

#01_GSM850_GPRS (2 Tx slots)_Bottom Face_0mm_Ch251

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4.15
Medium: MSL_850_160112 Medium parameters used: $f = 849$ MHz; $\sigma = 1.014$ mho/m; $\epsilon_r = 56.422$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(10.08, 10.08, 10.08); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: ELI 4.0_Left; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch251/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.721 mW/g

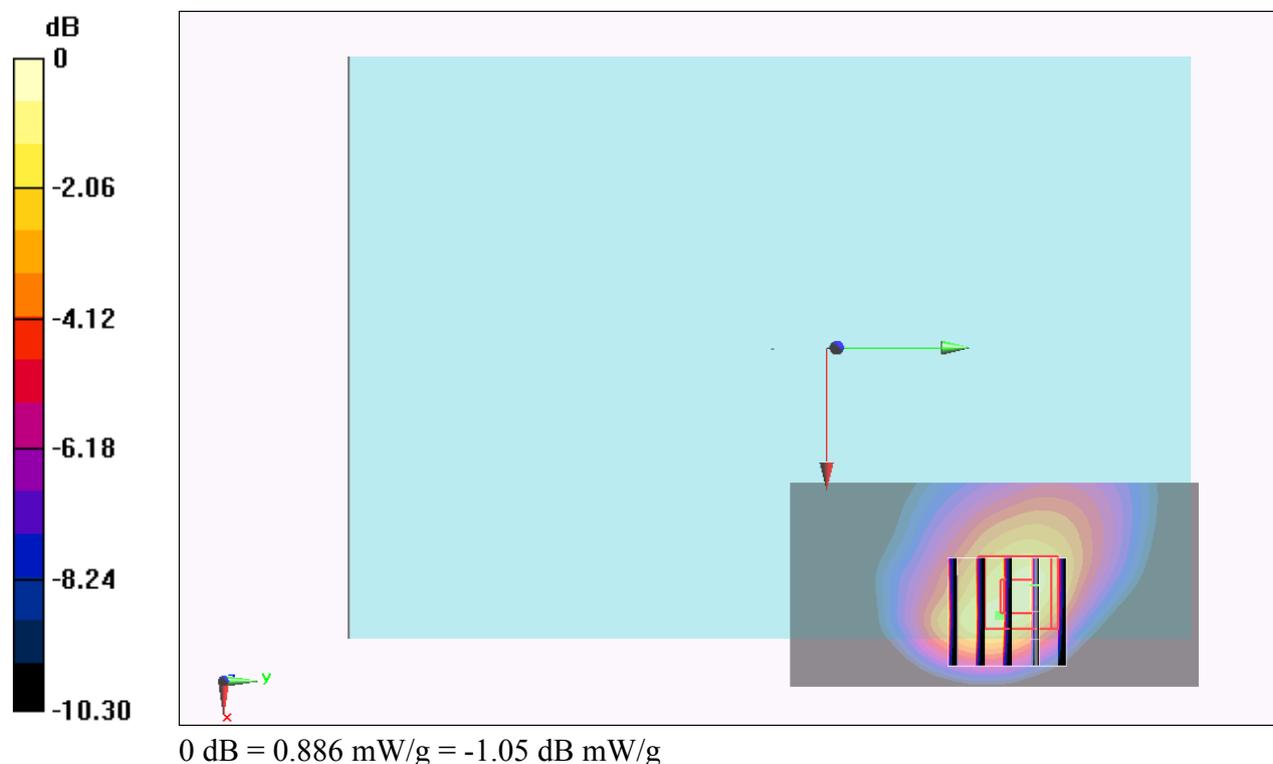
Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.425 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.157 mW/g

SAR(1 g) = 0.653 mW/g; SAR(10 g) = 0.354 mW/g

Maximum value of SAR (measured) = 0.886 mW/g



#02_GSM1900_GPRS (4 Tx slots)_Bottom Face_0mm_Ch661

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2.08

Medium: MSL_1900_151207 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.551$ S/m; $\epsilon_r = 54.793$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.94, 7.94, 7.94); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: ELI v4.0_Front; Type: QDOVA001BB; Serial: TP:1029
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch661/Area Scan (41x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.946 W/kg

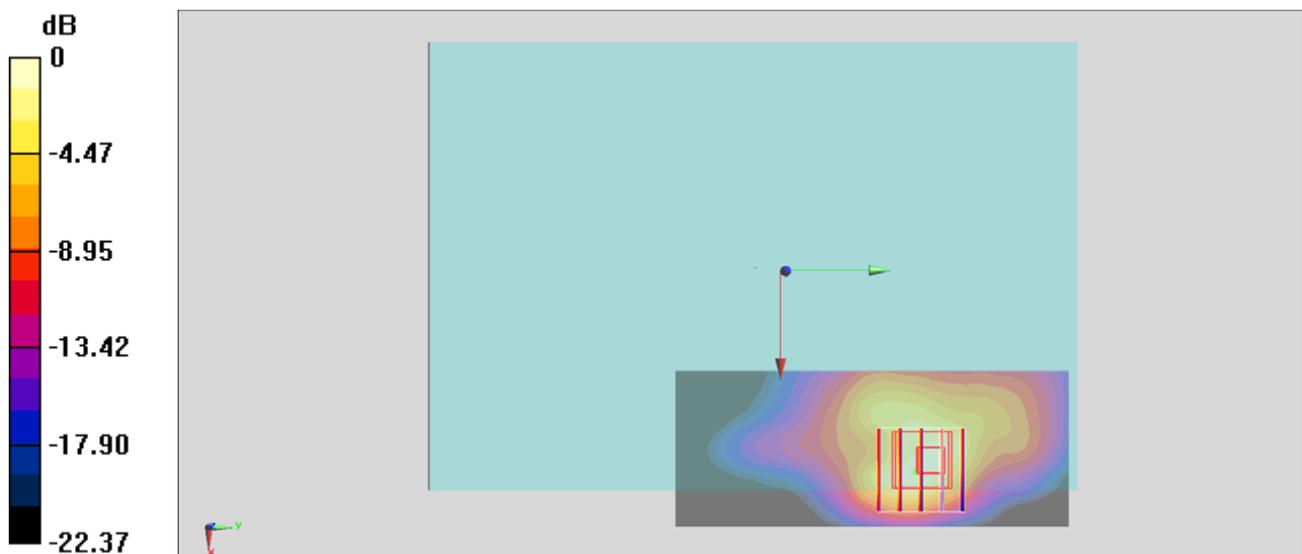
Configuration/Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.97 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.609 W/kg; SAR(10 g) = 0.303 W/kg

Maximum value of SAR (measured) = 0.948 W/kg



0 dB = 0.948 W/kg = -0.23 dBW/kg

#03_WCDMA V_RMC 12.2Kbps_Edge 1_0mm_Ch4233

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: MSL_850_160112 Medium parameters used: $f = 847$ MHz; $\sigma = 1.012$ mho/m; $\epsilon_r = 56.443$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(10.08, 10.08, 10.08); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: ELI 4.0_Left; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4233/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.09 mW/g

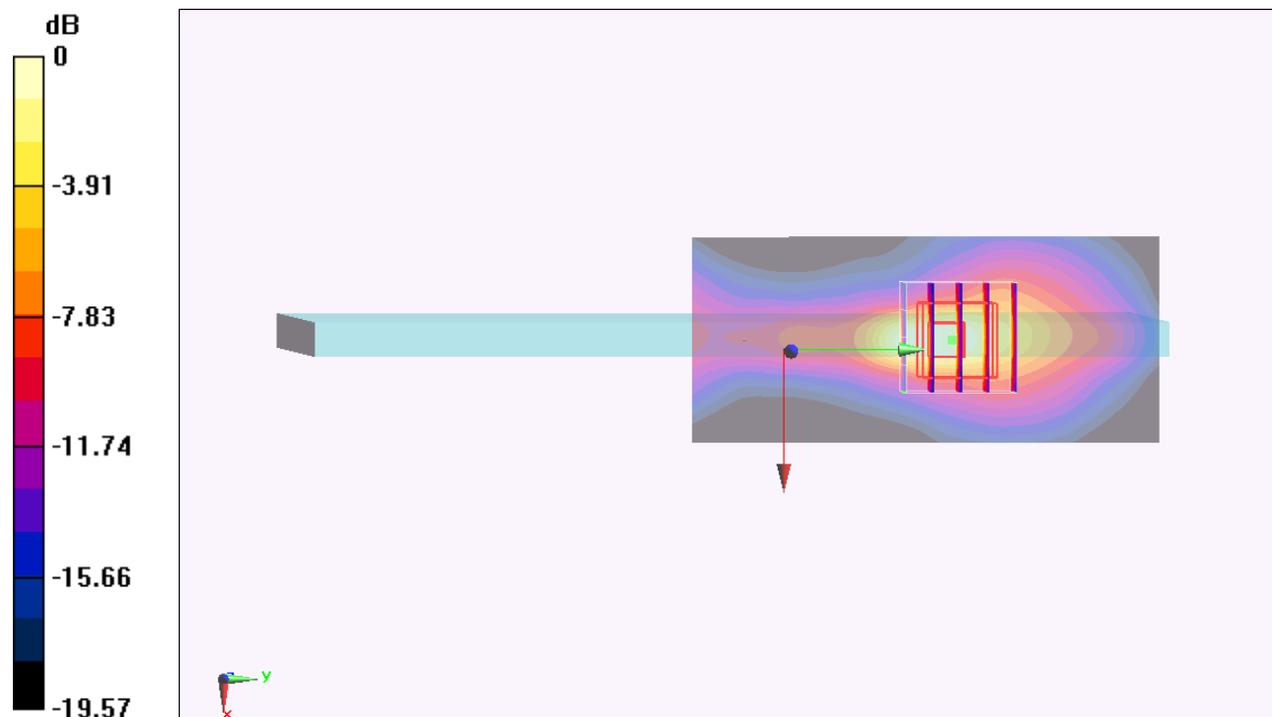
Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.085 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.280 mW/g

SAR(1 g) = 0.633 mW/g; SAR(10 g) = 0.282 mW/g

Maximum value of SAR (measured) = 1.01 mW/g



0 dB = 1.01 mW/g = 0.09 dB mW/g

#04_WCDMA II_RMC 12.2Kbps_Bottom Face_0mm_Ch9538

Communication System: WCDMA ; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_151207 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.583 \text{ S/m}$; $\epsilon_r = 54.664$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.7 \text{ }^\circ\text{C}$; Liquid Temperature : $22.7 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.94, 7.94, 7.94); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: ELI v4.0_Front; Type: QDOVA001BB; Serial: TP:1029
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch9538/Area Scan (41x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 1.61 W/kg

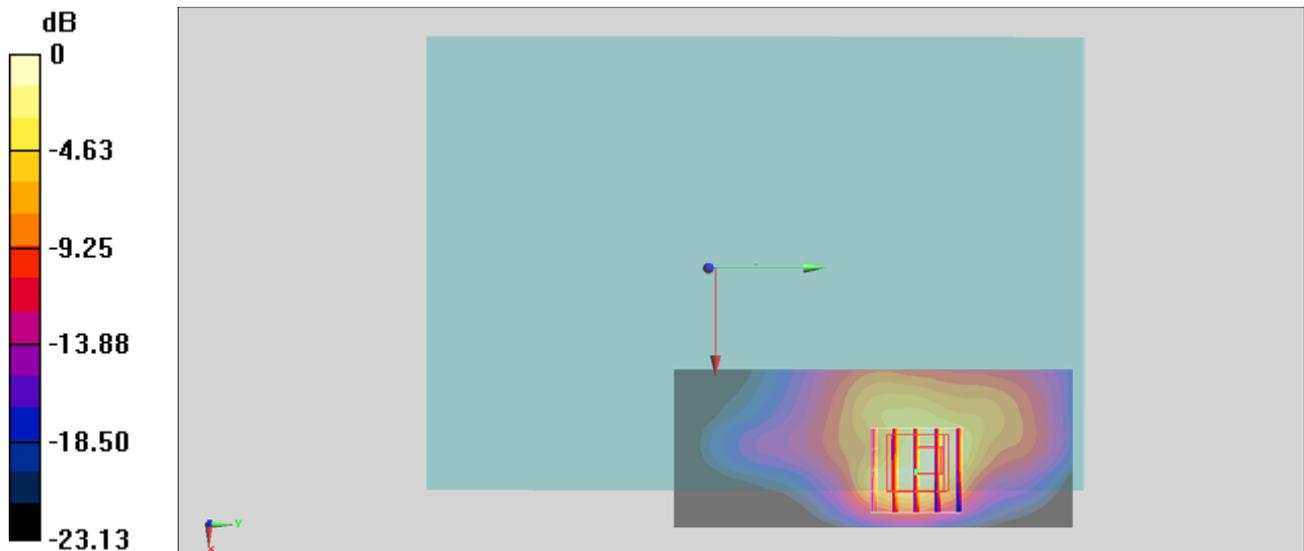
Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.32 V/m ; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.42 W/kg

SAR(1 g) = 1.11 W/kg ; SAR(10 g) = 0.546 W/kg

Maximum value of SAR (measured) = 1.76 W/kg



0 dB = $1.76 \text{ W/kg} = 2.46 \text{ dBW/kg}$

#05_LTE Band 7_20M_QPSK_1_0_Edge 1_0mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz; Duty Cycle: 1:1
Medium: MSL_2600_151209 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.147$ mho/m; $\epsilon_r = 53.151$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.27, 4.27, 4.27); Calibrated: 2015/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch21350/Area Scan (51x101x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.72 mW/g

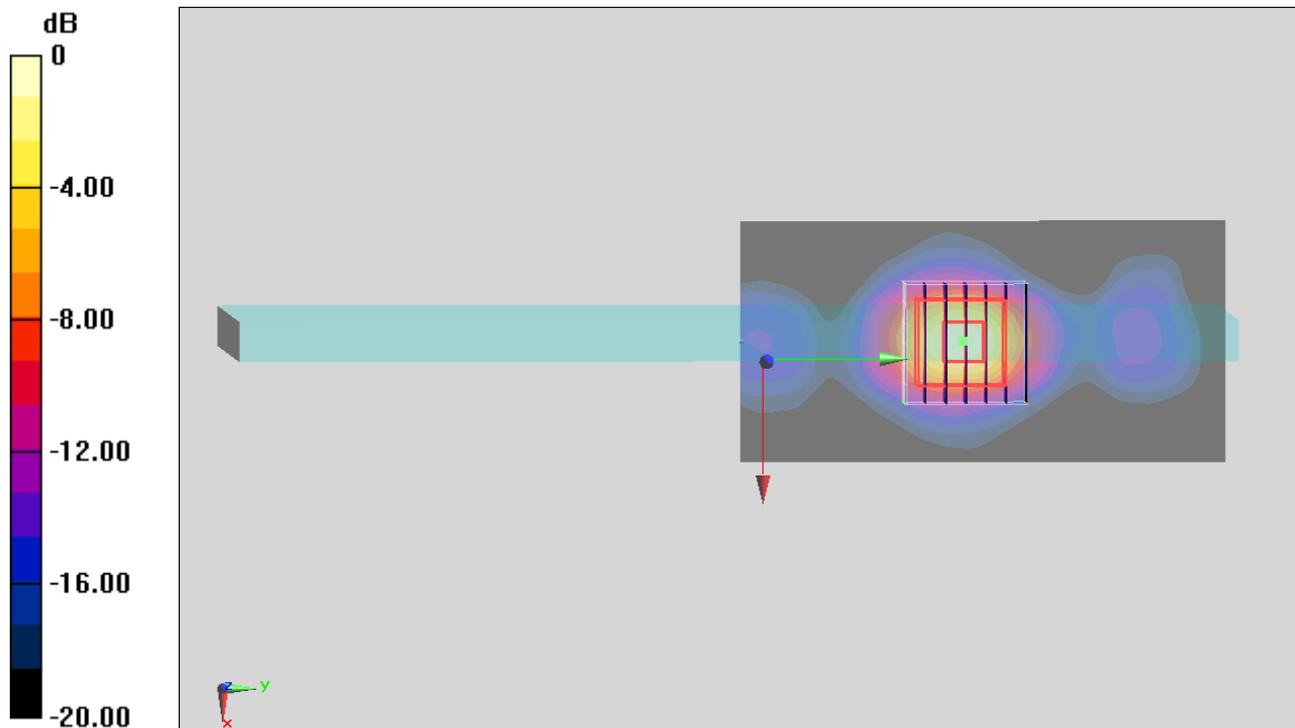
Configuration/Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.873 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.336 mW/g

SAR(1 g) = 0.961 mW/g; SAR(10 g) = 0.358 mW/g

Maximum value of SAR (measured) = 1.62 mW/g



0 dB = 1.62 mW/g = 4.19 dB mW/g

#06_WLAN2.4GHz_802.11b 1Mbps_Bottom Face_0mm_Ch6

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.022

Medium: MSL_2450_160115 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.976$ S/m; $\epsilon_r = 53.472$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(7.54, 7.54, 7.54); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: ELI v4.0_Front; Type: QDOVA001BB; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch6/Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 2.39 W/kg

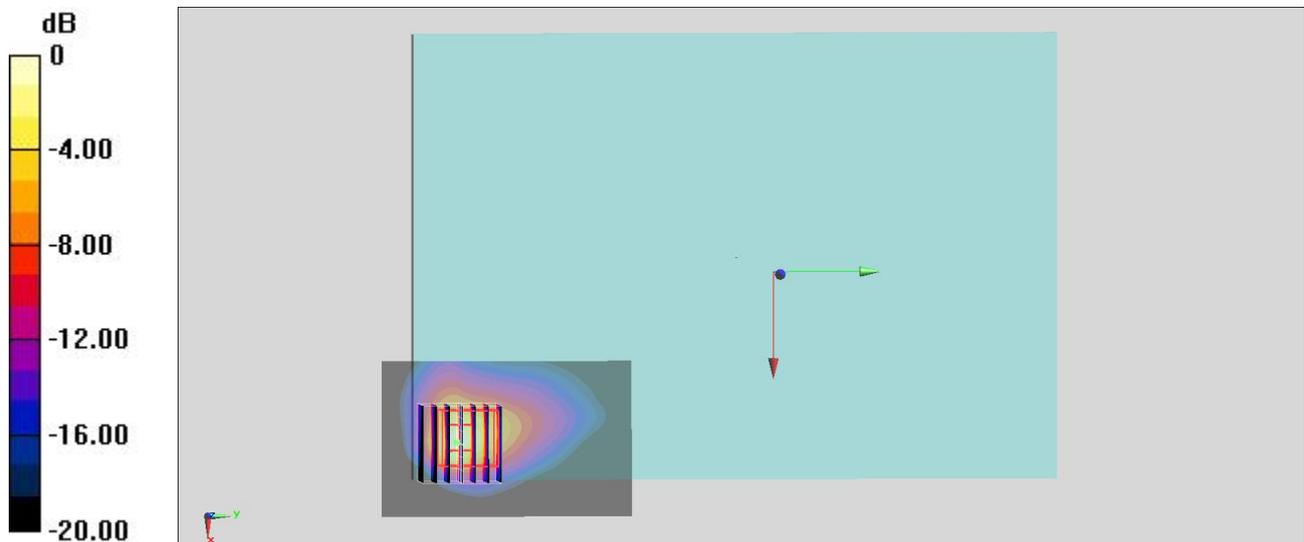
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.36 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 3.20 W/kg

SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.436 W/kg

Maximum value of SAR (measured) = 2.20 W/kg



0 dB = 2.39 W/kg = 3.78 dBW/kg