

#01_WLAN2.4GHz_802.11b 1Mbps_Bottom Side_0cm_Ch11;Ant Aux

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1.024

Medium: MSL_2450_141118 Medium parameters used: $f = 2442$ MHz; $\sigma = 2.027$ S/m; $\epsilon_r = 53.798$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.29, 4.29, 4.29); Calibrated: 2014/9/26;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2014/8/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch11/Area Scan (51x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 1.01 W/kg

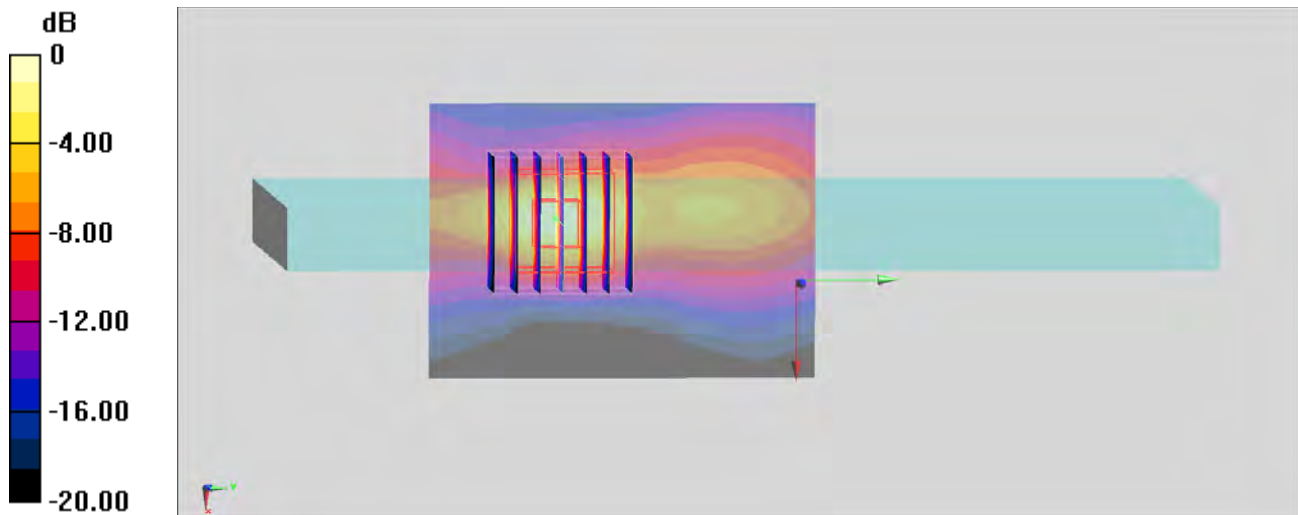
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.62 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 0.931 W/kg; SAR(10 g) = 0.268 W/kg

Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.07 W/kg = 0.29 dBW/kg

#02_WLAN5GHz_802.11a 6Mbps_Bottom Side_0cm_Ch36;Ant Main

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1.145

Medium: MSL_5G_141211 Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 5.3 \text{ S/m}$; $\epsilon_r = 47.493$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(3.95, 3.95, 3.95); Calibrated: 2014/6/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch36/Area Scan (61x81x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 2.609 W/kg

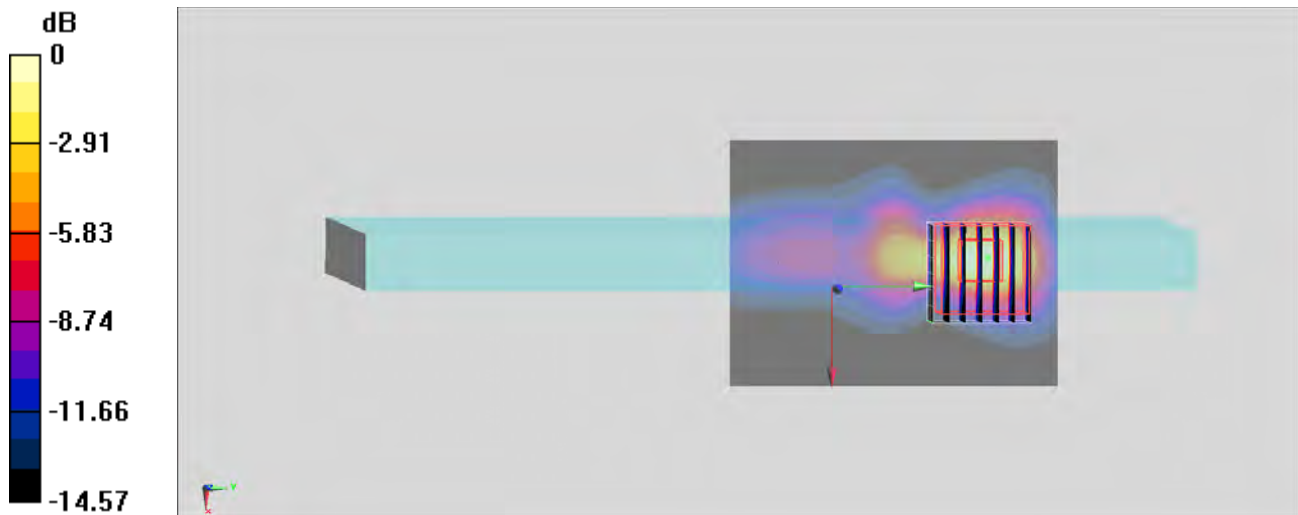
Configuration/Ch36/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 21.874 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 4.356 W/kg

SAR(1 g) = 1.06 W/kg ; SAR(10 g) = 0.350 W/kg

Maximum value of SAR (measured) = 2.412 W/kg



$0 \text{ dB} = 2.412 \text{ W/kg} = 3.82 \text{ dBW/kg}$

#03_WLAN5GHz_802.11a 6Mbps_Bottom Side_0cm_Ch60;Ant Main

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.145

Medium: MSL_5G_141211 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.478$ S/m; $\epsilon_r = 47.222$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(4.44, 4.44, 4.44); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch60/Area Scan (51x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 2.76 W/kg

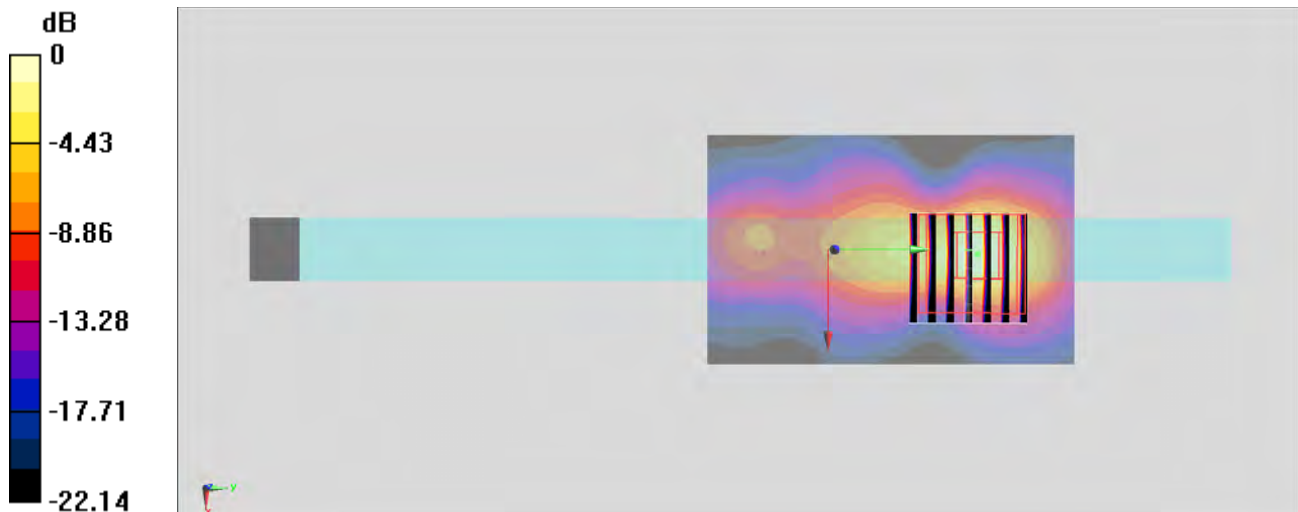
Configuration/Ch60/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 25.59 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 5.18 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.299 W/kg

Maximum value of SAR (measured) = 2.81 W/kg



0 dB = 2.81 W/kg = 4.49 dBW/kg

#04_WLAN5GHz_802.11a 6Mbps_Bottom Side_0cm_Ch112;Ant Main

Communication System: 802.11a; Frequency: 5560 MHz; Duty Cycle: 1:1.145

Medium: MSL_5G_141211 Medium parameters used: $f = 5560$ MHz; $\sigma = 5.831$ S/m; $\epsilon_r = 46.839$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(4.11, 4.11, 4.11); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch112/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 1.03 W/kg

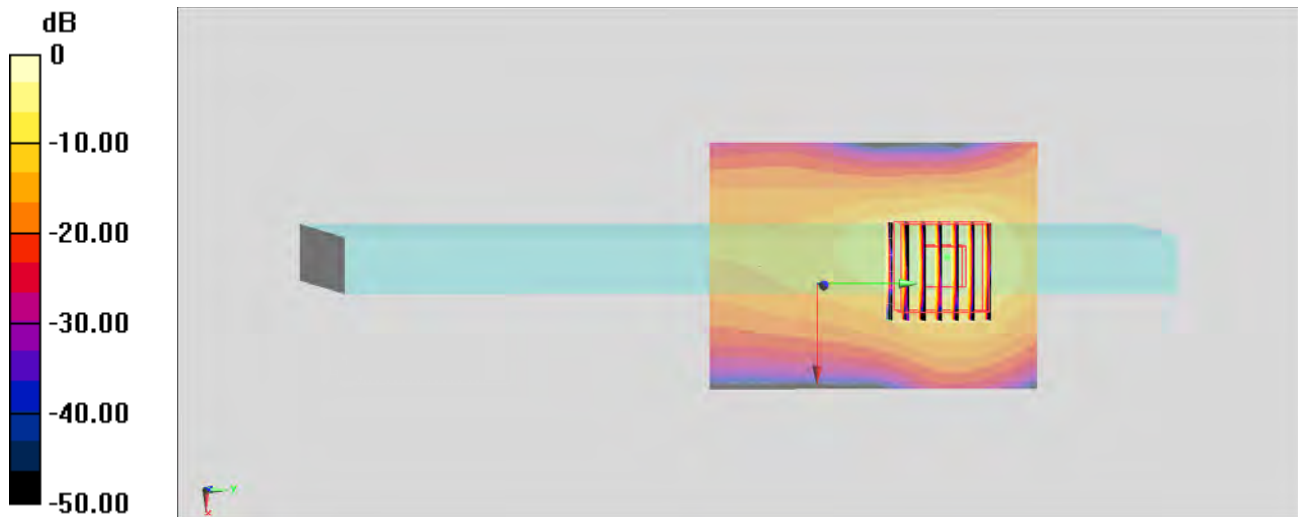
Configuration/Ch112/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.71 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 5.19 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.294 W/kg

Maximum value of SAR (measured) = 2.70 W/kg



0 dB = 2.70 W/kg = 4.31 dBW/kg

#05_WLAN5GHz_802.11a 6Mbps_Bottom Side_0cm_Ch149;Ant Main

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1.145

Medium: MSL_5G_141212 Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 6.154 \text{ S/m}$; $\epsilon_r = 47.469$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(4.26, 4.26, 4.26); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch149/Area Scan (61x81x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.566 W/kg

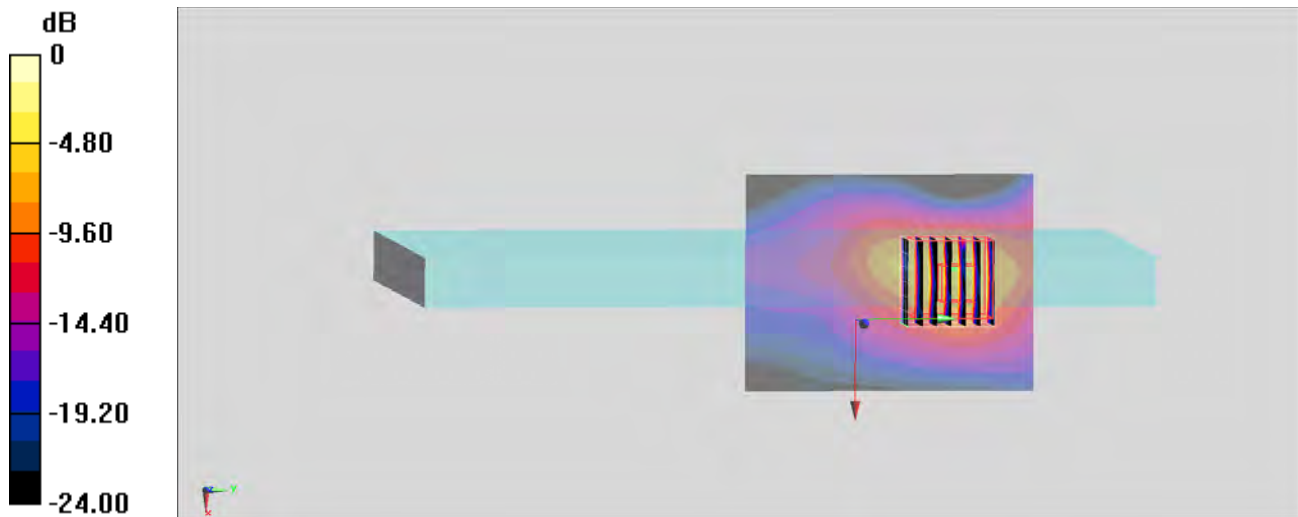
Configuration/Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 9.127 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 4.12 W/kg

SAR(1 g) = 0.775 W/kg ; SAR(10 g) = 0.226 W/kg

Maximum value of SAR (measured) = 2.14 W/kg



0 dB = $2.14 \text{ W/kg} = 3.30 \text{ dBW/kg}$

#06_Bluetooth_1Mbps_Bottom Side_0cm_Ch78;Ant Aux

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.2

Medium: MSL_2450_141213 Medium parameters used: $f = 2480$ MHz; $\sigma = 2.074$ S/m; $\epsilon_r = 54.919$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(7.32, 7.32, 7.32); Calibrated: 2014/11/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch78/Area Scan (51x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 0.291 W/kg

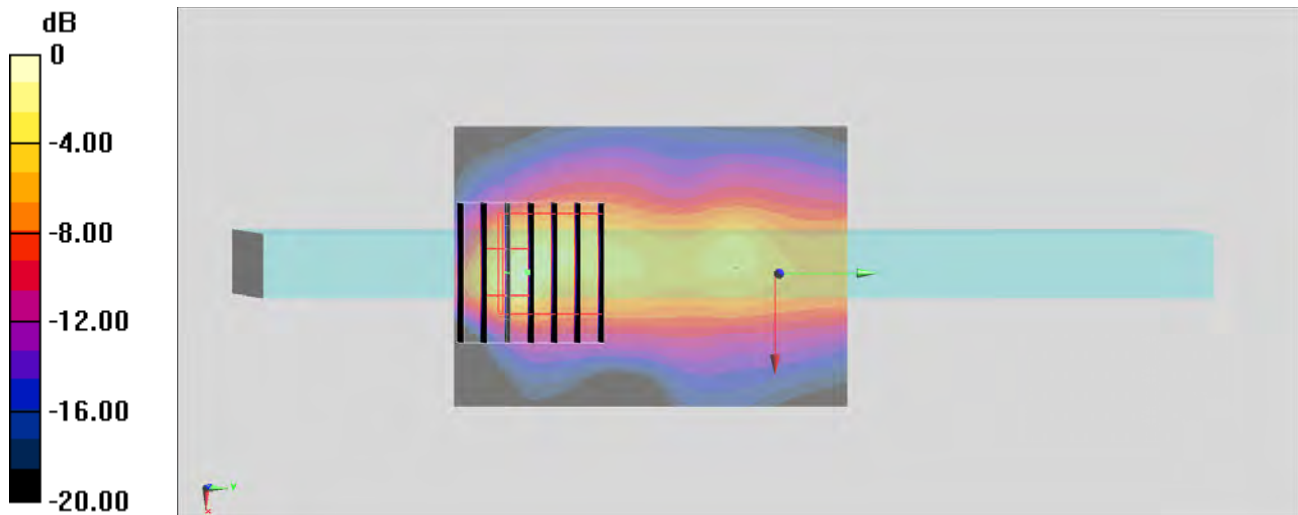
Configuration/Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.540 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.049 W/kg

Maximum value of SAR (measured) = 0.382 W/kg



0 dB = 0.382 W/kg = -4.18 dBW/kg

#07_WLAN2.4GHz_802.11b 1Mbps_Back of Bottom_0cm_Ch1;Ant Aux

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1.024

Medium: MSL_2450_141118 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.954$ S/m; $\epsilon_r = 53.903$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.29, 4.29, 4.29); Calibrated: 2014/9/26;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2014/8/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch1/Area Scan (41x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.470 W/kg

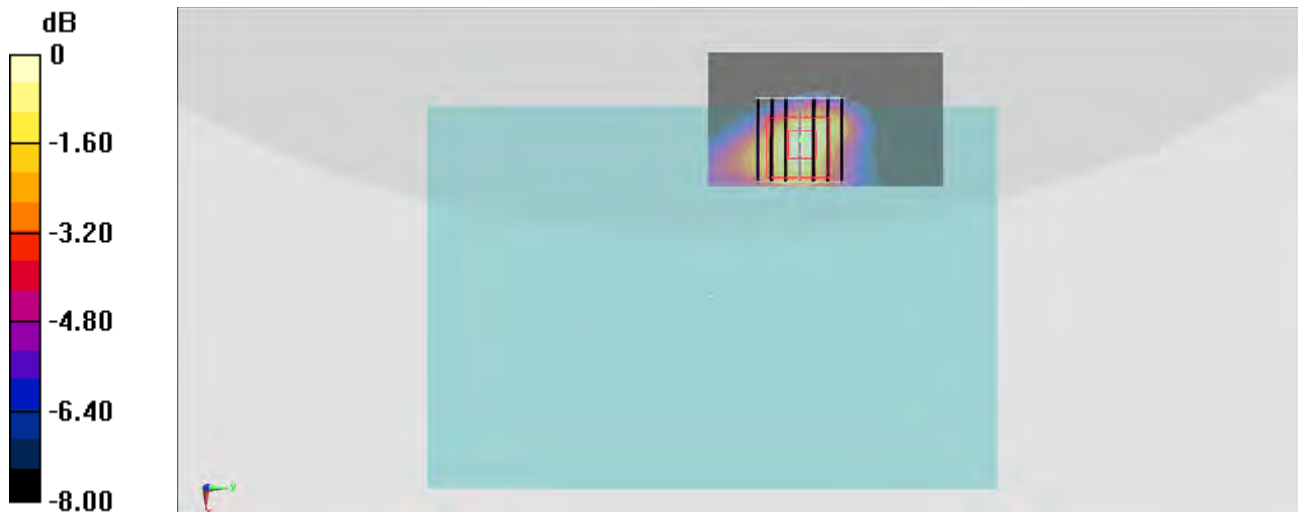
Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.93 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.784 W/kg

SAR(1 g) = 0.363 W/kg; SAR(10 g) = 0.182 W/kg

Maximum value of SAR (measured) = 0.467 W/kg



0 dB = 0.467 W/kg = -3.31 dBW/kg

#08_WLAN5GHz_802.11a 6Mbps_Back of Bottom_0cm_Ch36;Ant Aux

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1.145

Medium: MSL_5G_141211 Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 5.3 \text{ S/m}$; $\epsilon_r = 47.493$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(3.95, 3.95, 3.95); Calibrated: 2014/6/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch36/Area Scan (61x81x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.697 W/kg

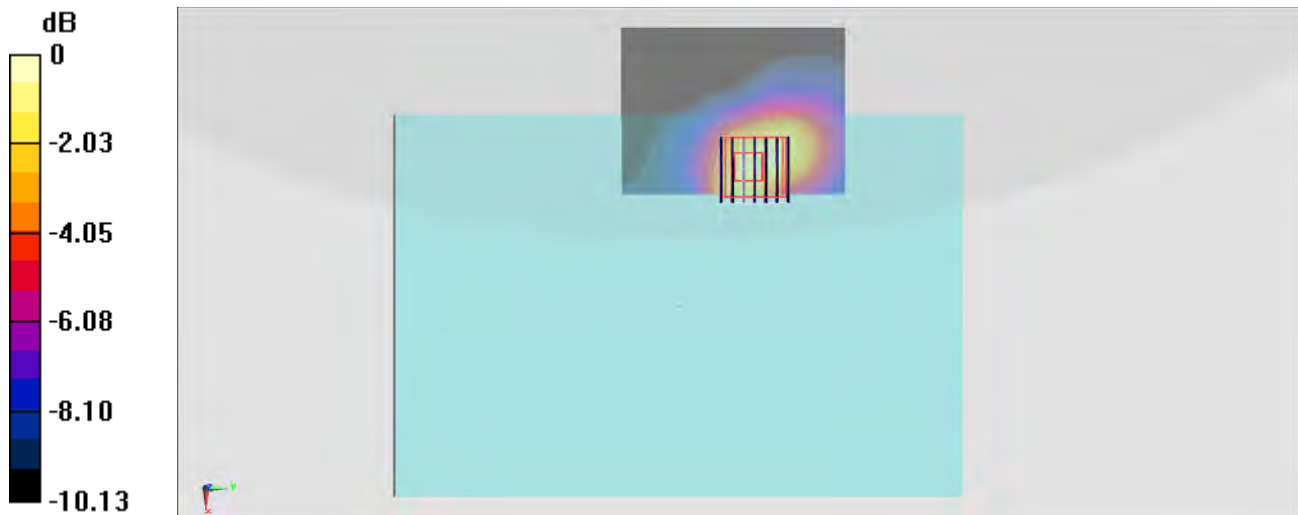
Configuration/Ch36/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 12.98 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.395 W/kg ; SAR(10 g) = 0.199 W/kg

Maximum value of SAR (measured) = 0.764 W/kg



0 dB = $0.764 \text{ W/kg} = -1.17 \text{ dBW/kg}$

#09_WLAN5GHz_802.11a 6Mbps_Back of Bottom_0cm_Ch56;Ant Aux

Communication System: 802.11a; Frequency: 5280 MHz; Duty Cycle: 1:1.145

Medium: MSL_5G_141211 Medium parameters used: $f = 5280$ MHz; $\sigma = 5.437$ S/m; $\epsilon_r = 47.267$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(4.44, 4.44, 4.44); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch56/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.704 W/kg

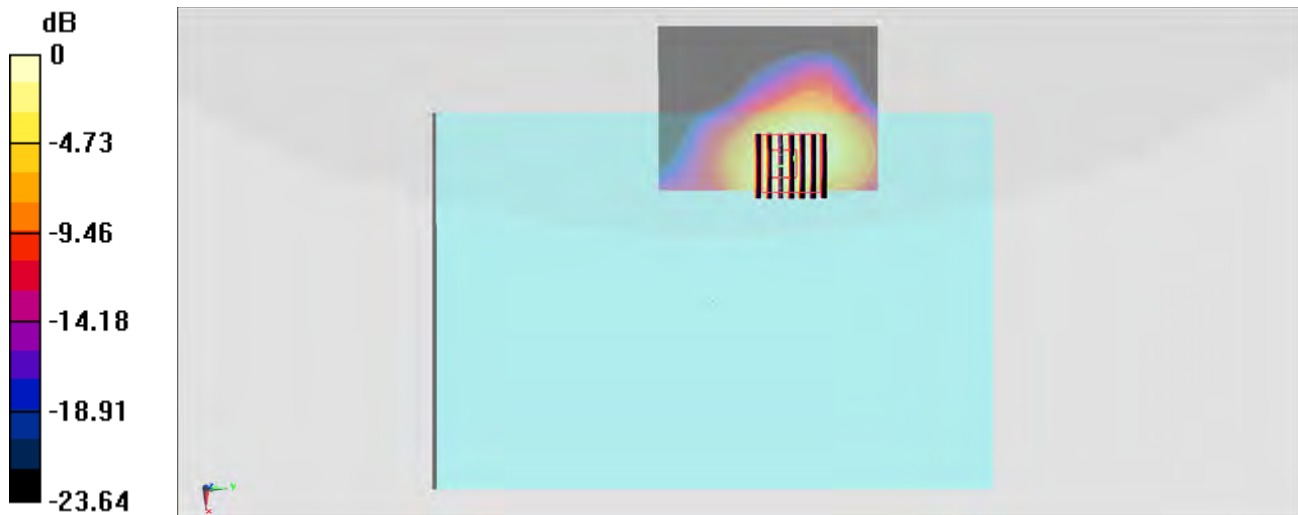
Configuration/Ch56/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.81 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.105 W/kg

Maximum value of SAR (measured) = 0.676 W/kg



0 dB = 0.676 W/kg = -1.70 dBW/kg

#10_WLAN5GHz_802.11a 6Mbps_Back of Bottom_0cm_Ch100;Ant Aux

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1.145

Medium: MSL_5G_141212 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.811$ S/m; $\epsilon_r = 47.865$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(4.13, 4.13, 4.13); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch100/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

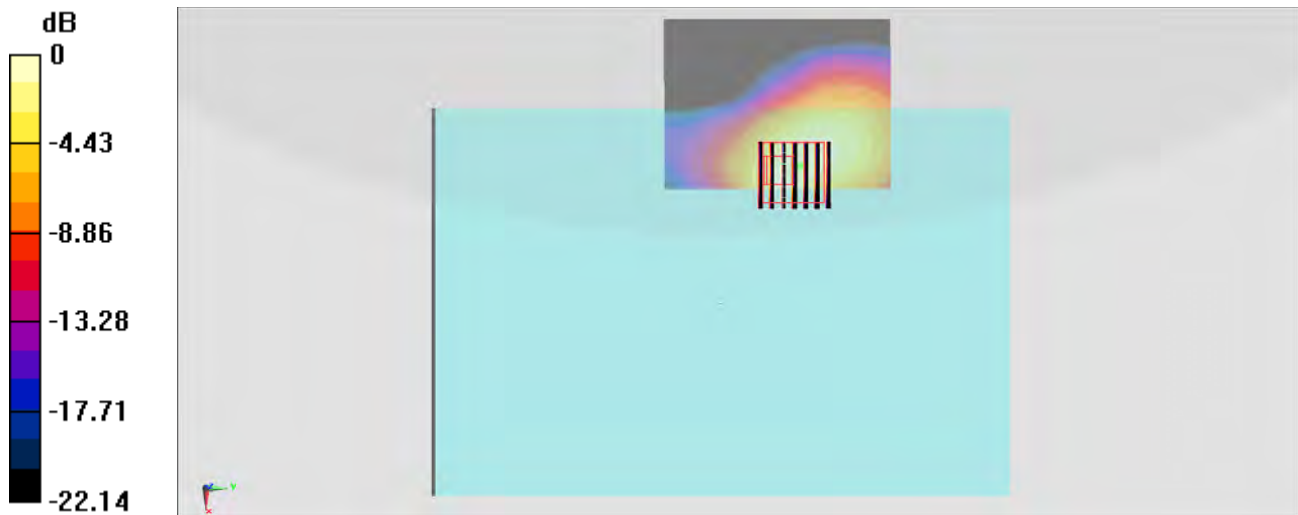
Configuration/Ch100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.42 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.312 W/kg; SAR(10 g) = 0.105 W/kg

Maximum value of SAR (measured) = 0.732 W/kg



0 dB = 0.732 W/kg = -1.35 dBW/kg

#11_WLAN5GHz_802.11a 6Mbps_Back of Bottom_0cm_Ch157;Ant Aux

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.145

Medium: MSL_5G_141212 Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.21 \text{ S/m}$; $\epsilon_r = 47.367$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(4.26, 4.26, 4.26); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch157/Area Scan (61x81x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.375 W/kg

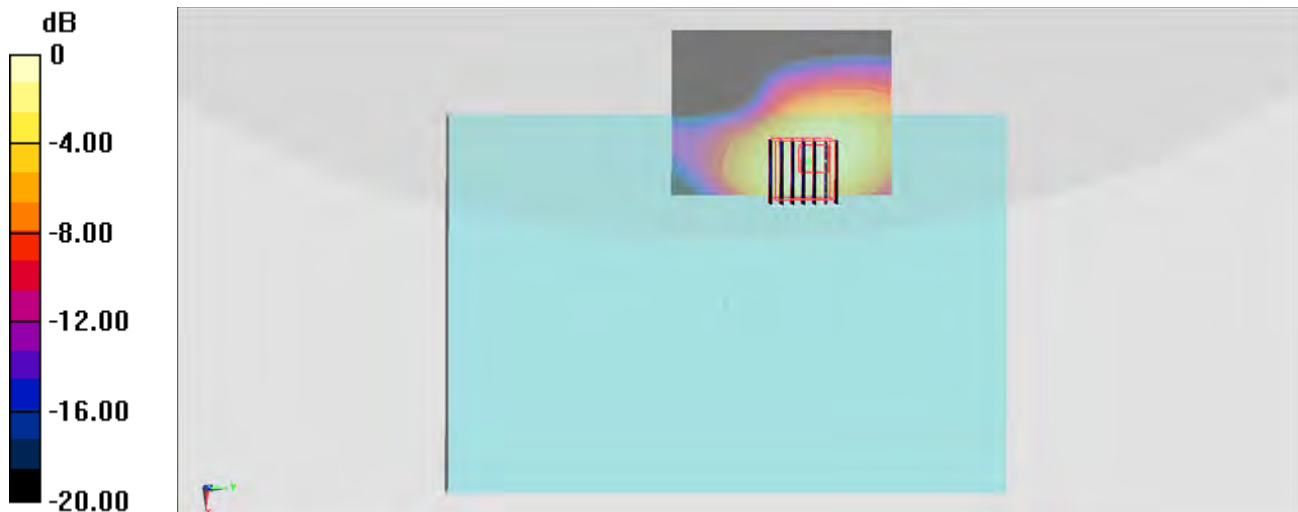
Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 8.742 V/m ; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.705 W/kg

SAR(1 g) = 0.159 W/kg ; SAR(10 g) = 0.059 W/kg

Maximum value of SAR (measured) = 0.388 W/kg



0 dB = 0.388 W/kg = -4.11 dBW/kg

#12_Bluetooth_1Mbps_Back of Bottom_0cm_Ch78;Ant Aux

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.2

Medium: MSL_2450_141213 Medium parameters used: $f = 2480$ MHz; $\sigma = 2.074$ S/m; $\epsilon_r = 54.919$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(7.32, 7.32, 7.32); Calibrated: 2014/11/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch78/Area Scan (51x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 0.0728 W/kg

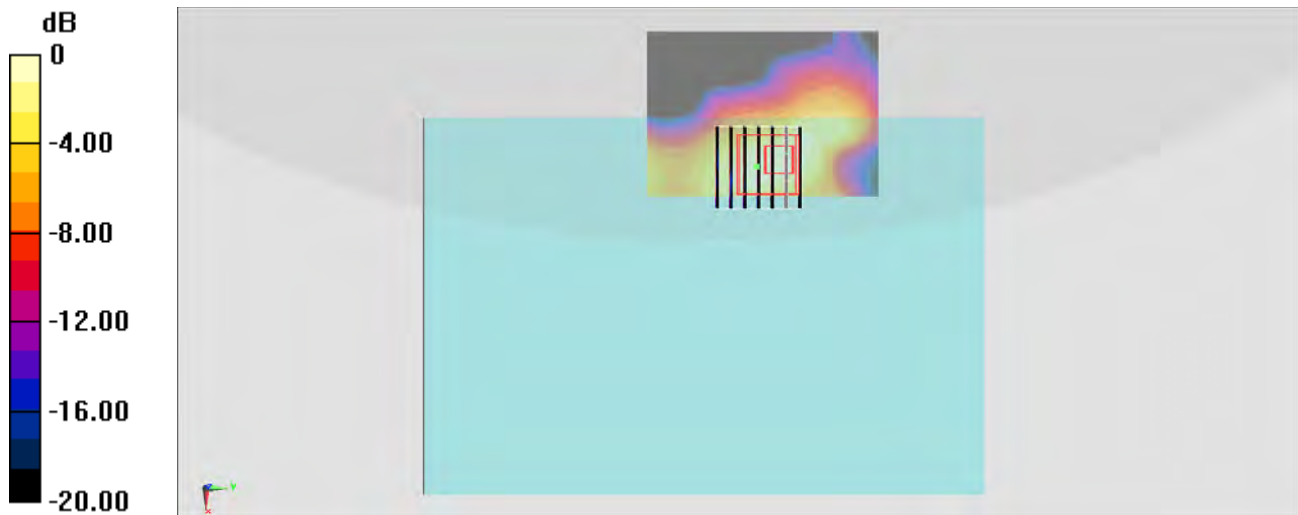
Configuration/Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.737 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.137 W/kg

SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.013 W/kg

Maximum value of SAR (measured) = 0.0703 W/kg



0 dB = 0.0703 W/kg = -11.53 dBW/kg