

### #01\_LTE Band 2\_20M\_QPSK\_1\_0\_Front\_10mm\_Ch19100

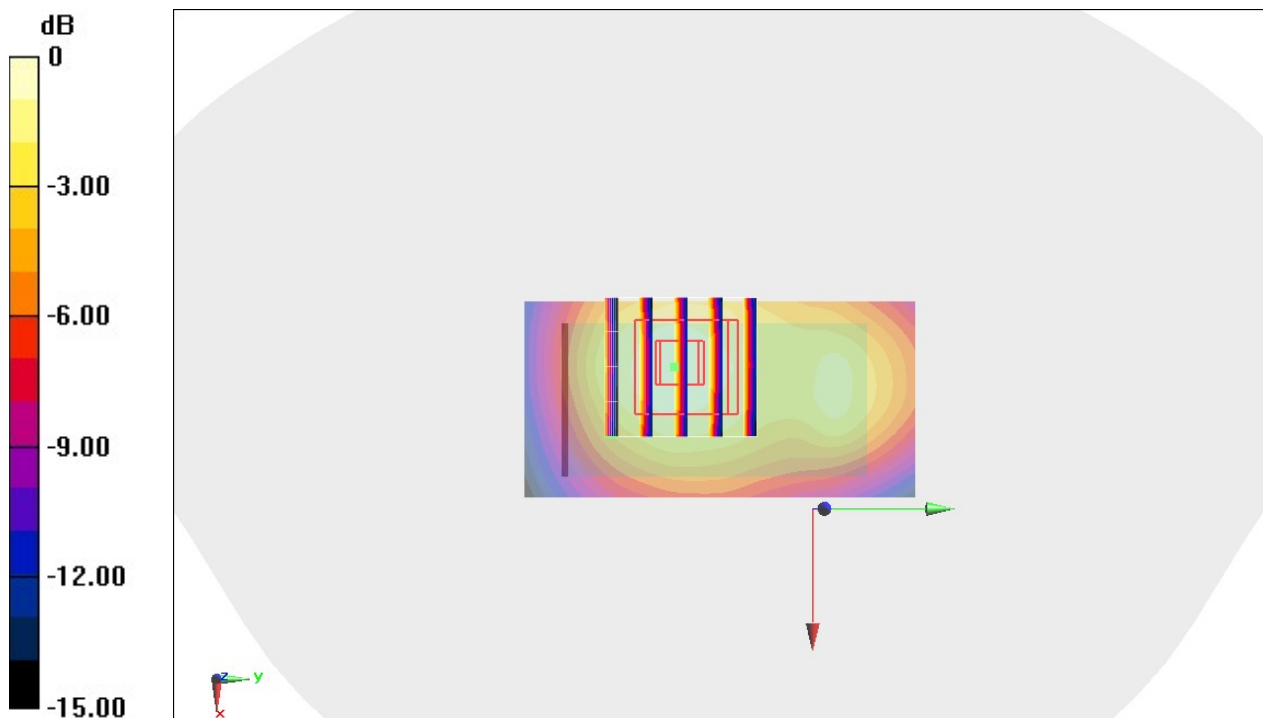
Communication System: LTE; Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_190926 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.422$  S/m;  $\epsilon_r = 40.475$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

#### DASY5 Configuration

- Probe: EX3DV4 - SN3820; ConvF(7.47, 7.47, 7.47) @ 1900 MHz; Calibrated: 2019/6/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2019/6/13
- 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 (31x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.45 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 33.01 V/m; Power Drift = -0.09 dB  
Peak SAR (extrapolated) = 1.70 W/kg  
**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.597 W/kg**  
Maximum value of SAR (measured) = 1.44 W/kg



0 dB = 1.44 W/kg = 1.58 dBW/kg

## #02\_LTE Band 4\_20M\_QPSK\_1\_0\_Front\_10mm\_Ch20175

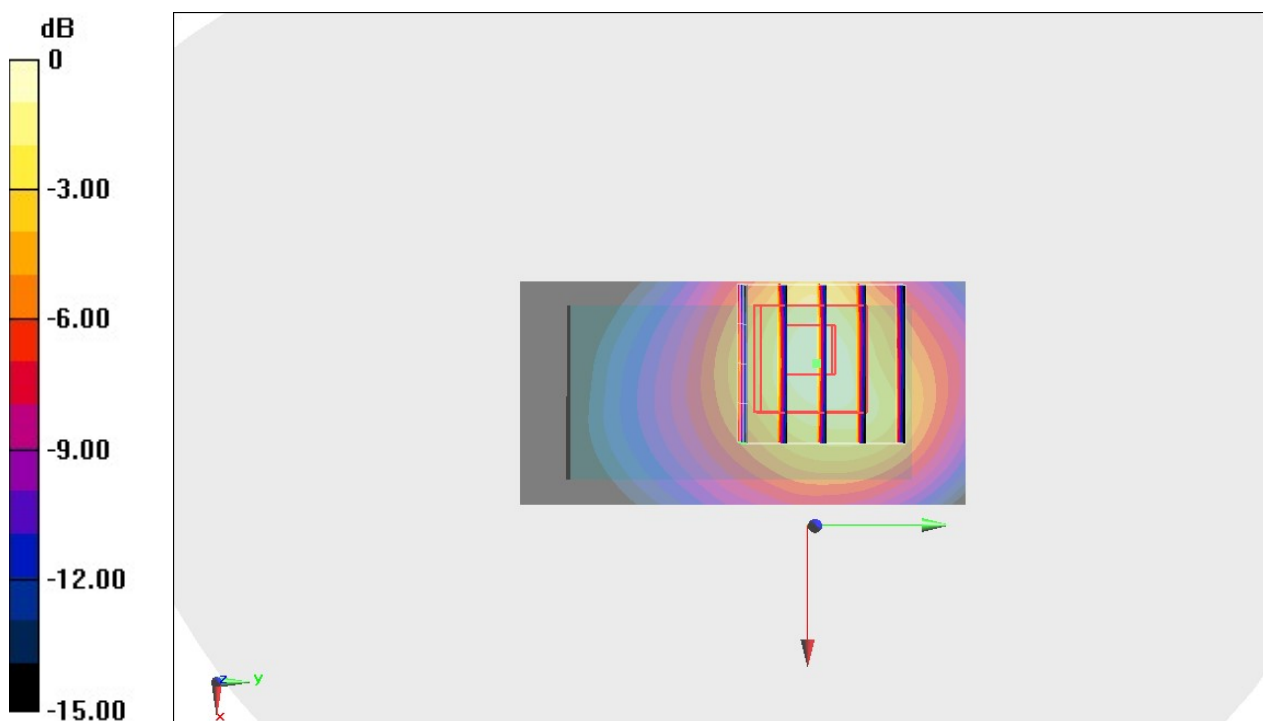
Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_190926 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.376$  S/m;  $\epsilon_r = 40.099$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

### DASY5 Configuration

- Probe: EX3DV4 - SN3820; ConvF(7.85, 7.85, 7.85) @ 1732.5 MHz; Calibrated: 2019/6/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2019/6/13
- 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 (31x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.87 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 36.55 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 2.24 W/kg  
**SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.630 W/kg**  
Maximum value of SAR (measured) = 1.80 W/kg



0 dB = 1.80 W/kg = 2.55 dBW/kg

### #03\_LTE Band 5\_10M\_QPSK\_1\_0\_Front\_10mm\_Ch20525

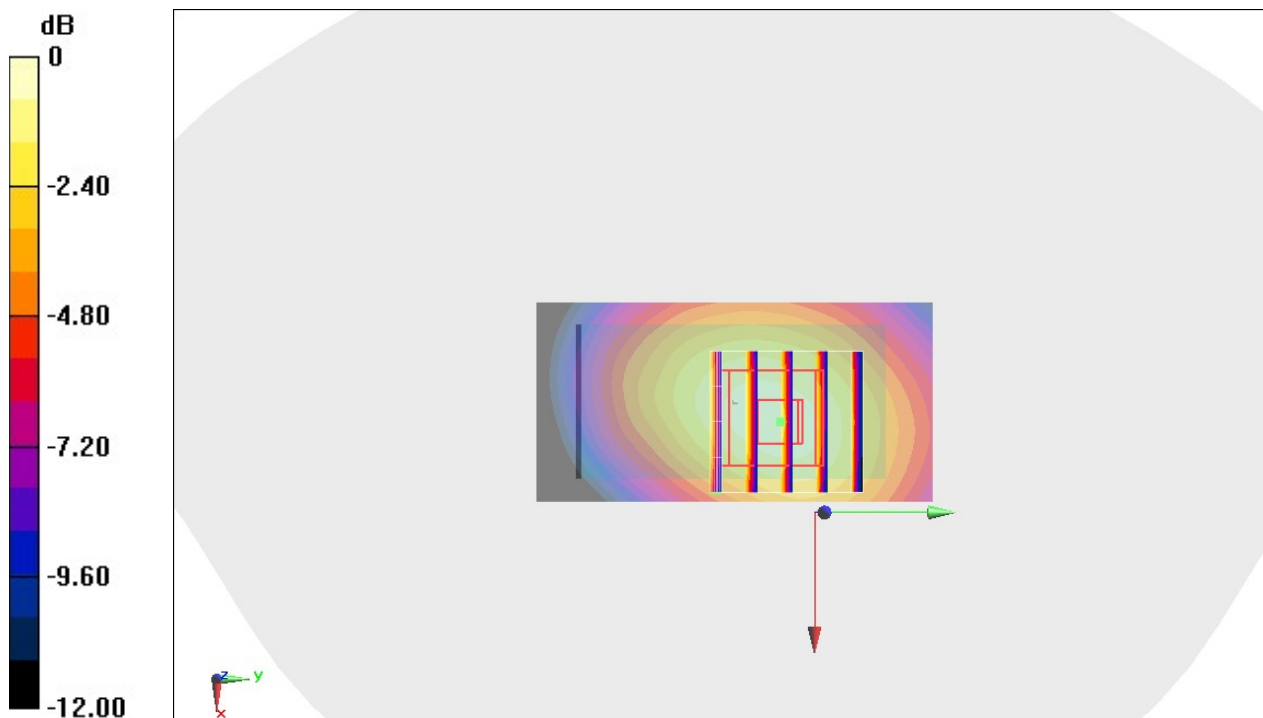
Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_850\_190927 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.895$  S/m;  $\epsilon_r = 42.37$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

#### DASY5 Configuration

- Probe: EX3DV4 - SN3820; ConvF(9.27, 9.27, 9.27) @ 836.5 MHz; Calibrated: 2019/6/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2019/6/13
- 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 (31x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.01 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 34.71 V/m; Power Drift = 0.13 dB  
Peak SAR (extrapolated) = 1.18 W/kg  
**SAR(1 g) = 0.786 W/kg; SAR(10 g) = 0.516 W/kg**  
Maximum value of SAR (measured) = 1.05 W/kg



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

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

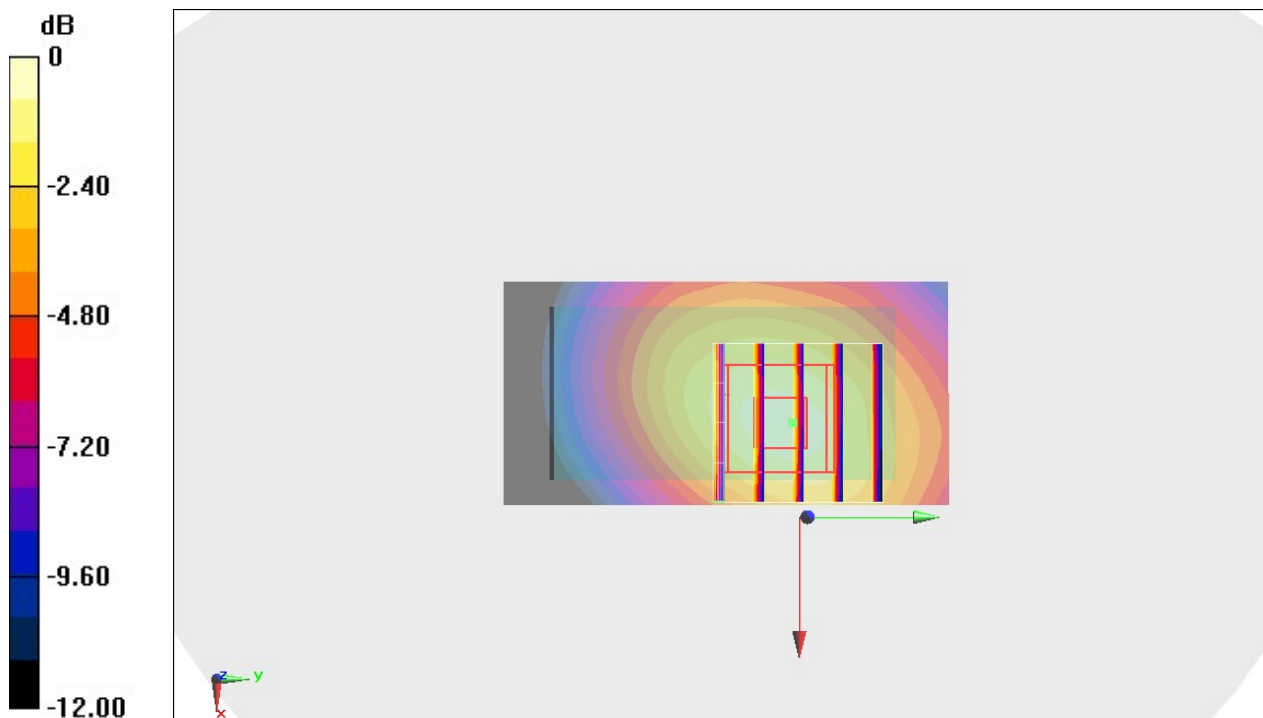
Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1  
Medium: HSL\_750\_190927 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.934 \text{ S/m}$ ;  $\epsilon_r = 42.659$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $23.3 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.3 \text{ }^\circ\text{C}$

#### DASY5 Configuration

- Probe: EX3DV4 - SN3820; ConvF(9.62, 9.62, 9.62) @ 782 MHz; Calibrated: 2019/6/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2019/6/13
- 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 (31x61x1):** 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 =  $34.41 \text{ V/m}$ ; Power Drift =  $0.10 \text{ dB}$   
Peak SAR (extrapolated) =  $1.28 \text{ W/kg}$   
**SAR(1 g) =  $0.848 \text{ W/kg}$ ; SAR(10 g) =  $0.554 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $1.12 \text{ W/kg}$



0 dB =  $1.12 \text{ W/kg} = 0.49 \text{ dBW/kg}$

### #05\_LTE Band 2\_20M\_QPSK\_1\_0\_Front\_0mm\_Ch19100

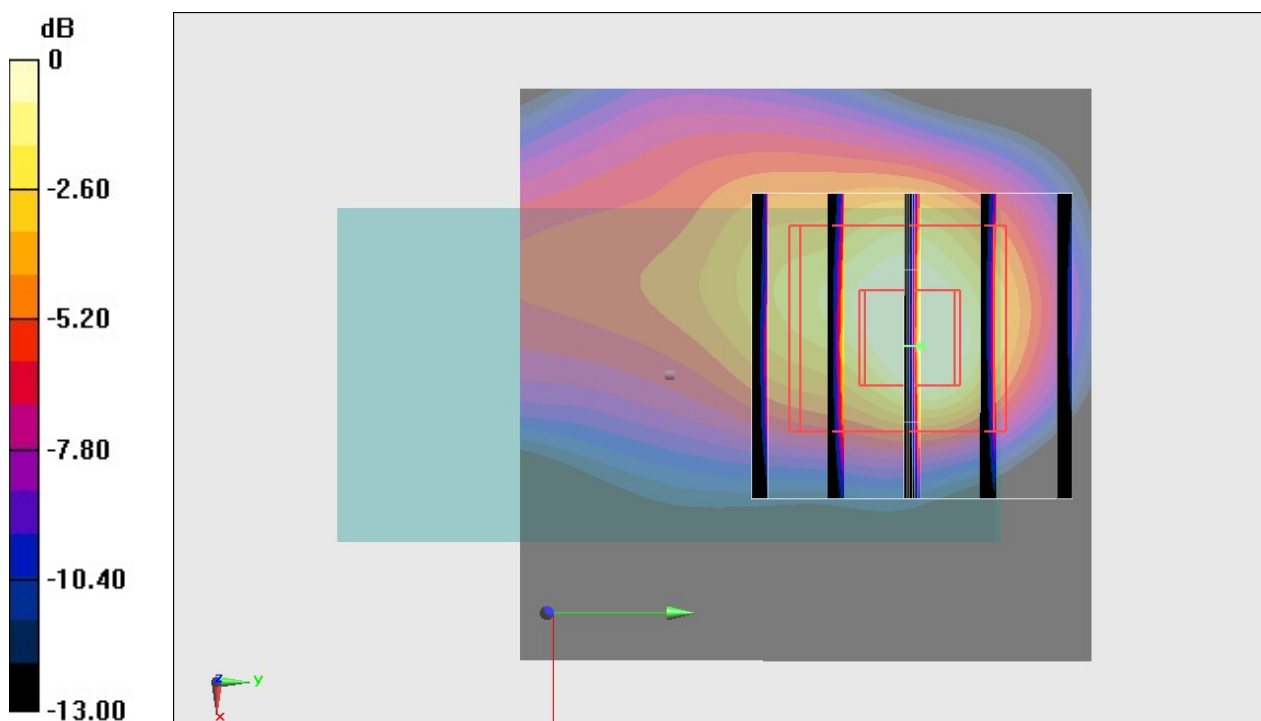
Communication System: LTE; Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_190928 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.551$  S/m;  $\epsilon_r = 52.056$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration

- Probe: EX3DV4 - SN3820; ConvF(7.34, 7.34, 7.34) @ 1900 MHz; Calibrated: 2019/6/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2019/6/13
- 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 (41x41x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 8.88 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 48.88 V/m; Power Drift = -0.12 dB  
Peak SAR (extrapolated) = 9.59 W/kg  
**SAR(1 g) = 4.53 W/kg; SAR(10 g) = 2.01 W/kg**  
Maximum value of SAR (measured) = 7.51 W/kg



0 dB = 7.51 W/kg = 8.76 dBW/kg

### #06\_LTE Band 4\_20M\_QPSK\_1\_0\_Front\_0mm\_Ch20175

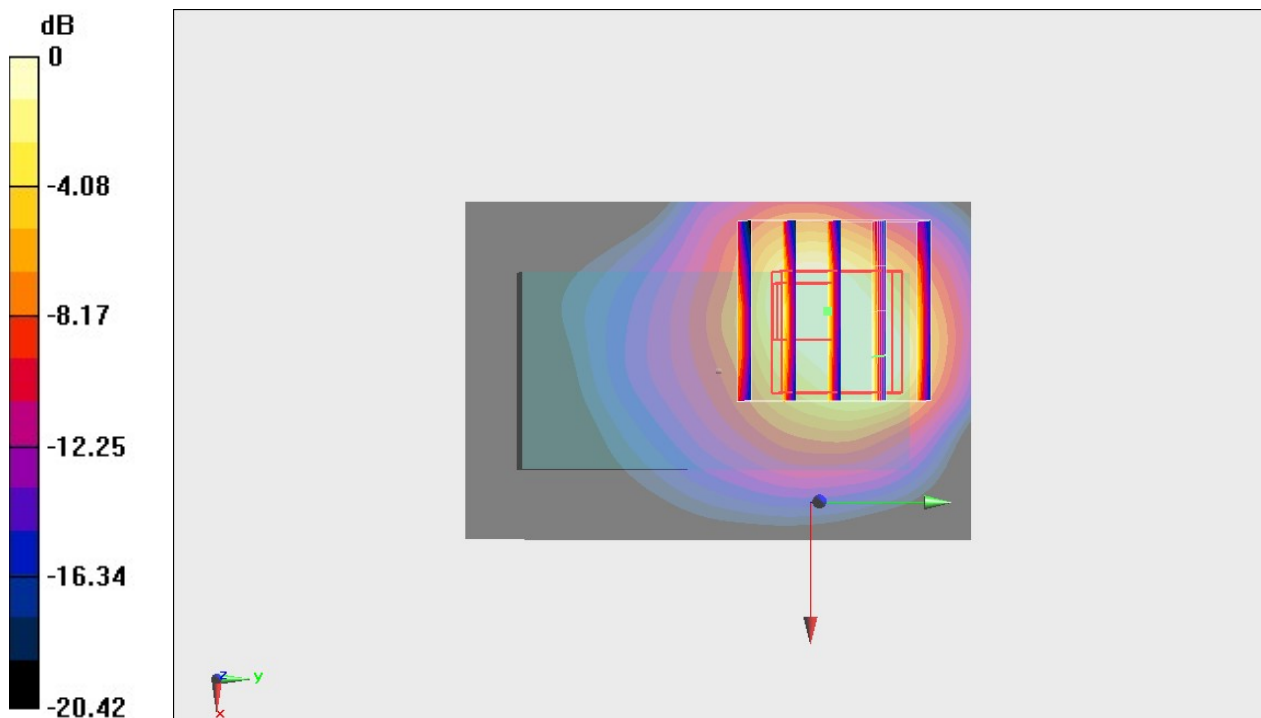
Communication System: LTE ; Frequency: 1732.5 MHz;Duty Cycle: 1:1  
Medium: MSL\_1750\_190928 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.472$  S/m;  $\epsilon_r = 54.711$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration

- Probe: EX3DV4 - SN3820;ConvF(7.69, 7.69, 7.69) @ 1732.5 MHz;Calibrated: 2019/6/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2019/6/13
- 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 (41x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 12.7 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 65.24 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 10.5 W/kg  
**SAR(1 g) = 4.65 W/kg; SAR(10 g) = 2.44 W/kg**  
Maximum value of SAR (measured) = 8.25 W/kg



0 dB = 8.25 W/kg = 9.16 dBW/kg

### #07\_LTE Band 5\_10M\_QPSK\_1\_0\_Right Side\_0mm\_Ch20525

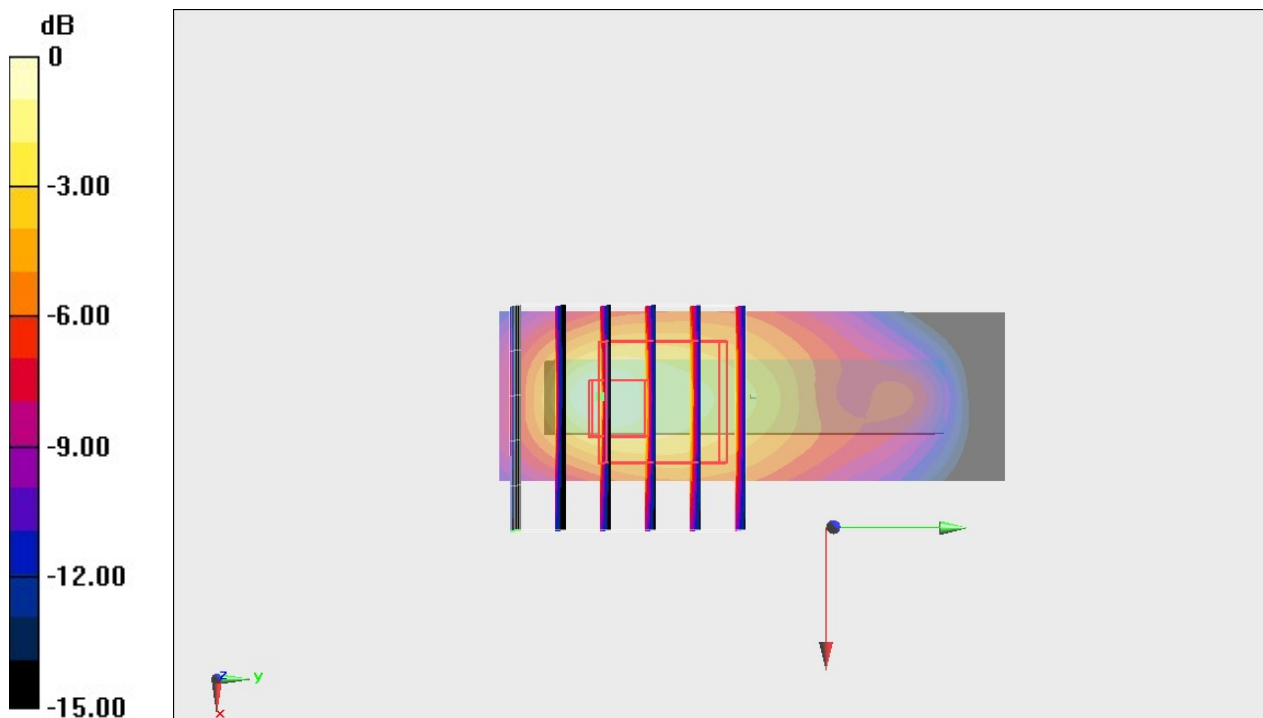
Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_850\_191003 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.966$  S/m;  $\epsilon_r = 55.817$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration

- Probe: EX3DV4 - SN3728; ConvF(9.54, 9.54, 9.54) @ 836.5 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- 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 (21x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 2.13 W/kg

**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 23.71 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 2.57 W/kg  
**SAR(1 g) = 0.963 W/kg; SAR(10 g) = 0.517 W/kg**  
Maximum value of SAR (measured) = 1.84 W/kg



0 dB = 1.84 W/kg = 2.65 dBW/kg

### #08\_LTE Band 13\_10M\_QPSK\_25\_0\_Right Side\_0mm\_Ch23230

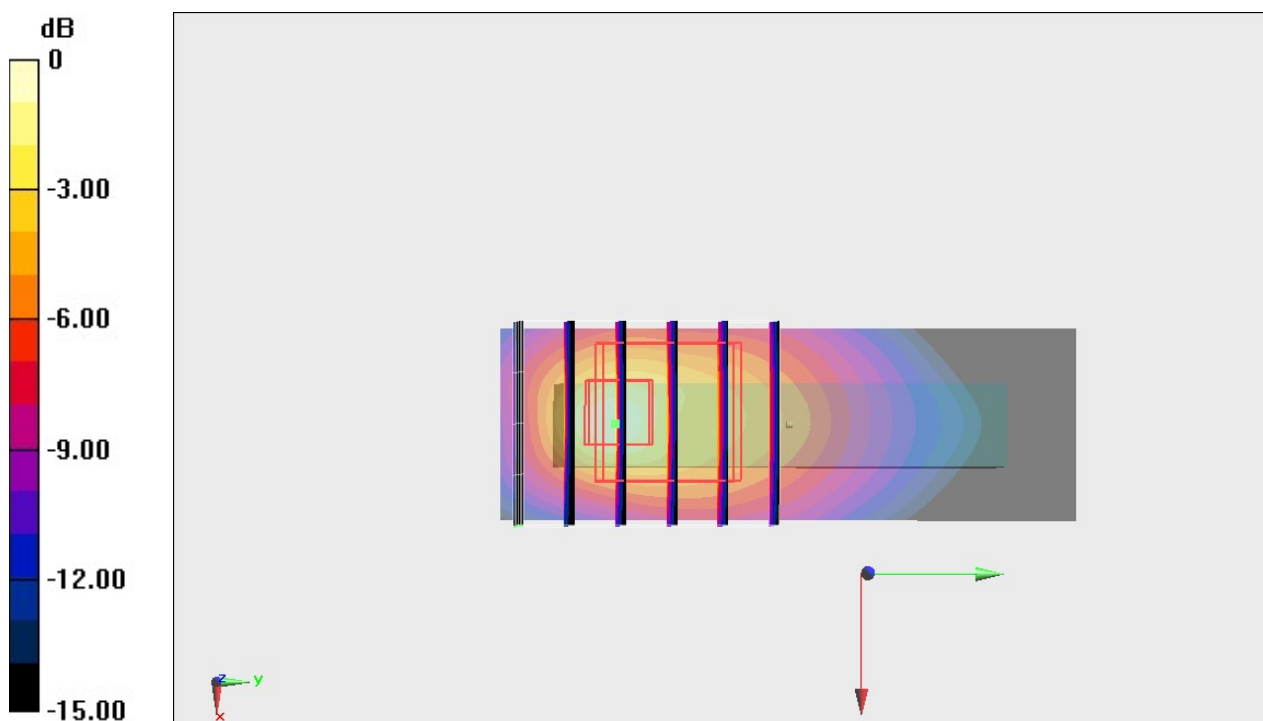
Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1  
Medium: MSL\_750\_191003 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 1.001 \text{ S/m}$ ;  $\epsilon_r = 54.988$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $23.6 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.6 \text{ }^\circ\text{C}$

#### DASY5 Configuration

- Probe: EX3DV4 - SN3728; ConvF(9.84, 9.84, 9.84) @ 782 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- 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 (21x61x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) =  $3.35 \text{ W/kg}$

**Zoom Scan (5x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $24.94 \text{ V/m}$ ; Power Drift =  $-0.11 \text{ dB}$   
Peak SAR (extrapolated) =  $4.34 \text{ W/kg}$   
**SAR(1 g) =  $1.35 \text{ W/kg}$ ; SAR(10 g) =  $0.645 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $3.24 \text{ W/kg}$



0 dB =  $3.24 \text{ W/kg} = 5.11 \text{ dBW/kg}$



### #09\_LTE Band 2\_20M\_QPSK\_1\_0\_Front\_0mm\_Ch19100

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

Medium: MSL\_1900\_190928 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.551$  S/m;  $\epsilon_r = 52.056$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN3820; ConvF(7.34, 7.34, 7.34) @ 1900 MHz; Calibrated: 2019/6/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2019/6/13
- 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 (41x41x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.88 W/kg

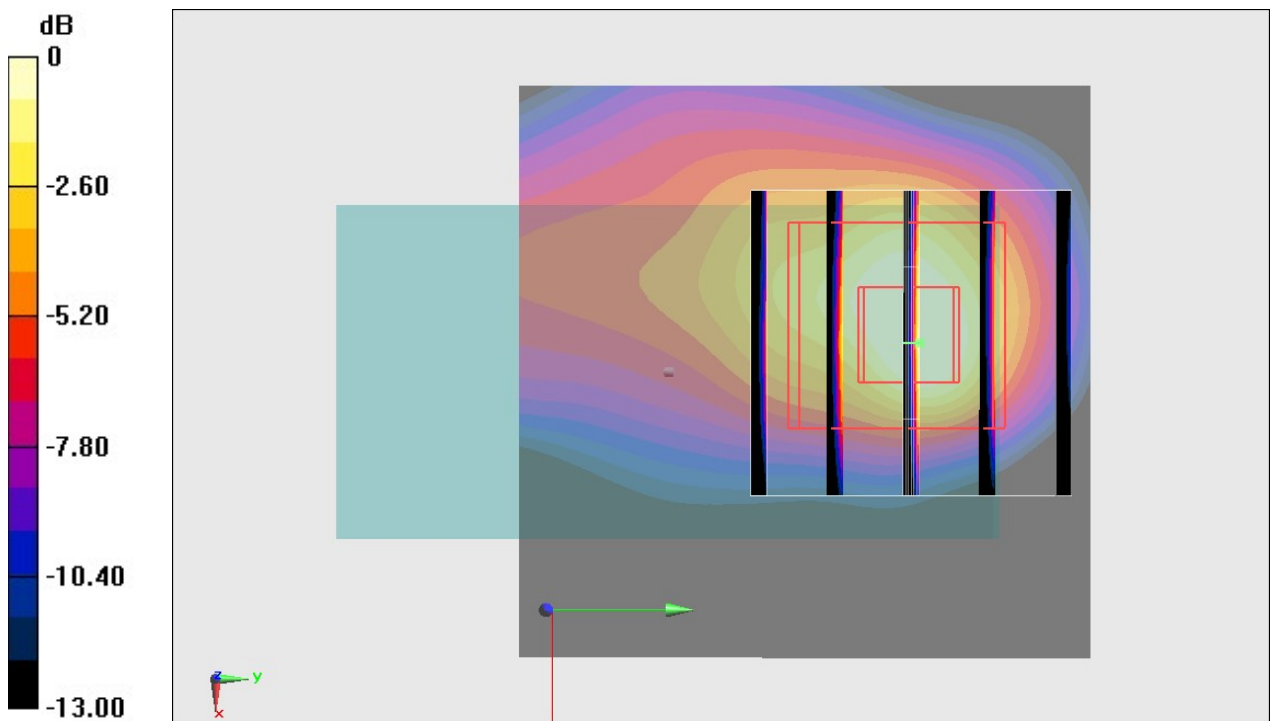
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 48.88 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 9.59 W/kg

**SAR(1 g) = 4.53 W/kg; SAR(10 g) = 2.01 W/kg**

Maximum value of SAR (measured) = 7.51 W/kg



0 dB = 7.51 W/kg = 8.76 dBW/kg

### #10\_LTE Band 4\_20M\_QPSK\_1\_0\_Front\_0mm\_Ch20175

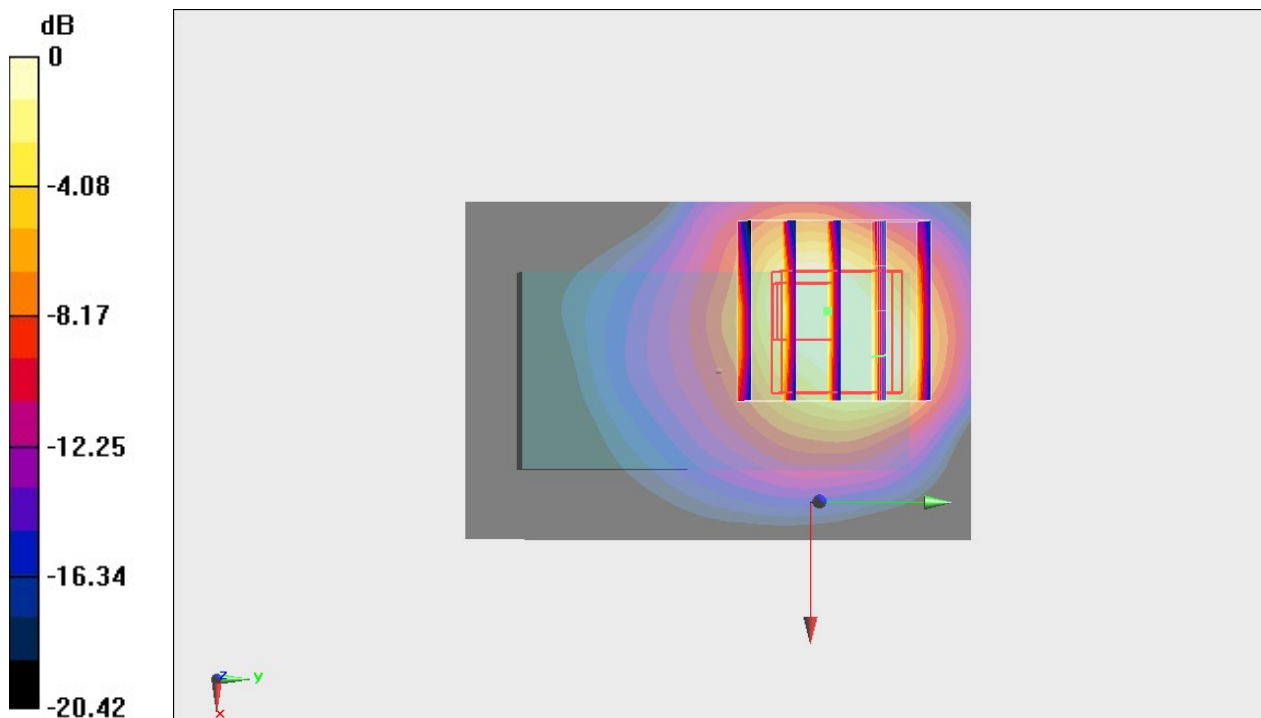
Communication System: LTE ; Frequency: 1732.5 MHz;Duty Cycle: 1:1  
Medium: MSL\_1750\_190928 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.472$  S/m;  $\epsilon_r = 54.711$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration

- Probe: EX3DV4 - SN3820;ConvF(7.69, 7.69, 7.69) @ 1732.5 MHz;Calibrated: 2019/6/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2019/6/13
- 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 (41x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 12.7 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 65.24 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 10.5 W/kg  
**SAR(1 g) = 4.65 W/kg; SAR(10 g) = 2.44 W/kg**  
Maximum value of SAR (measured) = 8.25 W/kg



0 dB = 8.25 W/kg = 9.16 dBW/kg

### #11\_LTE Band 5\_10M\_QPSK\_25\_0\_Front\_0mm\_Ch20525

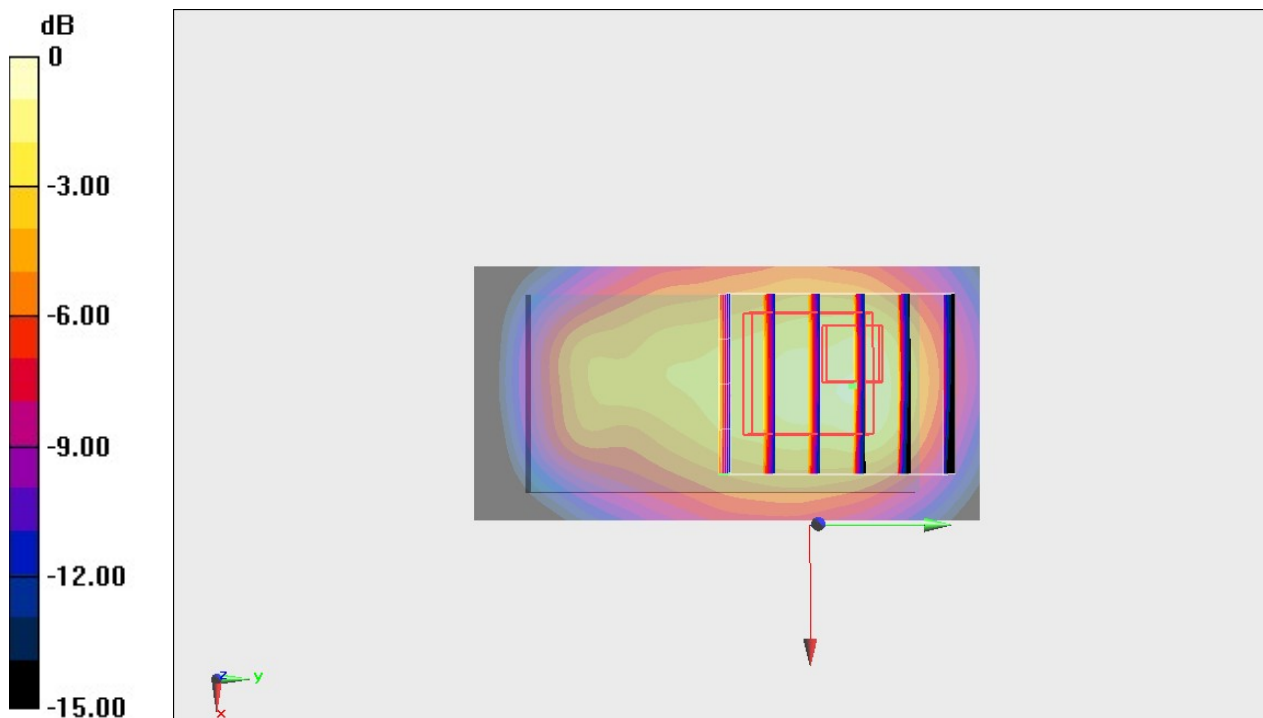
Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_850\_191001 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.981$  S/m;  $\epsilon_r = 54.01$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration

- Probe: EX3DV4 - SN3820; ConvF(9.62, 9.62, 9.62) @ 836.5 MHz; Calibrated: 2019/6/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn915; Calibrated: 2019/6/13
- 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 (31x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.44 W/kg

**Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 33.73 V/m; Power Drift = 0.17 dB  
Peak SAR (extrapolated) = 2.33 W/kg  
**SAR(1 g) = 0.946 W/kg; SAR(10 g) = 0.557 W/kg**  
Maximum value of SAR (measured) = 1.76 W/kg



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

### #12\_LTE Band 13\_10M\_QPSK\_1\_0\_Right Side\_0mm\_Ch23230

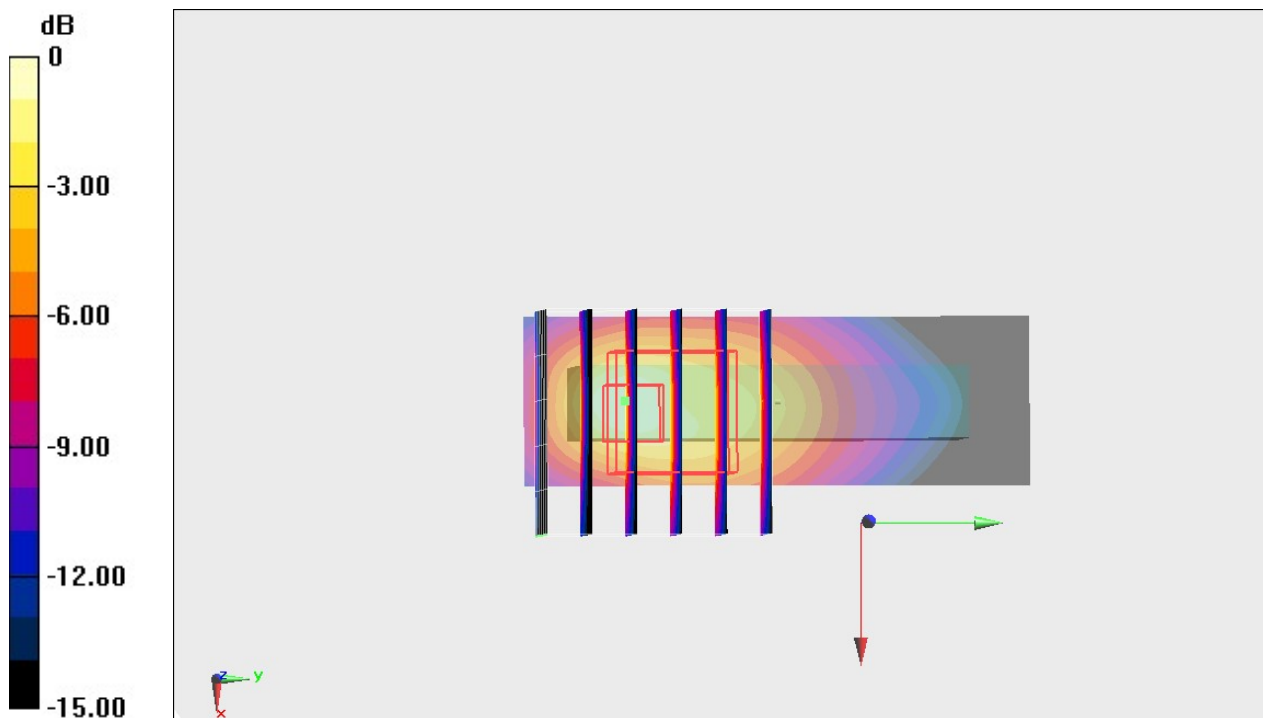
Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1  
Medium: MSL\_750\_191003 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 1.001 \text{ S/m}$ ;  $\epsilon_r = 54.988$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $23.6 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.6 \text{ }^\circ\text{C}$

#### DASY5 Configuration

- Probe: EX3DV4 - SN3728; ConvF(9.84, 9.84, 9.84) @ 782 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- 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 (21x61x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) =  $3.04 \text{ W/kg}$

**Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $28.65 \text{ V/m}$ ; Power Drift =  $0.15 \text{ dB}$   
Peak SAR (extrapolated) =  $3.64 \text{ W/kg}$   
**SAR(1 g) =  $1.34 \text{ W/kg}$ ; SAR(10 g) =  $0.672 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $2.62 \text{ W/kg}$



0 dB =  $2.62 \text{ W/kg} = 4.18 \text{ dBW/kg}$