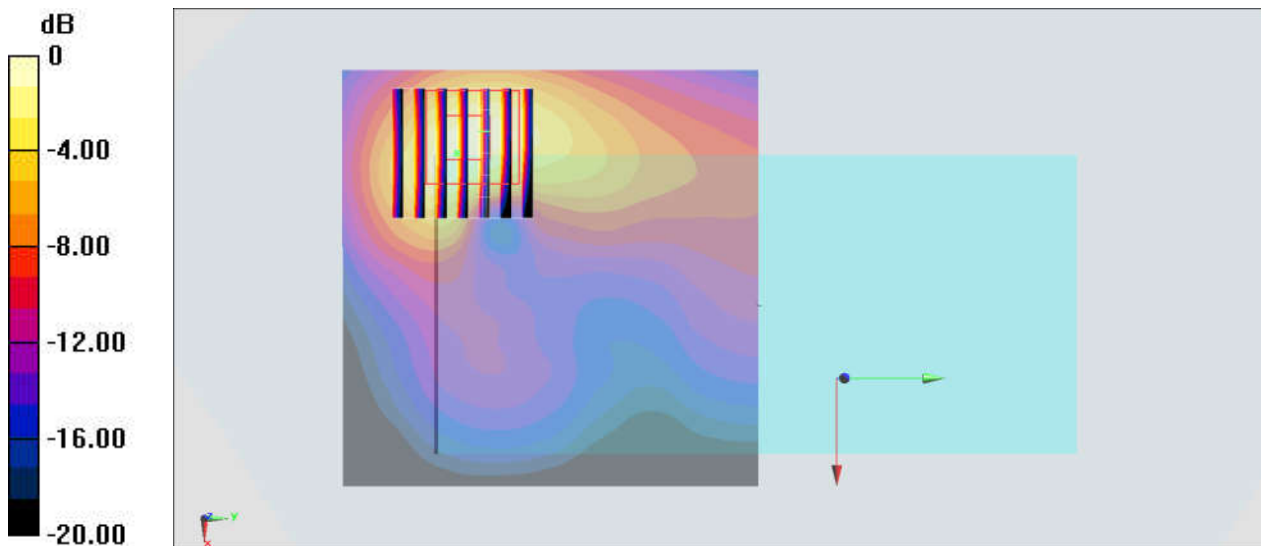
Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1  
Medium: HSL\_2600\_190613 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.918$  S/m;  $\epsilon_r = 39.16$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.43, 7.43, 7.43) @ 2510 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.45 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 24.69 V/m; Power Drift = -0.16 dB  
Peak SAR (extrapolated) = 2.00 W/kg  
**SAR(1 g) = 0.932 W/kg; SAR(10 g) = 0.416 W/kg**  
Maximum value of SAR (measured) = 1.54 W/kg



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

### #34\_LTE Band 12\_10M\_QPSK\_1\_25\_Front\_10mm\_Ch23095

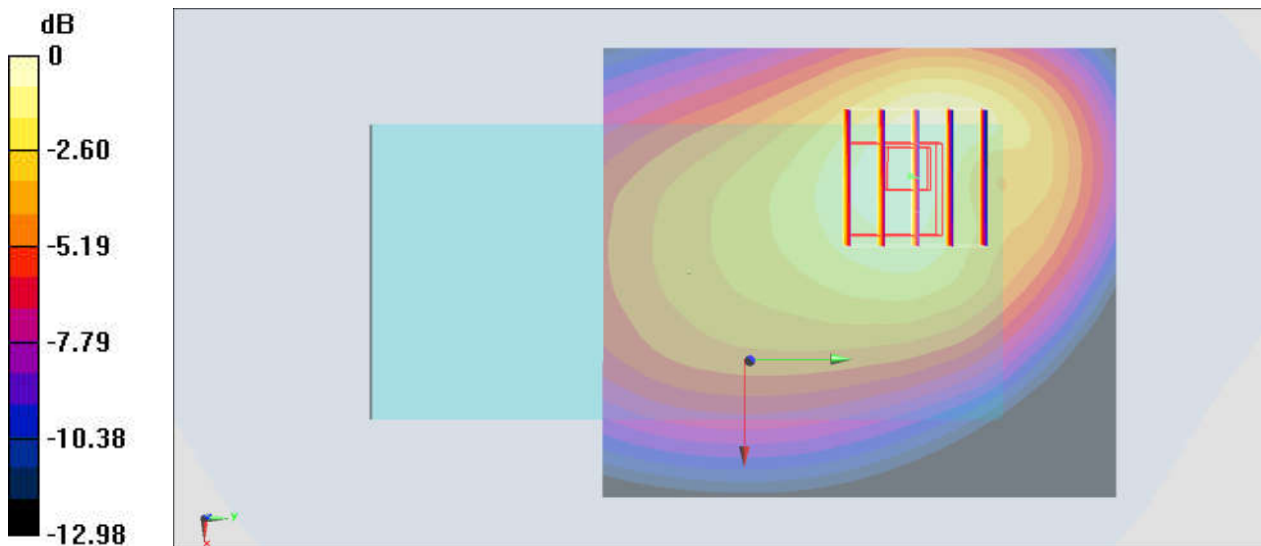
Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_750\_190601 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.859$  S/m;  $\epsilon_r = 41.122$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

#### 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 (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.477 W/kg

**/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 21.39 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 0.638 W/kg  
**SAR(1 g) = 0.411 W/kg; SAR(10 g) = 0.274 W/kg**  
Maximum value of SAR (measured) = 0.476 W/kg



0 dB = 0.476 W/kg = -3.22 dBW/kg

**#35\_LTE Band 13\_10M\_QPSK\_1\_25\_Left Side\_10mm\_Ch23230**

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

Medium: HSL\_750\_190421 Medium parameters used:  $f = 782$  MHz;  $\sigma = 0.919$  S/m;  $\epsilon_r = 42.367$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.4, 10.4, 10.4) @ 782 MHz; Calibrated: 2019/1/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2019/1/24
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 0.846 W/kg

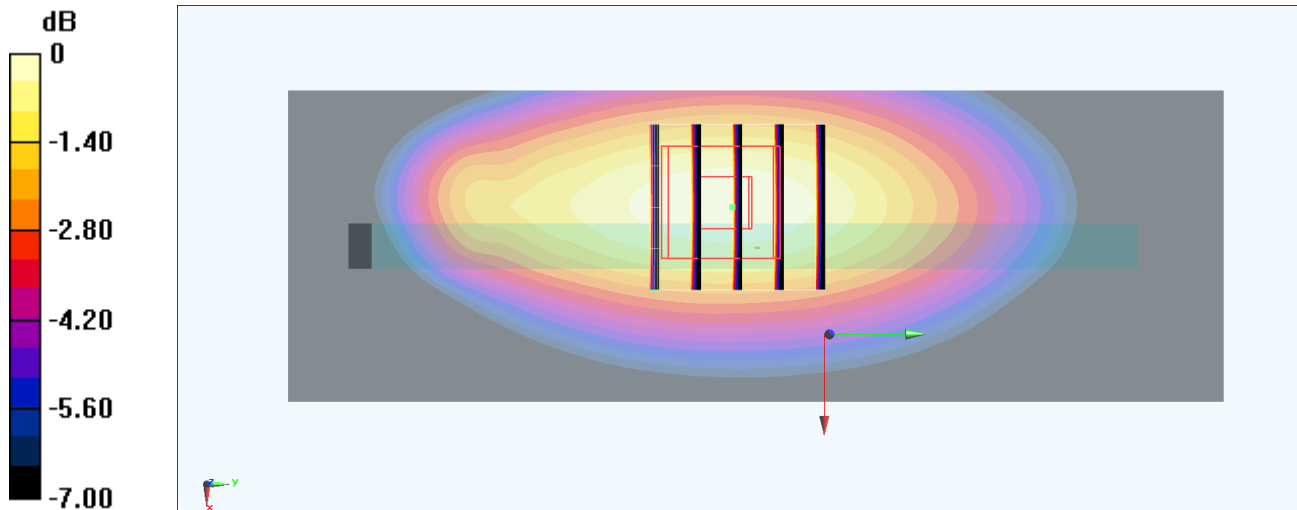
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.63 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.977 W/kg

**SAR(1 g) = 0.634 W/kg; SAR(10 g) = 0.425 W/kg**

Maximum value of SAR (measured) = 0.855 W/kg



0 dB = 0.855 W/kg = -0.68 dBW/kg

### #36\_LTE Band 14\_10M\_QPSK\_1\_0\_Left Side\_10mm\_Ch23330

Communication System: LTE; Frequency: 793 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_190421 Medium parameters used:  $f = 793 \text{ MHz}$ ;  $\sigma = 0.931 \text{ S/m}$ ;  $\epsilon_r = 42.255$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.4, 10.4, 10.4) @ 793 MHz; Calibrated: 2019/1/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2019/1/24
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) =  $0.990 \text{ W/kg}$

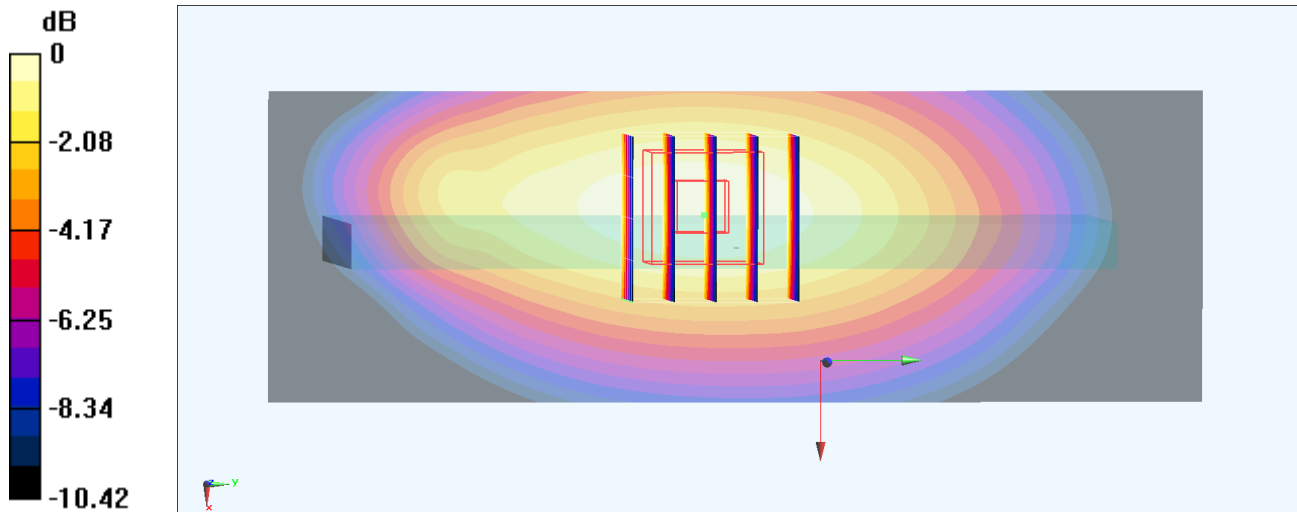
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $32.20 \text{ V/m}$ ; Power Drift =  $-0.06 \text{ dB}$

Peak SAR (extrapolated) =  $1.15 \text{ W/kg}$

**SAR(1 g) =  $0.743 \text{ W/kg}$ ; SAR(10 g) =  $0.498 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.988 \text{ W/kg}$



0 dB =  $0.988 \text{ W/kg}$  =  $-0.05 \text{ dBW/kg}$

### #37\_LTE Band 25\_20M\_QPSK\_1\_0\_Bottom Side\_10mm\_Ch26340

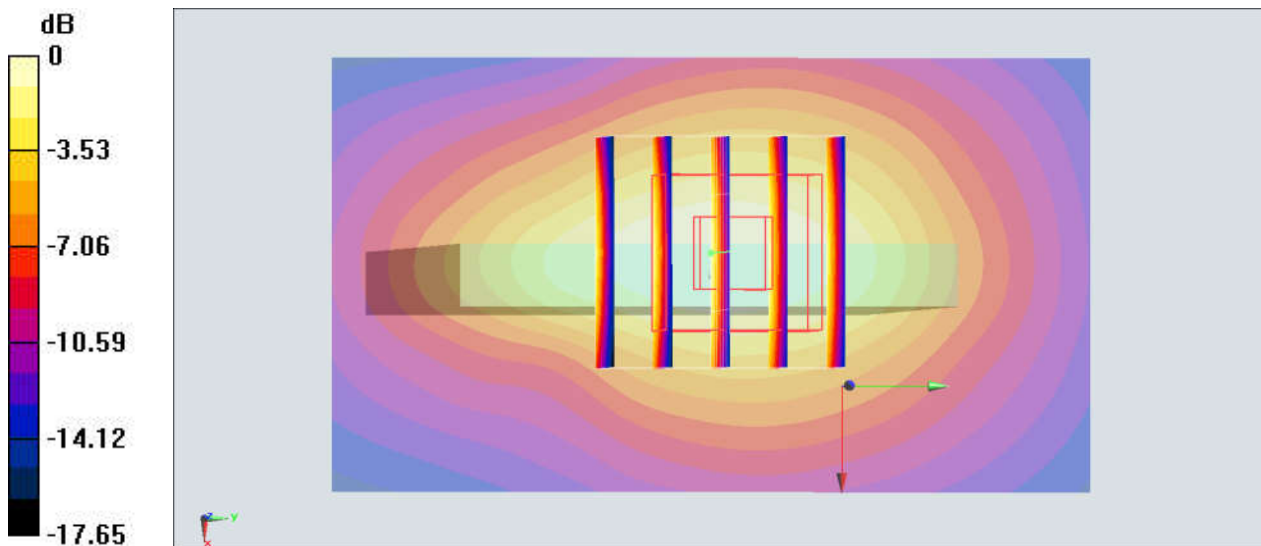
Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_190614 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.433$  S/m;  $\epsilon_r = 40.185$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8.46, 8.46, 8.46) @ 1880 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: SAM-Middle; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.34 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 27.73 V/m; Power Drift = 0.09 dB  
Peak SAR (extrapolated) = 1.50 W/kg  
**SAR(1 g) = 0.870 W/kg; SAR(10 g) = 0.493 W/kg**  
Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg = 1.04 dBW/kg

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

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

Medium: HSL\_850\_190422 Medium parameters used :  $f = 831.5$  MHz;  $\sigma = 0.91$  S/m;  $\epsilon_r = 42.707$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.19, 10.19, 10.19) @ 831.5 MHz; Calibrated: 2019/1/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2019/1/24
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 0.949 W/kg

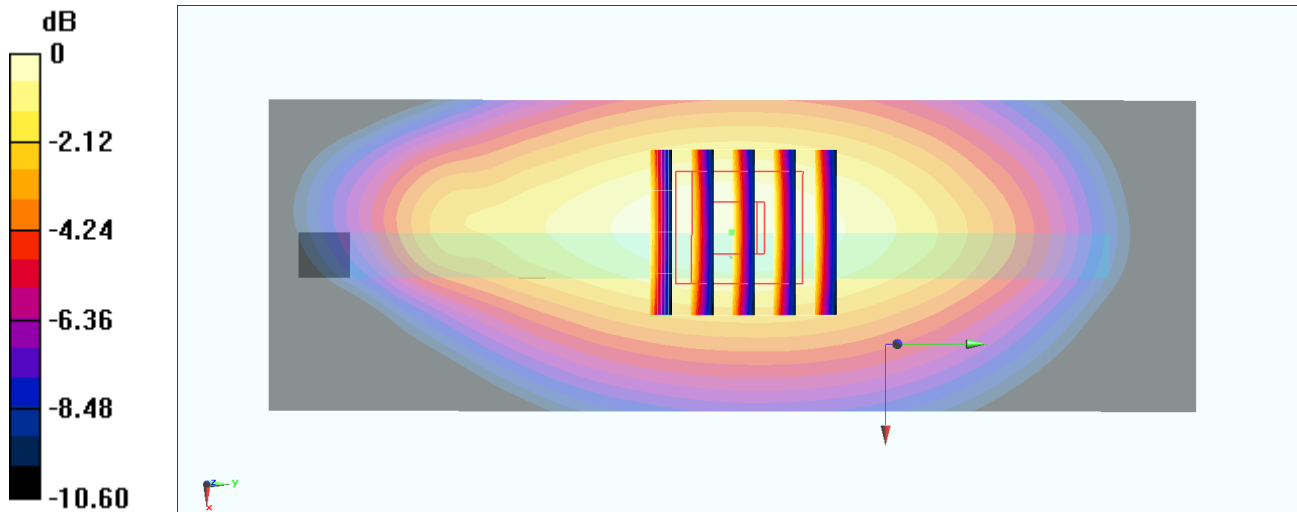
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.53 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.10 W/kg

**SAR(1 g) = 0.706 W/kg; SAR(10 g) = 0.470 W/kg**

Maximum value of SAR (measured) = 0.955 W/kg



0 dB = 0.955 W/kg = -0.20 dBW/kg

### #39\_LTE Band 30\_10M\_QPSK\_50\_0\_Left Side\_10mm\_Ch27710

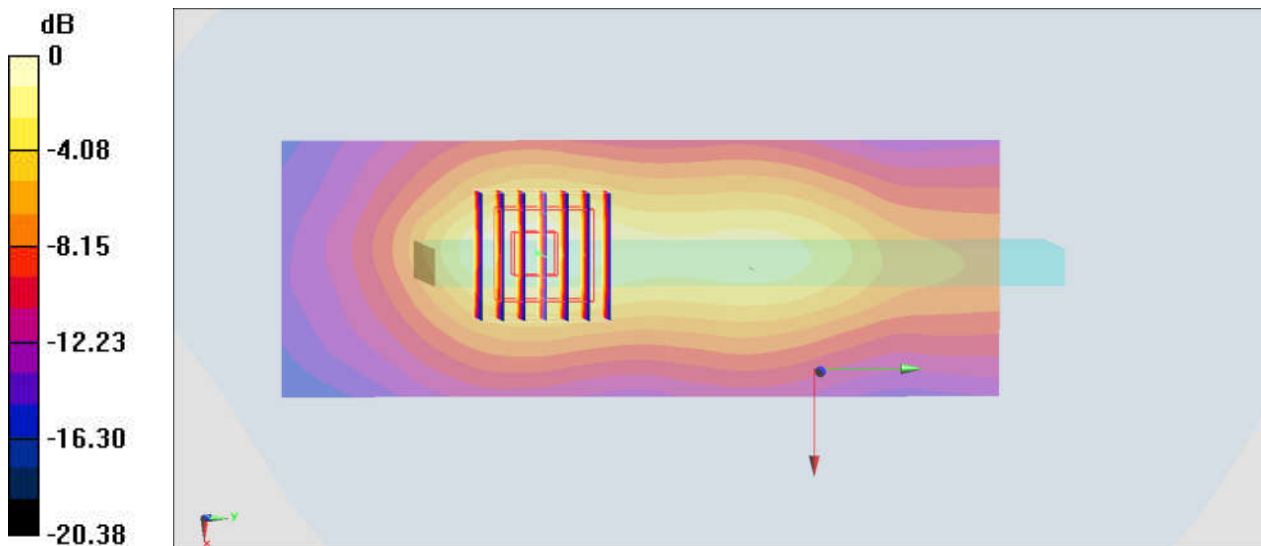
Communication System: LTE; Frequency: 2310 MHz; Duty Cycle: 1:1  
Medium: HSL\_2300\_190613 Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.687$  S/m;  $\epsilon_r = 39.937$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.97, 7.97, 7.97) @ 2310 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (51x141x1):** 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 = 23.79 V/m; Power Drift = 0.17 dB  
Peak SAR (extrapolated) = 1.81 W/kg  
**SAR(1 g) = 0.933 W/kg; SAR(10 g) = 0.471 W/kg**  
Maximum value of SAR (measured) = 1.19 W/kg



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

## #40\_LTE Band 66\_20M\_QPSK\_1\_0\_Bottom Side\_10mm\_Ch132572

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

Medium: HSL\_1750\_190426 Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.367$  S/m;  $\epsilon_r = 41.456$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.73, 8.73, 8.73) @ 1770 MHz; Calibrated: 2019/1/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2019/1/24
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

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

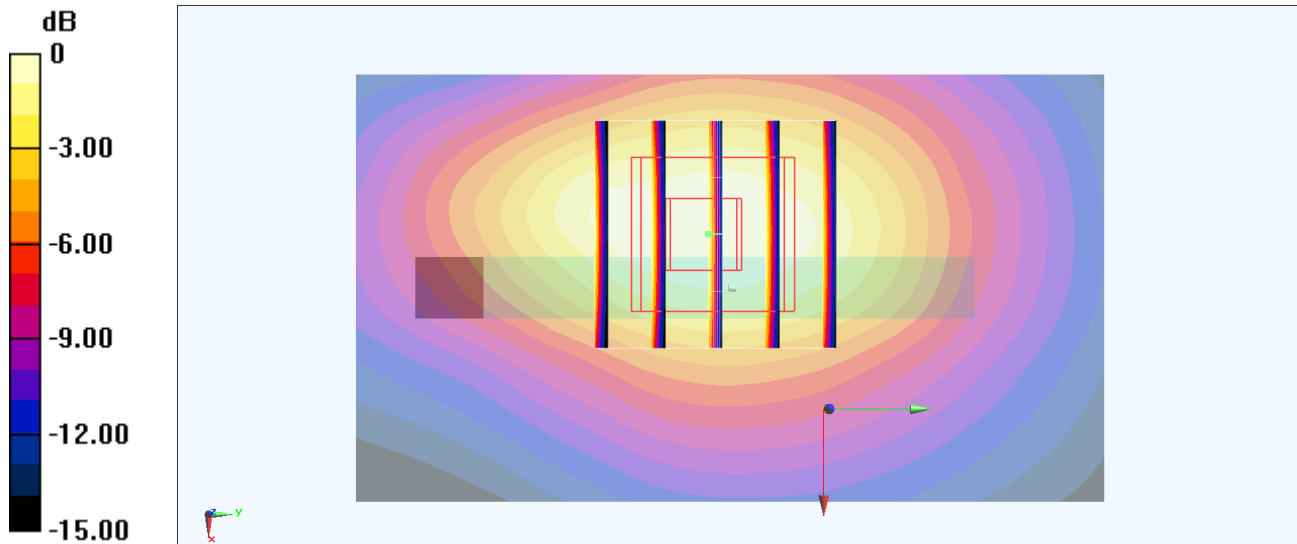
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.74 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.69 W/kg

**SAR(1 g) = 0.973 W/kg; SAR(10 g) = 0.556 W/kg**

Maximum value of SAR (measured) = 1.42 W/kg



0 dB = 1.42 W/kg = 1.52 dBW/kg



### #41\_LTE Band 71\_20M\_QPSK\_1\_0\_Left Side\_10mm\_Ch133297

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

Medium: HSL\_750\_190413 Medium parameters used (interpolated):  $f = 680.5$  MHz;  $\sigma = 0.849$  S/m;  $\epsilon_r = 41.334$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.4, 10.4, 10.4) @ 680.5 MHz; Calibrated: 2019/1/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2019/1/24
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (51x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

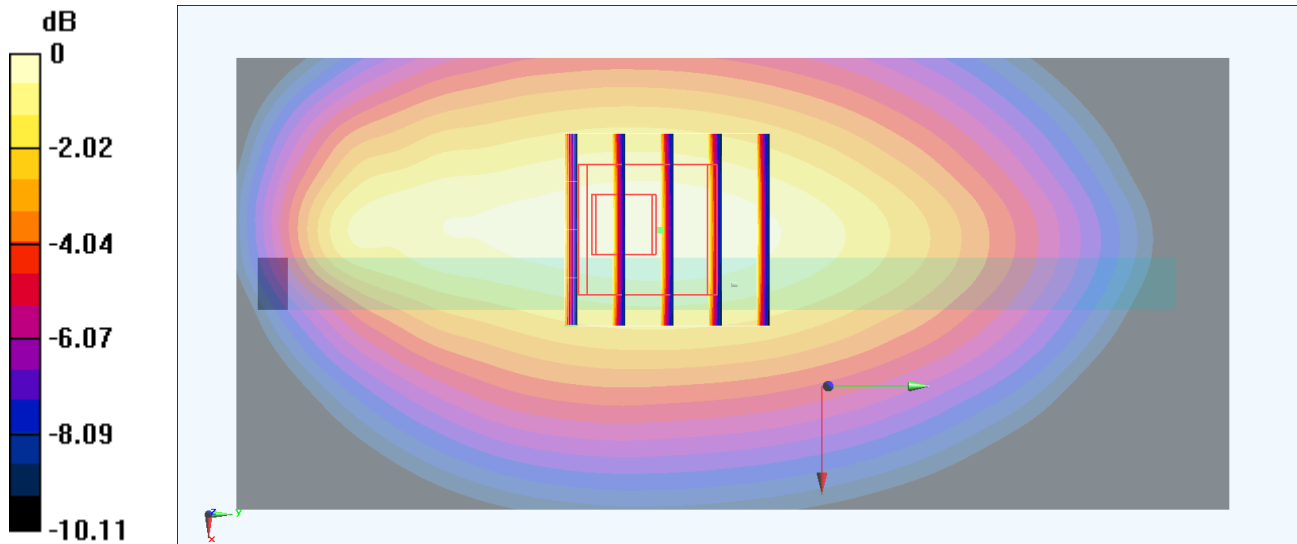
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.62 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.481 W/kg

**SAR(1 g) = 0.313 W/kg; SAR(10 g) = 0.213 W/kg**

Maximum value of SAR (measured) = 0.423 W/kg



0 dB = 0.423 W/kg = -3.74 dBW/kg

### #42\_LTE Band 41\_20M\_QPSK\_50\_50\_Back\_10mm\_Ch39750

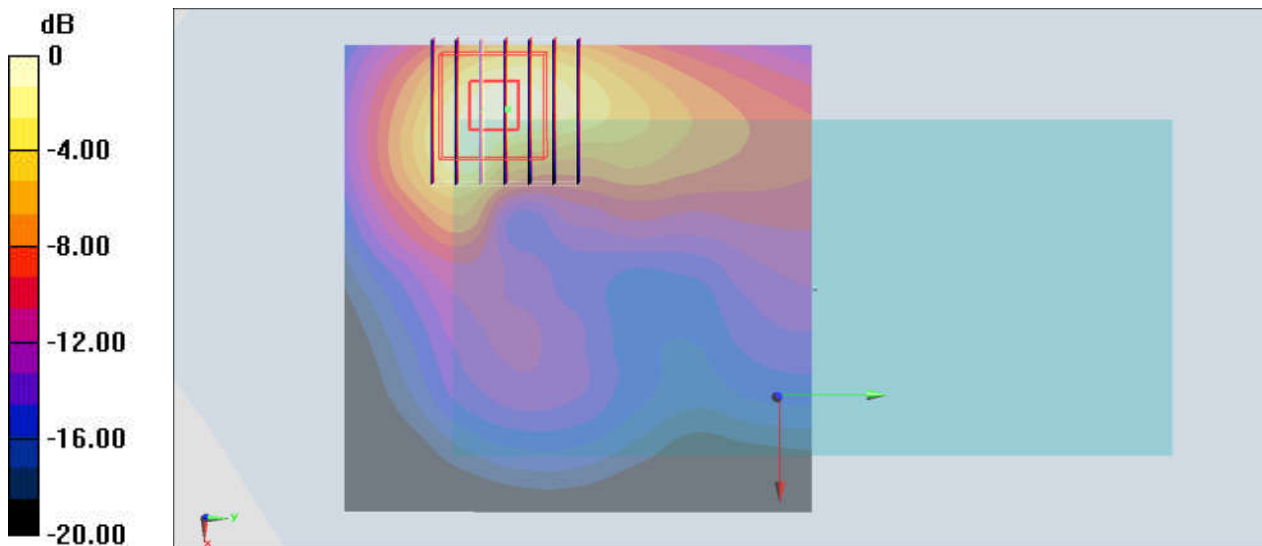
Communication System: LTE; Frequency: 2506 MHz; Duty Cycle: 1:1.59  
Medium: HSL\_2600\_190615 Medium parameters used :  $f = 2506$  MHz;  $\sigma = 1.84$  S/m;  $\epsilon_r = 39.571$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.43, 7.43, 7.43) @ 2506 MHz; Calibrated: 2019/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.38 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 24.46 V/m; Power Drift = -0.08 dB  
Peak SAR (extrapolated) = 1.91 W/kg  
**SAR(1 g) = 0.893 W/kg; SAR(10 g) = 0.399 W/kg**  
Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.51 W/kg = 1.79 dBW/kg

**#43\_LTE Band 48\_20M\_QPSK\_1\_49\_Back\_10mm\_Ch55340**

Communication System: LTE; Frequency: 3560 MHz; Duty Cycle: 1:1.59

Medium: HSL\_3500\_190615 Medium parameters used:  $f = 3560$  MHz;  $\sigma = 3.015$  S/m;  $\epsilon_r = 38.913$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.2, 7.2, 7.2) @ 3560 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 (7470)

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

Maximum value of SAR (interpolated) = 0.737 W/kg

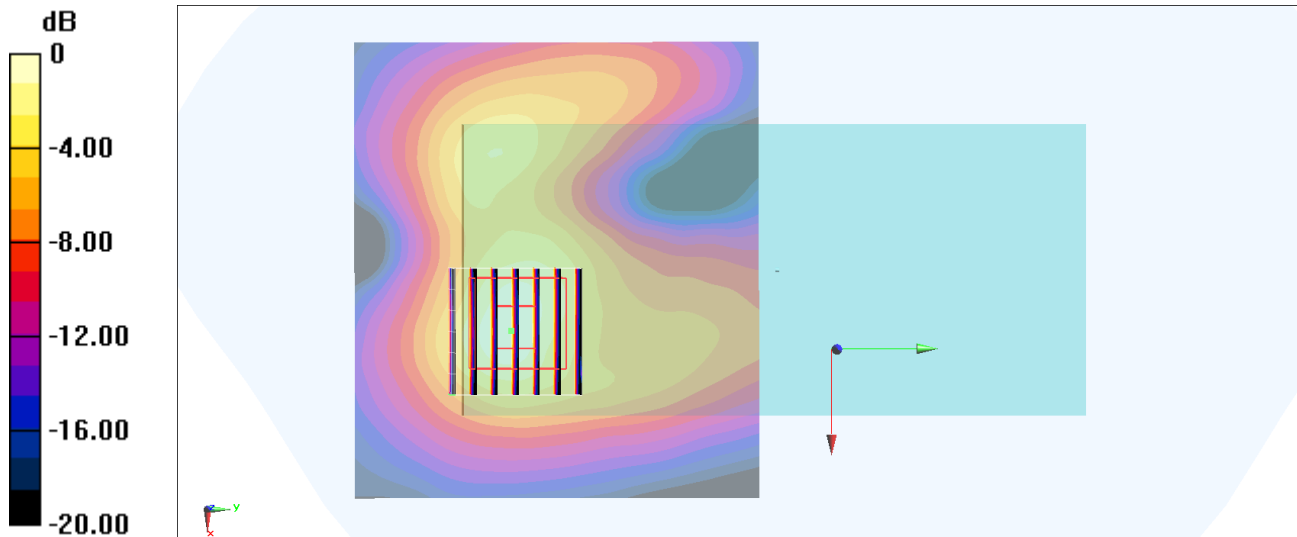
**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 14.41 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.993 W/kg

**SAR(1 g) = 0.412 W/kg; SAR(10 g) = 0.181 W/kg**

Maximum value of SAR (measured) = 0.751 W/kg



0 dB = 0.751 W/kg = -1.24 dBW/kg

### #44\_WLAN2.4GHz\_802.11b 1Mbps\_Right Side\_10mm\_Ch11;Ant 2+3

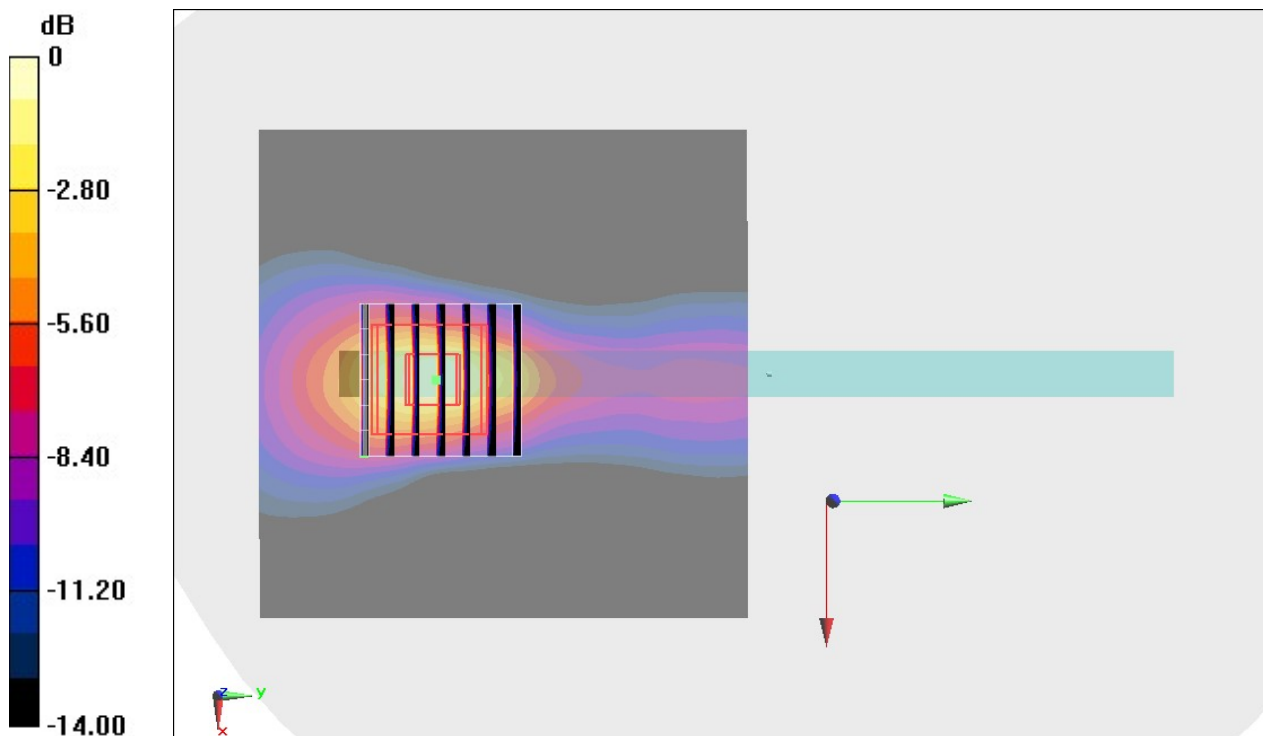
Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1.007  
Medium: HSL\_2450\_190625 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.817$  S/m;  $\epsilon_r = 39.961$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration

- Probe: EX3DV4 - SN7515;ConvF(7.42, 7.42, 7.42) @ 2462 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 (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.10 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 10.32 V/m; Power Drift = 0.10 dB  
Peak SAR (extrapolated) = 1.34 W/kg  
**SAR(1 g) = 0.580 W/kg; SAR(10 g) = 0.275 W/kg**  
Maximum value of SAR (measured) = 1.08 W/kg



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

## #45\_WLAN5GHz\_802.11n-HT40 MCS0\_Left Side\_Ch46;Ant 2+5

Communication System: 802.11n; Frequency: 5230 MHz; Duty Cycle: 1:1.048

Medium: HSL\_5G\_190622 Medium parameters used:  $f = 5230$  MHz;  $\sigma = 4.665$  S/m;  $\epsilon_r = 35.884$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(5.12, 5.12, 5.12) @ 5230 MHz; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (51x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.767 W/kg

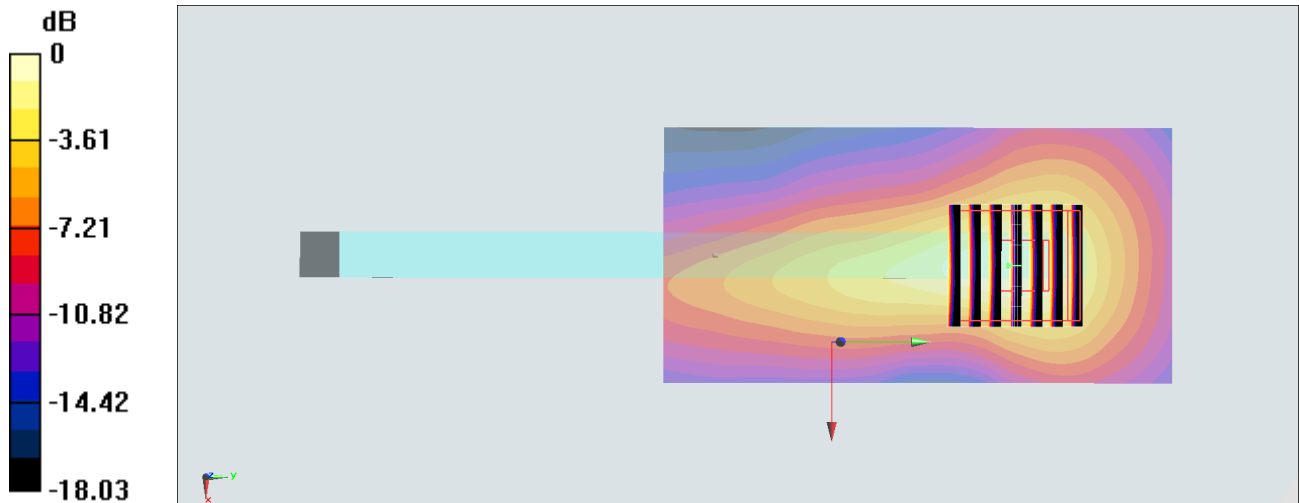
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.52 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.17 W/kg

**SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.124 W/kg**

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



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

## #46\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_10mm\_Ch155;Ant 2+5

Communication System: 802.11ac ; Frequency: 5775 MHz;Duty Cycle: 1:1.085

Medium: HSL\_5G\_190624 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.268$  S/m;  $\epsilon_r = 36.579$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °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 (61x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.817 W/kg

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

Reference Value = 9.417 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.41 W/kg

**SAR(1 g) = 0.321 W/kg; SAR(10 g) = 0.110 W/kg**

Maximum value of SAR (measured) = 0.831 W/kg

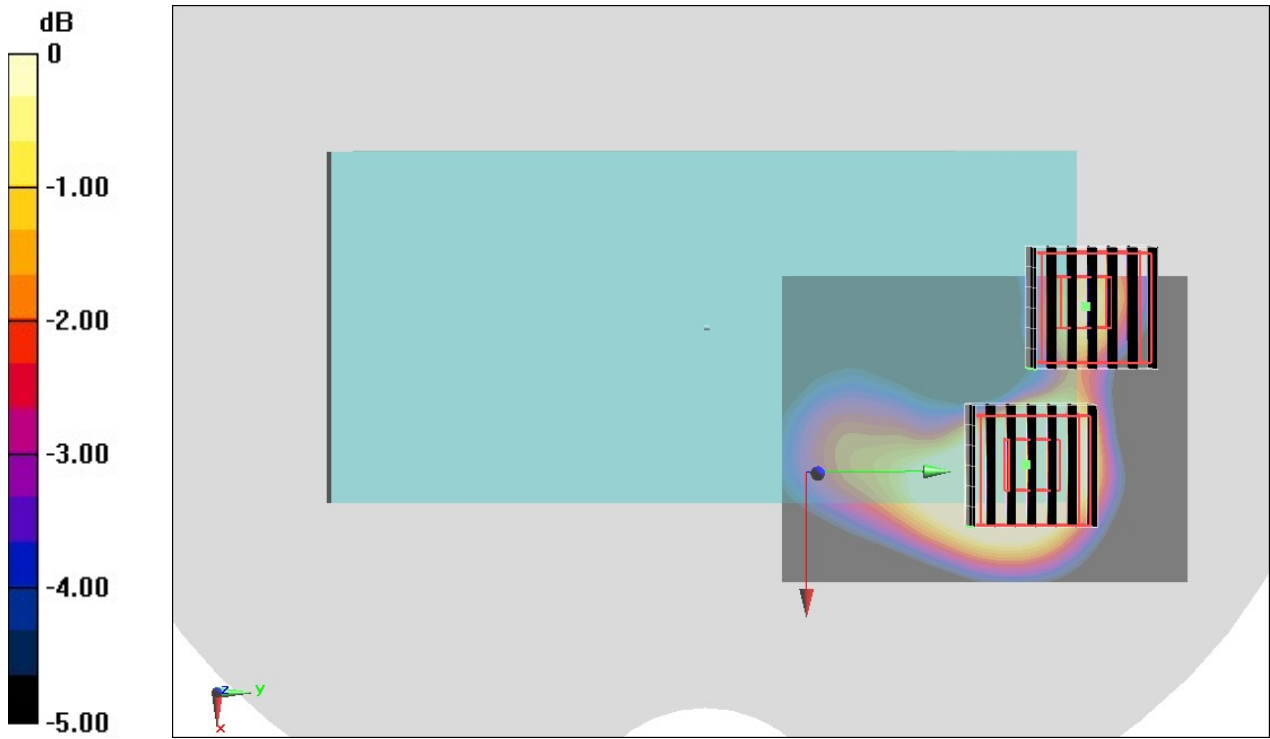
**Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.417 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.530 W/kg

**SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.043 W/kg**

Maximum value of SAR (measured) = 0.294 W/kg



### #47\_Bluetooth\_1Mbps\_Left Side\_10mm\_Ch00\_Ant 2

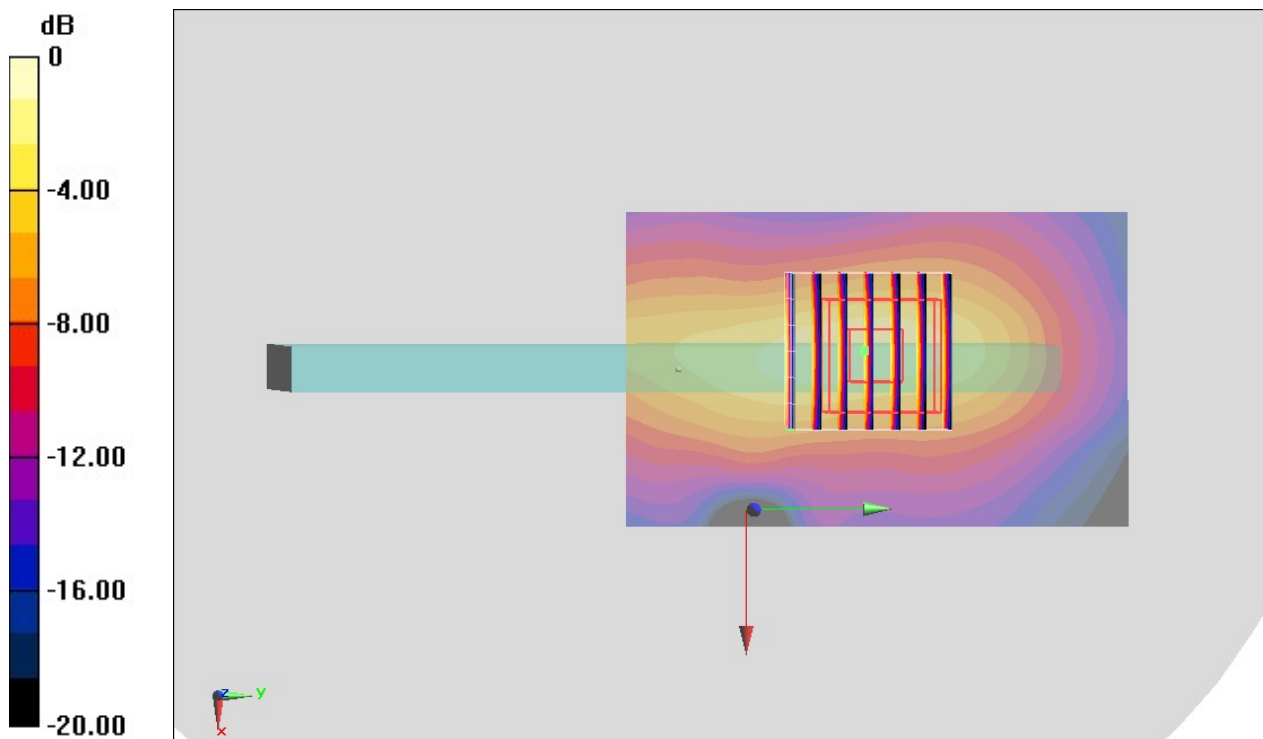
Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.301  
Medium: HSL\_2450\_190625 Medium parameters used :  $f = 2402$  MHz;  $\sigma = 1.755$  S/m;  $\epsilon_r = 40.196$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

#### 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 (51x81x1):** 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 = 3.386 V/m; Power Drift = 0.18 dB  
Peak SAR (extrapolated) = 0.354 W/kg  
**SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.069 W/kg**  
Maximum value of SAR (measured) = 0.285 W/kg



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