

**#01\_GSM850\_GPRS (2 Tx slots)\_Bottom Face\_0mm\_Ch128**

Communication System: GSM850 ; Frequency: 824.2 MHz; Duty Cycle: 1:4.15

Medium: MSL\_850\_150604 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.97$  S/m;  $\epsilon_r = 56.175$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3697; ConvF(8.75, 8.75, 8.75); Calibrated: 2014/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: ELI\_Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch128/Area Scan (61x81x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 1.13 W/kg

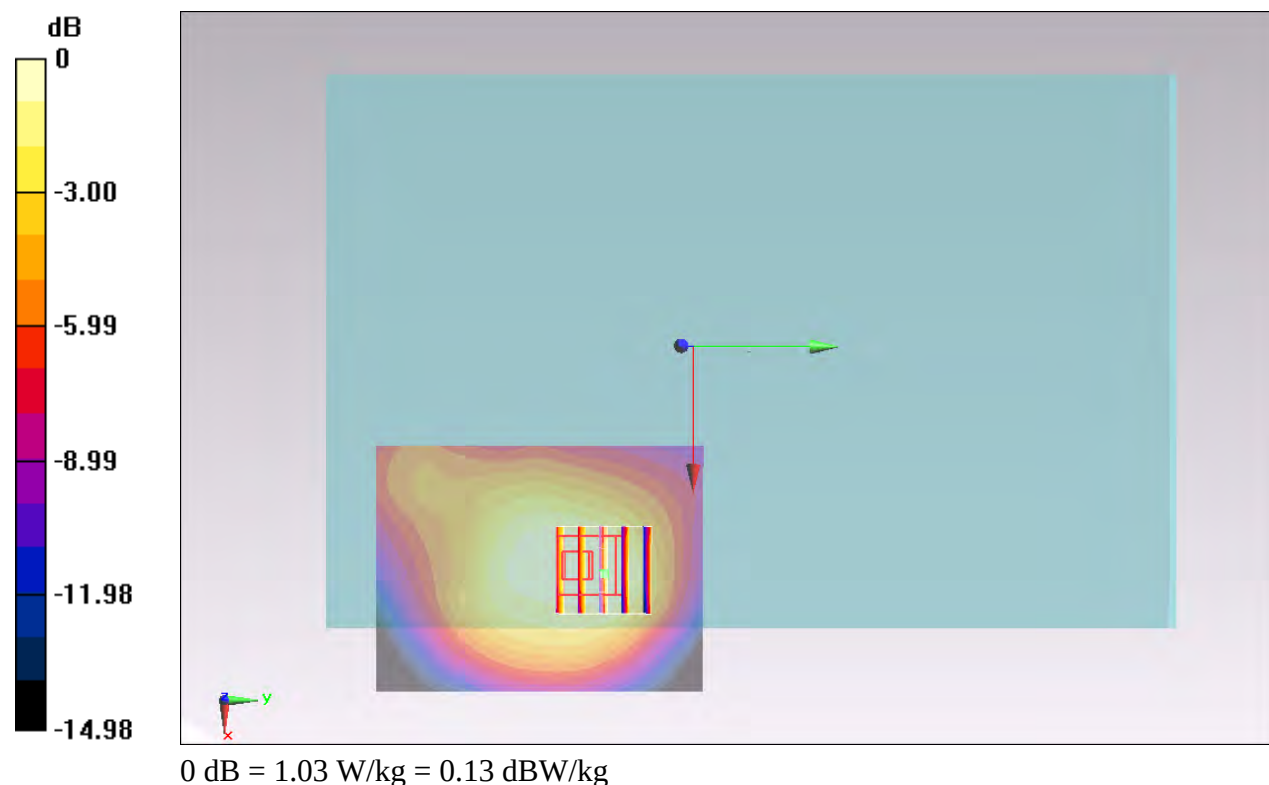
**Configuration/Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 34.55 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.803 W/kg; SAR(10 g) = 0.541 W/kg**

Maximum value of SAR (measured) = 1.03 W/kg



**#02\_GSM1900\_GPRS (2 Tx slots)\_Bottom Face\_0mm\_Ch512**

Communication System: PCS ; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium: MSL\_1900\_150603 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.486$  S/m;  $\epsilon_r = 55.406$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.1 °C

**DASY5 Configuration**

- Probe: EX3DV4 - SN3697; ConvF(7.06, 7.06, 7.06); Calibrated: 2014/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch512/Area Scan (51x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.21 W/kg

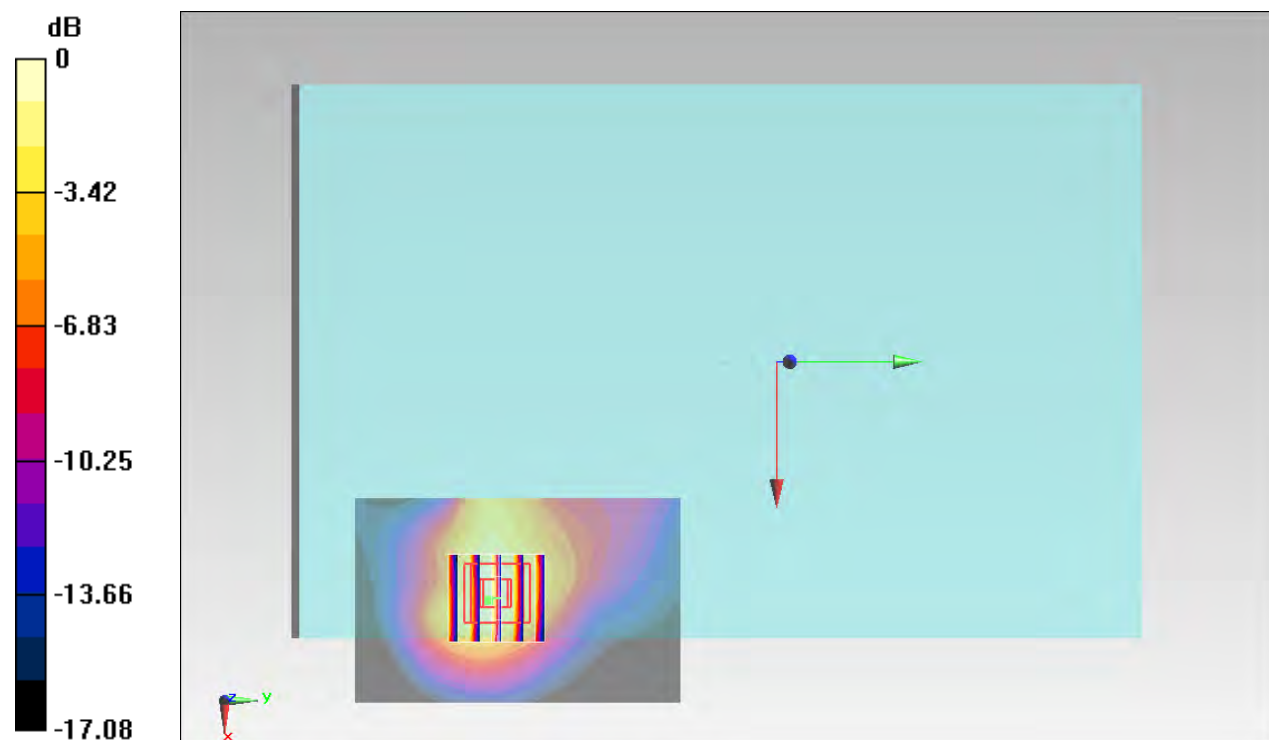
**Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.37 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.43 W/kg

**SAR(1 g) = 0.840 W/kg; SAR(10 g) = 0.474 W/kg**

Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.22 W/kg = 0.86 dBW/kg

**#03\_WCDMA V\_RMC 12.2Kbps\_Bottom Face\_0mm\_Ch4182**

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

Medium: MSL\_850\_150604 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.982$  S/m;  $\epsilon_r = 56.072$ ;

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

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3697; ConvF(8.75, 8.75, 8.75); Calibrated: 2014/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: ELI\_Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch4182/Area Scan (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.622 W/kg

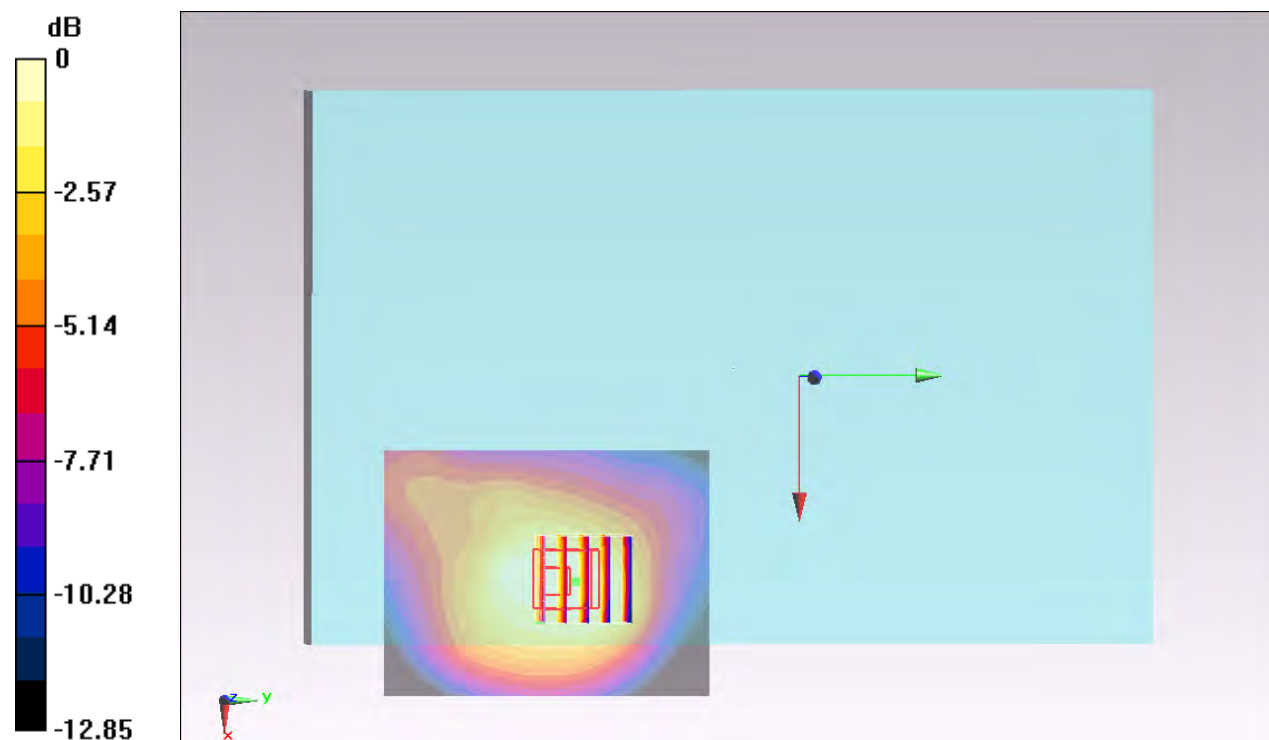
**Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.12 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.695 W/kg

**SAR(1 g) = 0.506 W/kg; SAR(10 g) = 0.359 W/kg**

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



**#04\_WCDMA IV\_RMC 12.2Kbps\_Bottom Face\_0mm\_Ch1312**

Communication System: WCDMA ; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_150604 Medium parameters used :  $f = 1712.4$  MHz;  $\sigma = 1.493$  S/m;  $\epsilon_r = 54.131$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3697; ConvF(7.38, 7.38, 7.38); Calibrated: 2014/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch1312/Area Scan (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

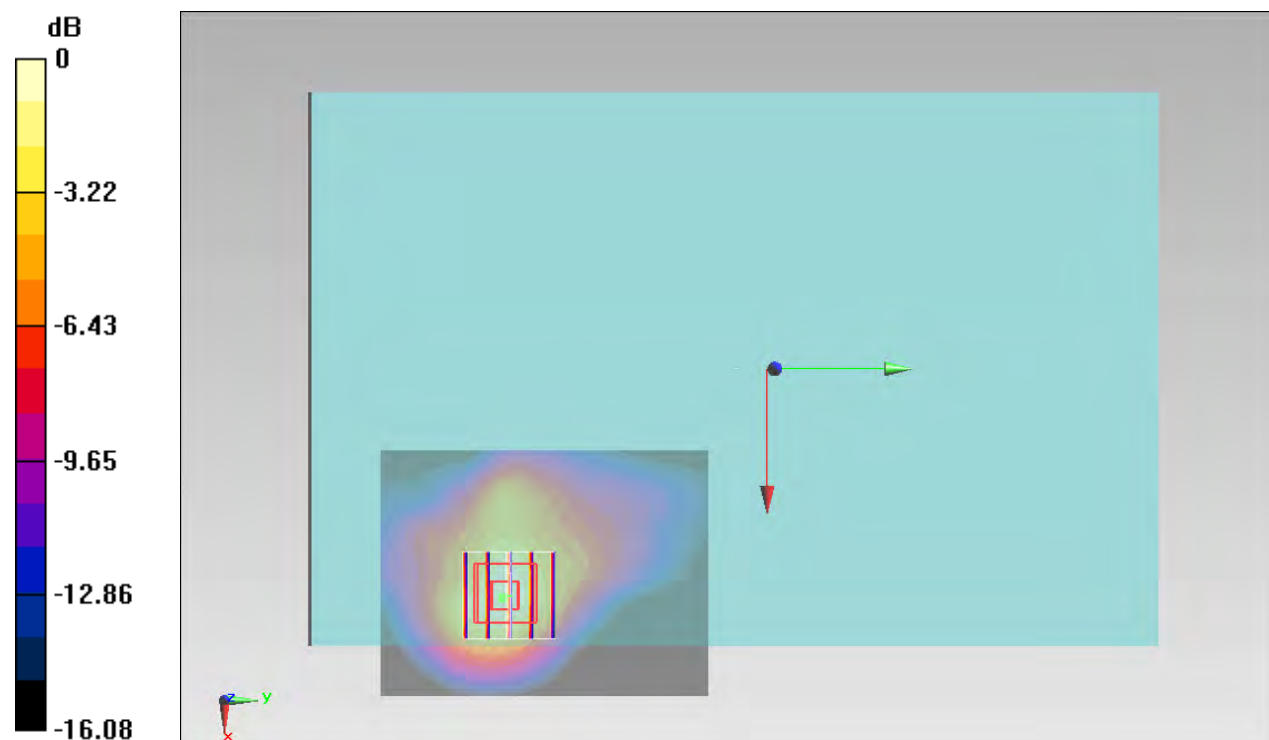
**Configuration/Ch1312/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.86 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.23 W/kg

**SAR(1 g) = 0.742 W/kg; SAR(10 g) = 0.424 W/kg**

Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg = 0.25 dBW/kg

**#05\_WCDMA II\_RMC 12.2Kbps\_Bottom Face\_0mm\_Ch9400**

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

Medium: MSL\_1900\_150603 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.514$  S/m;  $\epsilon_r = 55.246$ ;

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

Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.1 °C

**DASY5 Configuration**

- Probe: EX3DV4 - SN3697; ConvF(7.06, 7.06, 7.06); Calibrated: 2014/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch9400/Area Scan (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

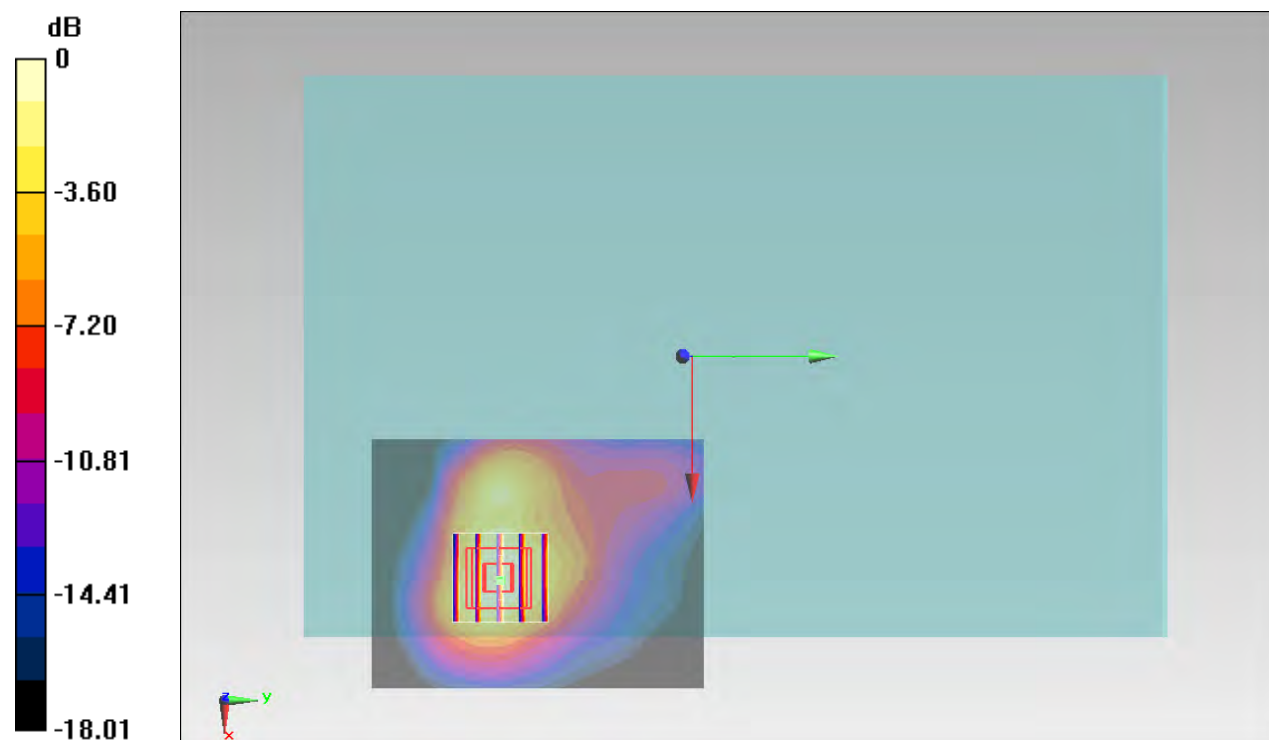
**Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.02 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.24 W/kg

**SAR(1 g) = 0.733 W/kg; SAR(10 g) = 0.403 W/kg**

Maximum value of SAR (measured) = 1.06 W/kg



**#06\_CDMA2000 BC10\_RTAP 153.6Kbps\_Bottom Face\_0mm\_Ch684**

Communication System: CDMA ; Frequency: 823.1 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_150604 Medium parameters used:  $f = 823.1$  MHz;  $\sigma = 0.969$  S/m;  $\epsilon_r = 56.184$ ;

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

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3697; ConvF(8.75, 8.75, 8.75); Calibrated: 2014/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: ELI\_Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch684/Area Scan (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.712 W/kg

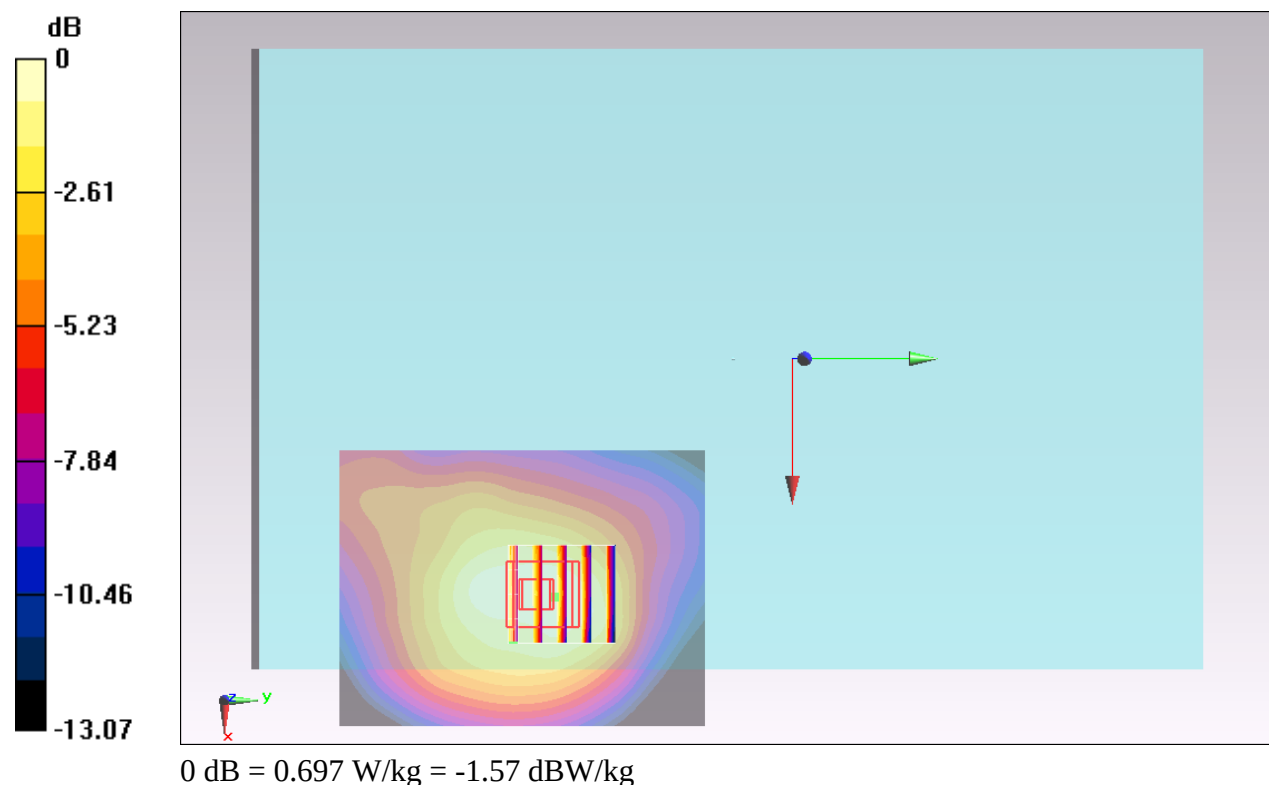
**Configuration/Ch684/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.04 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.791 W/kg

**SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.392 W/kg**

Maximum value of SAR (measured) = 0.697 W/kg



**#07\_CDMA2000 BC0\_RTAP 153.6Kbps\_Bottom Face\_0mm\_Ch777**

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

Medium: MSL\_850\_150604 Medium parameters used:  $f = 848.31$  MHz;  $\sigma = 0.994$  S/m;  $\epsilon_r = 55.98$ ;

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

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3697; ConvF(8.75, 8.75, 8.75); Calibrated: 2014/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: ELI\_Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch777/Area Scan (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.727 W/kg

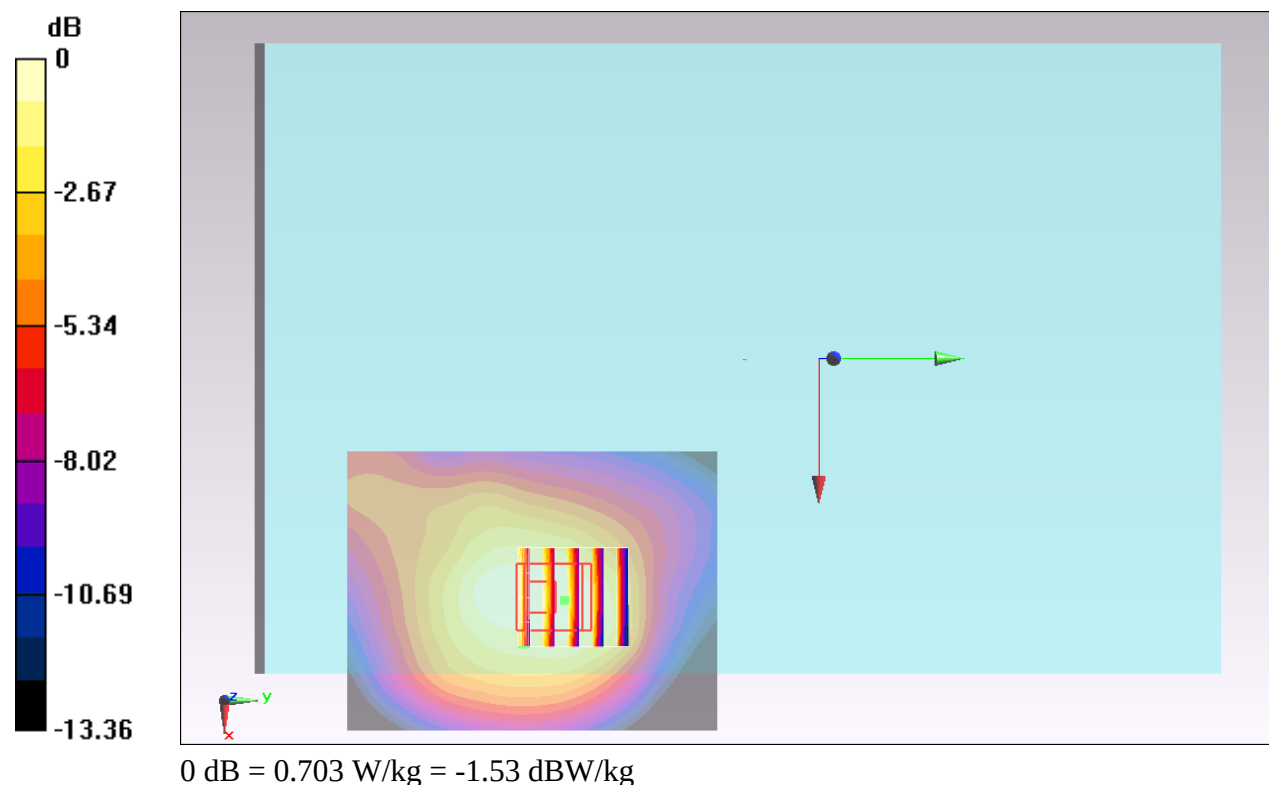
**Configuration/Ch777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.91 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.792 W/kg

**SAR(1 g) = 0.578 W/kg; SAR(10 g) = 0.402 W/kg**

Maximum value of SAR (measured) = 0.703 W/kg



**#08\_CDMA2000 BC1\_RTAP 153.6Kbps\_Bottom Face\_0mm\_Ch1175**

Communication System: CDMA ; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_150603 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.555$  S/m;  $\epsilon_r = 55.109$ ;

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

Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.1 °C

**DASY5 Configuration**

- Probe: EX3DV4 - SN3697; ConvF(7.06, 7.06, 7.06); Calibrated: 2014/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch1175/Area Scan (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.38 W/kg

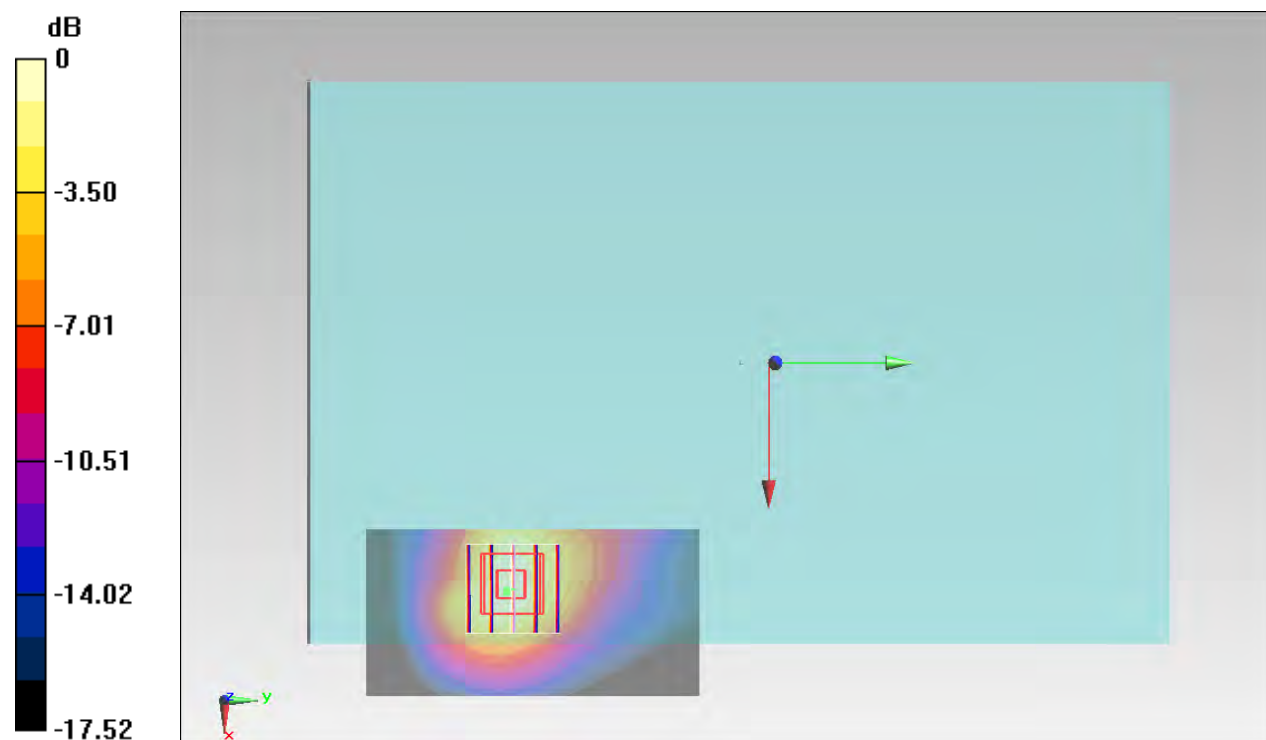
**Configuration/Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.85 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.60 W/kg

**SAR(1 g) = 0.931 W/kg; SAR(10 g) = 0.515 W/kg**

Maximum value of SAR (measured) = 1.36 W/kg



0 dB = 1.36 W/kg = 1.34 dBW/kg



**#09\_LTE Band 17\_10M\_QPSK\_1RB\_0Offset\_Slant of Edge 1\_0mm\_Ch23790**

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

Medium: MSL\_750\_150608 Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.932$  S/m;  $\epsilon_r = 58.264$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3931; ConvF(10.1, 10.1, 10.1); Calibrated: 2014/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch23790/Area Scan (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.13 W/kg

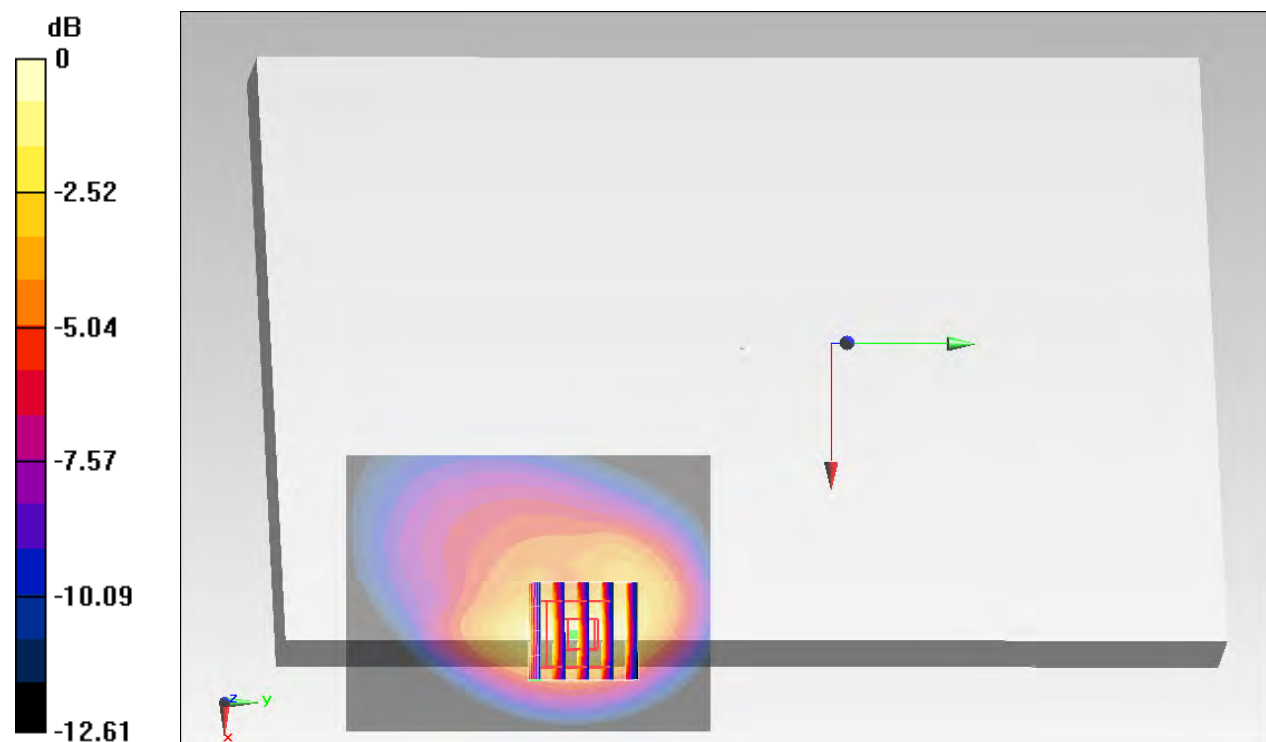
**Configuration/Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.35 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.34 W/kg

**SAR(1 g) = 0.794 W/kg; SAR(10 g) = 0.478 W/kg**

Maximum value of SAR (measured) = 1.15 W/kg



**#10\_LTE Band 13\_10M\_QPSK\_1RB\_0Offset\_Bottom Face\_0mm\_Ch23230**

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

Medium: MSL\_750\_150608 Medium parameters used:  $f = 782$  MHz;  $\sigma = 0.997$  S/m;  $\epsilon_r = 57.52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3954; ConvF(10.07, 10.07, 10.07); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch23230/Area Scan (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.793 W/kg

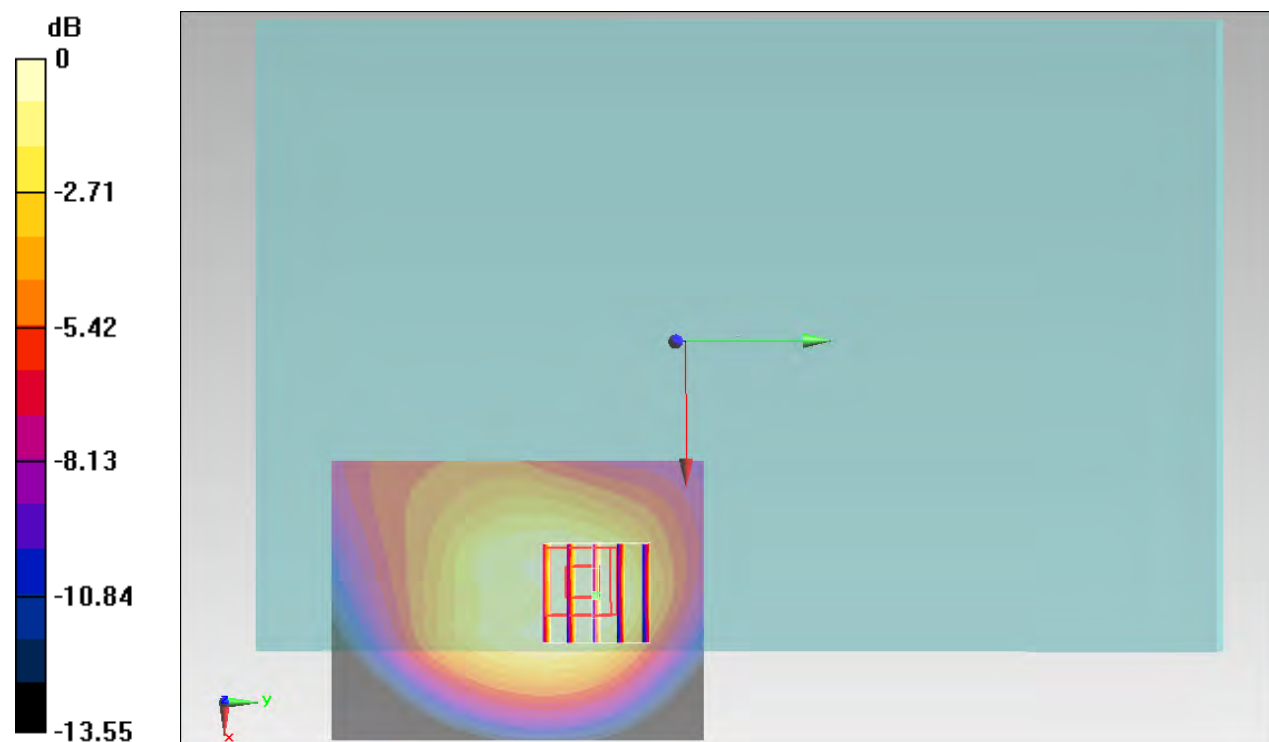
**Configuration/Ch23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.69 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.899 W/kg

**SAR(1 g) = 0.575 W/kg; SAR(10 g) = 0.390 W/kg**

Maximum value of SAR (measured) = 0.779 W/kg



0 dB = 0.779 W/kg = -1.08 dBW/kg

**#11\_LTE Band 5\_10M\_QPSK\_1RB\_0Offset\_Bottom Face\_0mm\_Ch20525**

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

Medium: MSL\_850\_150604 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.982$  S/m;  $\epsilon_r = 56.071$ ;

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

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3697; ConvF(8.75, 8.75, 8.75); Calibrated: 2014/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: ELI\_Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch20525/Area Scan (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.599 W/kg

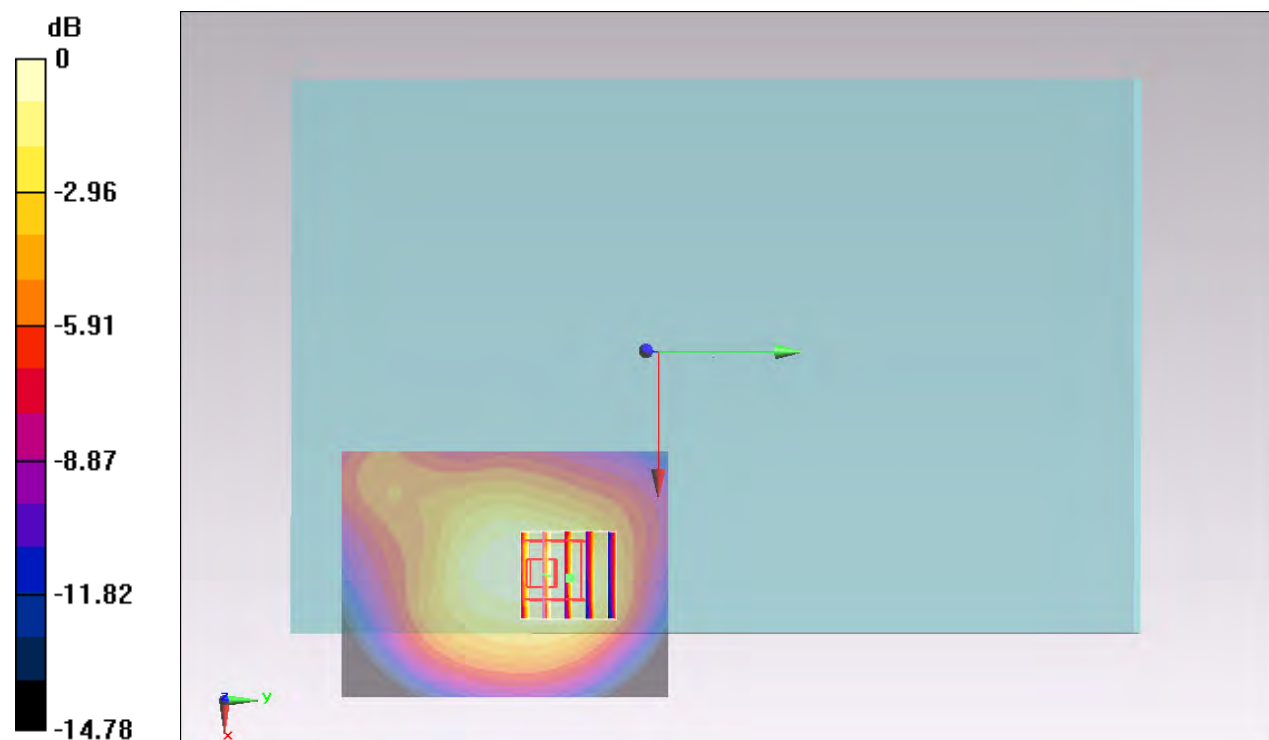
**Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.58 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.674 W/kg

**SAR(1 g) = 0.473 W/kg; SAR(10 g) = 0.314 W/kg**

Maximum value of SAR (measured) = 0.590 W/kg



**#12\_LTE Band 4\_20M\_QPSK\_1RB\_0offset\_Bottom Face\_0mm\_Ch20050**

Communication System: LTE ; Frequency: 1720 MHz;Duty Cycle: 1:1

Medium: MSL\_1750\_150604 Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.501$  S/m;  $\epsilon_r = 54.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3697; ConvF(7.38, 7.38, 7.38); Calibrated: 2014/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch20050/Area Scan (51x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.11 W/kg

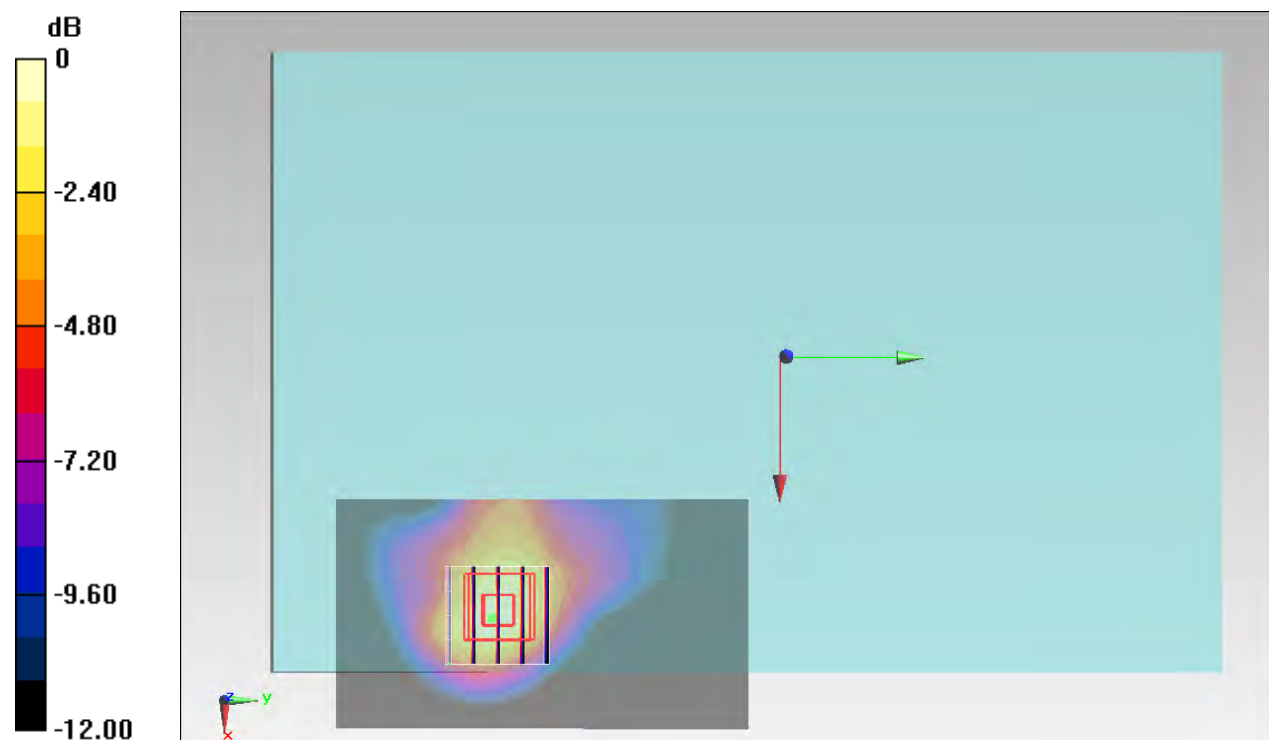
**Configuration/Ch20050/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.30 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.32 W/kg

**SAR(1 g) = 0.789 W/kg; SAR(10 g) = 0.451 W/kg**

Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 1.13 W/kg = 0.53 dBW/kg

**#13\_LTE Band 25\_20M\_QPSK\_1RB\_0offset\_Bottom Face\_0mm\_Ch26140**

Communication System: LTE ; Frequency: 1860 MHz;Duty Cycle: 1:1

Medium: MSL\_1900\_150603 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.495$  S/m;  $\epsilon_r = 55.367$ ;

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

Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.1 °C

**DASY5 Configuration**

- Probe: EX3DV4 - SN3697; ConvF(7.06, 7.06, 7.06); Calibrated: 2014/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch26140/Area Scan (51x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

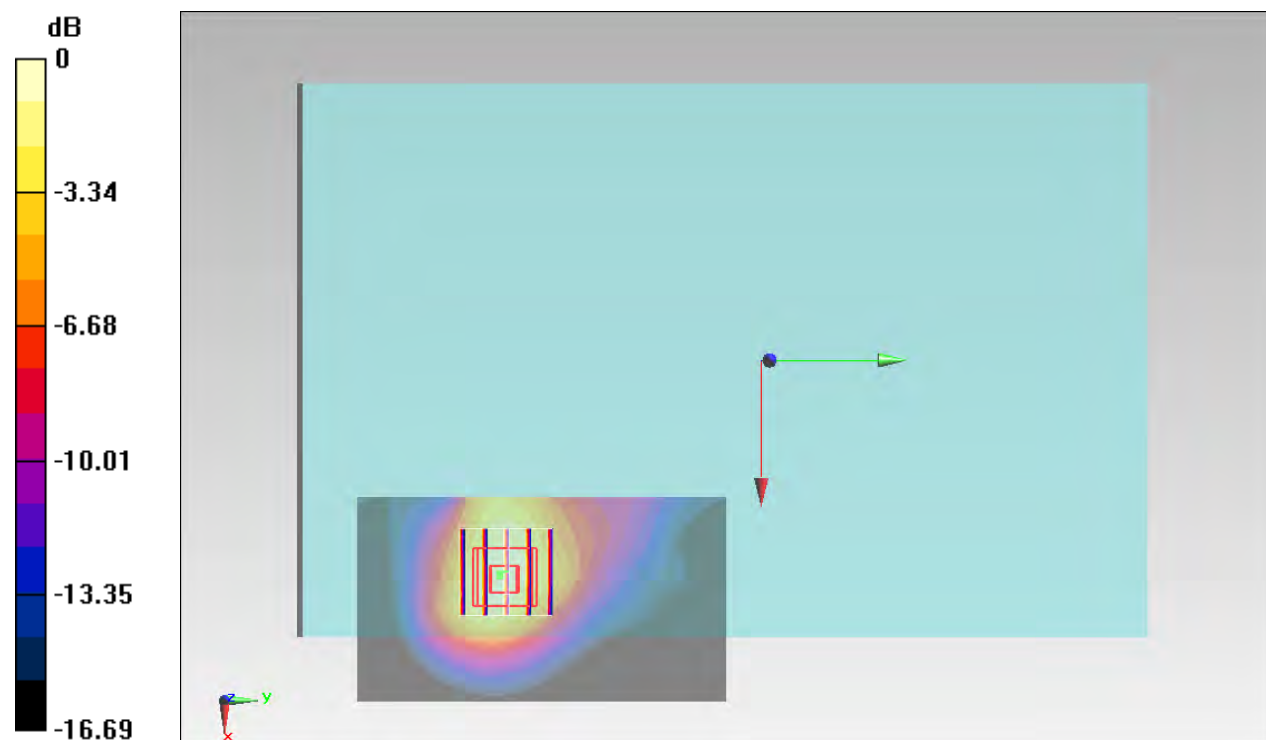
**Configuration/Ch26140/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.06 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.34 W/kg

**SAR(1 g) = 0.795 W/kg; SAR(10 g) = 0.442 W/kg**

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



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