

**#16\_GSM850\_GPRS (1 Tx slot)\_Back\_10mm\_Ch251**

Communication System: GSM850 ; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: HSL\_850\_190503 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.903$  S/m;  $\epsilon_r = 41.864$ ;  $\rho = 1000$  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) ; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- 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 (71x131x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.513 W/kg

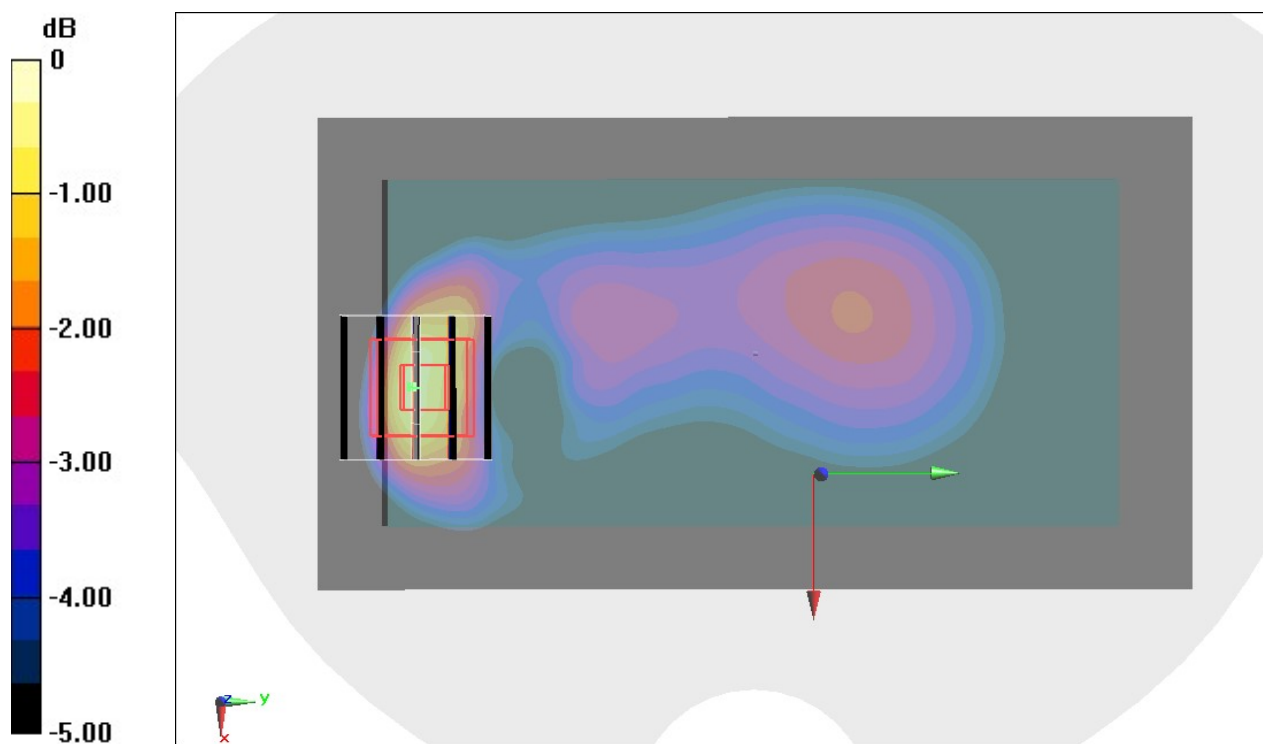
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 16.74 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.893 W/kg

**SAR(1 g) = 0.465 W/kg; SAR(10 g) = 0.250 W/kg**

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



**#17\_GSM1900\_GPRS (4 Tx slots)\_Back\_10mm\_Ch512**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2.08

Medium: HSL\_1900\_190429 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.363$  S/m;  $\epsilon_r = 40.892$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: ES3DV3 - SN3124; ConvF(4.95, 4.95, 4.95) ; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- 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 (71x131x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.468 W/kg

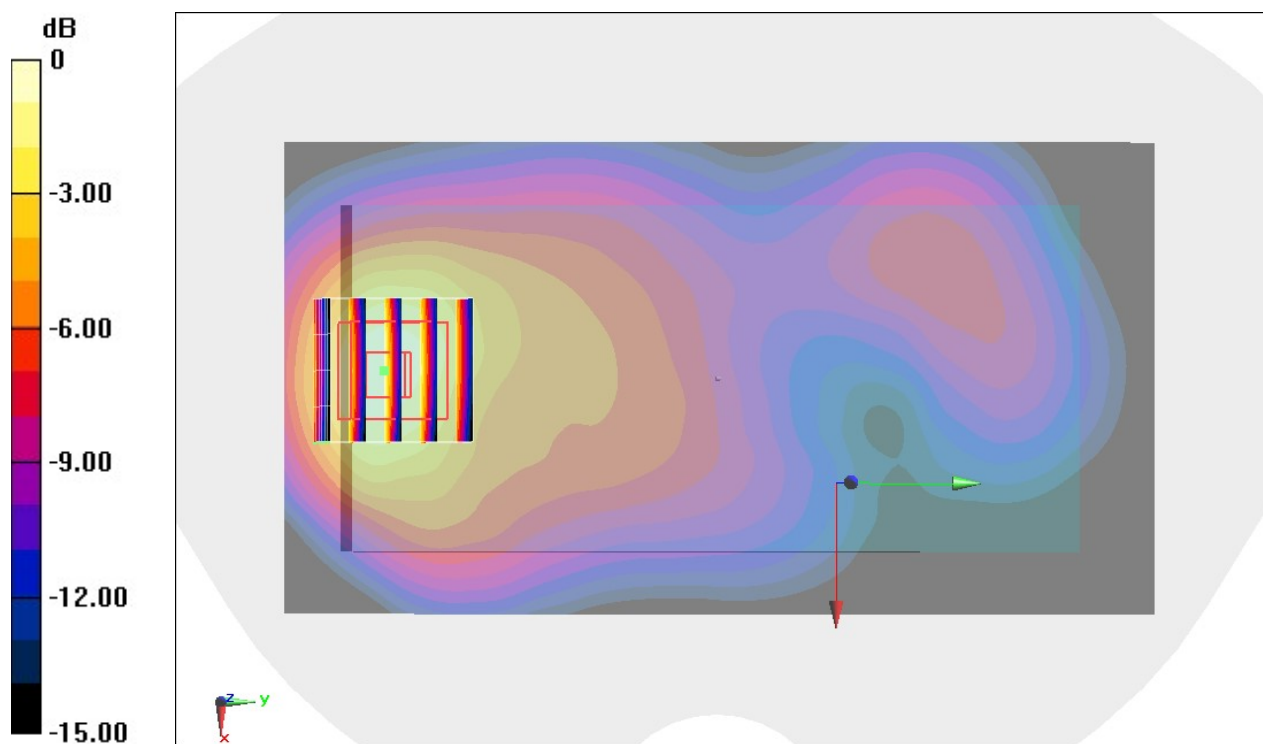
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 18.43 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.670 W/kg

**SAR(1 g) = 0.393 W/kg; SAR(10 g) = 0.224 W/kg**

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



**#18\_WCDMA II\_RMC 12.2Kbps\_Back\_10mm\_Ch9400**

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

Medium: HSL\_1900\_190429 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.389$  S/m;  $\epsilon_r = 40.788$ ;

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

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

**DASY5 Configuration**

- Probe: ES3DV3 - SN3124; ConvF(4.95, 4.95, 4.95) ; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- 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 (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.750 W/kg

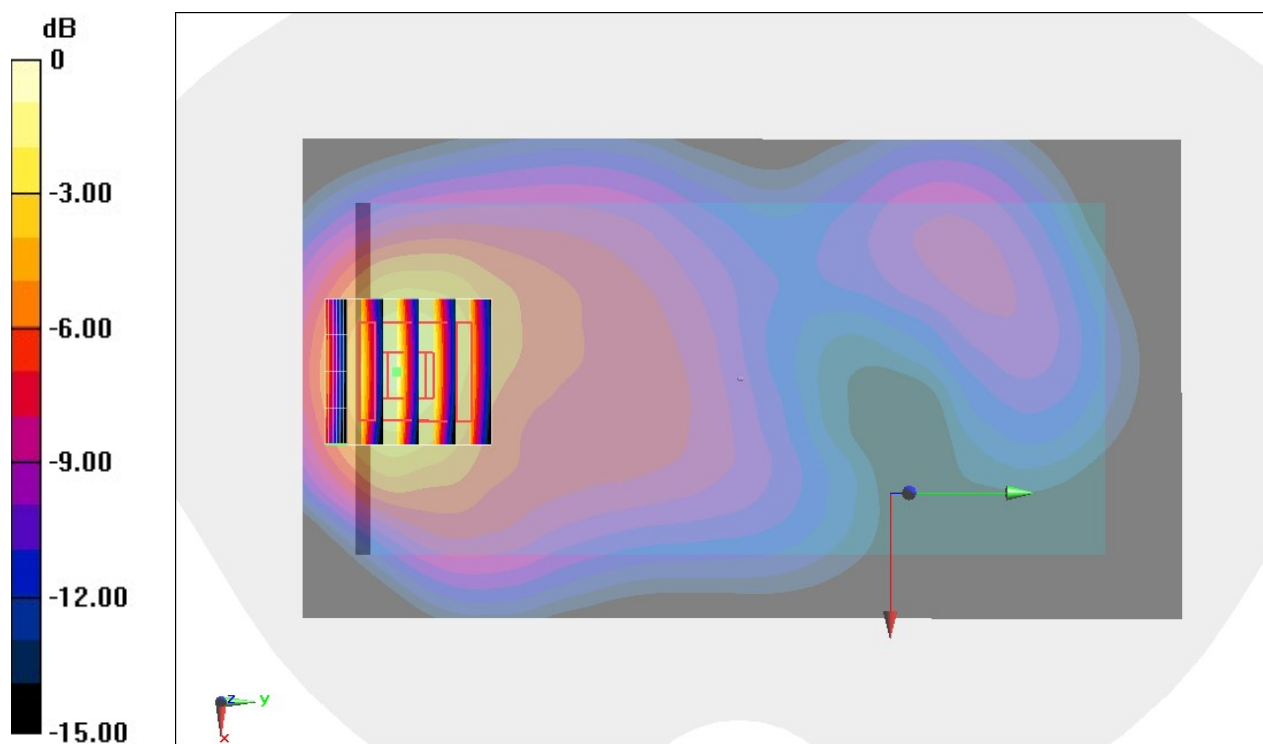
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.62 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.61 W/kg

**SAR(1 g) = 0.907 W/kg; SAR(10 g) = 0.529 W/kg**

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



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

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

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

Medium: HSL\_850\_190503 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.891$  S/m;  $\epsilon_r = 42.026$ ;

$\rho = 1000$  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) ; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- 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 (71x131x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.645 W/kg

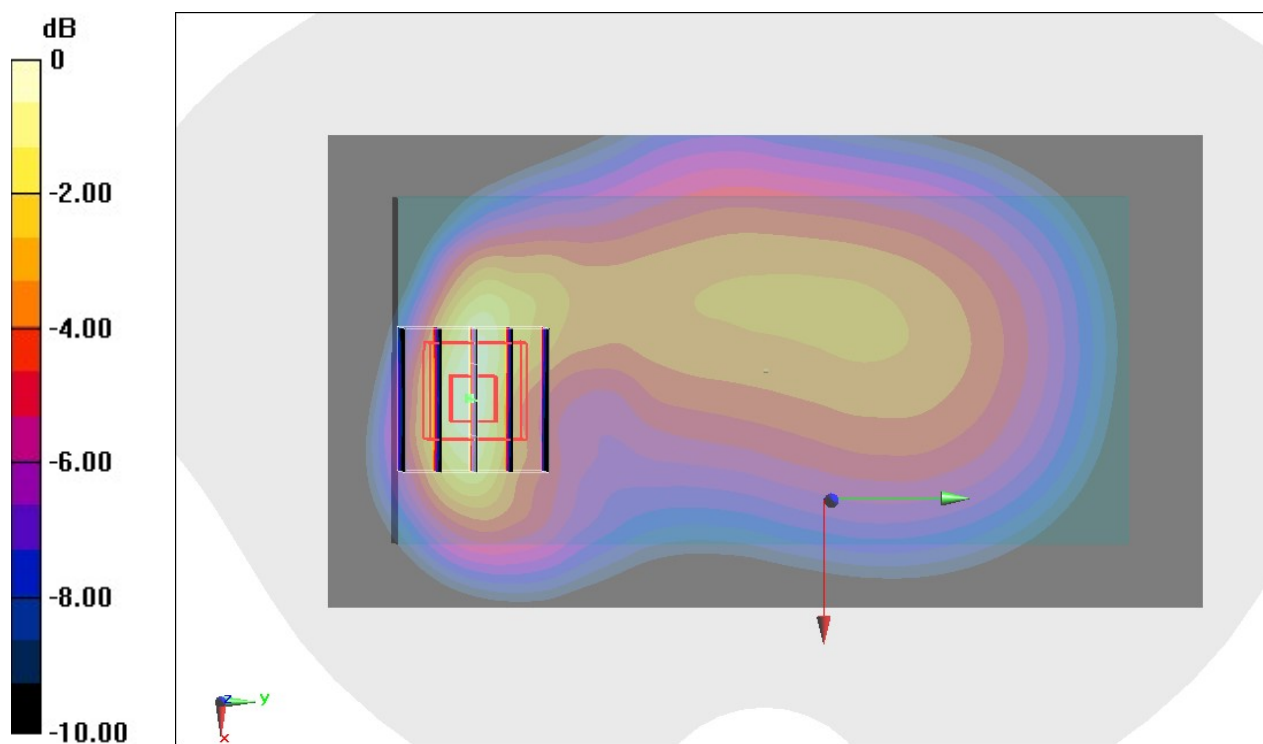
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 21.45 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.943 W/kg

**SAR(1 g) = 0.517 W/kg; SAR(10 g) = 0.289 W/kg**

Maximum value of SAR (measured) = 0.649 W/kg



**#20\_LTE Band 2\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch19100**

Communication System: LTE ; Frequency: 1900 MHz;Duty Cycle: 1:1

Medium: HSL\_1900\_190429 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.409$  S/m;  $\epsilon_r = 40.708$ ;

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

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

**DASY5 Configuration**

- Probe: ES3DV3 - SN3124;ConvF(4.95, 4.95, 4.95) ;Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- 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 (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.07 W/kg

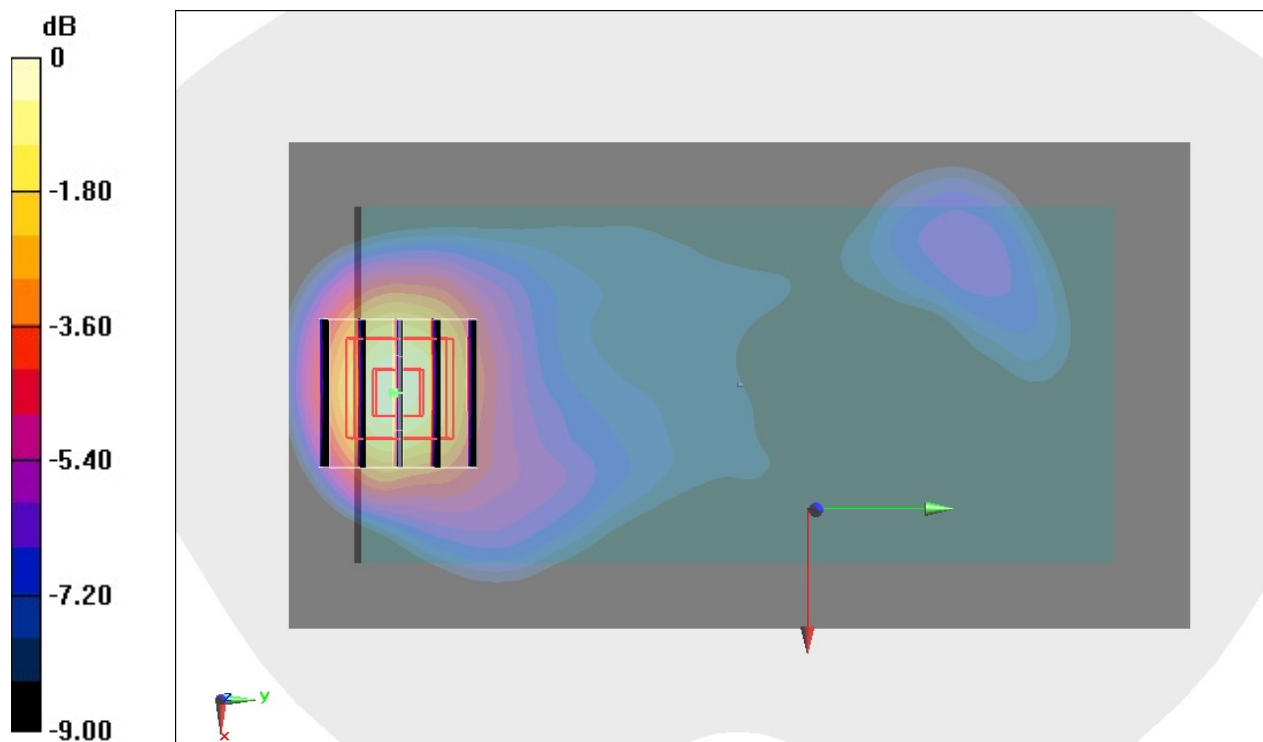
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.62 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.52 W/kg

**SAR(1 g) = 0.881 W/kg; SAR(10 g) = 0.493 W/kg**

Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.09 W/kg = 0.37 dBW/kg

**#21\_LTE Band 4\_20M\_QPSK\_1\_49\_Back\_10mm\_Ch20175**

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

Medium: HSL\_1750\_190429 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.347$  S/m;  $\epsilon_r = 39.491$ ;

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

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

**DASY5 Configuration**

- Probe: ES3DV3 - SN3124; ConvF(5.18, 5.18, 5.18) ; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- 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 (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.578 W/kg

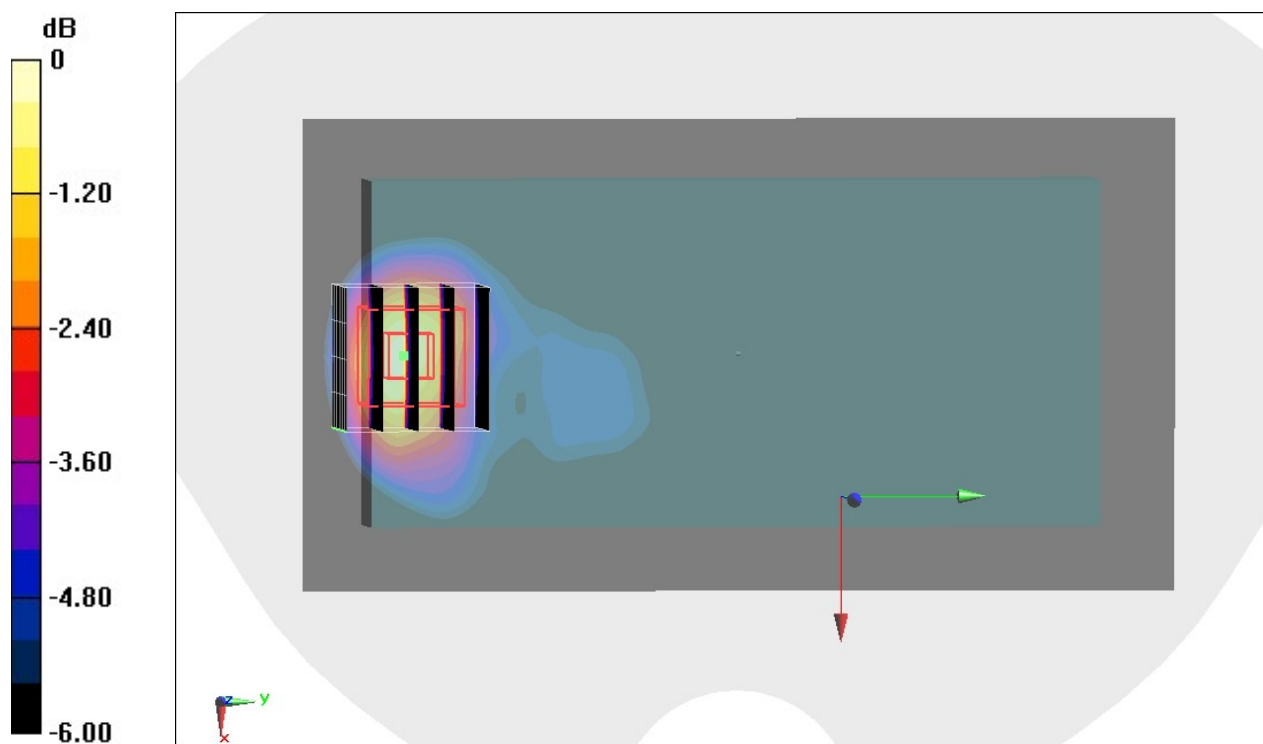
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.43 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.805 W/kg

**SAR(1 g) = 0.500 W/kg; SAR(10 g) = 0.289 W/kg**

Maximum value of SAR (measured) = 0.611 W/kg



0 dB = 0.611 W/kg = -2.14 dBW/kg

**#22\_LTE Band 5\_10M\_QPSK\_1\_25\_Back\_10mm\_Ch20525**

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

Medium: HSL\_850\_190503 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.891$  S/m;  $\epsilon_r = 42.024$ ;  
 $\rho = 1000$  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) ; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- 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 (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.476 W/kg

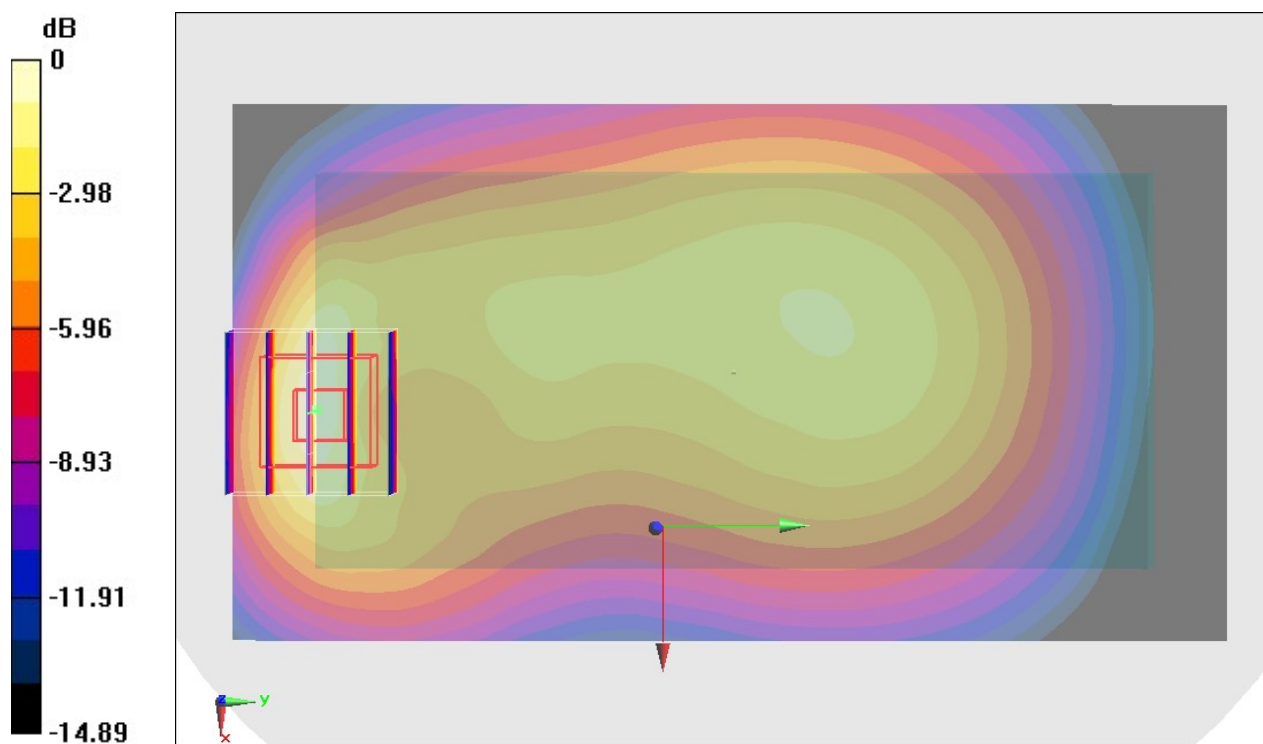
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.11 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.720 W/kg

**SAR(1 g) = 0.387 W/kg; SAR(10 g) = 0.211 W/kg**

Maximum value of SAR (measured) = 0.484 W/kg



0 dB = 0.484 W/kg = -3.15 dBW/kg

**#23\_LTE Band 7\_20M\_QPSK\_1\_99\_Left Side\_10mm\_Ch21100**

Communication System: LTE ; Frequency: 2535 MHz;Duty Cycle: 1:1

Medium: HSL\_2600\_190502 Medium parameters used :  $f = 2535$  MHz;  $\sigma = 1.914$  S/m;  $\epsilon_r = 38.164$ ;

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

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

**DASY5 Configuration**

- Probe: ES3DV3 - SN3124;ConvF(4.37, 4.37, 4.37) ;Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- 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 (61x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.28 W/kg

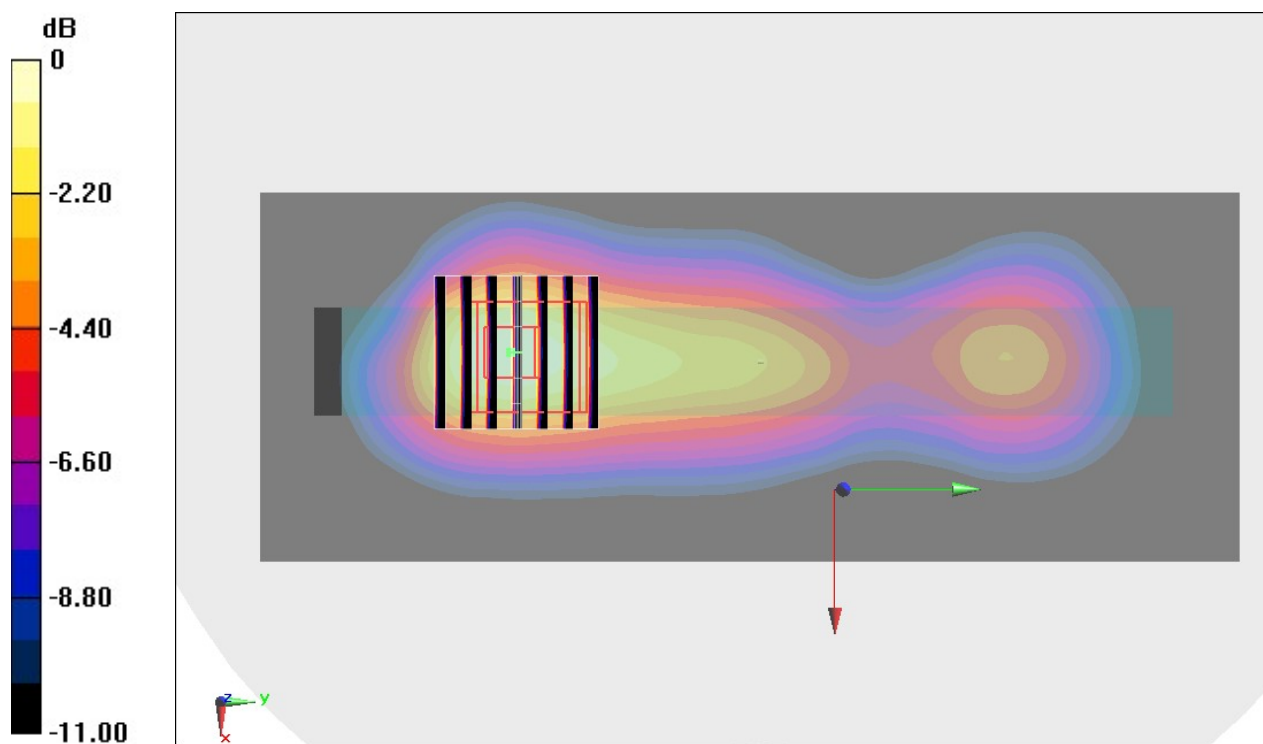
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.65 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 2.04 W/kg

**SAR(1 g) = 0.982 W/kg; SAR(10 g) = 0.484 W/kg**

Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26 W/kg = 1.00 dBW/kg

**#24\_LTE Band 17\_10M\_QPSK\_1\_49\_Back\_10mm\_Ch23790**

Communication System: LTE ; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_190503 Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.855$  S/m;  $\epsilon_r = 41.014$ ;  $\rho = 1000$  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) ; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- 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 (71x131x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

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

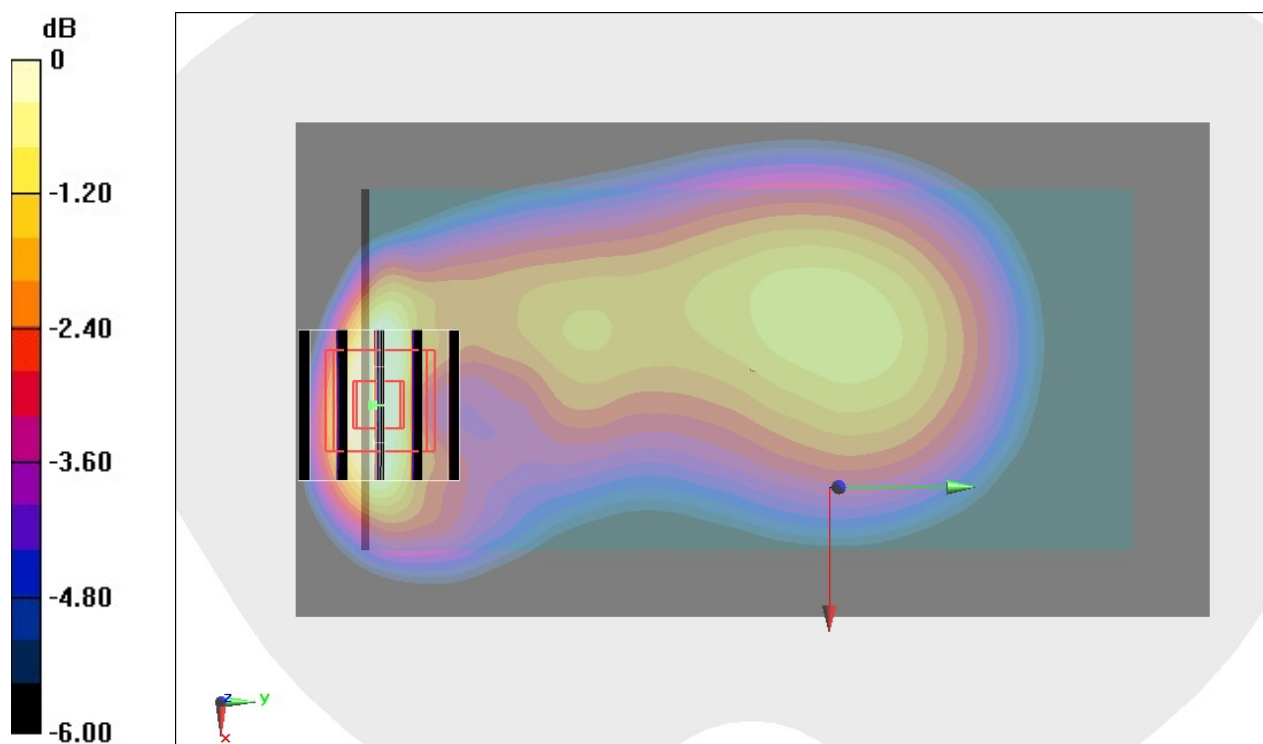
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 16.70 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.520 W/kg

**SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.153 W/kg**

Maximum value of SAR (measured) = 0.349 W/kg



0 dB = 0.349 W/kg = -4.57 dBW/kg

**#25\_LTE Band 41\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch41140**

Communication System: LTE ; Frequency: 2645 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600\_190502 Medium parameters used :  $f = 2645$  MHz;  $\sigma = 2.041$  S/m;  $\epsilon_r = 37.741$ ;

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

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

**DASY5 Configuration**

- Probe: ES3DV3 - SN3124; ConvF(4.37, 4.37, 4.37) ; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- 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 (91x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.841 W/kg

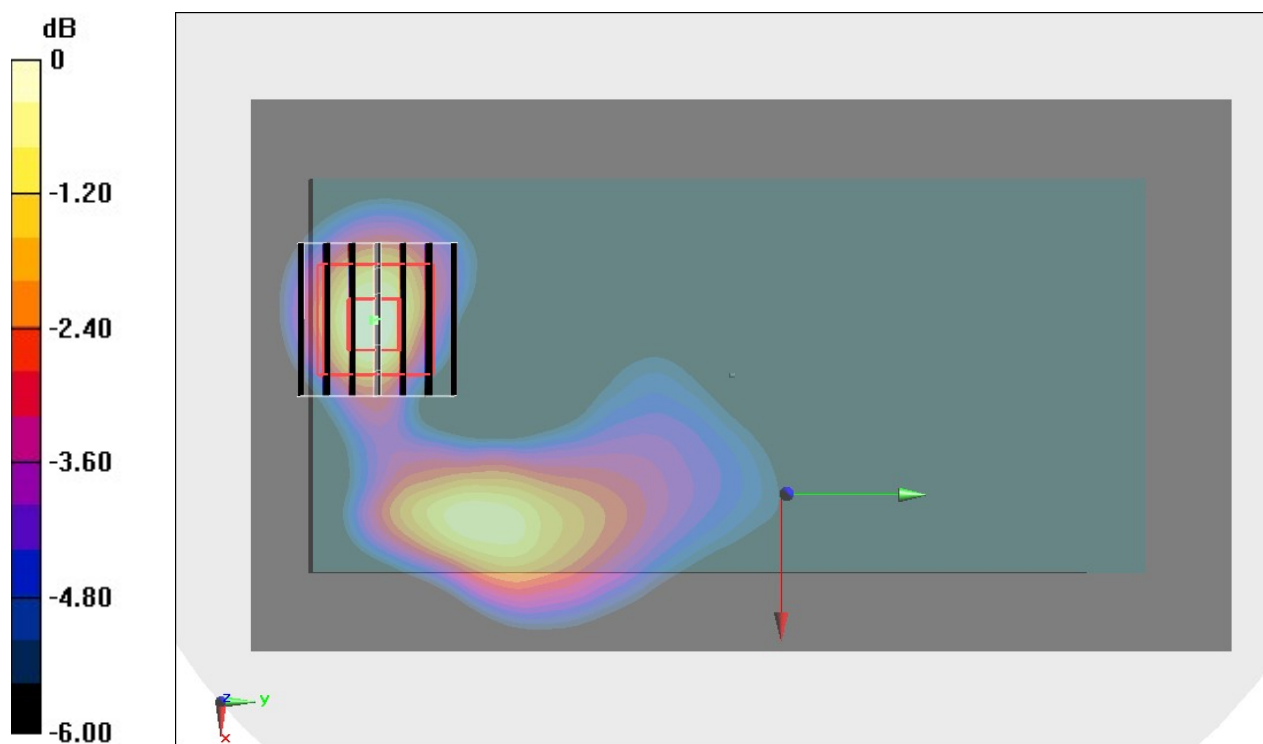
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.52 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.30 W/kg

**SAR(1 g) = 0.620 W/kg; SAR(10 g) = 0.293 W/kg**

Maximum value of SAR (measured) = 0.814 W/kg



0 dB = 0.814 W/kg = -0.89 dBW/kg

**#26\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_10mm\_Ch6;Ant 2**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.008

Medium: HSL\_2450\_190507 Medium parameters used :  $f = 2437$  MHz;  $\sigma = 1.807$  S/m;  $\epsilon_r = 39.724$ ;

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

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

**DASY5 Configuration**

- Probe: ES3DV3 - SN3124; ConvF(4.49, 4.49, 4.49) ; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- 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 (81x111x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

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

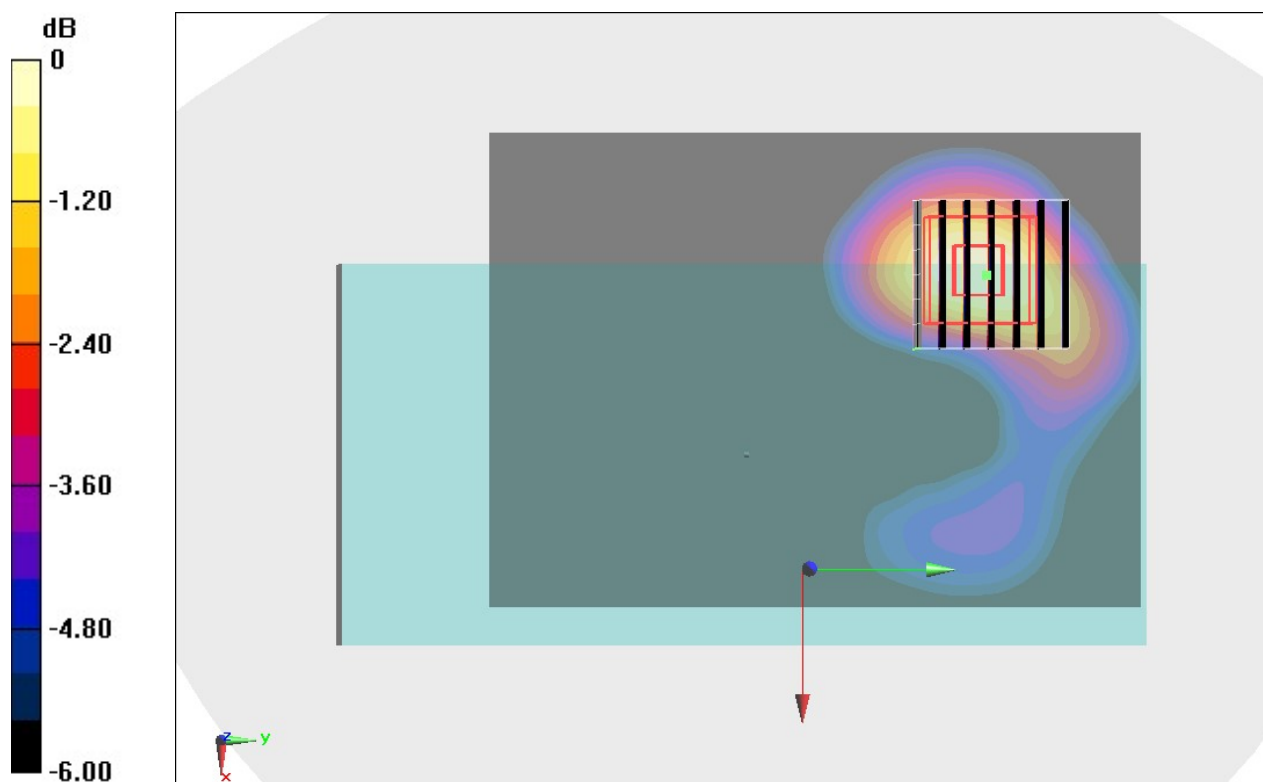
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 9.327 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.263 W/kg

**SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.075 W/kg**

Maximum value of SAR (measured) = 0.172 W/kg



0 dB = 0.172 W/kg = -7.64 dBW/kg

**#27\_WLAN5GHz\_802.11n-HT40 MCS0\_Back\_10mm\_Ch46;Ant 2**

Communication System: 802.11n; Frequency: 5230 MHz; Duty Cycle: 1:1.122

Medium: HSL\_5G\_190506 Medium parameters used:  $f = 5230$  MHz;  $\sigma = 4.701$  S/m;  $\epsilon_r = 36.006$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3728; ConvF(4.77, 4.77, 4.77) ; Calibrated: 2019/1/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- 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 (121x81x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 0.426 W/kg

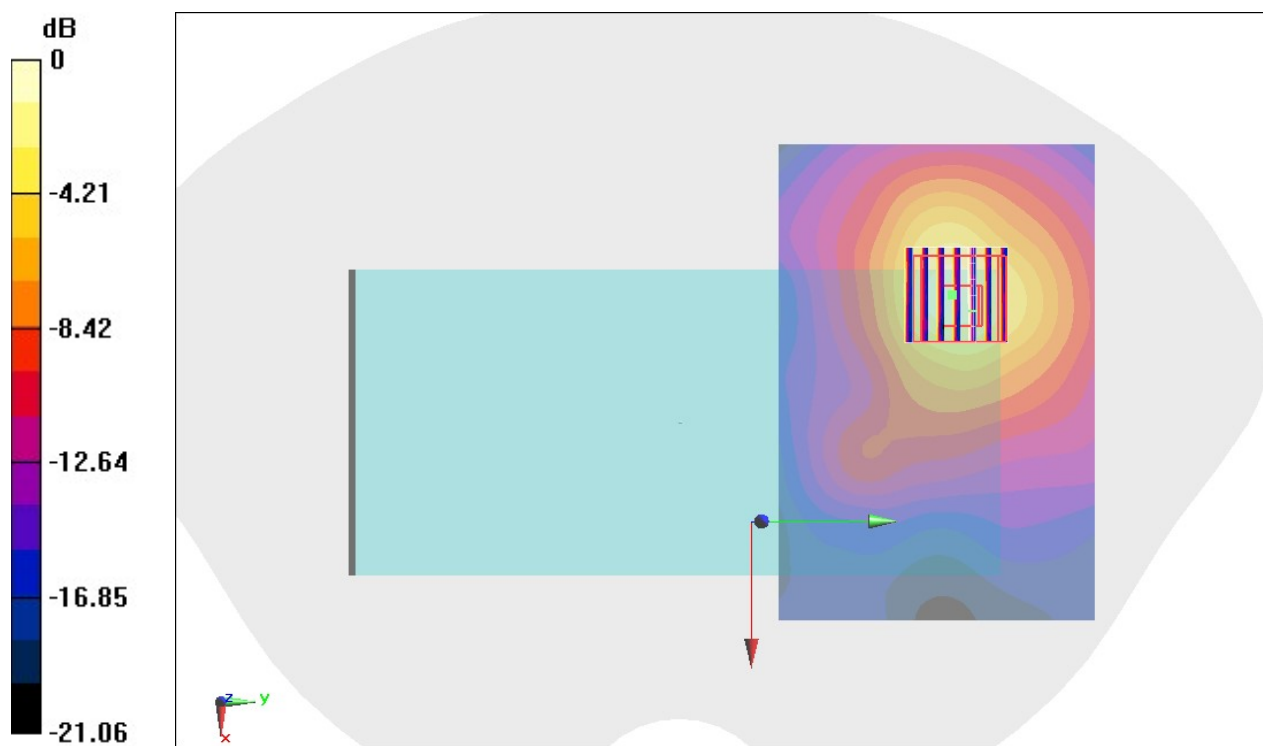
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 10.52 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.745 W/kg

**SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.088 W/kg**

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



**#28\_WLAN5GHz\_802.11n-HT40 MCS0\_Back\_10mm\_Ch151;Ant 2**

Communication System: 802.11n; Frequency: 5755 MHz; Duty Cycle: 1:1.122

Medium: HSL\_5G\_190506 Medium parameters used :  $f = 5755$  MHz;  $\sigma = 5.228$  S/m;  $\epsilon_r = 35.376$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3728; ConvF(4.26, 4.26, 4.26) ; Calibrated: 2019/1/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- 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 (121x81x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 0.552 W/kg

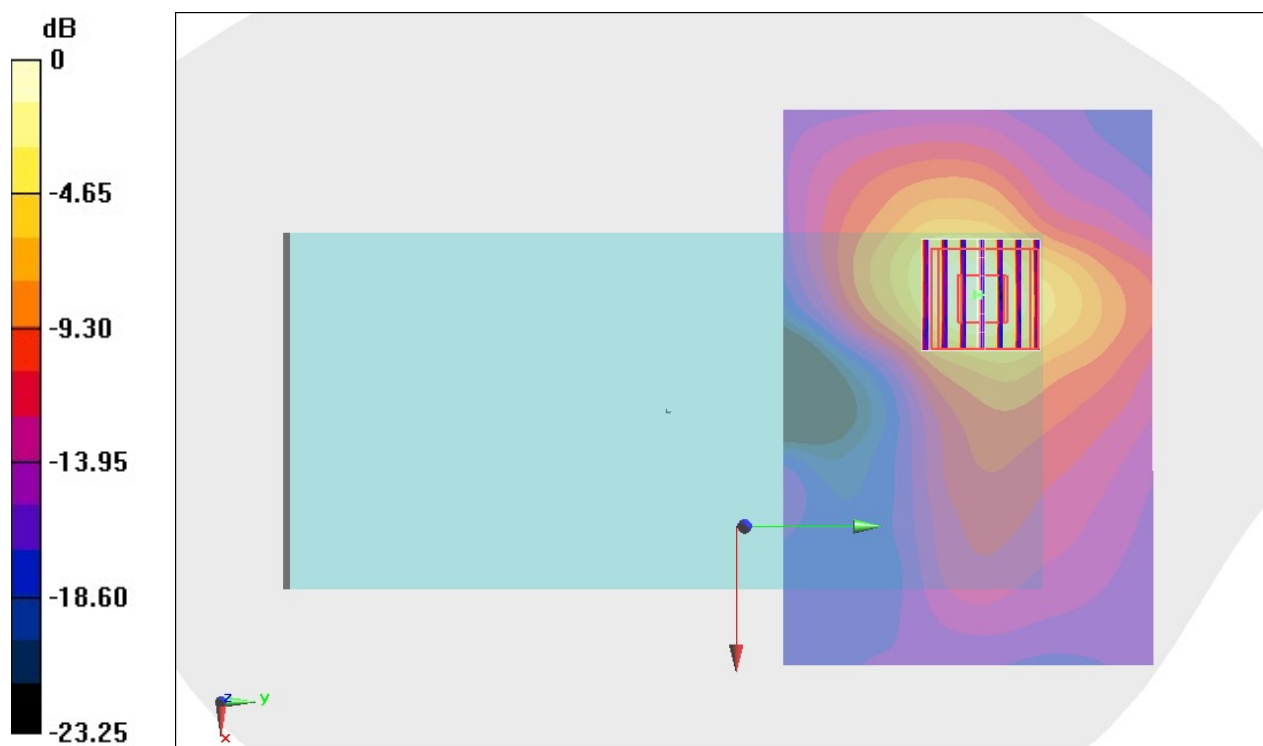
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 10.61 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.974 W/kg

**SAR(1 g) = 0.230 W/kg; SAR(10 g) = 0.088 W/kg**

Maximum value of SAR (measured) = 0.534 W/kg



0 dB = 0.534 W/kg = -2.72 dBW/kg

**#29\_Bluetooth\_1Mbps\_Back\_10mm\_Ch0;Ant 1**

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

Medium: HSL\_2450\_190507 Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.77$  S/m;  $\epsilon_r = 39.858$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: ES3DV3 - SN3124; ConvF(4.49, 4.49, 4.49) ; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- 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 (61x111x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.0932 W/kg

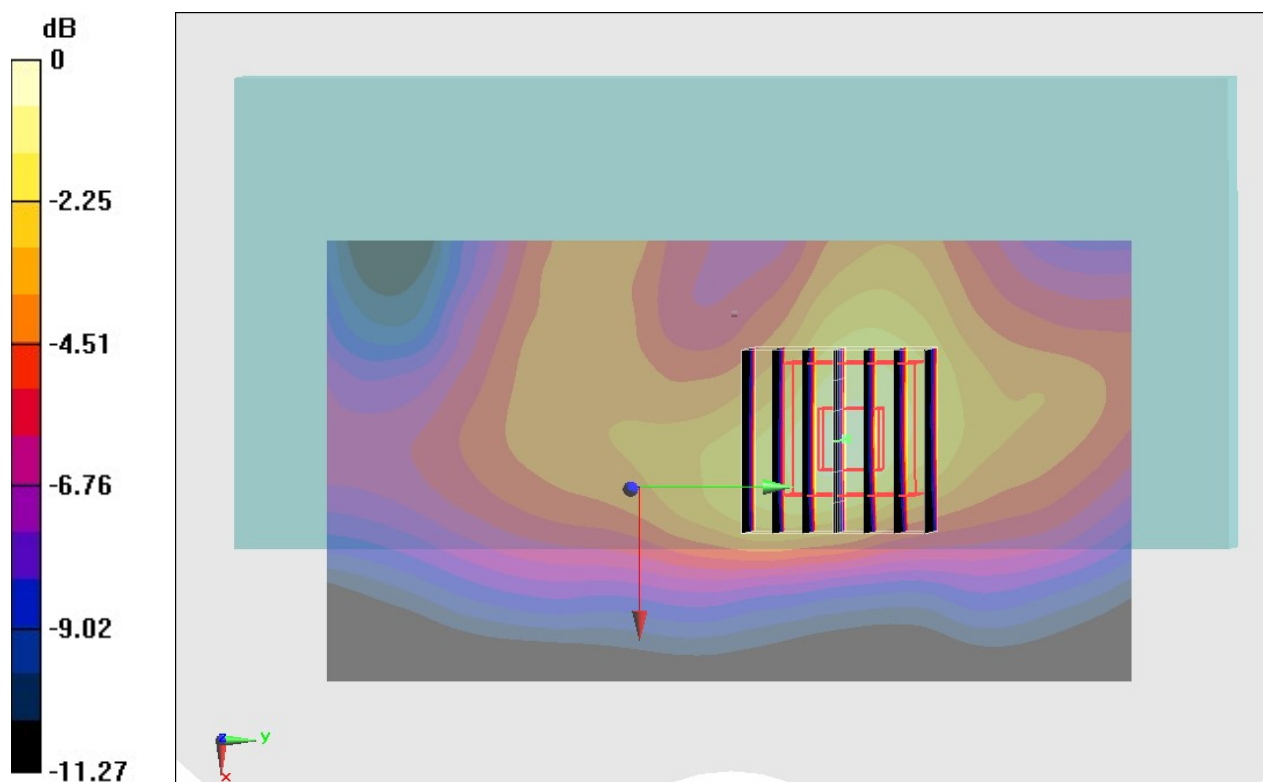
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 6.759 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.153 W/kg

**SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.012 W/kg**

Maximum value of SAR (measured) = 0.0969 W/kg



**#30\_GSM850\_GPRS (1 Tx slot)\_Back\_10mm\_Ch251**

Communication System: GSM850 ; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: HSL\_850\_190503 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.903$  S/m;  $\epsilon_r = 41.864$ ;  $\rho = 1000$  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) ; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- 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 (71x131x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.513 W/kg

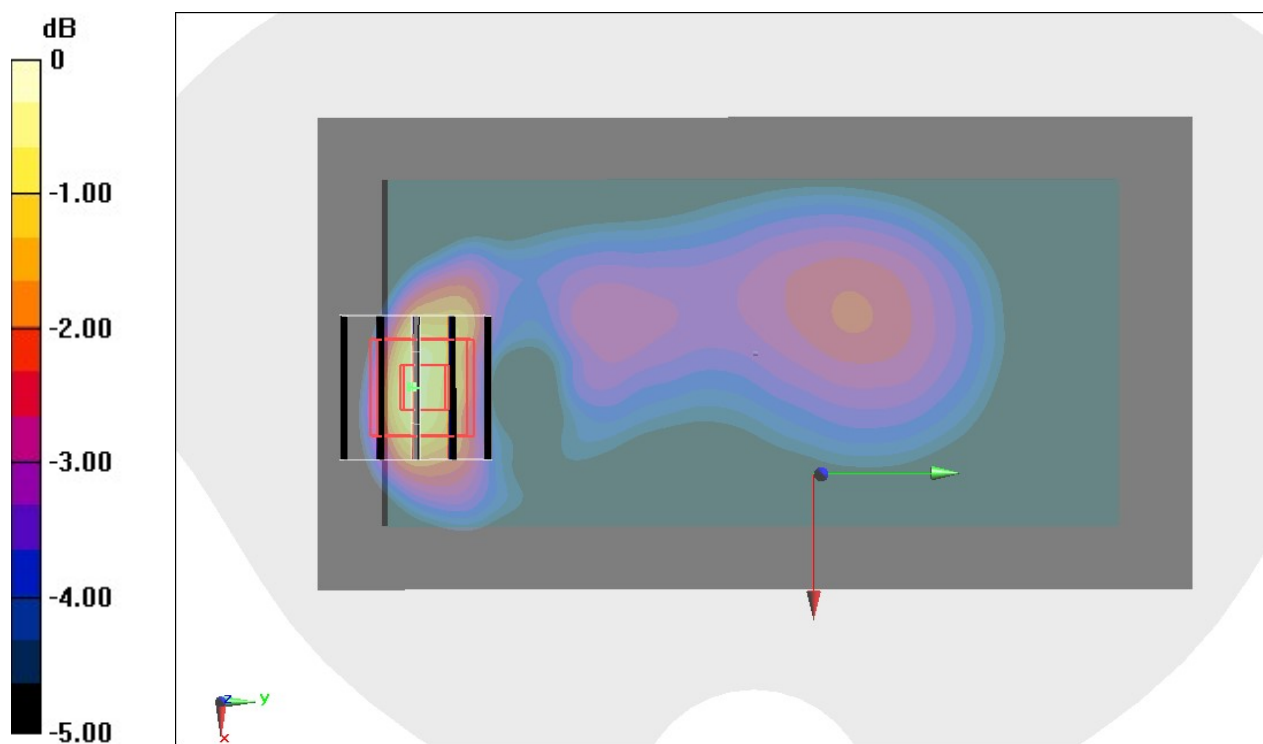
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 16.74 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.893 W/kg

**SAR(1 g) = 0.465 W/kg; SAR(10 g) = 0.250 W/kg**

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



0 dB = 0.564 W/kg = -2.49 dBW/kg

**#31\_GSM1900\_GPRS (4 Tx slots)\_Back\_10mm\_Ch512**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2.08

Medium: HSL\_1900\_190429 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.363$  S/m;  $\epsilon_r = 40.892$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: ES3DV3 - SN3124; ConvF(4.95, 4.95, 4.95) ; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- 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 (71x131x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.468 W/kg

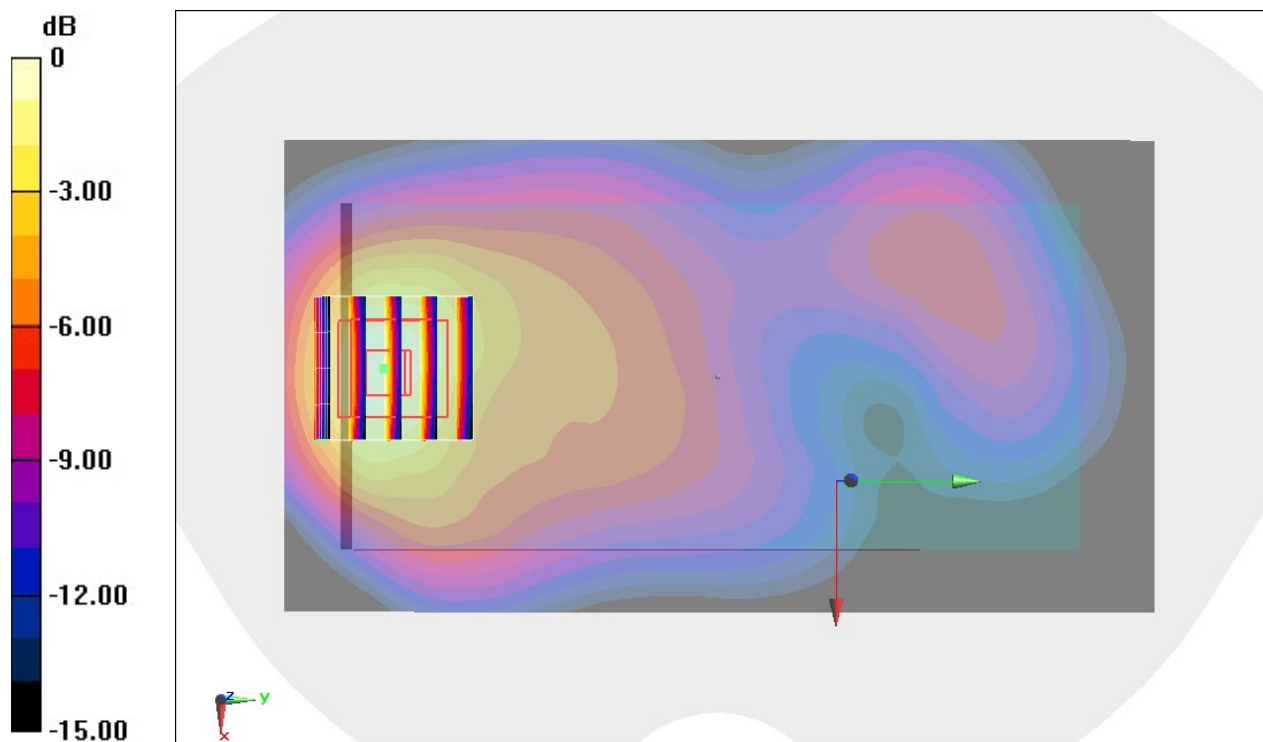
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 18.43 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.670 W/kg

**SAR(1 g) = 0.393 W/kg; SAR(10 g) = 0.224 W/kg**

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



**#32\_WCDMA II\_RMC 12.2Kbps\_Back\_10mm\_Ch9400**

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

Medium: HSL\_1900\_190429 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.389$  S/m;  $\epsilon_r = 40.788$ ;

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

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

**DASY5 Configuration**

- Probe: ES3DV3 - SN3124; ConvF(4.95, 4.95, 4.95) ; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- 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 (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.750 W/kg

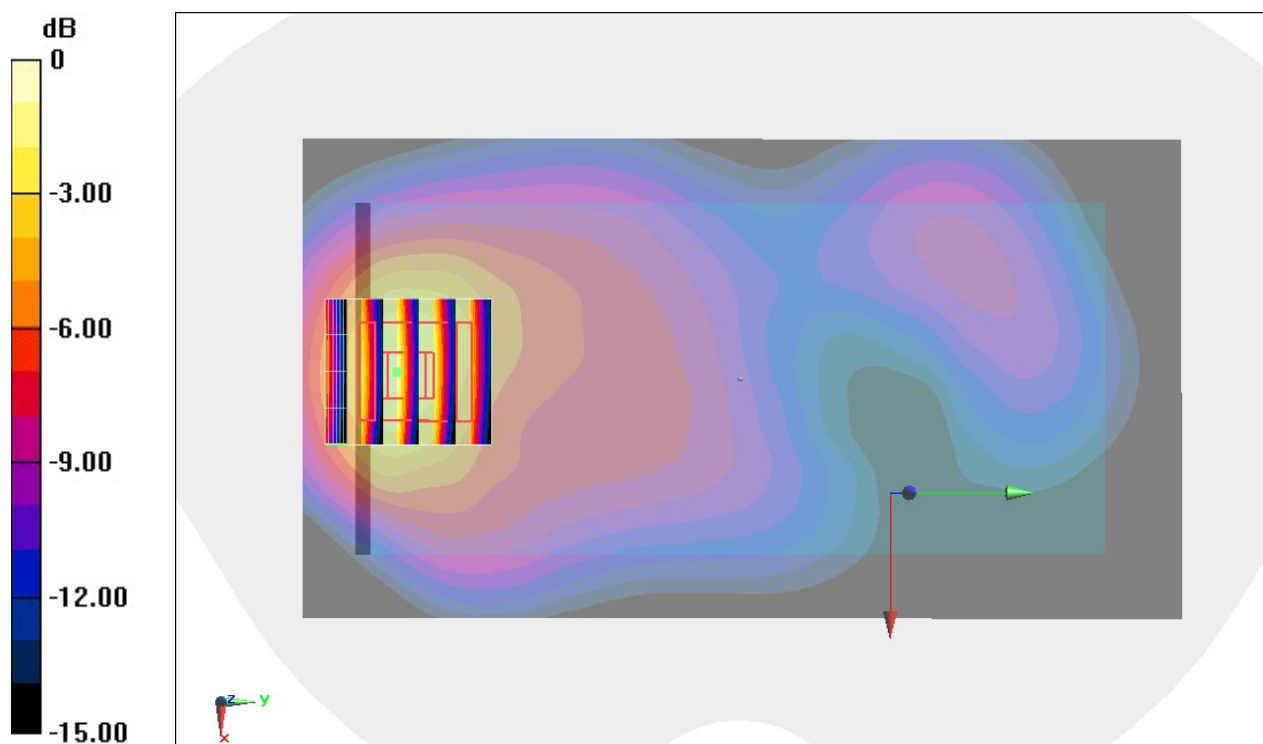
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.62 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.61 W/kg

**SAR(1 g) = 0.907 W/kg; SAR(10 g) = 0.529 W/kg**

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



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

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

Medium: HSL\_850\_190503 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.891$  S/m;  $\epsilon_r = 42.026$ ;

$\rho = 1000$  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) ; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- 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 (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.645 W/kg

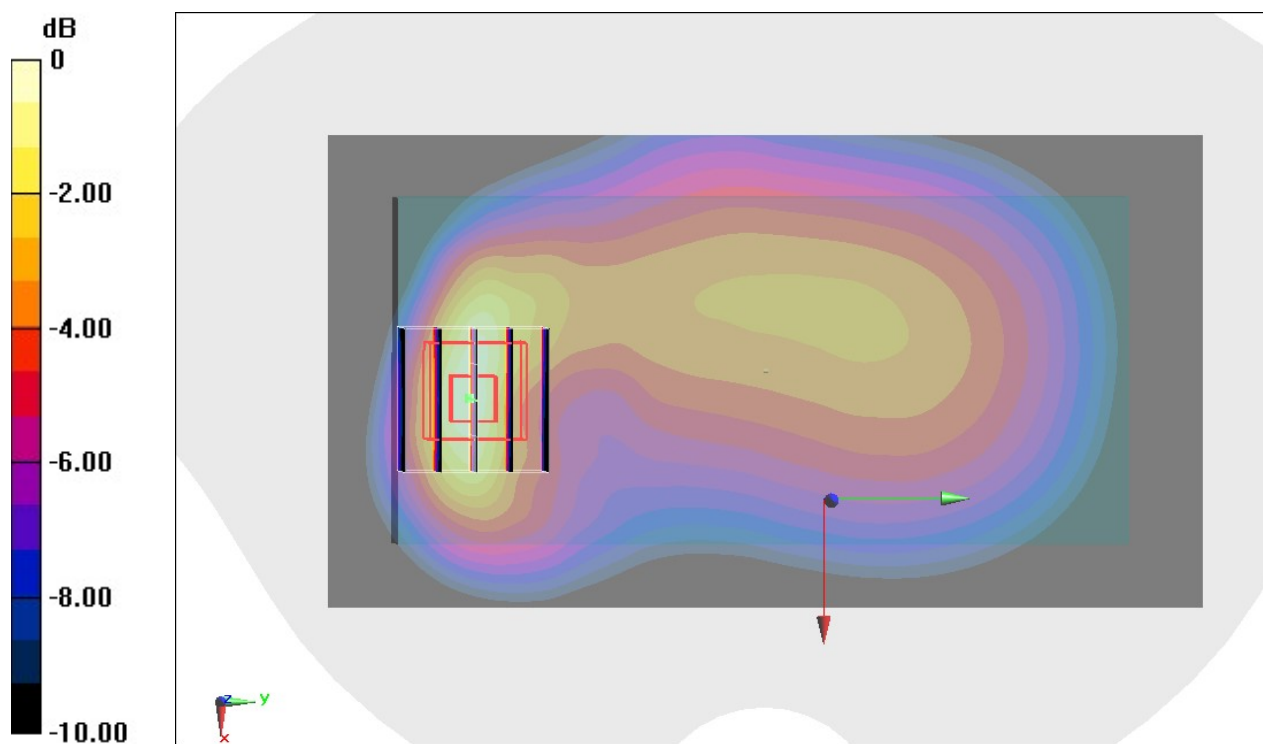
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.45 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.943 W/kg

**SAR(1 g) = 0.517 W/kg; SAR(10 g) = 0.289 W/kg**

Maximum value of SAR (measured) = 0.649 W/kg



0 dB = 0.649 W/kg = -1.88 dBW/kg

**#34\_LTE Band 2\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch19100**

Communication System: LTE ; Frequency: 1900 MHz;Duty Cycle: 1:1

Medium: HSL\_1900\_190429 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.409$  S/m;  $\epsilon_r = 40.708$ ;

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

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

**DASY5 Configuration**

- Probe: ES3DV3 - SN3124;ConvF(4.95, 4.95, 4.95) ;Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- 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 (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.07 W/kg

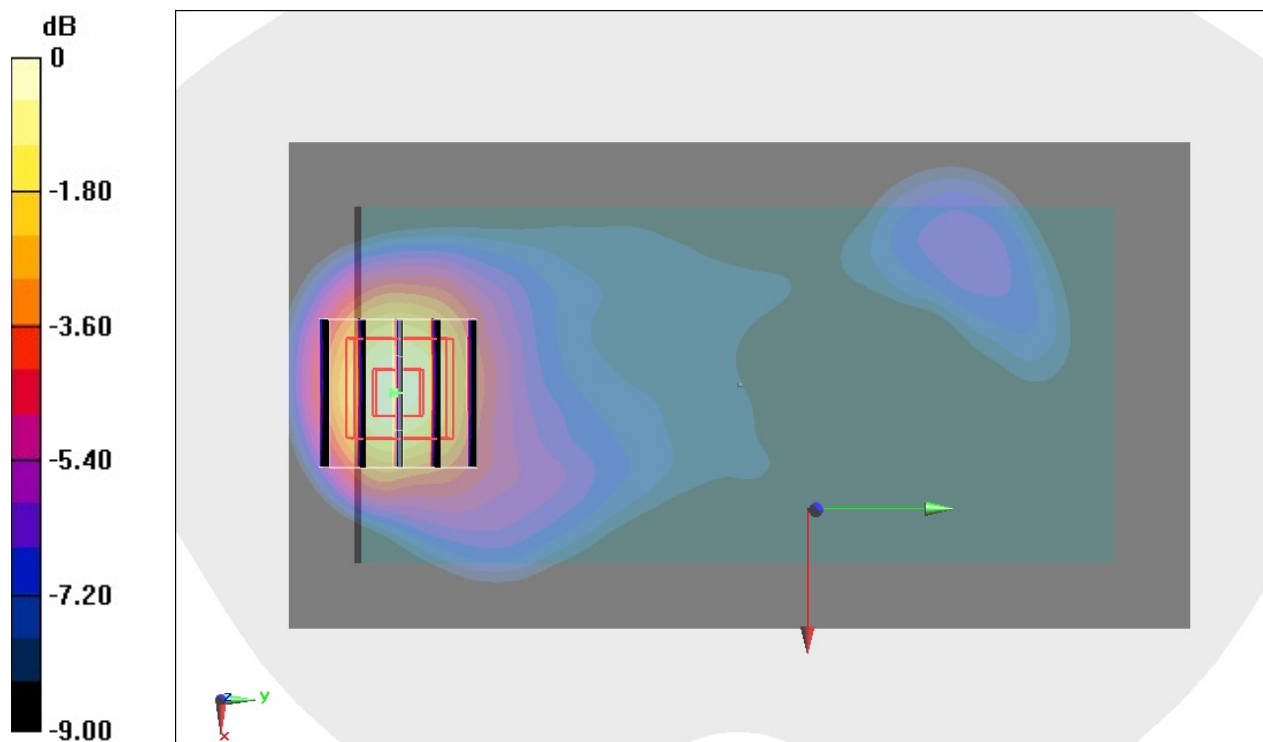
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.62 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.52 W/kg

**SAR(1 g) = 0.881 W/kg; SAR(10 g) = 0.493 W/kg**

Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.09 W/kg = 0.37 dBW/kg

**#35\_LTE Band 4\_20M\_QPSK\_1\_49\_Back\_10mm\_Ch20175**

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

Medium: HSL\_1750\_190429 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.347$  S/m;  $\epsilon_r = 39.491$ ;

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

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

**DASY5 Configuration**

- Probe: ES3DV3 - SN3124;ConvF(5.18, 5.18, 5.18) ;Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- 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 (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.578 W/kg

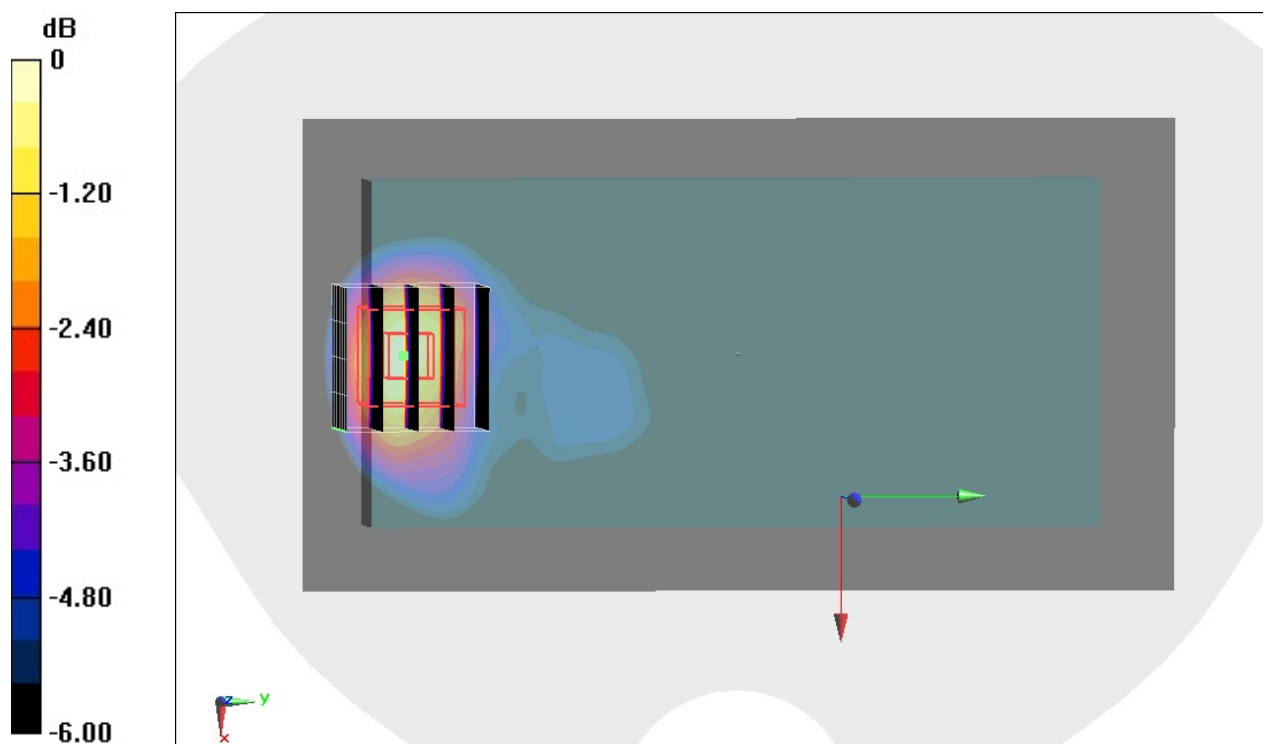
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.43 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.805 W/kg

**SAR(1 g) = 0.500 W/kg; SAR(10 g) = 0.289 W/kg**

Maximum value of SAR (measured) = 0.611 W/kg



**#36\_LTE Band 5\_10M\_QPSK\_1\_25\_Back\_10mm\_Ch20525**

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

Medium: HSL\_850\_190503 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.891$  S/m;  $\epsilon_r = 42.024$ ;  
 $\rho = 1000$  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) ; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- 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 (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.476 W/kg

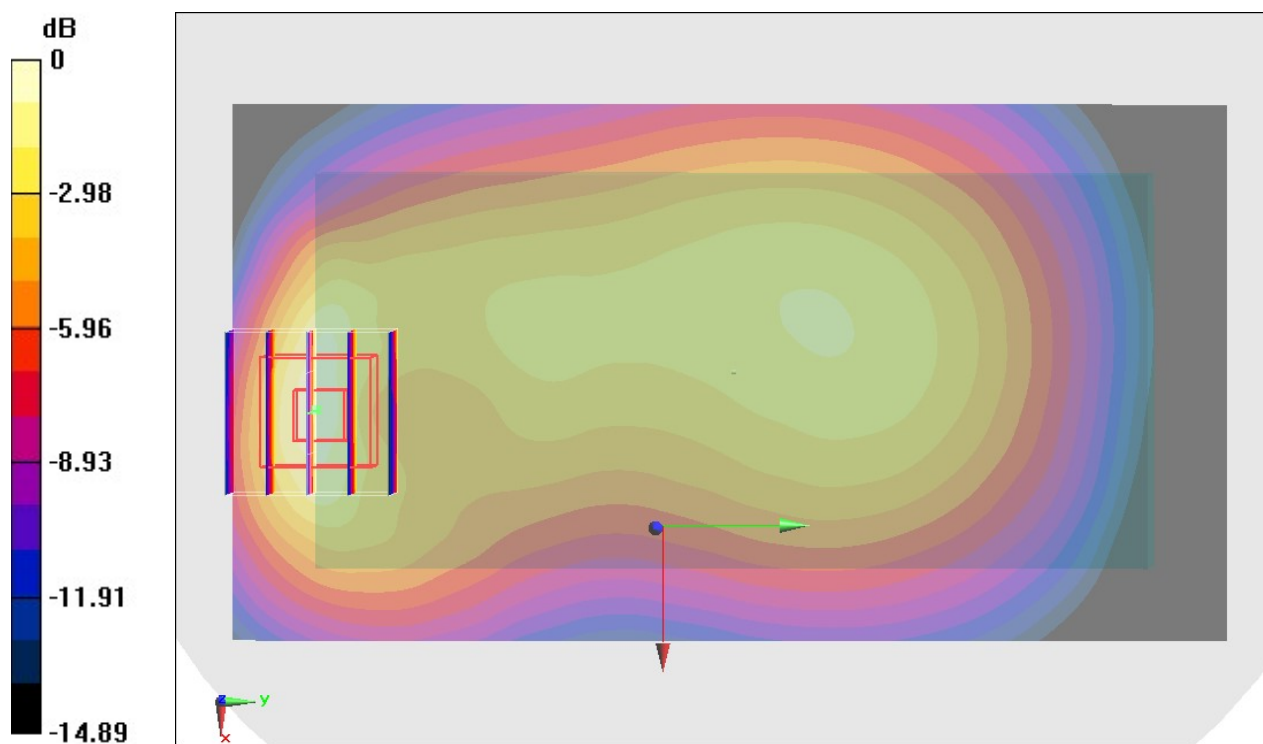
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.11 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.720 W/kg

**SAR(1 g) = 0.387 W/kg; SAR(10 g) = 0.211 W/kg**

Maximum value of SAR (measured) = 0.484 W/kg



**#37\_LTE Band 7\_20M\_QPSK\_1\_99\_Back\_10mm\_Ch21350**

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

Medium: HSL\_2600\_190502 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.941$  S/m;  $\epsilon_r = 38.069$ ;

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

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

**DASY5 Configuration**

- Probe: ES3DV3 - SN3124; ConvF(4.37, 4.37, 4.37) ; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- 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 (91x161x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.644 W/kg

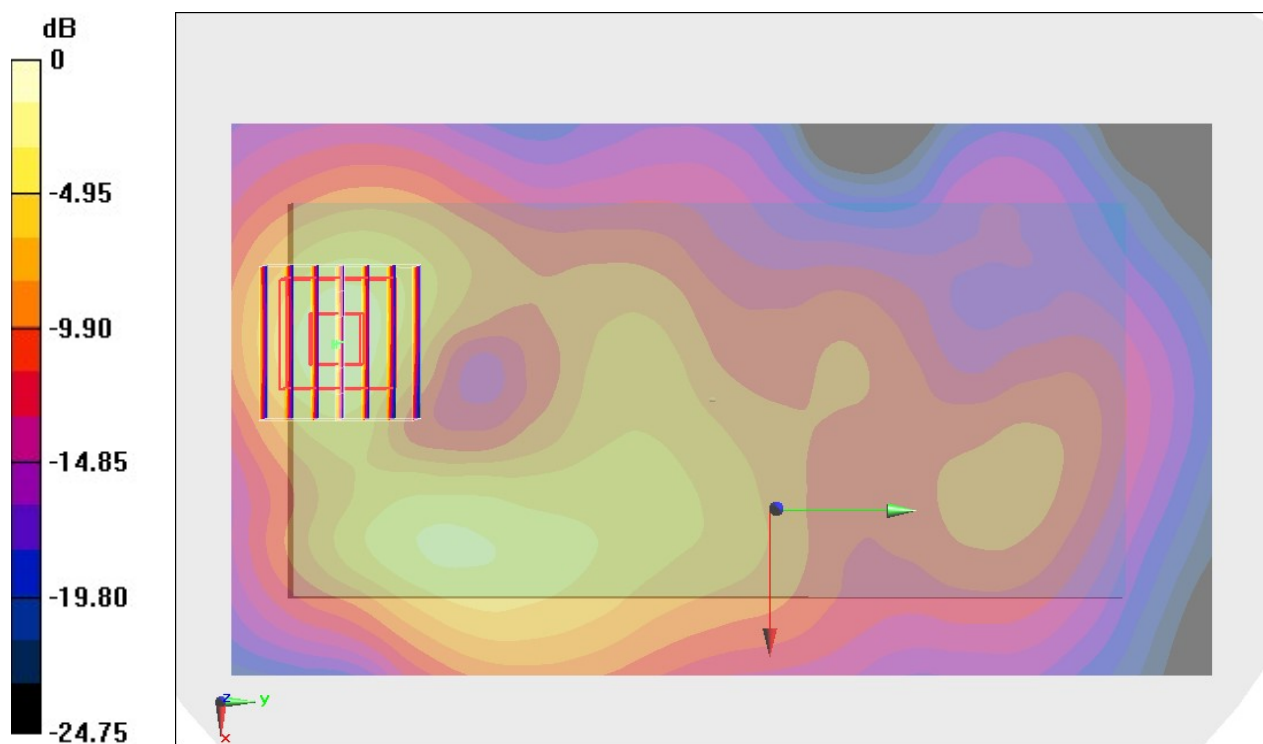
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 14.47 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.49 W/kg

**SAR(1 g) = 0.716 W/kg; SAR(10 g) = 0.345 W/kg**

Maximum value of SAR (measured) = 0.933 W/kg



**#38\_LTE Band 17\_10M\_QPSK\_1\_49\_Back\_10mm\_Ch23790**

Communication System: LTE ; Frequency: 710 MHz;Duty Cycle: 1:1

Medium: HSL\_750\_190503 Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.855$  S/m;  $\epsilon_r = 41.014$ ;  $\rho = 1000$  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) ;Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- 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 (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

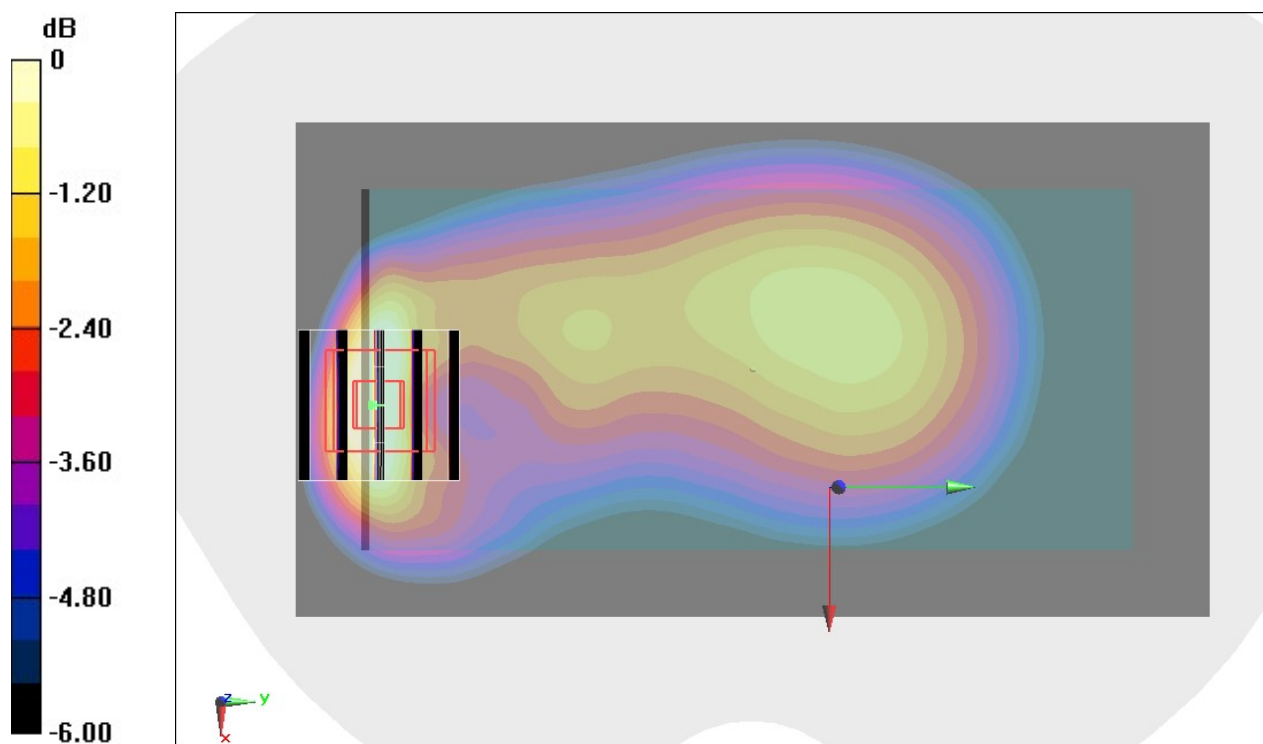
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.70 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.520 W/kg

**SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.153 W/kg**

Maximum value of SAR (measured) = 0.349 W/kg



0 dB = 0.349 W/kg = -4.57 dBW/kg

**#39\_LTE Band 41\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch41140**

Communication System: LTE ; Frequency: 2645 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600\_190502 Medium parameters used :  $f = 2645$  MHz;  $\sigma = 2.041$  S/m;  $\epsilon_r = 37.741$ ;

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

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

**DASY5 Configuration**

- Probe: ES3DV3 - SN3124; ConvF(4.37, 4.37, 4.37) ; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- 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 (91x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.841 W/kg

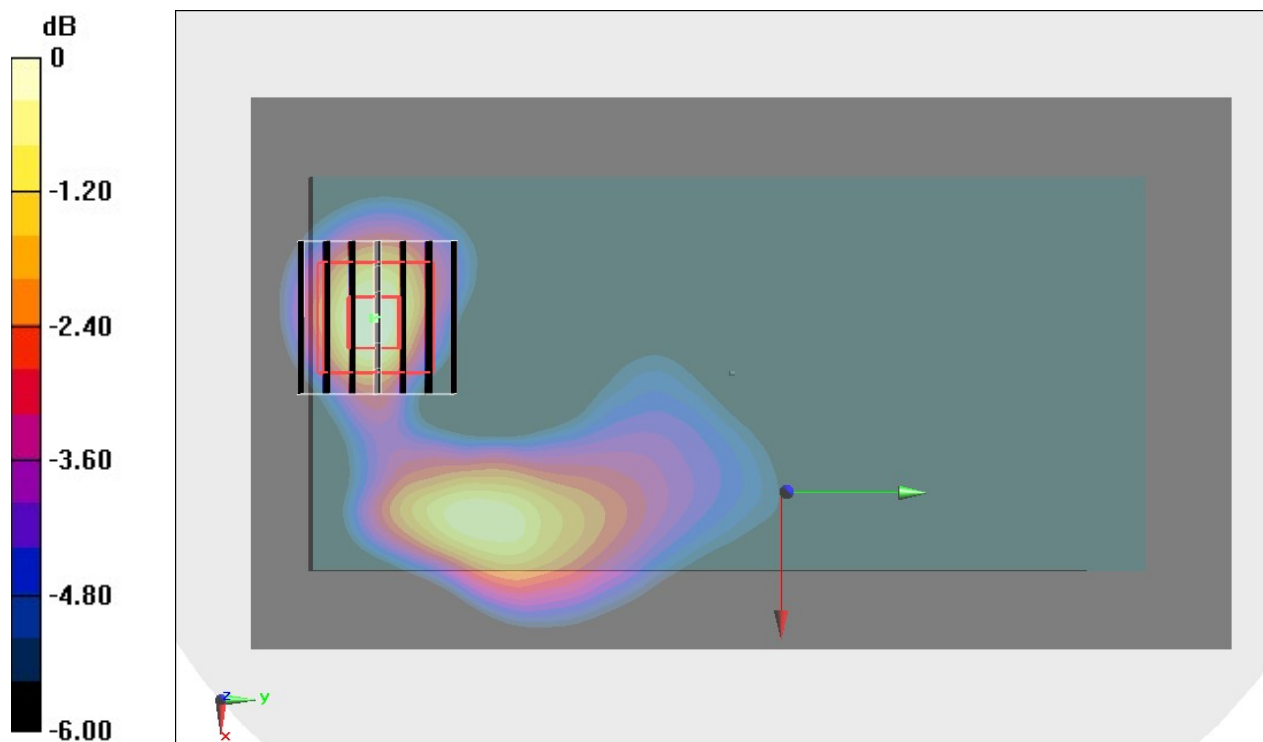
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.52 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.30 W/kg

**SAR(1 g) = 0.620 W/kg; SAR(10 g) = 0.293 W/kg**

Maximum value of SAR (measured) = 0.814 W/kg



0 dB = 0.814 W/kg = -0.89 dBW/kg

**#40\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_10mm\_Ch6;Ant 2**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.008

Medium: HSL\_2450\_190507 Medium parameters used :  $f = 2437$  MHz;  $\sigma = 1.807$  S/m;  $\epsilon_r = 39.724$ ;

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

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

**DASY5 Configuration**

- Probe: ES3DV3 - SN3124; ConvF(4.49, 4.49, 4.49) ; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- 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 (81x111x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

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

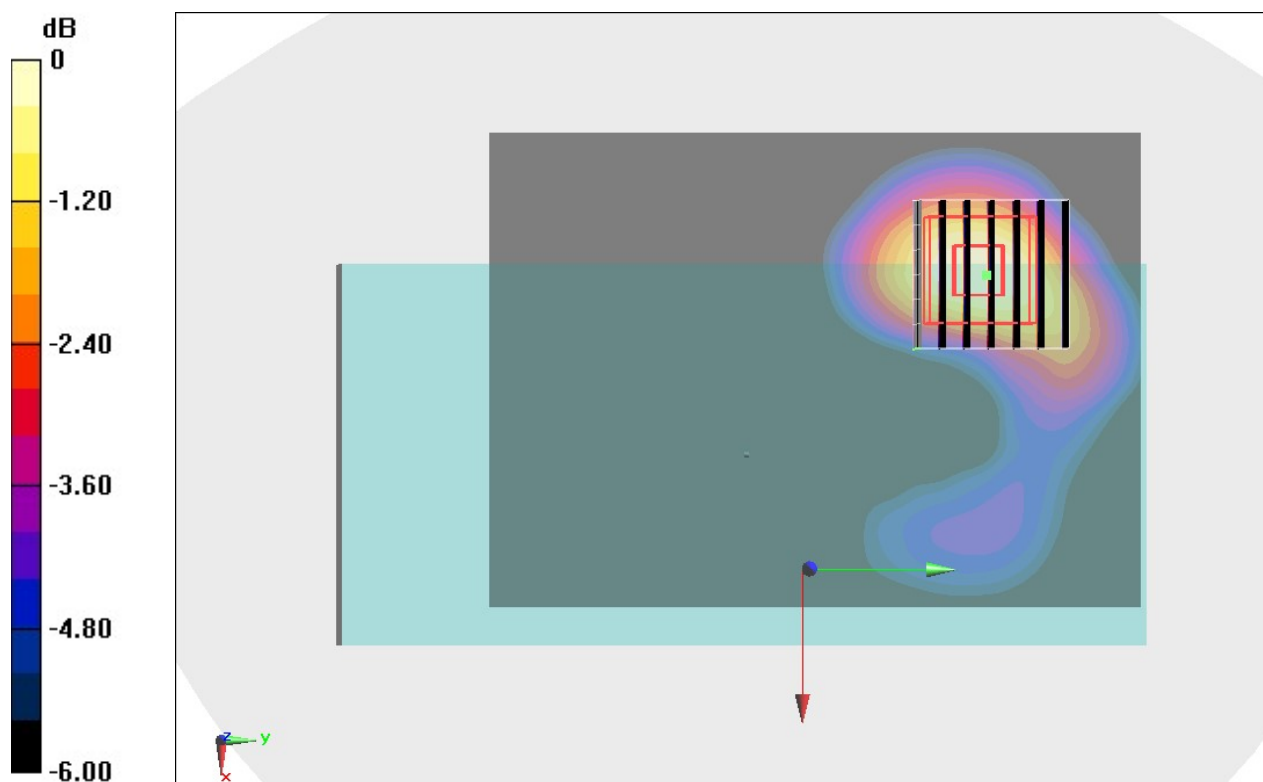
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 9.327 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.263 W/kg

**SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.075 W/kg**

Maximum value of SAR (measured) = 0.172 W/kg



0 dB = 0.172 W/kg = -7.64 dBW/kg

**#41\_WLAN5GHz\_802.11n-HT40 MCS0\_Back\_10mm\_Ch62;Ant 2**

Communication System: 802.11n; Frequency: 5310 MHz; Duty Cycle: 1:1.122

Medium: HSL\_5G\_190506 Medium parameters used:  $f = 5310$  MHz;  $\sigma = 4.774$  S/m;  $\epsilon_r = 35.925$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3728; ConvF(4.77, 4.77, 4.77) ; Calibrated: 2019/1/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- 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 (101x81x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 0.292 W/kg

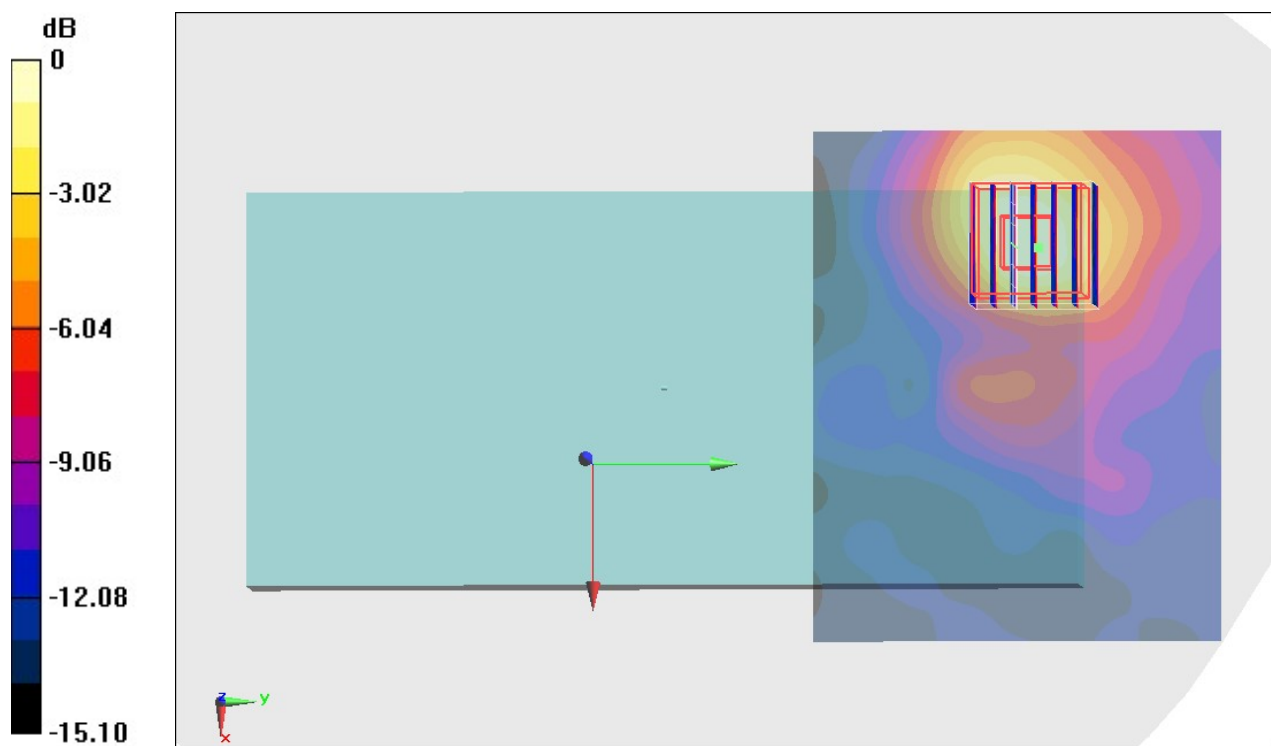
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 5.740 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.501 W/kg

**SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.062 W/kg**

Maximum value of SAR (measured) = 0.288 W/kg



0 dB = 0.288 W/kg = -5.41 dBW/kg

**#42\_WLAN5GHz\_802.11n-HT40 MCS0\_Back\_10mm\_Ch110;Ant 2**

Communication System: 802.11n; Frequency: 5550 MHz; Duty Cycle: 1:1.122

Medium: HSL\_5G\_190506 Medium parameters used:  $f = 5550$  MHz;  $\sigma = 5.021$  S/m;  $\epsilon_r = 35.599$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3728; ConvF(4.2, 4.2, 4.2) ; Calibrated: 2019/1/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- 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 (101x81x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 0.280 W/kg

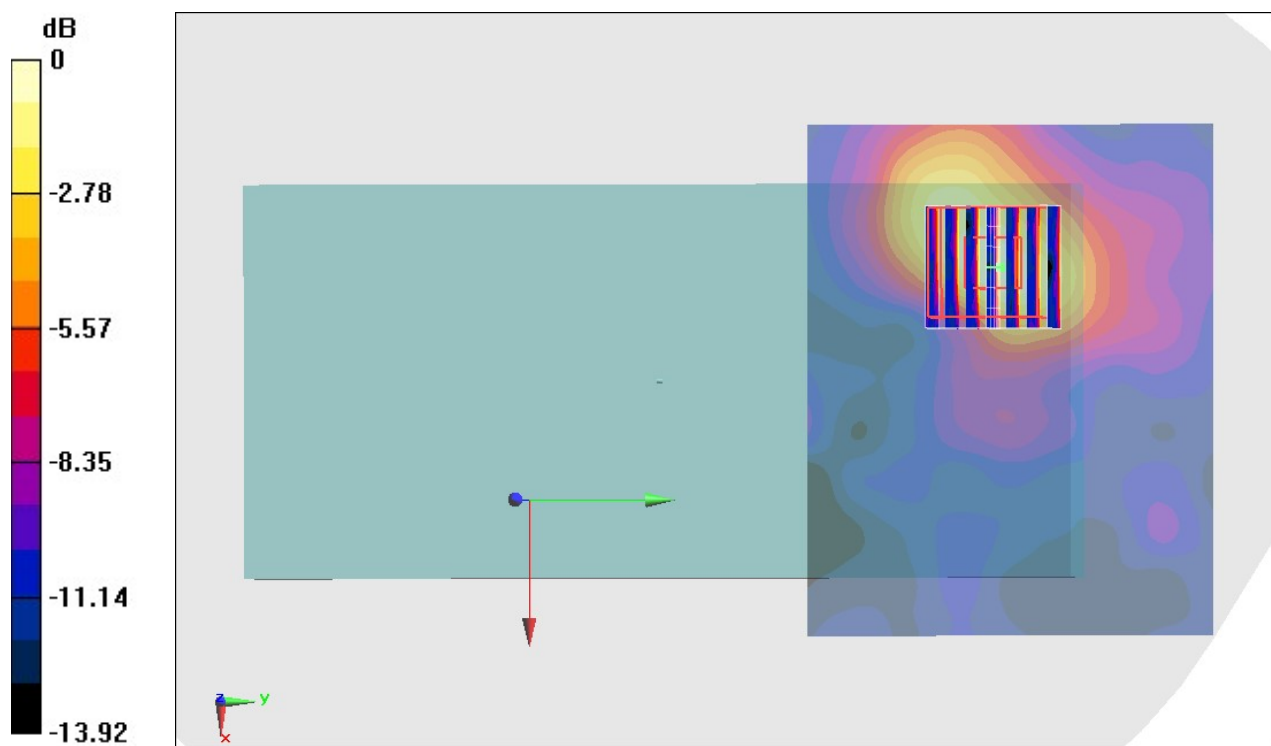
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 7.359 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.453 W/kg

**SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.056 W/kg**

Maximum value of SAR (measured) = 0.264 W/kg



**#43\_WLAN5GHz\_802.11n-HT40 MCS0\_Back\_10mm\_Ch151;Ant 2**

Communication System: 802.11n; Frequency: 5755 MHz; Duty Cycle: 1:1.122

Medium: HSL\_5G\_190506 Medium parameters used :  $f = 5755$  MHz;  $\sigma = 5.228$  S/m;  $\epsilon_r = 35.376$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3728; ConvF(4.26, 4.26, 4.26) ; Calibrated: 2019/1/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- 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 (121x81x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 0.552 W/kg

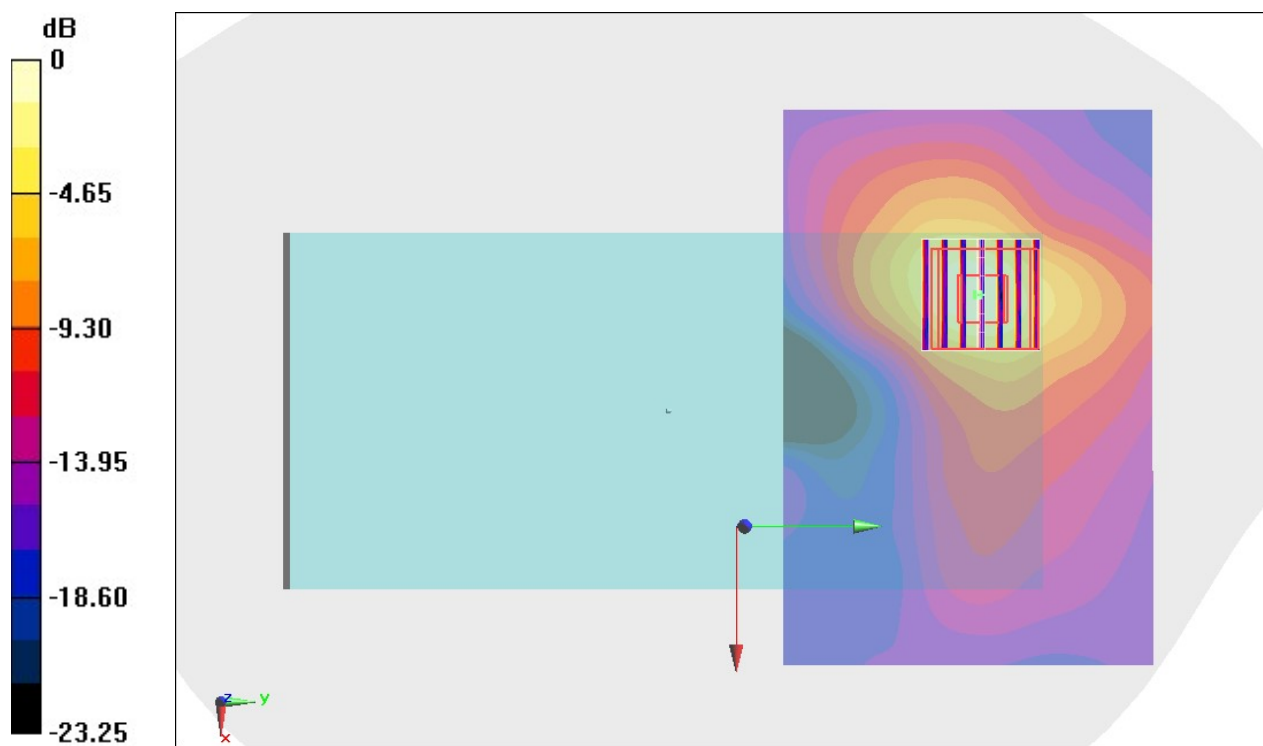
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 10.61 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.974 W/kg

**SAR(1 g) = 0.230 W/kg; SAR(10 g) = 0.088 W/kg**

Maximum value of SAR (measured) = 0.534 W/kg



0 dB = 0.534 W/kg = -2.72 dBW/kg

**#44\_Bluetooth\_1Mbps\_Back\_10mm\_Ch0;Ant 1**

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

Medium: HSL\_2450\_190507 Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.77$  S/m;  $\epsilon_r = 39.858$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: ES3DV3 - SN3124; ConvF(4.49, 4.49, 4.49) ; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- 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 (61x111x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.0932 W/kg

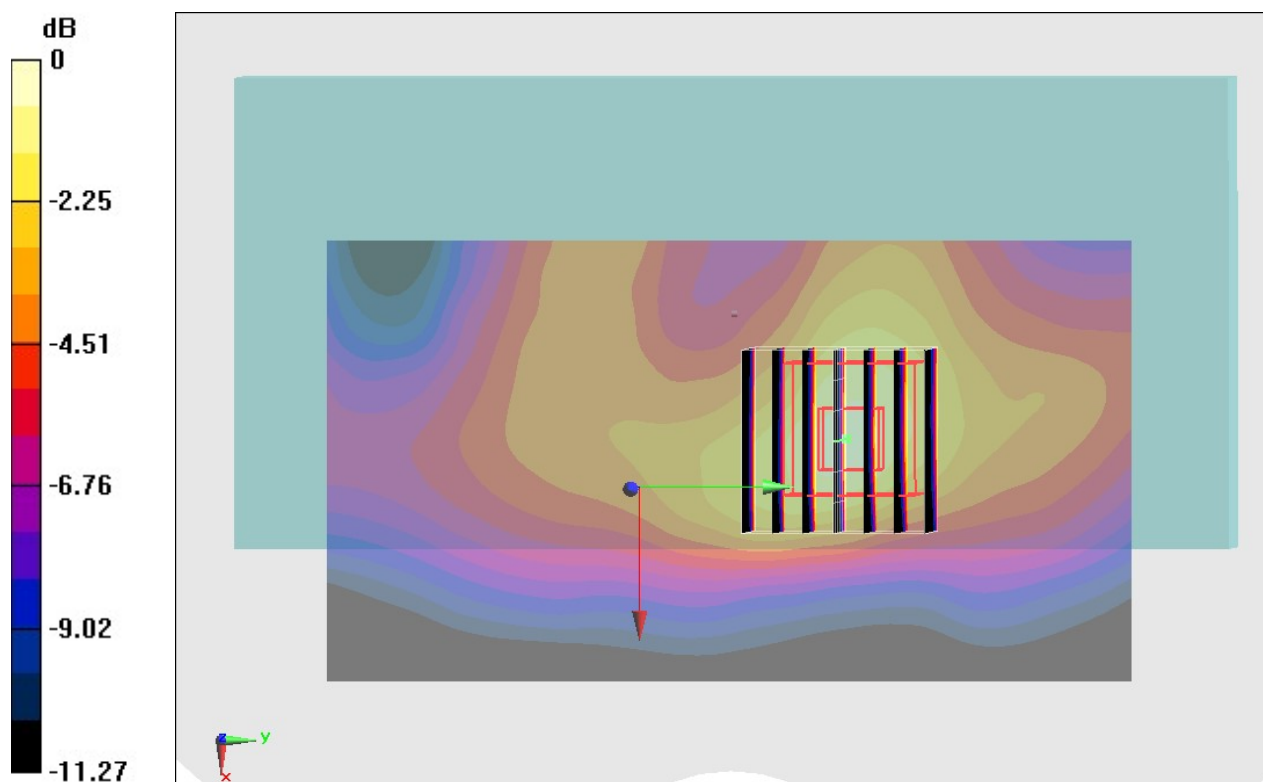
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 6.759 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.153 W/kg

**SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.012 W/kg**

Maximum value of SAR (measured) = 0.0969 W/kg



0 dB = 0.0969 W/kg = -10.14 dBW/kg

**#45\_WLAN5GHz\_802.11n-HT40 MCS0\_Right Side\_0mm\_Ch62;Ant 2**

Communication System: 802.11n; Frequency: 5310 MHz; Duty Cycle: 1:1.122

Medium: HSL\_5G\_190506 Medium parameters used:  $f = 5310$  MHz;  $\sigma = 4.774$  S/m;  $\epsilon_r = 35.925$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3728; ConvF(4.77, 4.77, 4.77) ; Calibrated: 2019/1/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- 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 (61x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

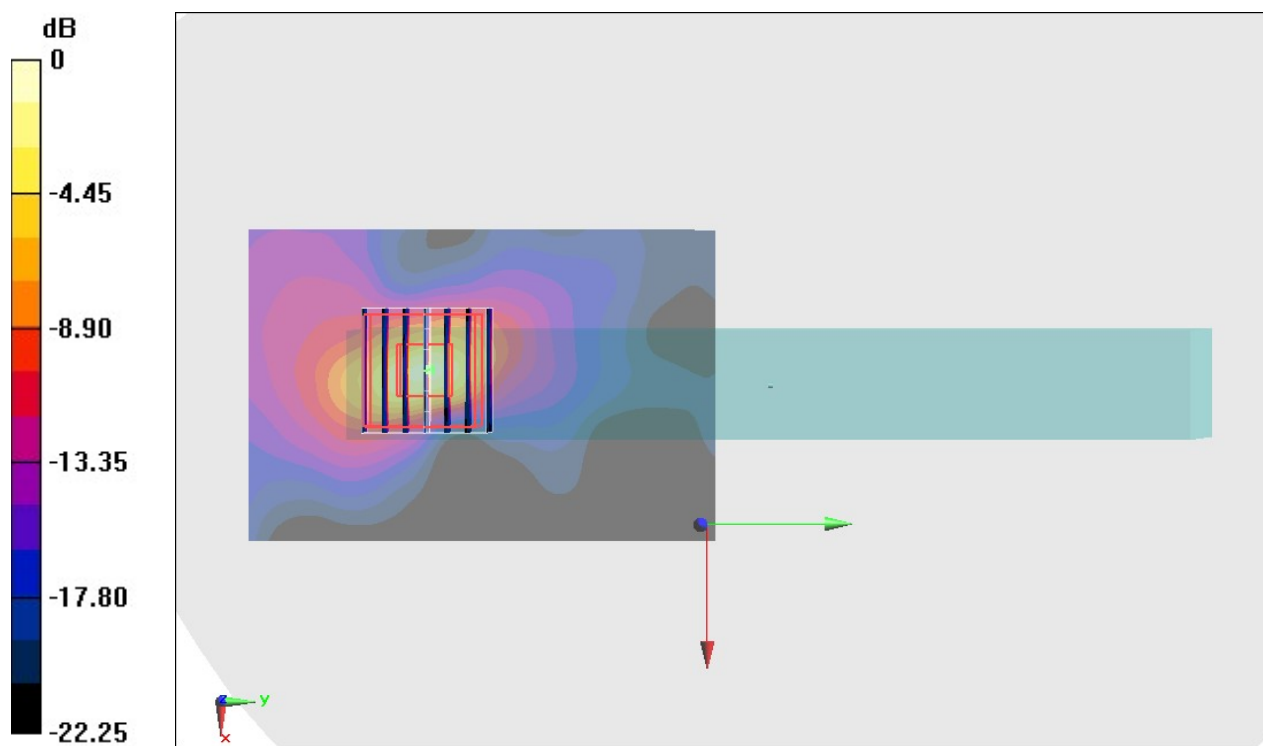
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.02 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 3.17 W/kg

**SAR(1 g) = 0.634 W/kg; SAR(10 g) = 0.158 W/kg**

Maximum value of SAR (measured) = 1.86 W/kg



0 dB = 1.86 W/kg = 2.70 dBW/kg

**#46\_WLAN5GHz\_802.11n-HT40 MCS0\_Right Side\_0mm\_Ch110;Ant 2**

Communication System: 802.11n; Frequency: 5550 MHz; Duty Cycle: 1:1.122

Medium: HSL\_5G\_190506 Medium parameters used:  $f = 5550$  MHz;  $\sigma = 5.021$  S/m;  $\epsilon_r = 35.599$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3728; ConvF(4.2, 4.2, 4.2) ; Calibrated: 2019/1/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- 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 (61x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.909 W/kg

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

Reference Value = 13.46 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 2.45 W/kg

**SAR(1 g) = 0.455 W/kg; SAR(10 g) = 0.140 W/kg**

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

