

### #01\_WCDMA II\_RMC 12.2Kbps\_Bottom Face\_0mm\_Ch9262

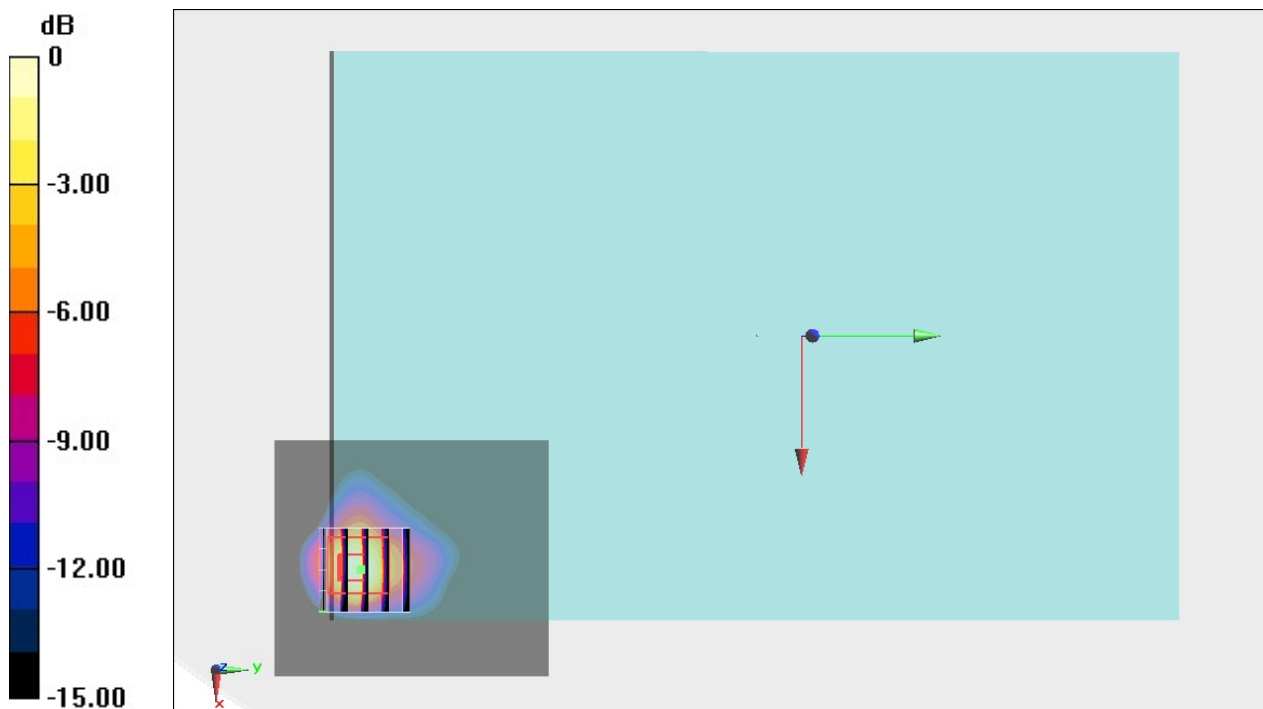
Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_191119 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.37$  S/m;  $\epsilon_r = 40.615$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

#### DASY5 Configuration

- Probe: ES3DV3 - SN3270; ConvF(5.2, 5.2, 5.2) @ 1852.4 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- 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) = 1.30 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 25.95 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 2.53 W/kg  
**SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.425 W/kg**  
Maximum value of SAR (measured) = 1.30 W/kg



0 dB = 1.30 W/kg = 1.14 dBW/kg

### #02\_WCDMA IV\_RMC 12.2Kbps\_Bottom Face\_0mm\_Ch1513

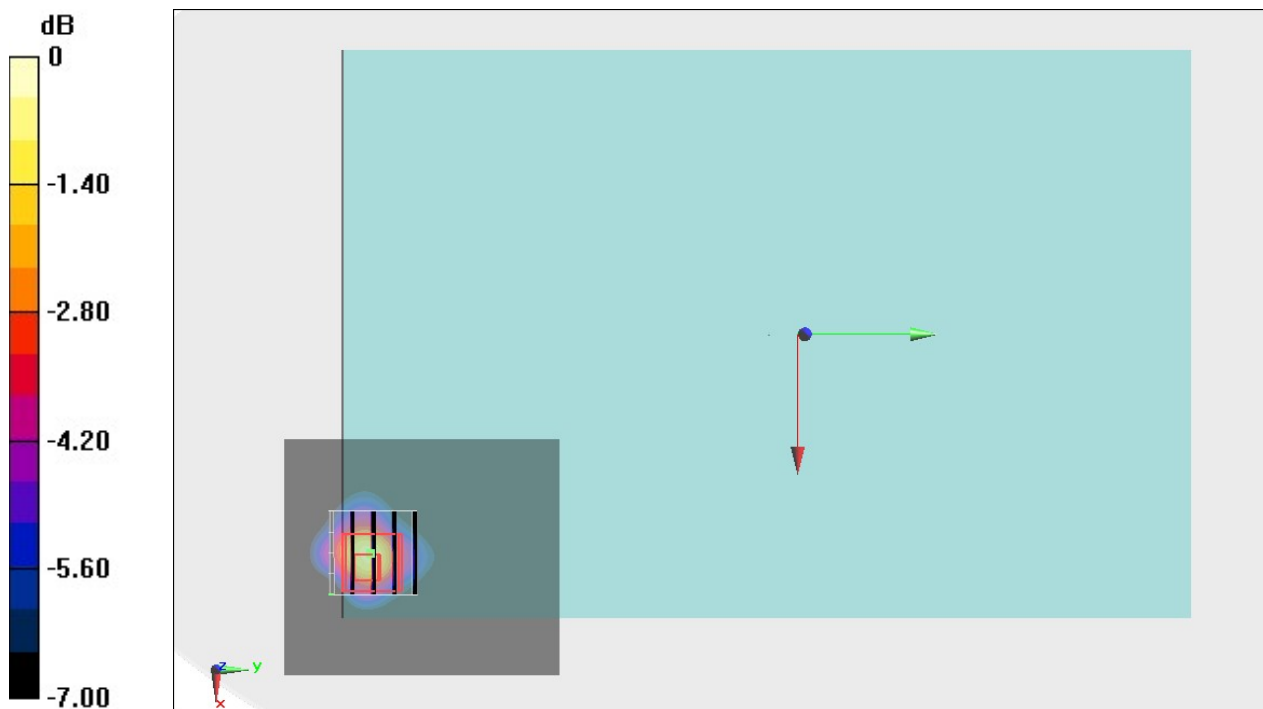
Communication System: WCDMA ; Frequency: 1752.6 MHz;Duty Cycle: 1:1  
Medium: HSL\_1750\_191120 Medium parameters used:  $f = 1753 \text{ MHz}$ ;  $\sigma = 1.349 \text{ S/m}$ ;  $\epsilon_r = 40.831$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

#### DASY5 Configuration

- Probe: ES3DV3 - SN3270;ConvF(5.41, 5.41, 5.41) @ 1752.6 MHz;Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- 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) =  $0.939 \text{ W/kg}$

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $23.10 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$   
Peak SAR (extrapolated) =  $2.40 \text{ W/kg}$   
**SAR(1 g) =  $0.895 \text{ W/kg}$ ; SAR(10 g) =  $0.442 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $1.11 \text{ W/kg}$



0 dB =  $1.11 \text{ W/kg}$  =  $0.45 \text{ dBW/kg}$

### #03\_WCDMA V\_RMC 12.2Kbps\_Bottom Face\_0mm\_Ch4233

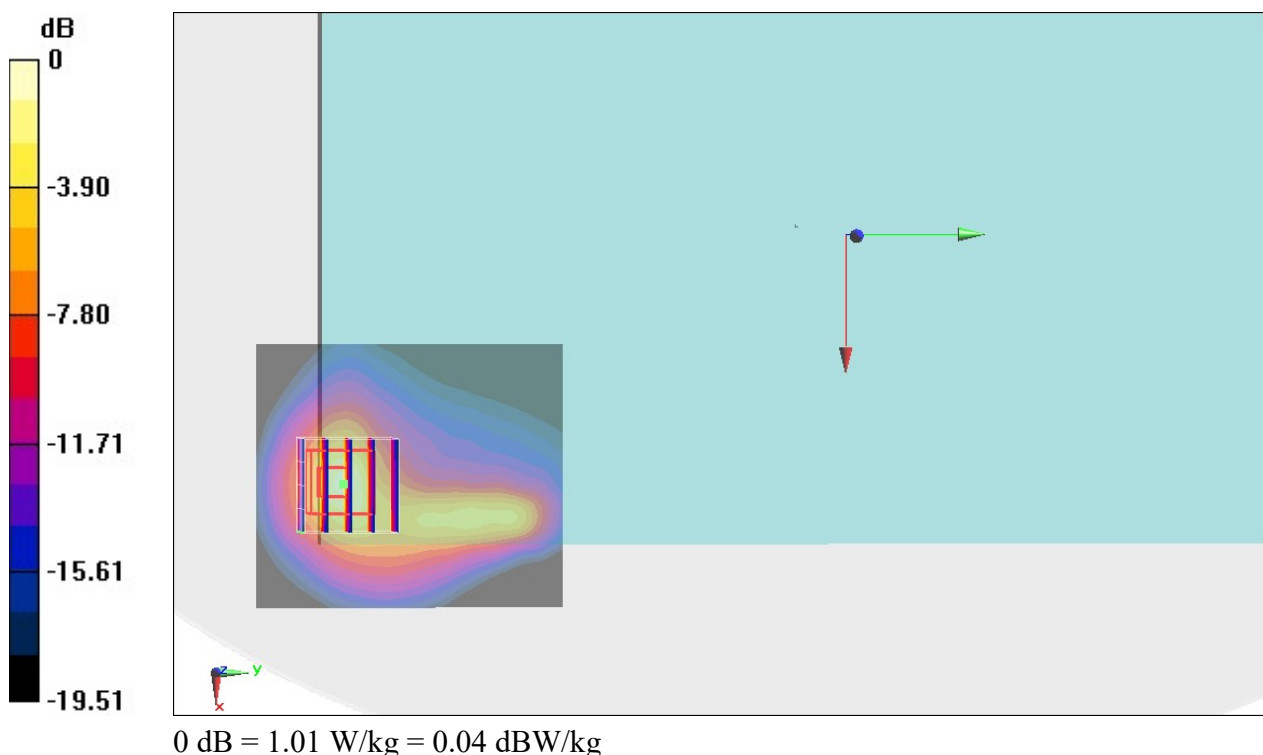
Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_850\_191122 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.911$  S/m;  $\epsilon_r = 41.369$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration

- Probe: ES3DV3 - SN3270; ConvF(6.43, 6.43, 6.43) @ 846.6 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- 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) = 0.840 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 30.11 V/m; Power Drift = 0.08 dB  
Peak SAR (extrapolated) = 2.47 W/kg  
**SAR(1 g) = 0.764 W/kg; SAR(10 g) = 0.300 W/kg**  
Maximum value of SAR (measured) = 1.01 W/kg



### #04\_LTE Band 2\_20M\_QPSK\_100\_0\_Bottom Face\_0mm\_Ch18900

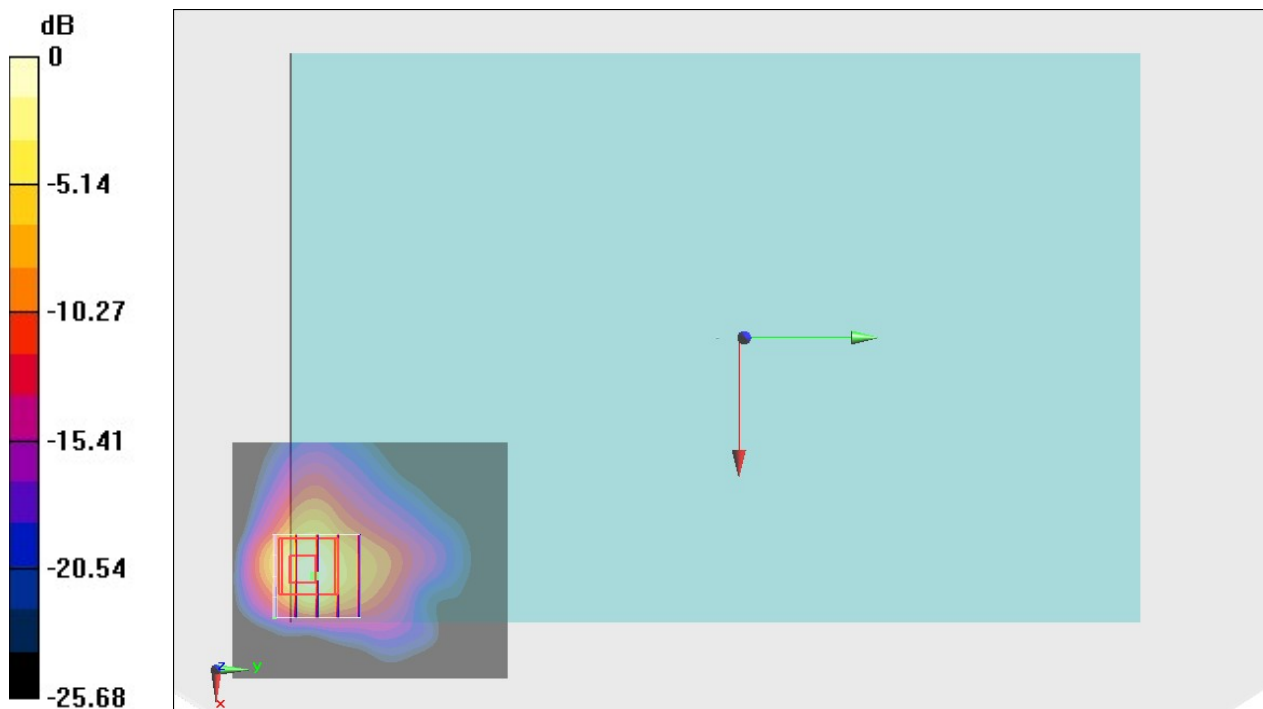
Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_191119 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.383$  S/m;  $\epsilon_r = 40.778$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

#### DASY5 Configuration

- Probe: ES3DV3 - SN3270; ConvF(5.2, 5.2, 5.2) @ 1880 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- 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) = 1.09 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 24.03 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 2.43 W/kg  
**SAR(1 g) = 0.961 W/kg; SAR(10 g) = 0.403 W/kg**  
Maximum value of SAR (measured) = 1.33 W/kg



0 dB = 1.33 W/kg = 1.24 dBW/kg

**#05\_LTE Band 7\_20M\_QPSK\_50\_0\_Bottom Face\_0mm\_Ch21350;AMP**

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

Medium: HSL\_2600\_191027 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.919$  S/m;  $\epsilon_r = 38.383$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.49, 4.49, 4.49) @ 2560 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.45 W/kg

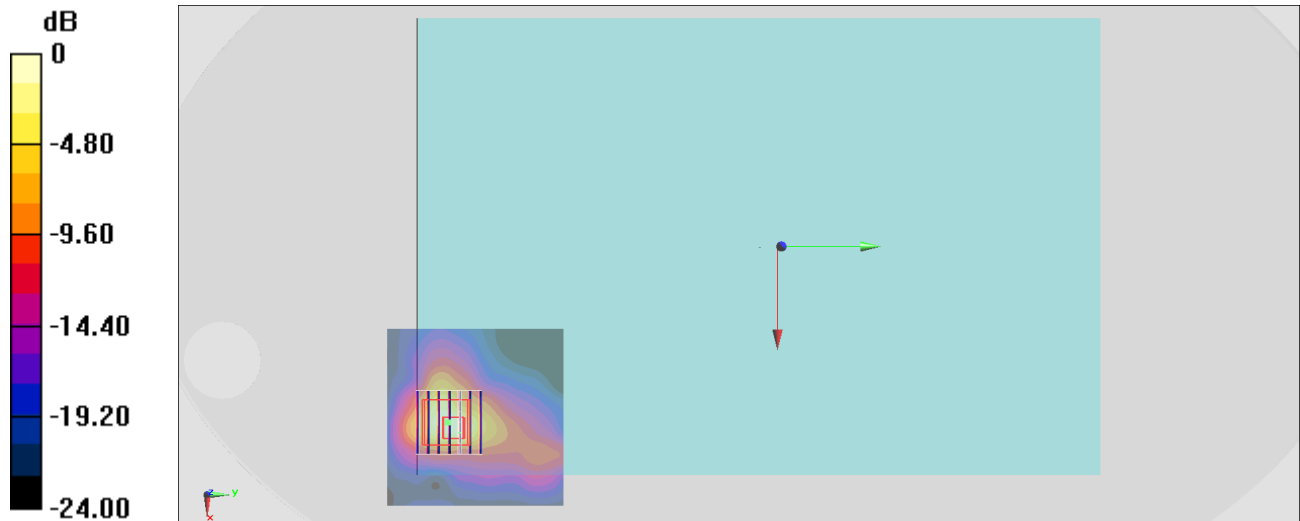
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.82 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 3.09 W/kg

**SAR(1 g) = 0.975 W/kg; SAR(10 g) = 0.397 W/kg**

Maximum value of SAR (measured) = 1.43 W/kg



0 dB = 1.45 W/kg = 1.61 dBW/kg

### #06\_LTE Band 12\_10M\_QPSK\_50\_0\_Edge 4\_0mm\_Ch23095;AMP

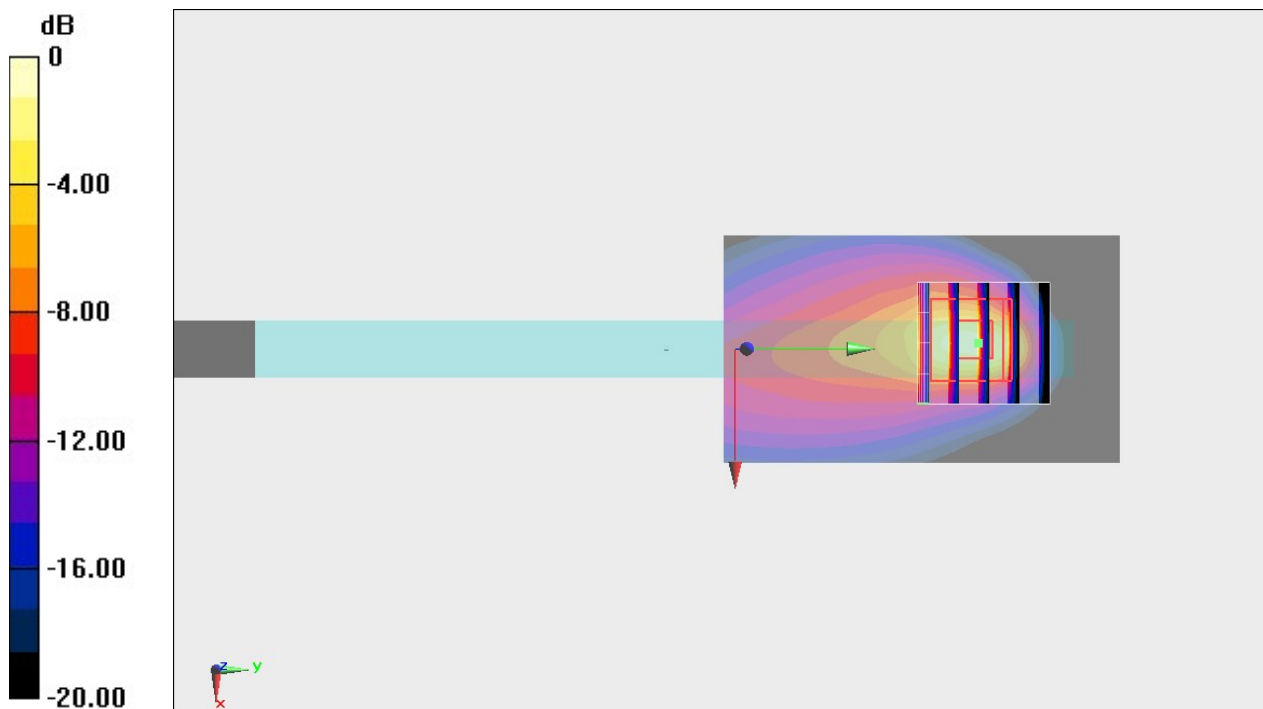
Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_750\_191123 Medium parameters used :  $f = 707.5$  MHz;  $\sigma = 0.854$  S/m;  $\epsilon_r = 43.776$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration

- Probe: ES3DV3 - SN3270; ConvF(6.55, 6.55, 6.55) @ 707.5 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- 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) = 1.11 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 22.49 V/m; Power Drift = -0.15 dB  
Peak SAR (extrapolated) = 4.88 W/kg  
**SAR(1 g) = 0.956 W/kg; SAR(10 g) = 0.330 W/kg**  
Maximum value of SAR (measured) = 1.31 W/kg



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

### #07\_LTE Band 13\_10M\_QPSK\_50\_0\_Edge 4\_0mm\_Ch23230;AMP

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

Medium: HSL\_750\_191123 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.92 \text{ S/m}$ ;  $\epsilon_r = 42.81$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.6 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.6 \text{ }^\circ\text{C}$

#### DASY5 Configuration

- Probe: ES3DV3 - SN3270;ConvF(6.55, 6.55, 6.55) @ 782 MHz;Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (41x71x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $1.21 \text{ W/kg}$

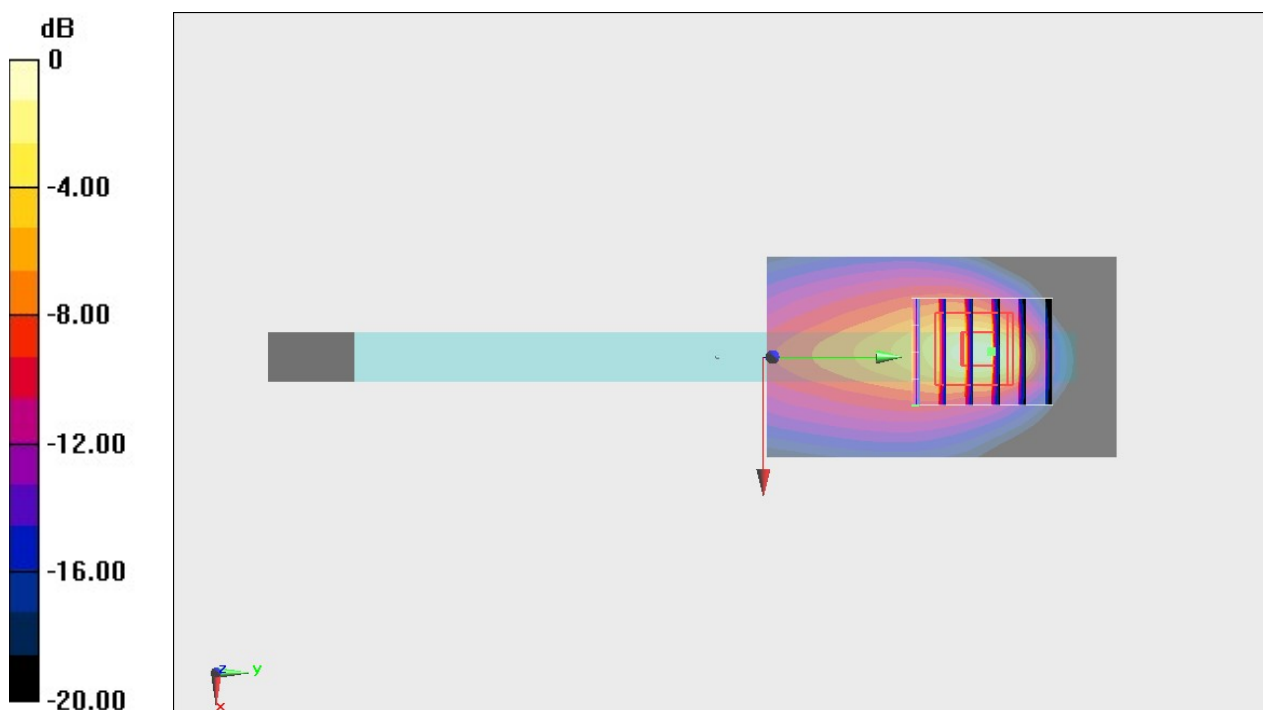
**Zoom Scan (5x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $27.36 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$

Peak SAR (extrapolated) =  $4.22 \text{ W/kg}$

**SAR(1 g) =  $1.03 \text{ W/kg}$ ; SAR(10 g) =  $0.389 \text{ W/kg}$**

Maximum value of SAR (measured) =  $1.48 \text{ W/kg}$



0 dB =  $1.48 \text{ W/kg}$  =  $1.70 \text{ dBW/kg}$

### #08\_LTE Band 26\_15M\_QPSK\_1\_0\_Bottom Face\_0mm\_Ch26865;AMP

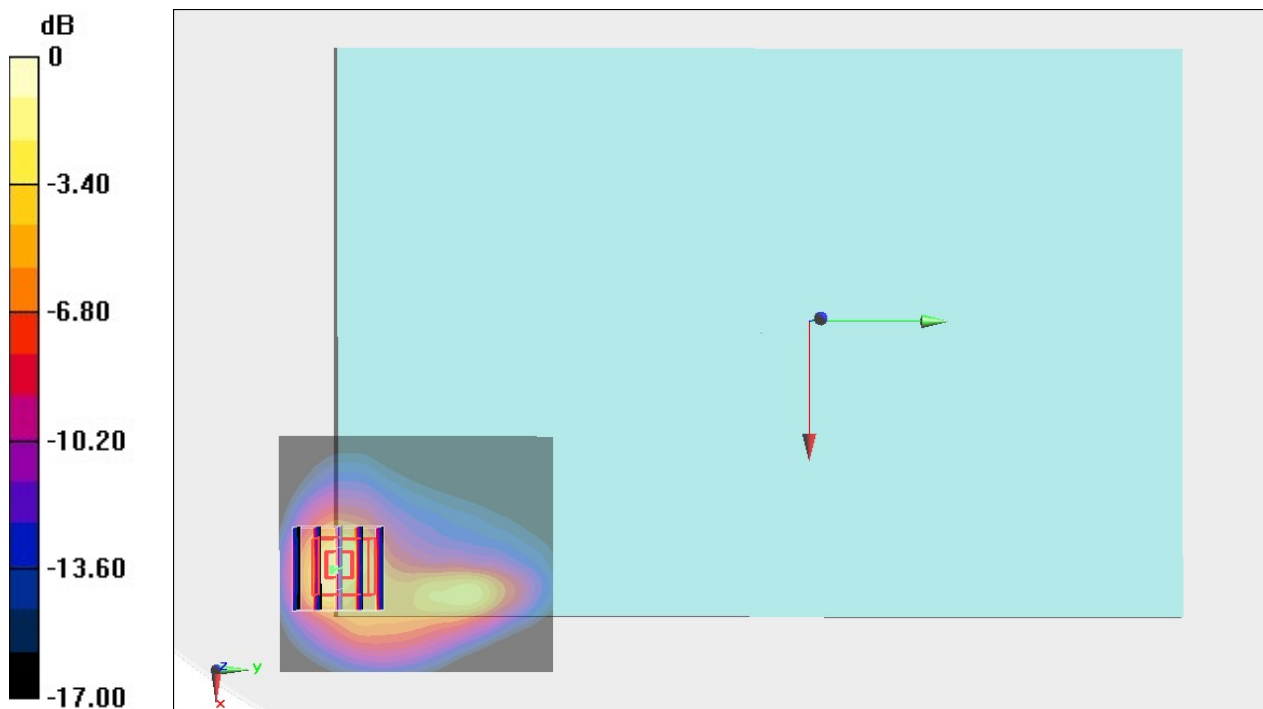
Communication System: LTE; Frequency: 831.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_850\_191122 Medium parameters used :  $f = 831.5$  MHz;  $\sigma = 0.893$  S/m;  $\epsilon_r = 41.551$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration

- Probe: ES3DV3 - SN3270; ConvF(6.43, 6.43, 6.43) @ 831.5 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- 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) = 1.11 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 31.34 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 2.98 W/kg  
**SAR(1 g) = 0.984 W/kg; SAR(10 g) = 0.395 W/kg**  
Maximum value of SAR (measured) = 1.44 W/kg



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



**#09\_LTE Band 30\_10M\_QPSK\_50\_0\_Bottom Face\_0mm\_Ch27710;AMP**

Communication System: LTE; Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: HSL\_2300\_191026 Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.664$  S/m;  $\epsilon_r = 39.222$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.96, 4.96, 4.96) @ 2310 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Area Scan (71x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.31 W/kg

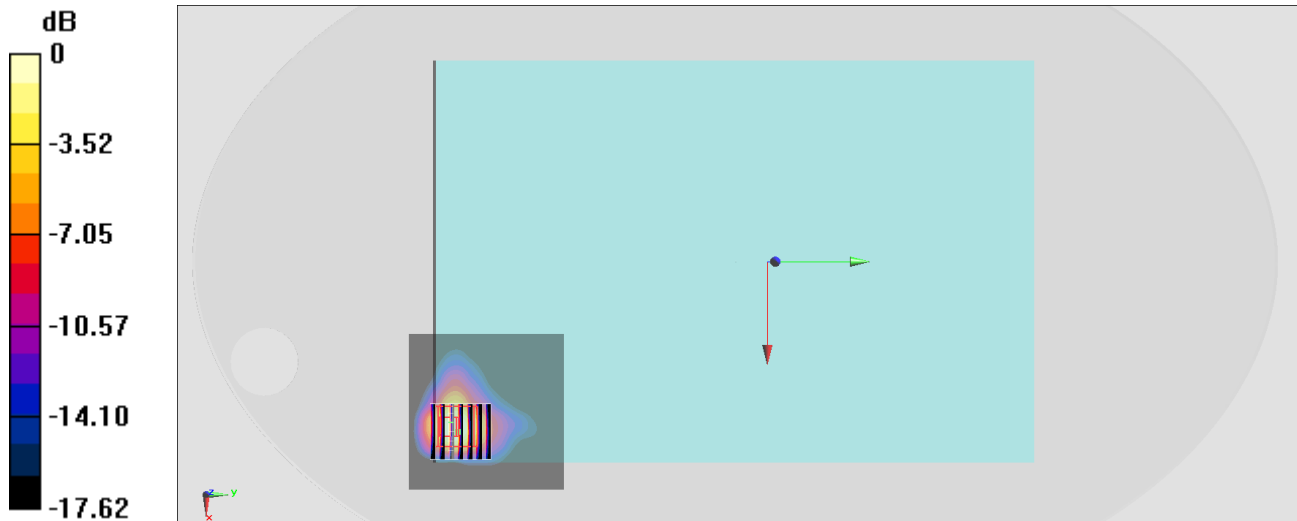
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.82 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 2.78 W/kg

**SAR(1 g) = 0.957 W/kg; SAR(10 g) = 0.382 W/kg**

Maximum value of SAR (measured) = 1.52 W/kg



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

### #10\_LTE Band 66\_20M\_QPSK\_100\_0\_Bottom Face\_0mm\_Ch132572

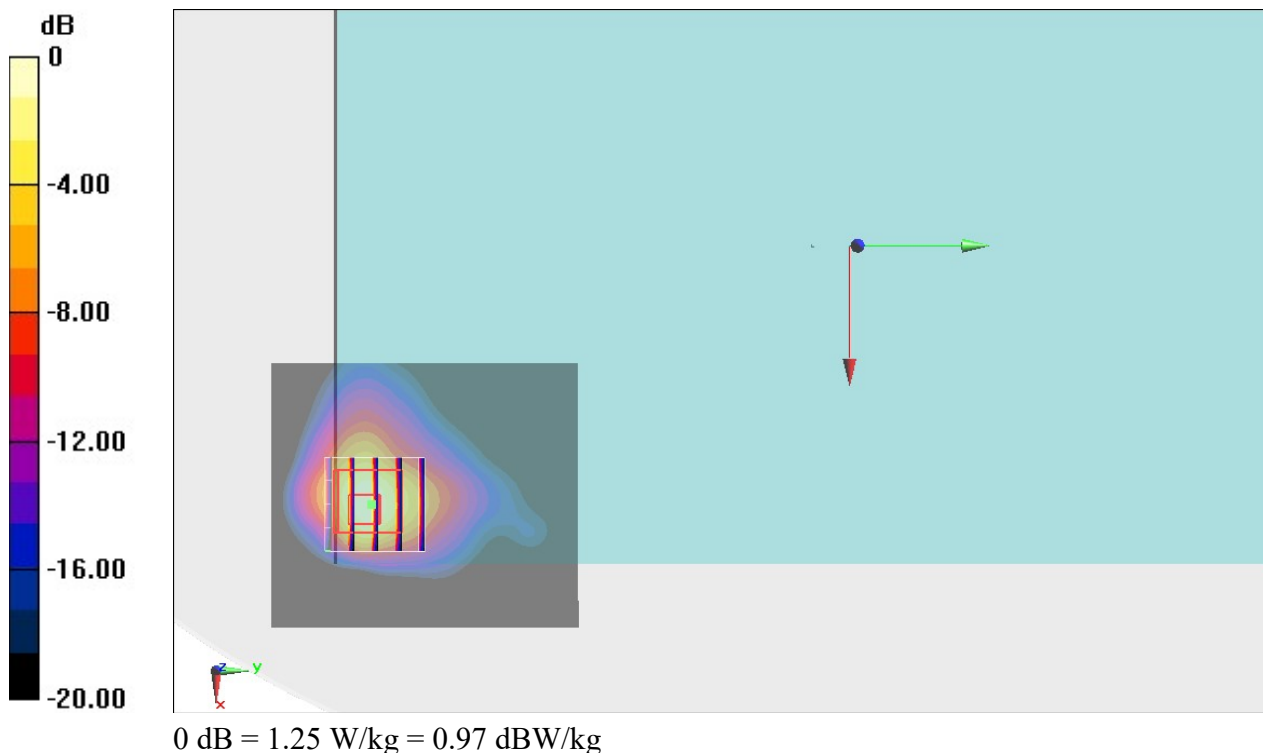
Communication System: LTE; Frequency: 1770 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_191120 Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.364$  S/m;  $\epsilon_r = 40.763$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration

- Probe: ES3DV3 - SN3270; ConvF(5.41, 5.41, 5.41) @ 1770 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- 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) = 1.19 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 22.03 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 2.59 W/kg  
**SAR(1 g) = 1.000 W/kg; SAR(10 g) = 0.412 W/kg**  
Maximum value of SAR (measured) = 1.25 W/kg



### #11\_LTE Band 41\_20M\_QPSK\_50\_0\_Bottom Face\_0mm\_Ch40185;SPD

Communication System: LTE; Frequency: 2549.5 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600\_191027 Medium parameters used:  $f = 2550$  MHz;  $\sigma = 1.94$  S/m;  $\epsilon_r = 38.477$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: ES3DV3 - SN3184; ConvF(4.49, 4.49, 4.49) @ 2549.5 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.90 W/kg

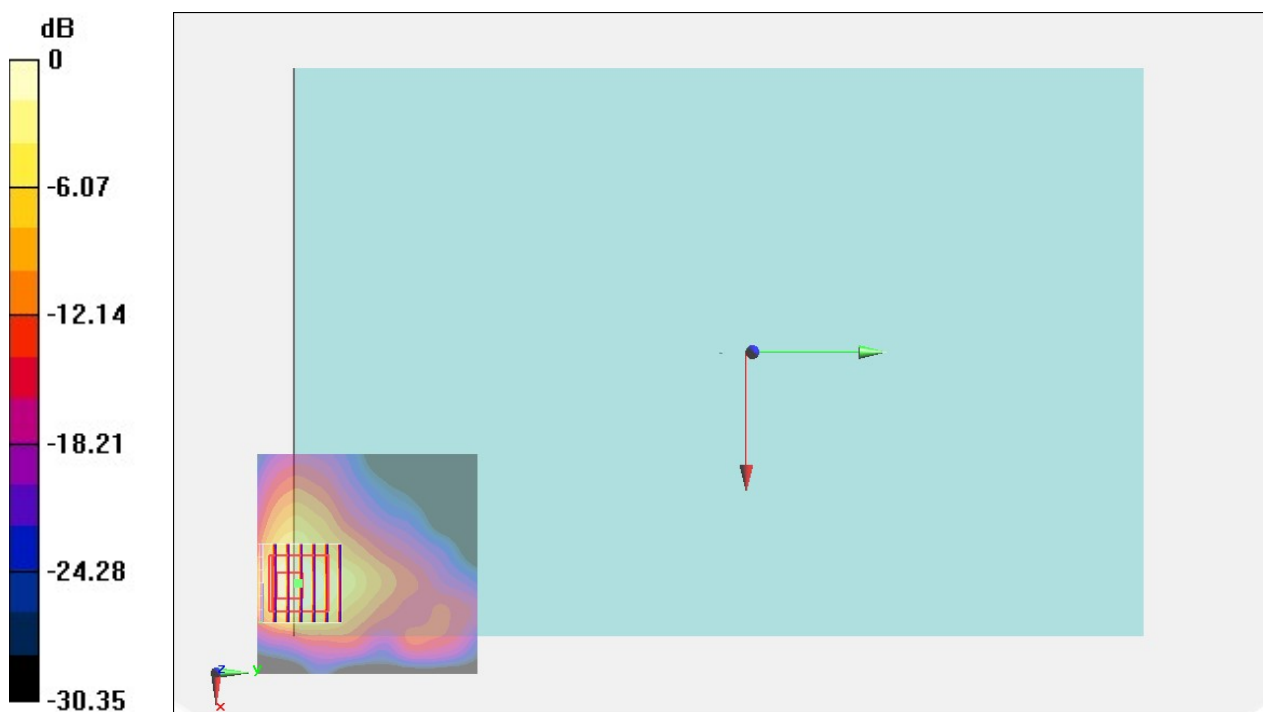
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.79 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.27 W/kg

**SAR(1 g) = 0.901 W/kg; SAR(10 g) = 0.364 W/kg**

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



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