

#01_GSM850_GPRS (2 Tx slots)_Bottom Face_0cm_Ch189

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4.15

Medium: MSL_850_131006 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.964$ S/m; $\epsilon_r = 54.54$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(5.8, 5.8, 5.8); Calibrated: 2013/6/18;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch189/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 1.81 W/kg

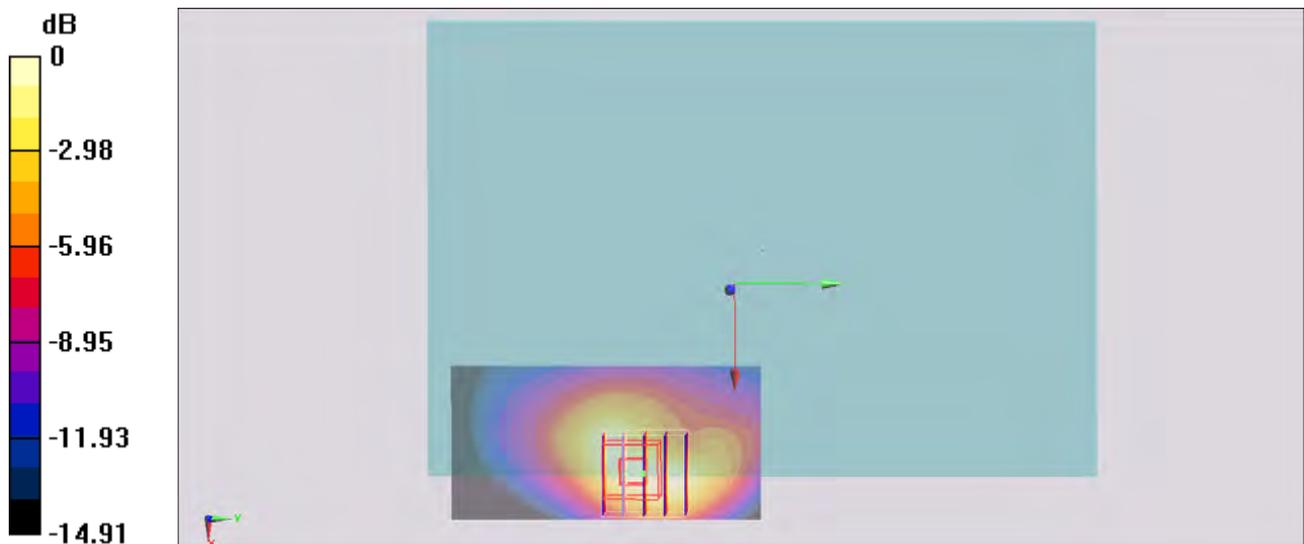
Configuration/Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 44.944 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.54 W/kg

SAR(1 g) = 1.41 W/kg; SAR(10 g) = 0.792 W/kg

Maximum value of SAR (measured) = 1.77 W/kg



0 dB = 1.77 W/kg = 2.48 dBW/kg

#02_GSM1900_GPRS (2 Tx slots)_Bottom Face_0cm_Ch661

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4.15

Medium: MSL_1900_131006 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.532$ S/m; $\epsilon_r = 52.052$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(4.29, 4.29, 4.29); Calibrated: 2013/6/18;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch661/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.55 W/kg

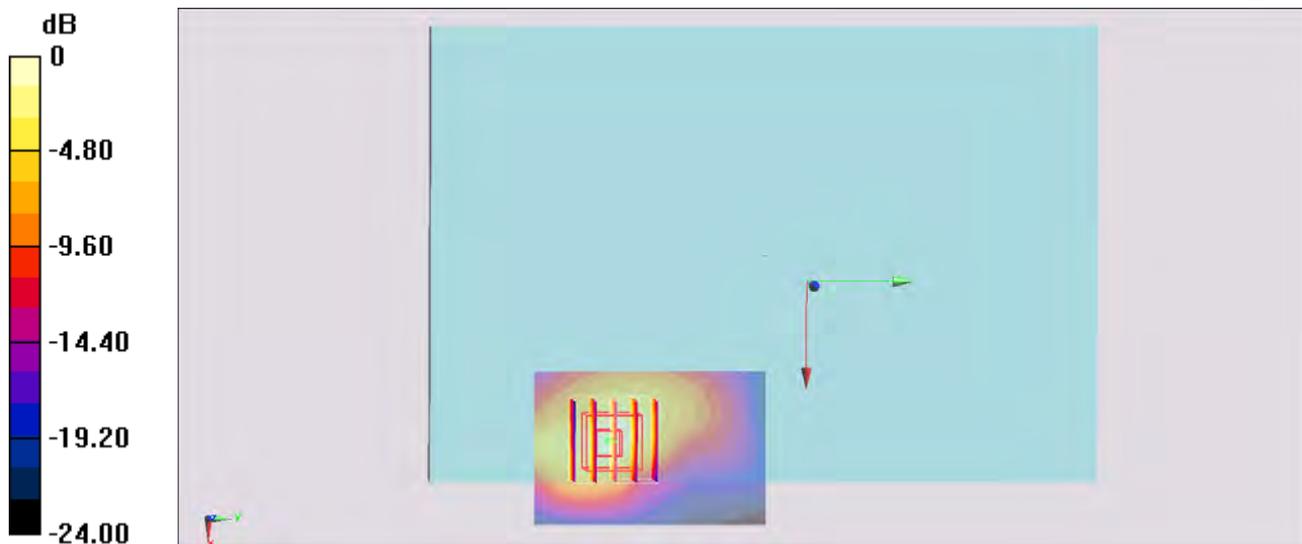
Configuration/Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.852 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.30 W/kg

SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.653 W/kg

Maximum value of SAR (measured) = 1.66 W/kg



0 dB = 1.66 W/kg = 2.20 dBW/kg

#03_WCDMA V_RMC12.2Kbps_Bottom Face_0cm_Ch4233

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL_850_131008 Medium parameters used: $f = 847$ MHz; $\sigma = 1.006$ S/m; $\epsilon_r = 56.14$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(5.8, 5.8, 5.8); Calibrated: 2013/6/18;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch4233/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.43 W/kg

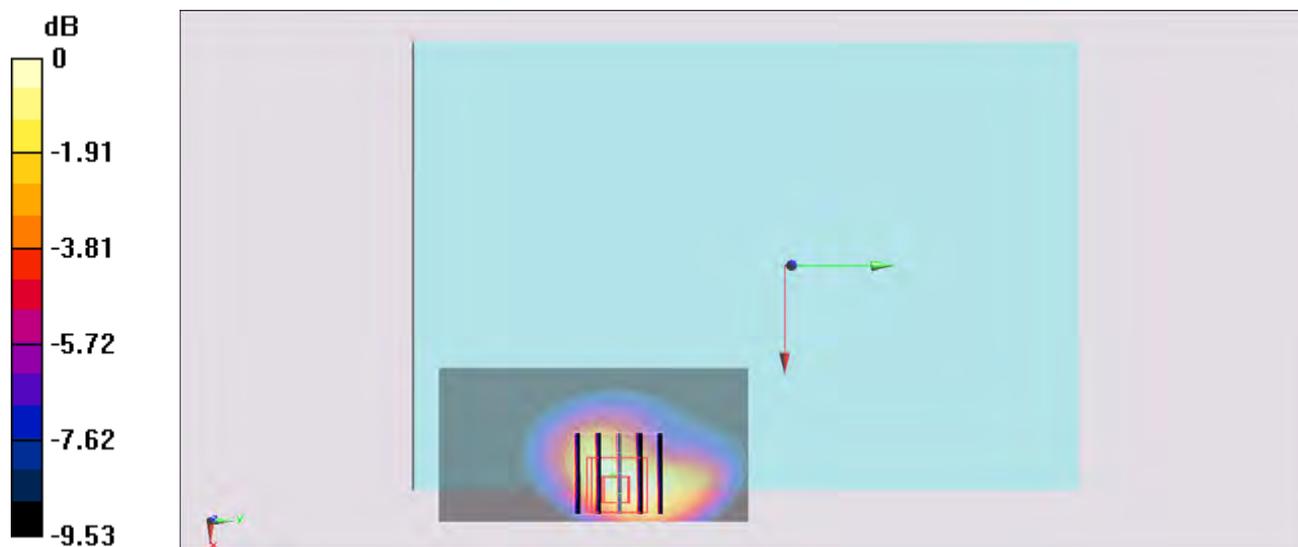
Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.198 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.10 W/kg

SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.650 W/kg

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



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

#04_WCDMA IV_RMC12.2Kbps_Bottom Face_0cm_Ch1413

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_131209 Medium parameters used: $f = 1733 \text{ MHz}$; $\sigma = 1.503 \text{ S/m}$; $\epsilon_r = 53.892$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $22.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.99, 7.99, 7.99); Calibrated: 2013/9/10;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2013/5/8
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch1413/Area Scan (41x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 2.04 W/kg

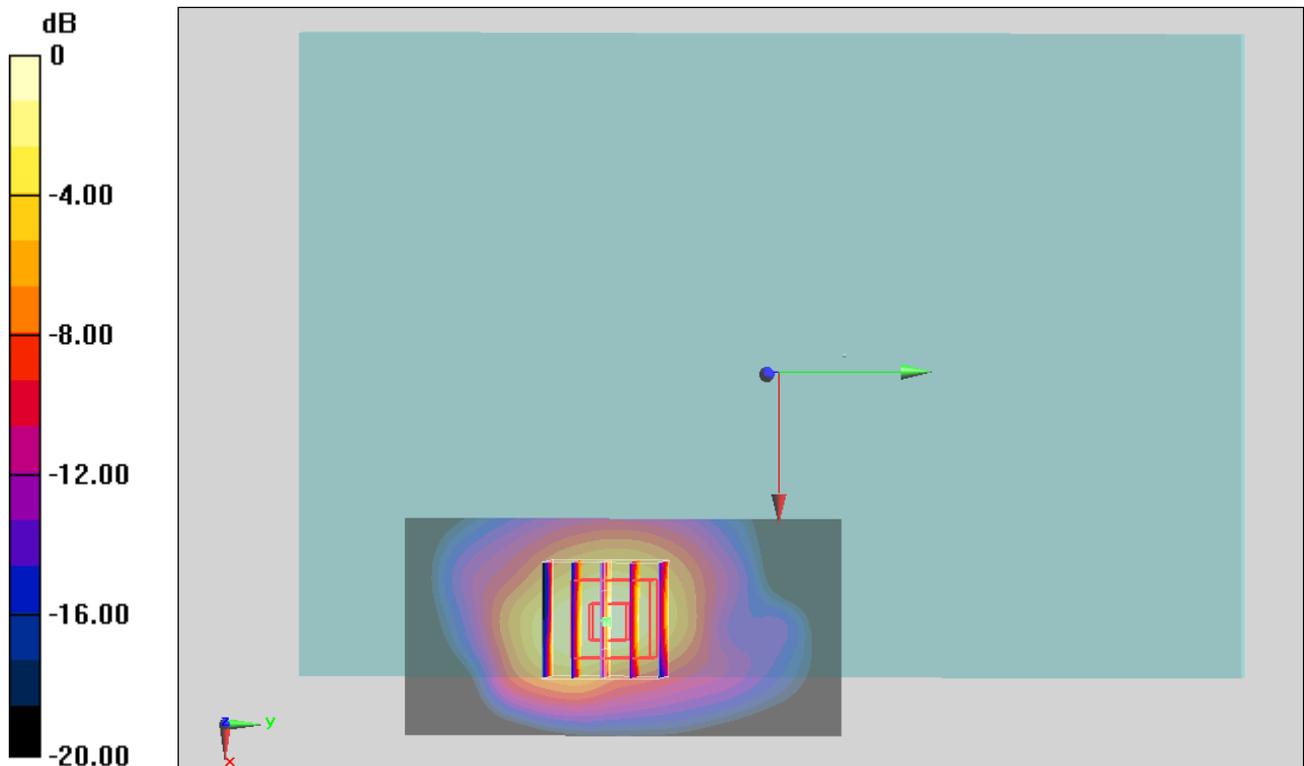
Configuration/Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 35.544 V/m ; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 2.61 W/kg

SAR(1 g) = 1.38 W/kg ; SAR(10 g) = 0.723 W/kg

Maximum value of SAR (measured) = 2.09 W/kg



0 dB = $2.09 \text{ W/kg} = 3.20 \text{ dBW/kg}$

#05_WCDMA II_RMC12.2Kbps_Bottom Face_0cm_Ch9262

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1
 Medium: MSL_1900_131006 Medium parameters used: $f = 1852.4 \text{ MHz}$; $\sigma = 1.502 \text{ S/m}$; $\epsilon_r = 52.13$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(4.29, 4.29, 4.29); Calibrated: 2013/6/18;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch9262/Area Scan (41x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 1.46 W/kg

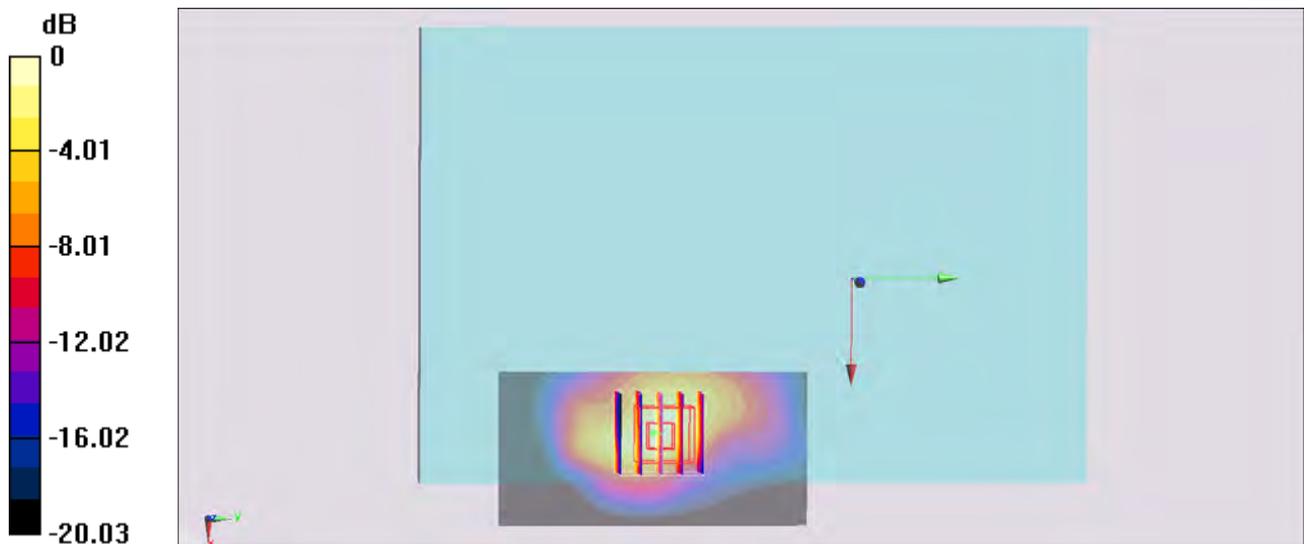
Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 34.374 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.32 W/kg

SAR(1 g) = 1.29 W/kg; SAR(10 g) = 0.651 W/kg

Maximum value of SAR (measured) = 1.63 W/kg



0 dB = 1.63 W/kg = 2.12 dBW/kg

#06_CDMA BC10_RTAP 153.6Kbps_Bottom Face_0cm_Ch580

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

Medium: MSL_850_131010 Medium parameters used : $f = 820.5$ MHz; $\sigma = 0.975$ S/m; $\epsilon_r = 55.017$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(5.8, 5.8, 5.8); Calibrated: 2013/6/18;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch580/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.12 W/kg

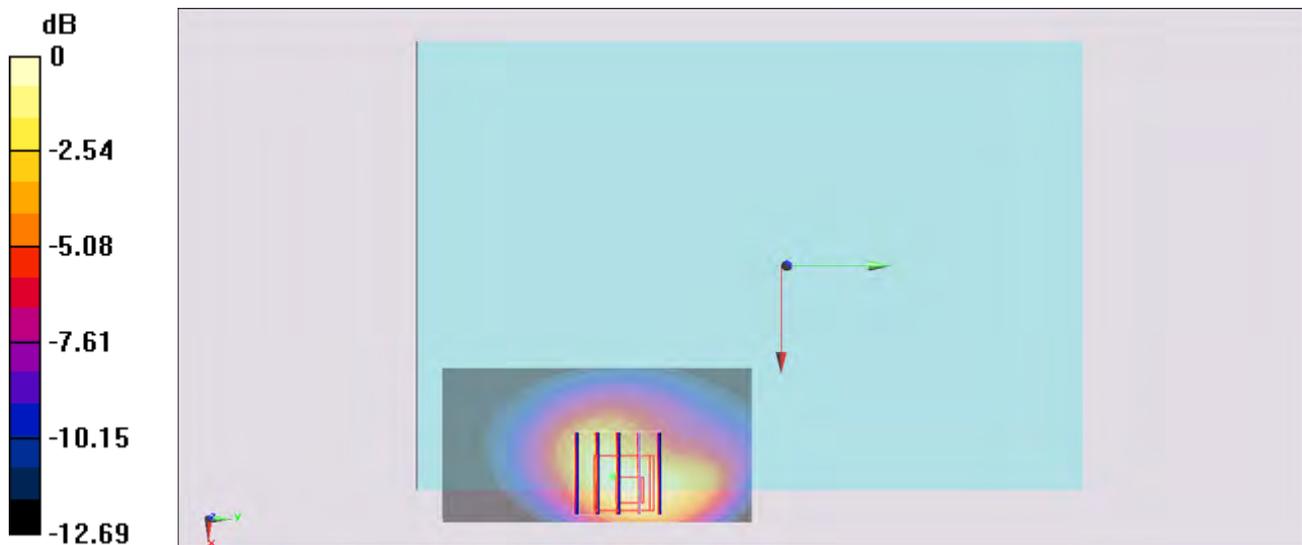
Configuration/Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.574 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 0.928 W/kg; SAR(10 g) = 0.532 W/kg

Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.18 W/kg = 0.72 dBW/kg

#07_CDMA BC0_RTAP 153.6Kbps_Bottom Face_0cm_Ch1013

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_850_131010 Medium parameters used: $f = 825$ MHz; $\sigma = 0.979$ S/m; $\epsilon_r = 54.974$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(5.8, 5.8, 5.8); Calibrated: 2013/6/18;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch1013/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 1.12 W/kg

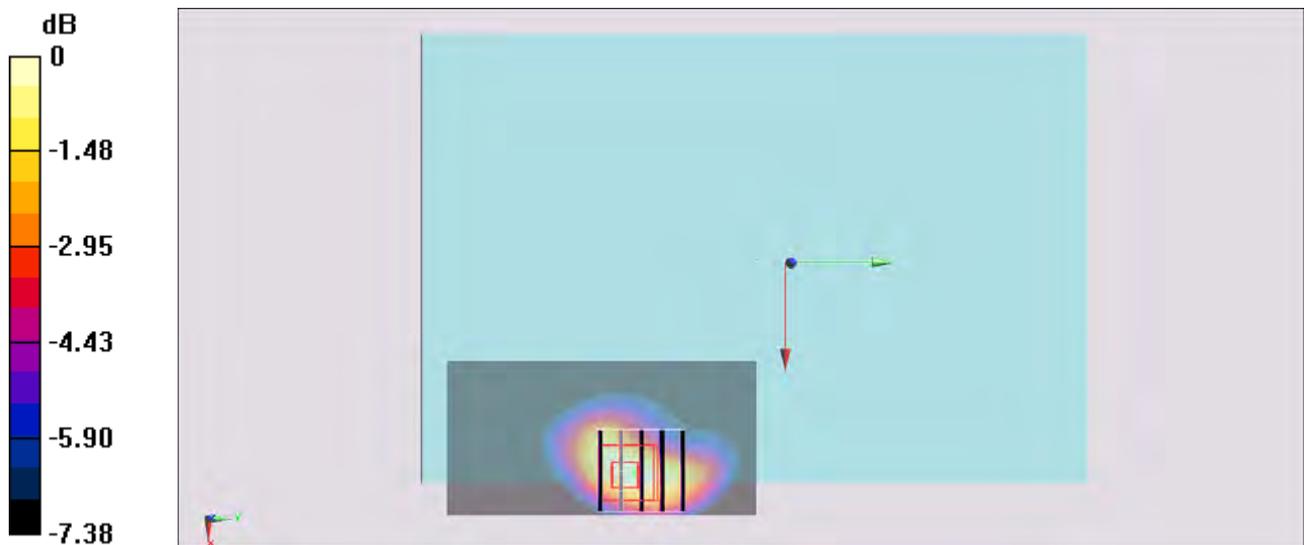
Configuration/Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.556 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 0.890 W/kg; SAR(10 g) = 0.504 W/kg

Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg = 0.49 dBW/kg

#08_CDMA BC1_RTAP 153.6Kbps_Bottom Face_0cm_Ch600

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

Medium: MSL_1900_131008 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.517$ S/m; $\epsilon_r = 52.077$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(4.29, 4.29, 4.29); Calibrated: 2013/6/18;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch600/Area Scan (41x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
 Maximum value of SAR (interpolated) = 1.27 W/kg

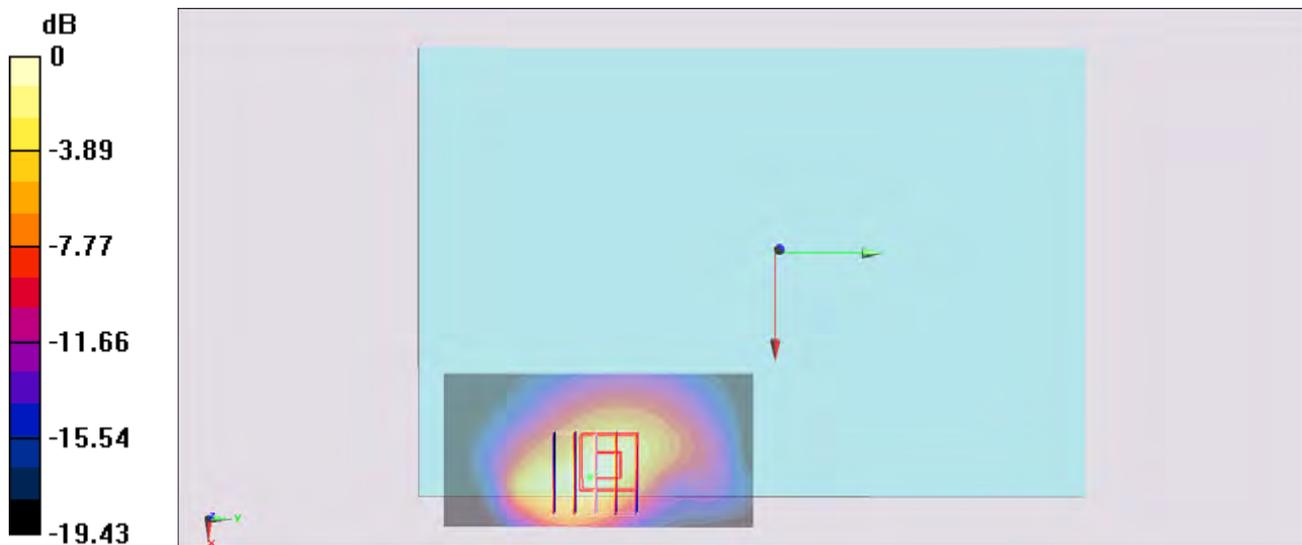
Configuration/Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 29.861 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.91 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.553 W/kg

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



0 dB = 1.28 W/kg = 1.07 dBW/kg

#09_LTE Band 17_10M_QPSK_1RB_24Offset_Bottom Face_0cm_Ch23790

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

Medium: MSL_750_131009 Medium parameters used: $f = 710$ MHz; $\sigma = 0.934$ S/m; $\epsilon_r = 53.767$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(5.88, 5.88, 5.88); Calibrated: 2013/6/18;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch23790/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.79 W/kg

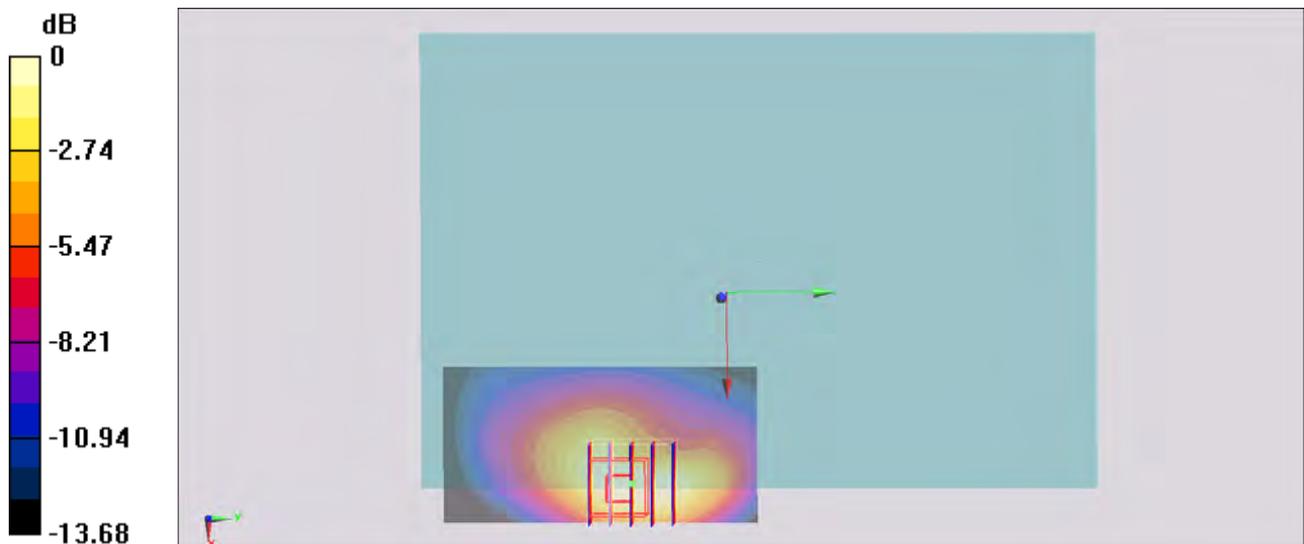
Configuration/Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 44.357 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.51 W/kg

SAR(1 g) = 1.41 W/kg; SAR(10 g) = 0.802 W/kg

Maximum value of SAR (measured) = 1.72 W/kg



0 dB = 1.72 W/kg = 2.36 dBW/kg

#10_LTE Band 13_10M_QPSK_25RB_24Offset_Bottom Face_0cm_Ch23230

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

Medium: MSL_750_131009 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 1.005 \text{ S/m}$; $\epsilon_r = 52.9$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(5.88, 5.88, 5.88); Calibrated: 2013/6/18;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch23230/Area Scan (41x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 1.18 W/kg

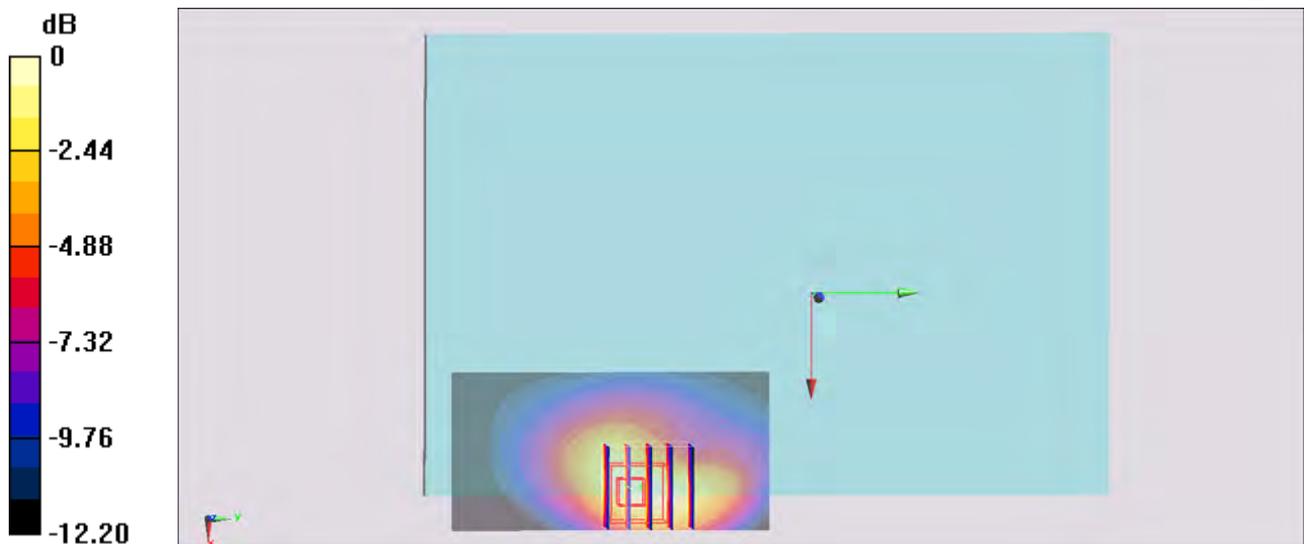
Configuration/Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 33.784 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 0.957 W/kg; SAR(10 g) = 0.546 W/kg

Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg = 0.83 dBW/kg

#11_LTE Band 5_10M_QPSK_1RB_0Offset_Bottom Face_0cm_Ch20525

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

Medium: MSL_850_131010 Medium parameters used : $f = 836.5$ MHz; $\sigma = 0.99$ S/m; $\epsilon_r = 54.868$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(5.8, 5.8, 5.8); Calibrated: 2013/6/18;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch20525/Area Scan (41x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
 Maximum value of SAR (interpolated) = 1.67 W/kg

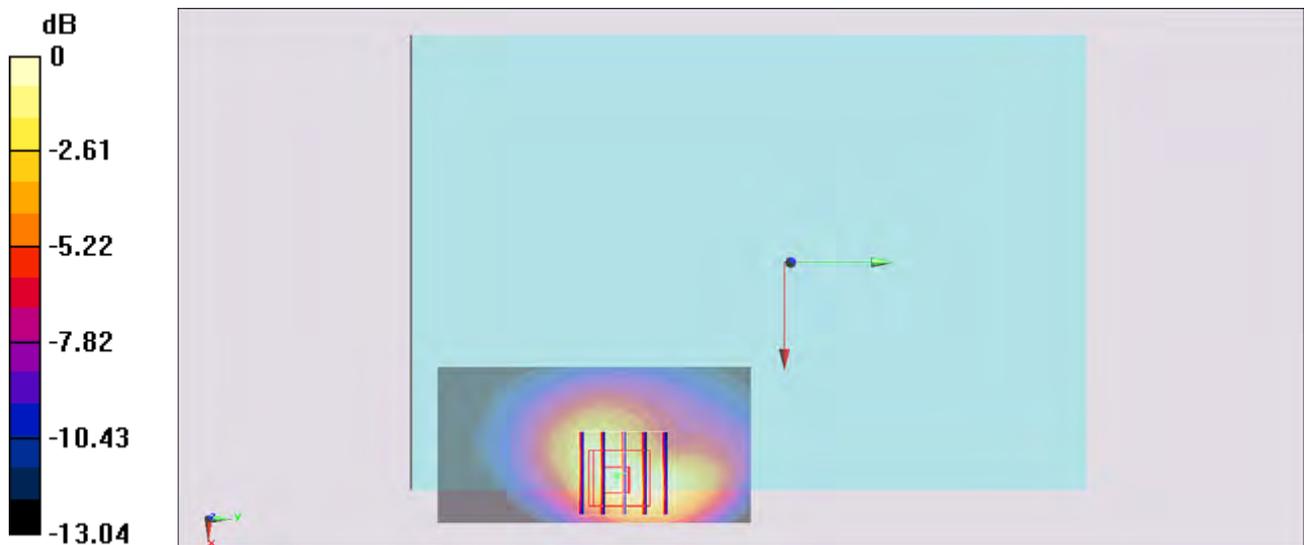
Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 41.492 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.49 W/kg

SAR(1 g) = 1.4 W/kg; SAR(10 g) = 0.793 W/kg

Maximum value of SAR (measured) = 1.67 W/kg



0 dB = 1.67 W/kg = 2.23 dBW/kg

#12_LTE Band 4_20M_QPSK_1RB_49Offset_Bottom Face_0cm_Ch20175

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

Medium: MSL_1750_131008 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.474$ S/m; $\epsilon_r = 52.765$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(4.49, 4.49, 4.49); Calibrated: 2013/6/18;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch20175/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.18 W/kg

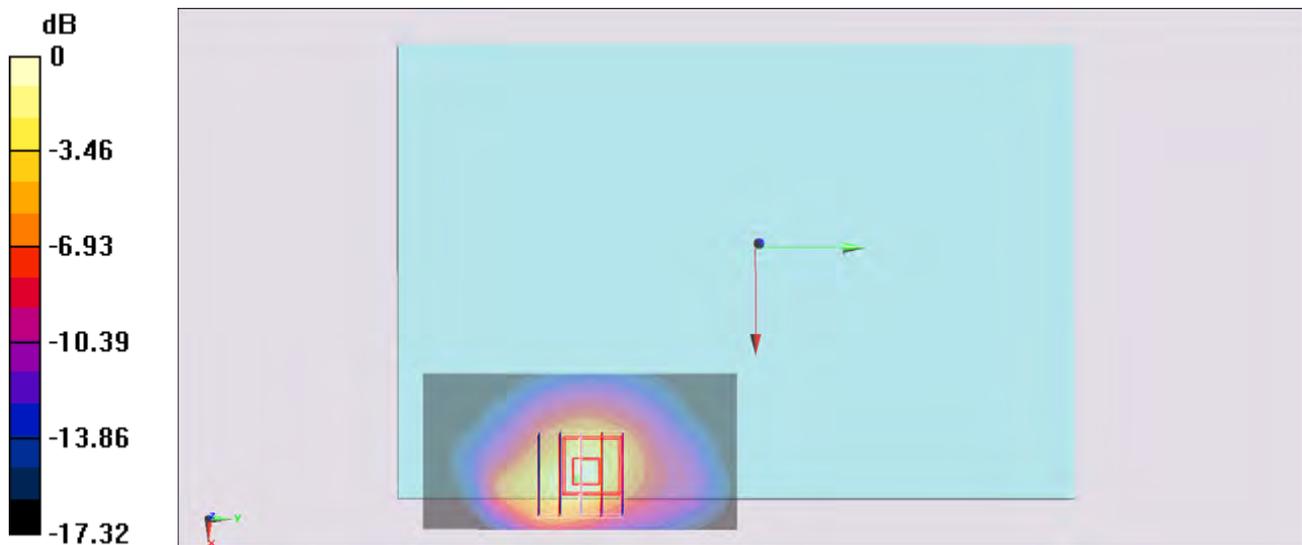
Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.777 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.539 W/kg

Maximum value of SAR (measured) = 1.27 W/kg



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

#13_LTE Band 2_20M_QPSK_50RB_0Offset_Bottom Face_0cm_Ch19100

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

Medium: MSL_1900_131008 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.534$ S/m; $\epsilon_r = 51.986$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(4.29, 4.29, 4.29); Calibrated: 2013/6/18;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch19100/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.59 W/kg

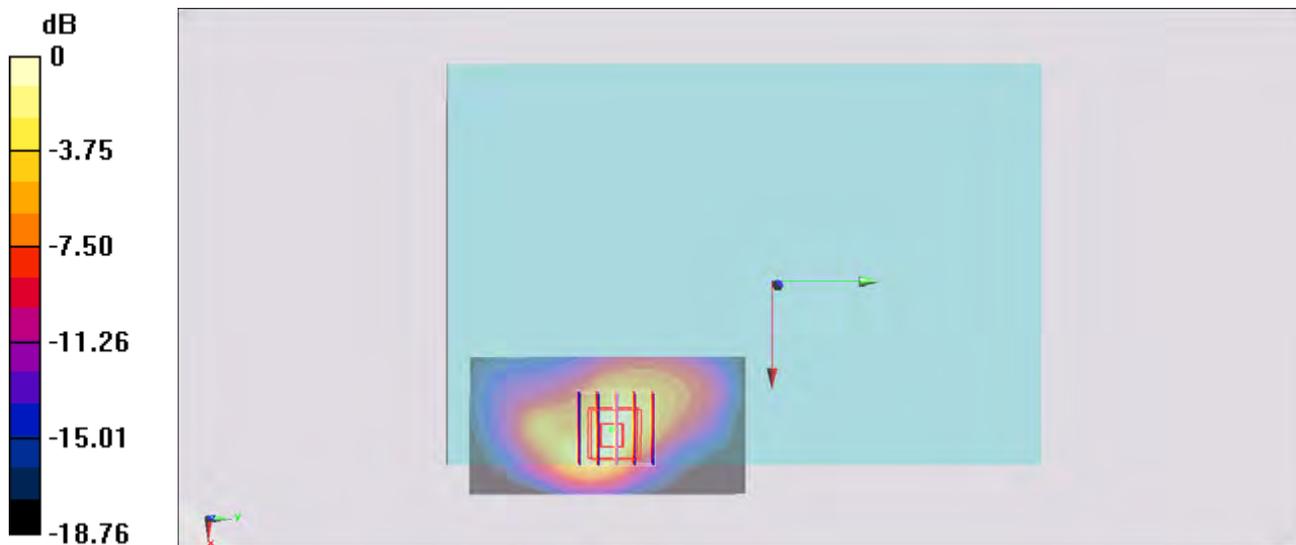
Configuration/Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.851 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 2.21 W/kg

SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.636 W/kg

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



0 dB = 1.52 W/kg = 1.82 dBW/kg

#14_LTE Band 25_20M_QPSK_1RB_0Offset_Bottom Face_0cm_Ch26590

Communication System: LTE; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: MSL_1900_131008 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.539$ S/m; $\epsilon_r = 51.956$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(4.29, 4.29, 4.29); Calibrated: 2013/6/18;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch26590/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 1.63 W/kg

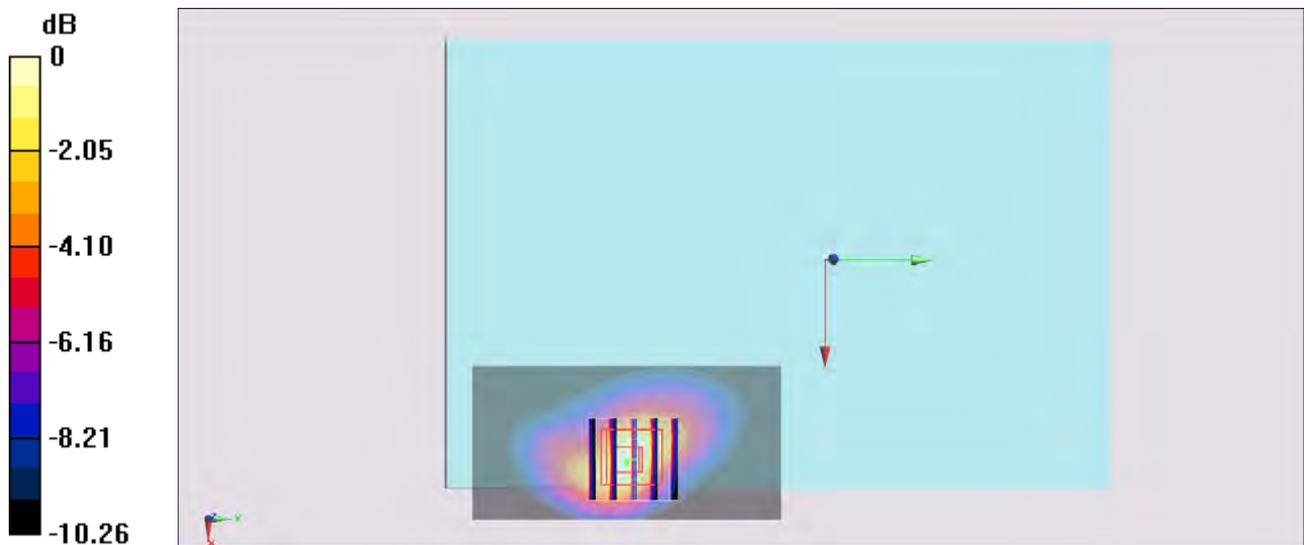
Configuration/Ch26590/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.523 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.24 W/kg

SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.696 W/kg

Maximum value of SAR (measured) = 1.56 W/kg



0 dB = 1.56 W/kg = 1.93 dBW/kg