

#01_WLAN2.4GHz_802.11b 1Mbps_Bottom Face_0cm_Ch6

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

Medium: MSL_2450_141030 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 2.001 \text{ S/m}$; $\epsilon_r = 53.912$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $22.5 \text{ }^\circ\text{C}$

DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(7.34, 7.34, 7.34); Calibrated: 2013/11/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch6/Area Scan (41x81x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$

Maximum value of SAR (interpolated) = 1.50 W/kg

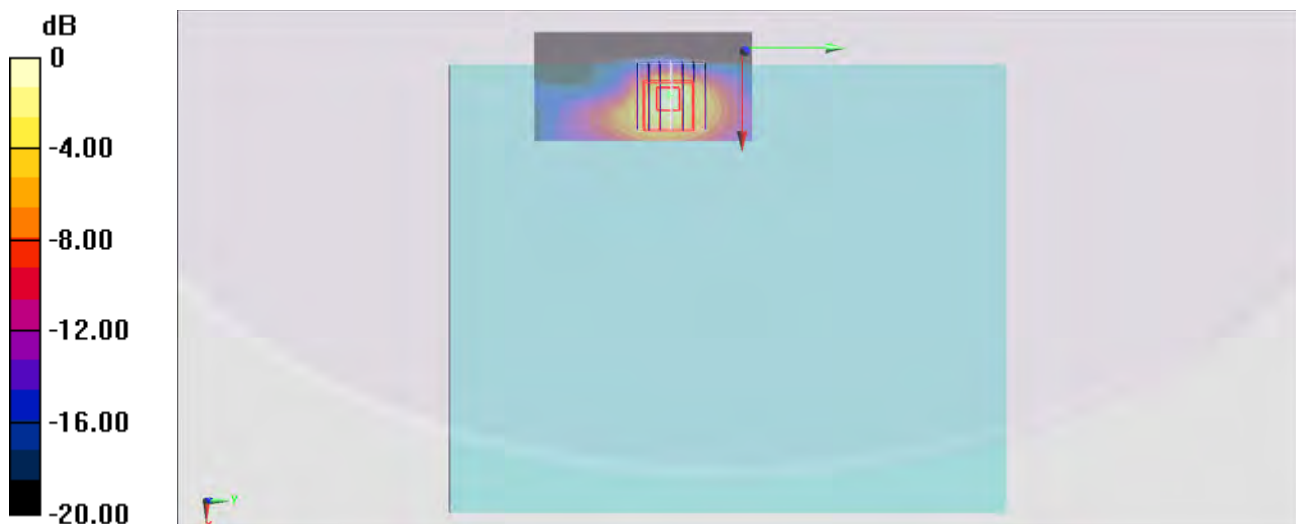
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 27.007 V/m ; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.19 W/kg

SAR(1 g) = 0.845 W/kg ; SAR(10 g) = 0.349 W/kg

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



0 dB = 1.43 W/kg = 1.55 dBW/kg

#02_WLAN5GHz_802.11a 6Mbps_Bottom Face_0cm_Ch44

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL_5G_141017 Medium parameters used: $f = 5220 \text{ MHz}$; $\sigma = 5.212 \text{ S/m}$; $\epsilon_r = 50.438$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.4 \text{ }^\circ\text{C}$; Liquid Temperature : $22.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.53, 4.53, 4.53); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch44/Area Scan (61x111x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 1.86 W/kg

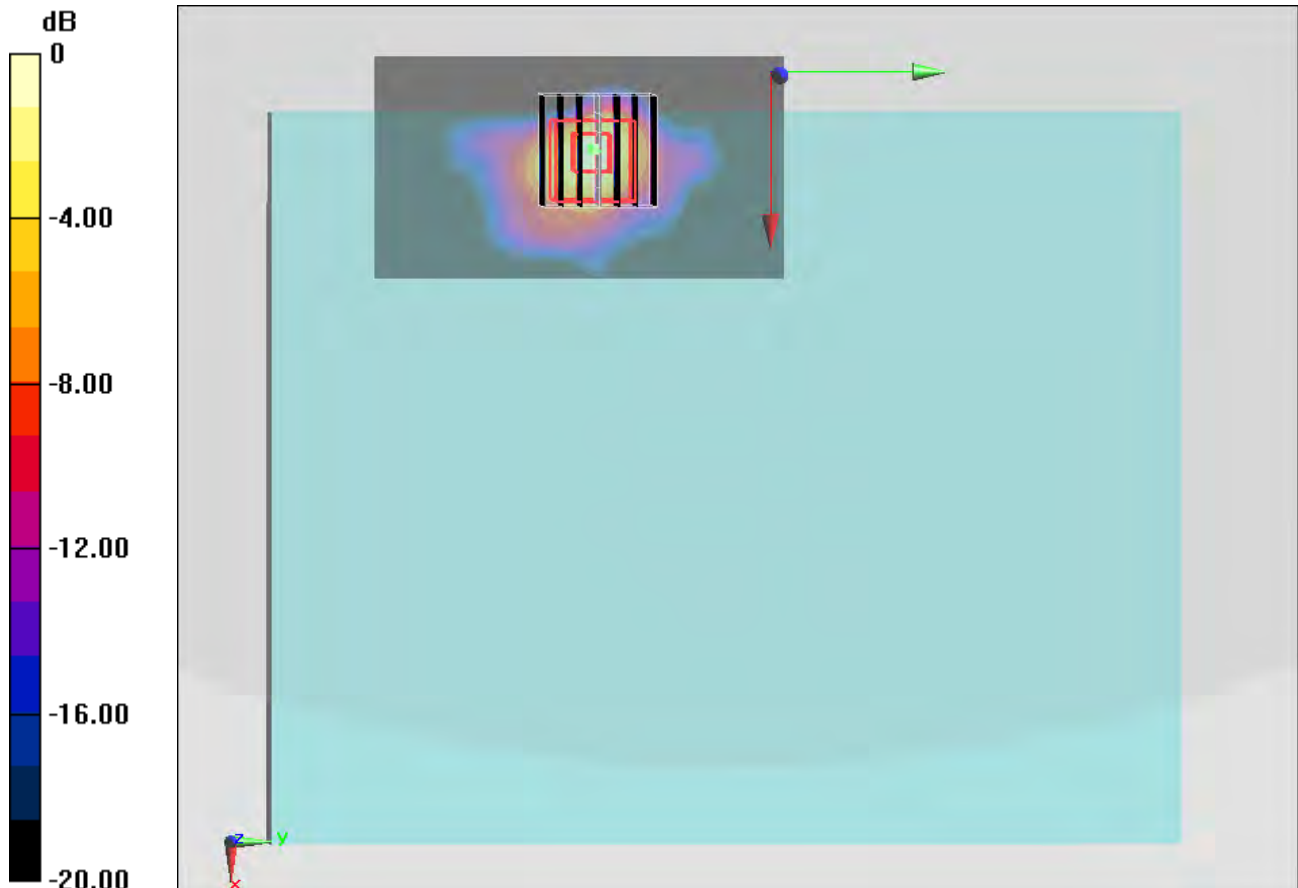
Configuration/Ch44/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 22.799 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.88 W/kg

SAR(1 g) = 0.867 W/kg ; SAR(10 g) = 0.200 W/kg

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



0 dB = $1.77 \text{ W/kg} = 2.48 \text{ dBW/kg}$

#03_WLAN5GHz_802.11a_6Mbps_Bottom Face_0cm_Ch60

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL_5G_141017 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.357$ S/m; $\epsilon_r = 50.31$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.36, 4.36, 4.36); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch60/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 2.21 W/kg

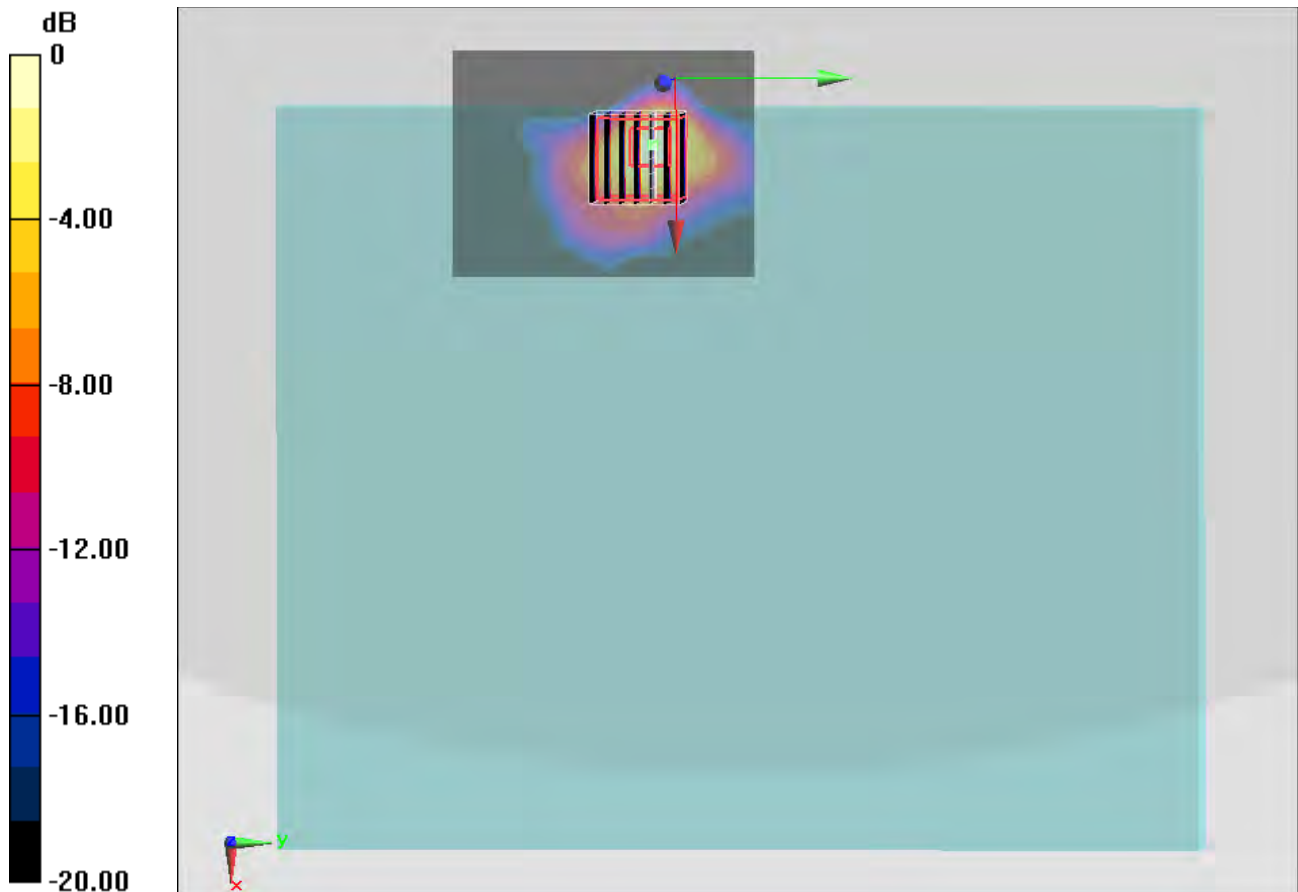
Configuration/Ch60/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 23.119 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 4.11 W/kg

SAR(1 g) = 0.898 W/kg; SAR(10 g) = 0.210 W/kg

Maximum value of SAR (measured) = 2.08 W/kg



0 dB = 2.08 W/kg = 3.18 dBW/kg

#04_WLAN5GHz_802.11n-HT40 MCS0_Bottom Face_0cm_Ch102

Communication System: 802.11n; Frequency: 5510 MHz; Duty Cycle: 1:1

Medium: MSL_5G_141018 Medium parameters used : $f = 5510 \text{ MHz}$; $\sigma = 5.502 \text{ S/m}$; $\epsilon_r = 46.955$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.21, 4.21, 4.21); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch102/Area Scan (61x81x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 2.20 W/kg

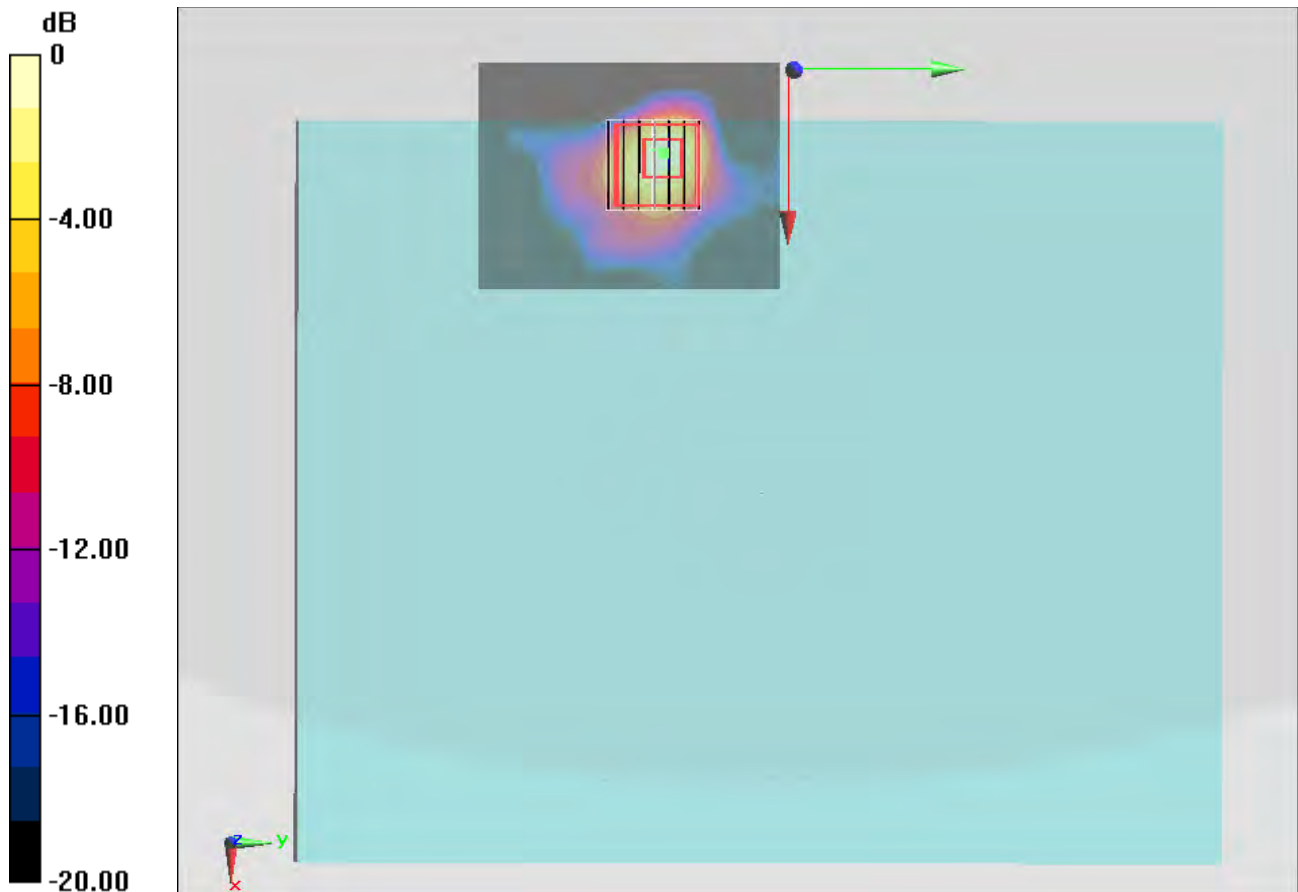
Configuration/Ch102/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 21.825 V/m ; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 3.99 W/kg

SAR(1 g) = 0.850 W/kg ; SAR(10 g) = 0.191 W/kg

Maximum value of SAR (measured) = 1.97 W/kg



0 dB = $1.97 \text{ W/kg} = 2.94 \text{ dBW/kg}$

#05_WLAN5GHz_802.11a 6Mbps_Edge 1_0cm_Ch161

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: MSL_5G_141017 Medium parameters used : $f = 5805 \text{ MHz}$; $\sigma = 6.031 \text{ S/m}$; $\epsilon_r = 49.361$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.4 \text{ }^\circ\text{C}$; Liquid Temperature : $22.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.09, 4.09, 4.09); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch161/Area Scan (61x141x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.732 W/kg

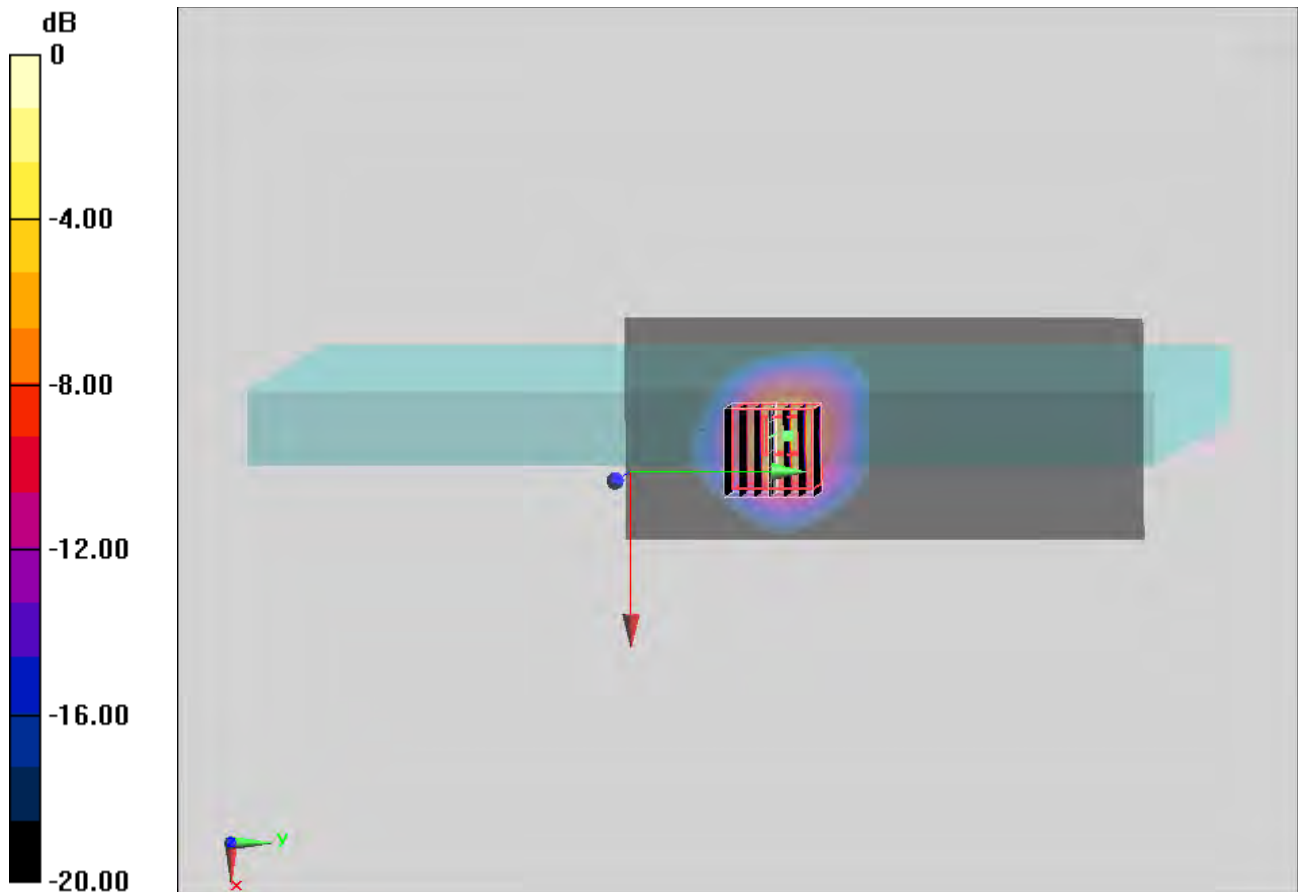
Configuration/Ch161/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 22.909 V/m ; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 10.1 W/kg

SAR(1 g) = 0.882 W/kg ; SAR(10 g) = 0.167 W/kg

Maximum value of SAR (measured) = 2.33 W/kg



0 dB = $2.33 \text{ W/kg} = 3.67 \text{ dBW/kg}$