

#01_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch1;Ant 1

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

Medium: HSL_2450_170808 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.753$ S/m; $\epsilon_r = 41.028$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.6, 7.6, 7.6); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.113 W/kg

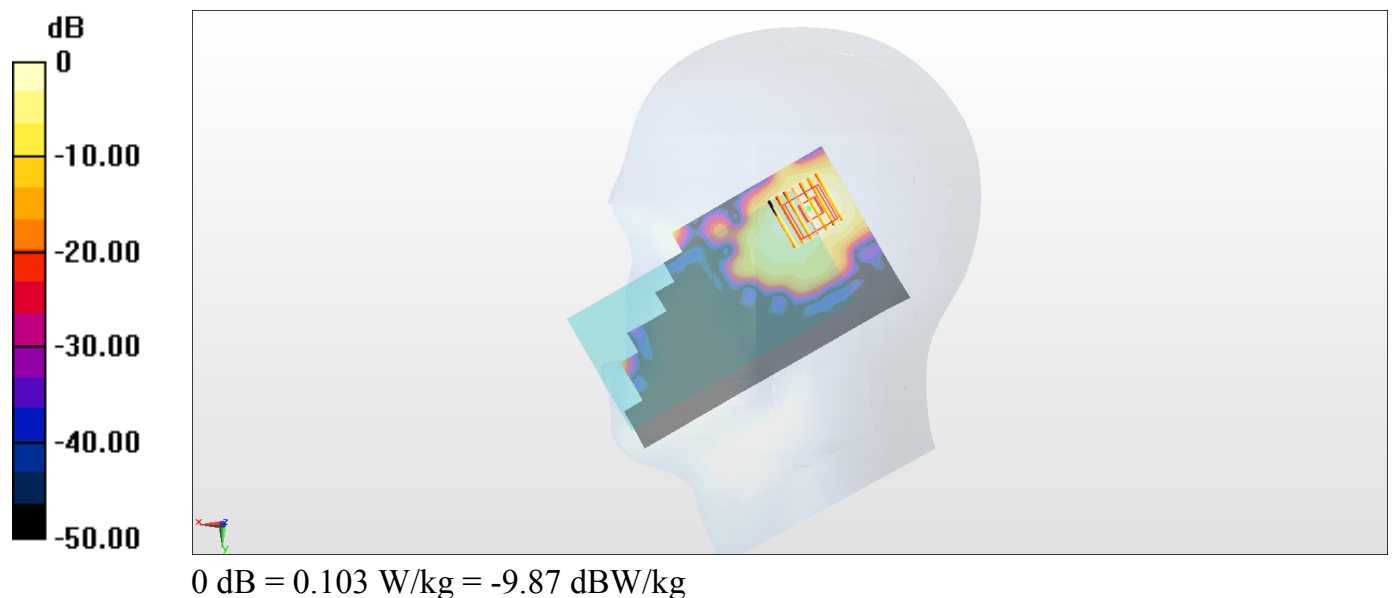
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.328 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.132 W/kg

SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.030 W/kg

Maximum value of SAR (measured) = 0.103 W/kg



#02_WLAN5GHz_802.11n-HT40 MCS0_Left Cheek_Ch62;Ant 1

Communication System: 802.11n; Frequency: 5310 MHz; Duty Cycle: 1:1.114

Medium: HSL_5G_170808 Medium parameters used: $f = 5310$ MHz; $\sigma = 4.704$ S/m; $\epsilon_r = 36.596$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(5.38, 5.38, 5.38); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (91x71x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.142 W/kg

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

Reference Value = 2.582 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.226 W/kg

SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.144 W/kg



0 dB = 0.144 W/kg = -8.42 dBW/kg

#03_WLAN5GHz_802.11n-HT40 MCS0_Left Cheek_Ch110;Ant 1

Communication System: 802.11n ; Frequency: 5550 MHz;Duty Cycle: 1:1.114

Medium: HSL_5G_170808 Medium parameters used: $f = 5550$ MHz; $\sigma = 4.951$ S/m; $\epsilon_r = 36.215$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(4.68, 4.68, 4.68); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (91x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.322 W/kg

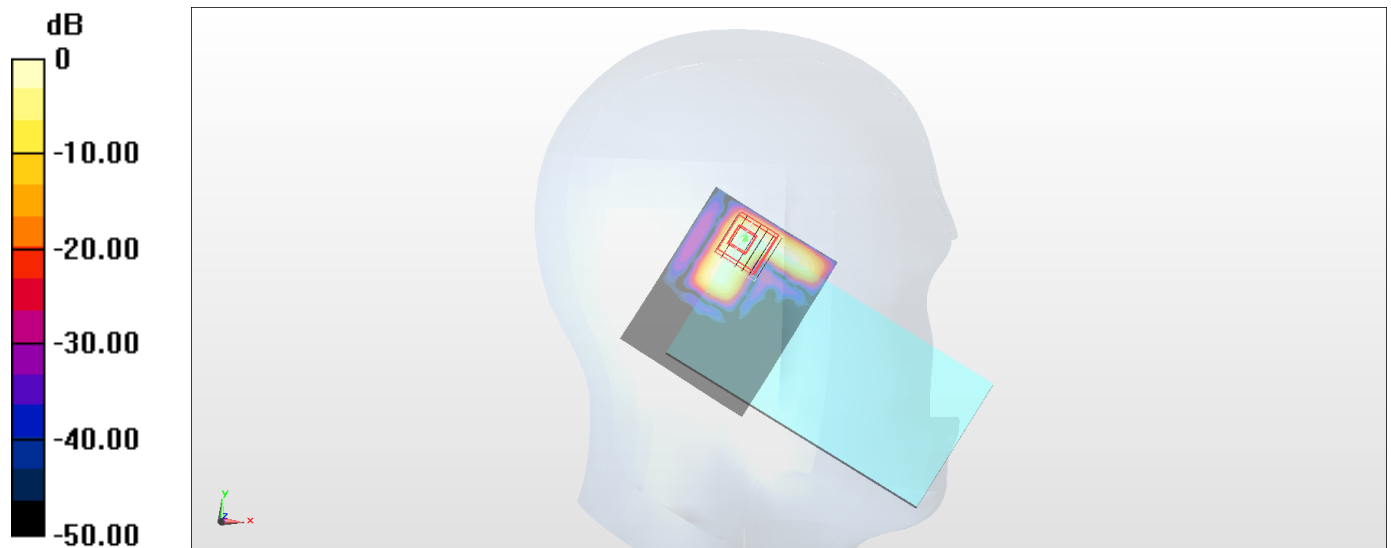
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.535 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.277 W/kg

SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.013 W/kg

Maximum value of SAR (measured) = 0.147 W/kg



0 dB = 0.147 W/kg = -8.33 dBW/kg

#04_WLAN5GHz_802.11n-HT40 MCS0_Left Cheek_Ch151;Ant 1

Communication System: 802.11n; Frequency: 5755 MHz; Duty Cycle: 1:1.114

Medium: HSL_5G_170808 Medium parameters used: $f = 5755$ MHz; $\sigma = 5.16$ S/m; $\epsilon_r = 35.957$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(4.84, 4.84, 4.84); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (91x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.204 W/kg

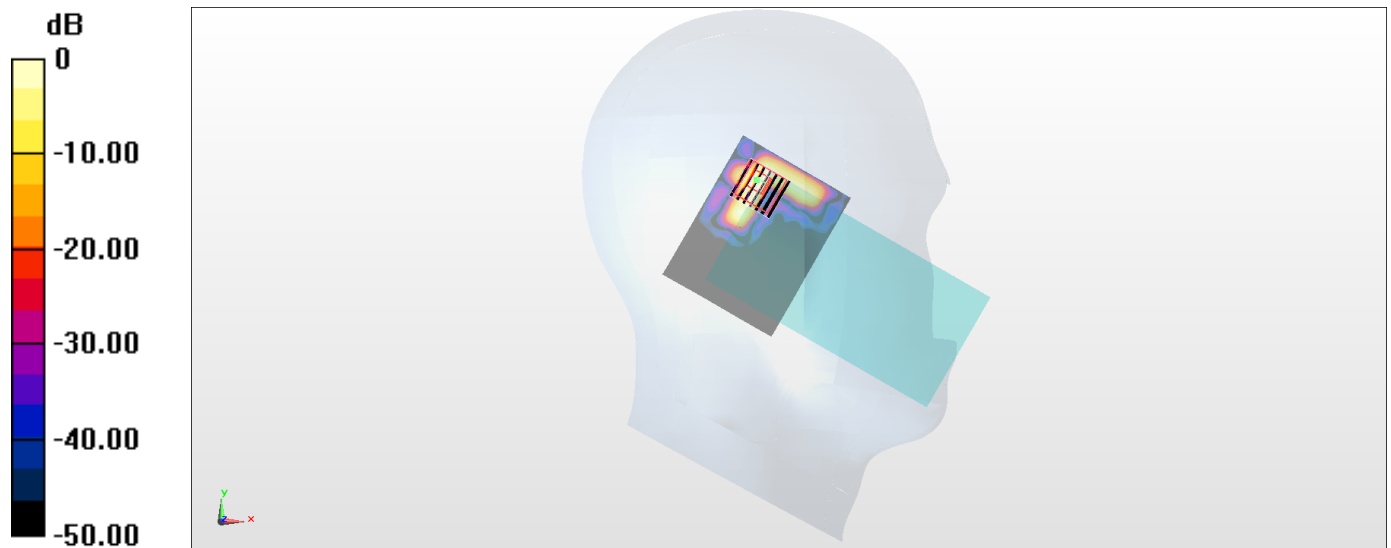
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.368 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.293 W/kg

SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.173 W/kg



0 dB = 0.173 W/kg = -7.62 dBW/kg

#05_WLAN2.4GHz_802.11b 1Mbps_Top Side_0mm_Ch1;Ant 1

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

Medium: MSL_2450_170808 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.925$ S/m; $\epsilon_r = 55.059$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.73, 7.73, 7.73); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (51x71x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.0172 W/kg

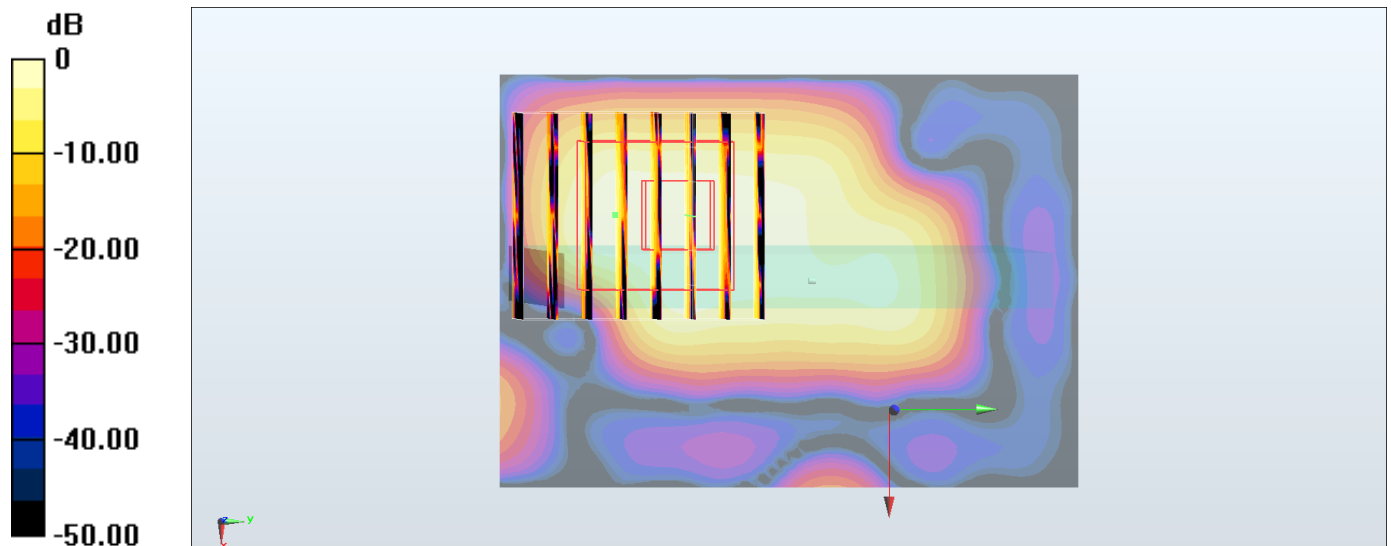
Zoom Scan (7x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.782 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0280 W/kg

SAR(1 g) = 0.00027 W/kg; SAR(10 g) = 5.28e-005 W/kg

Maximum value of SAR (measured) = 0.0155 W/kg



0 dB = 0.0155 W/kg = -18.10 dBW/kg

#06_WLAN2.4GHz_802.11b 1Mbps_Left Side_10mm_Ch1;Ant 1

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

Medium: MSL_2450_170808 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.925$ S/m; $\epsilon_r = 55.059$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.73, 7.73, 7.73); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (51x71x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.0113 W/kg

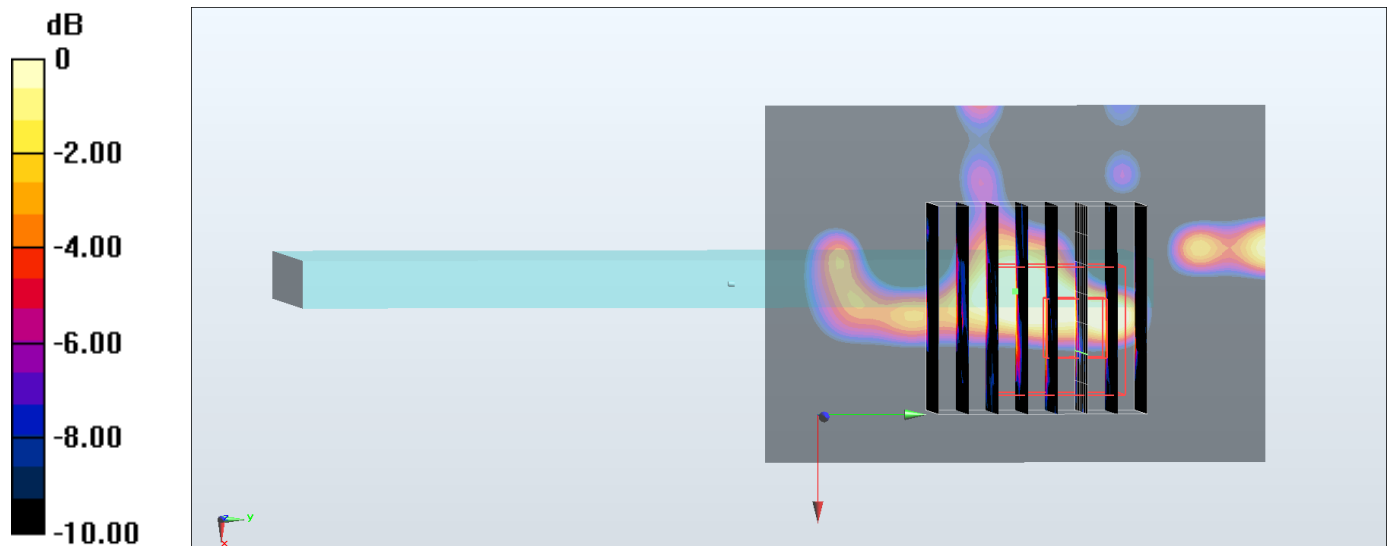
Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.340 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.0120 W/kg

SAR(1 g) = 0.00182 W/kg; SAR(10 g) = 0.000532 W/kg

Maximum value of SAR (measured) = 0.00541 W/kg



0 dB = 0.00541 W/kg = -22.67 dBW/kg

#07_WLAN5GHz_802.11n-HT40 MCS0_Back_10mm_Ch38;Ant 1

Communication System: 802.11n ; Frequency: 5190 MHz;Duty Cycle: 1:1.114

Medium: MSL_5G_170808 Medium parameters used: $f = 5190$ MHz; $\sigma = 5.447$ S/m; $\epsilon_r = 46.965$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(4.57, 4.57, 4.57); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (61x61x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.0777 W/kg

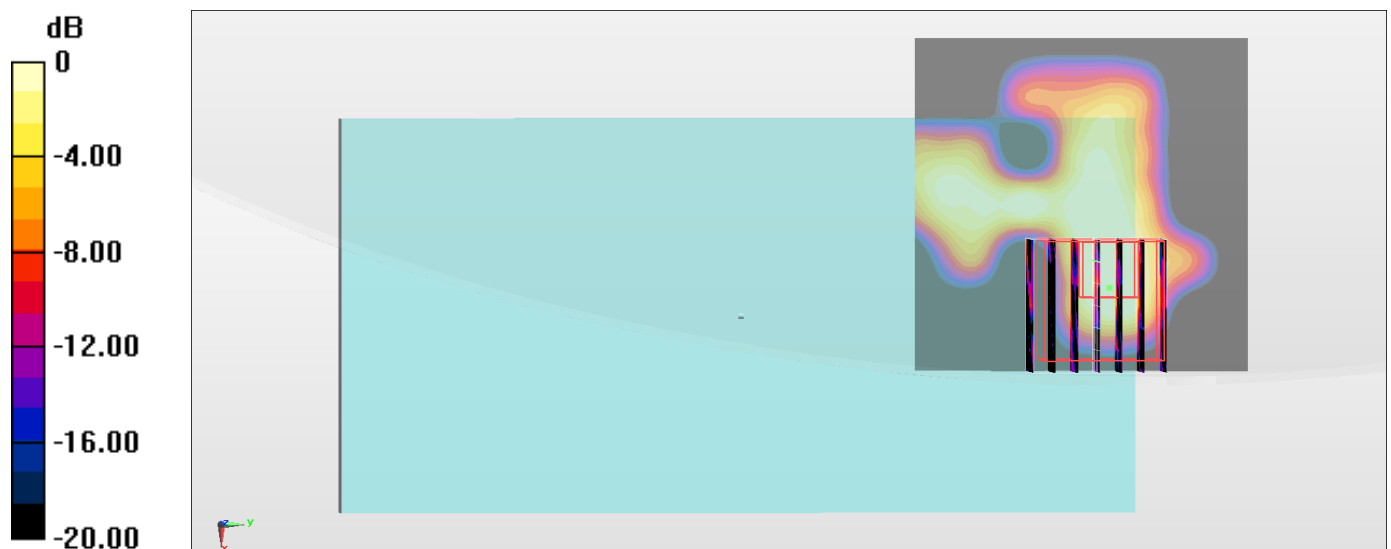
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 1.481 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.159 W/kg

SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.00259 W/kg

Maximum value of SAR (measured) = 0.0369 W/kg



0 dB = 0.0369 W/kg = -14.33 dBW/kg

#08_WLAN5GHz_802.11n-HT40 MCS0_Right Side_10mm_Ch38;Ant 1

Communication System: 802.11n ; Frequency: 5190 MHz;Duty Cycle: 1:1.114

Medium: MSL_5G_170808 Medium parameters used: $f = 5190$ MHz; $\sigma = 5.447$ S/m; $\epsilon_r = 46.965$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(4.57, 4.57, 4.57); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (81x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.205 W/kg

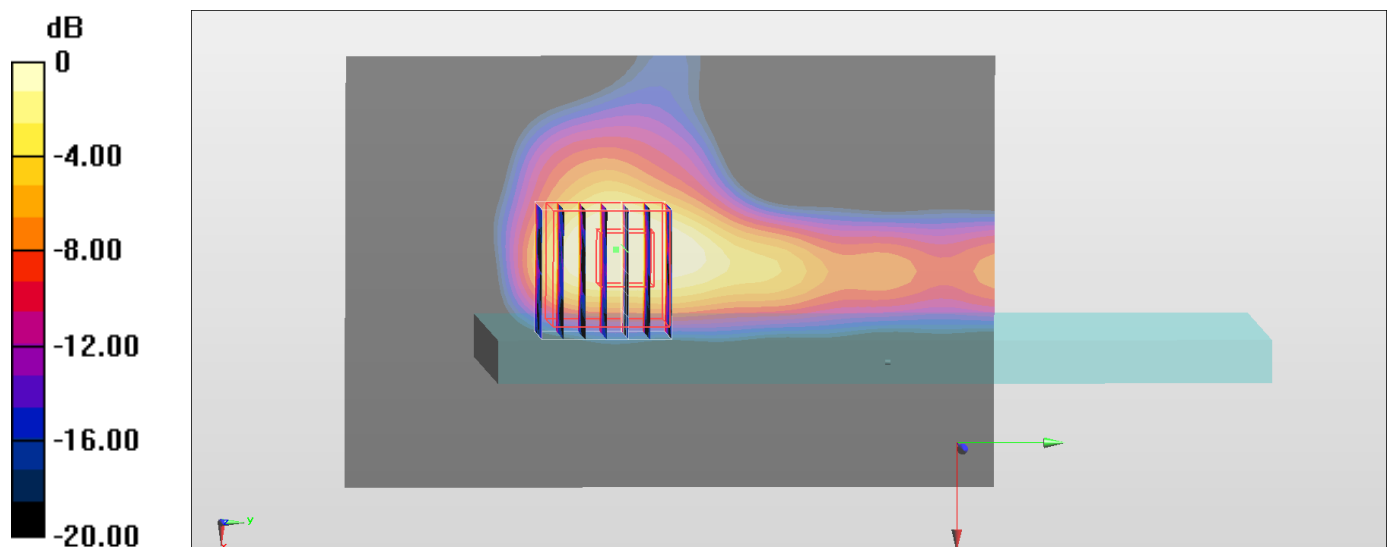
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.631 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.189 W/kg

SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.019 W/kg

Maximum value of SAR (measured) = 0.126 W/kg



#09_WLAN5GHz_802.11n-HT40 MCS0_Back_10mm_Ch151;Ant 1

Communication System: 802.11n ; Frequency: 5755 MHz;Duty Cycle: 1:1.114

Medium: MSL_5G_170808 Medium parameters used: $f = 5755$ MHz; $\sigma = 6.199$ S/m; $\epsilon_r = 45.894$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(4.01, 4.01, 4.01); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (61x61x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.199 W/kg

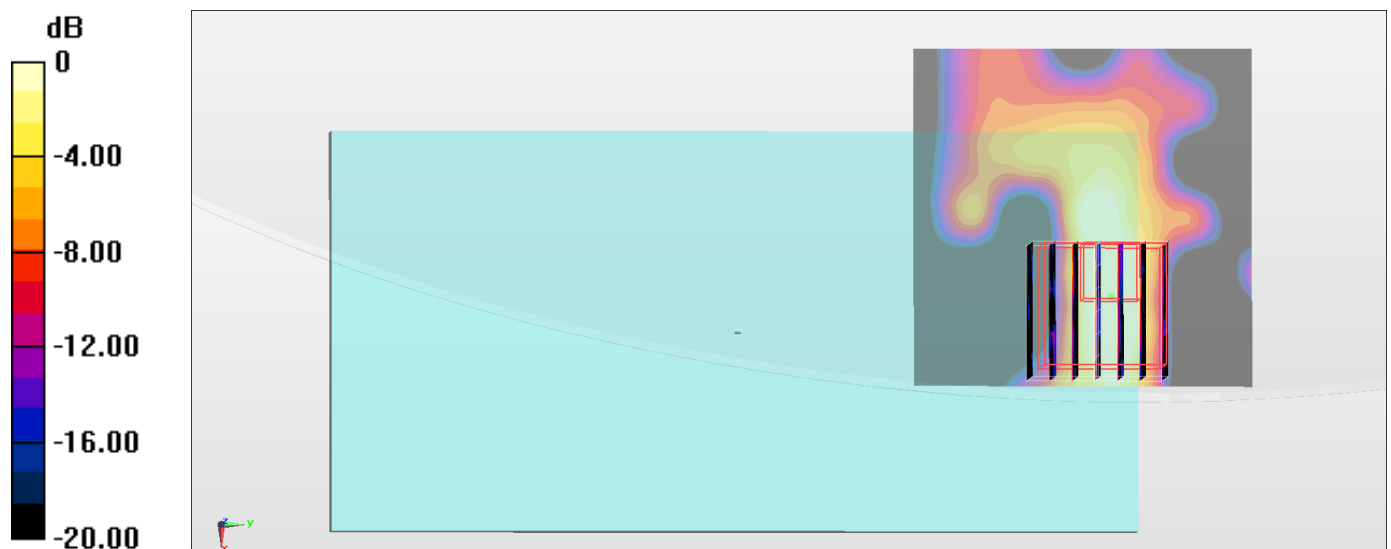
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 2.625 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.165 W/kg

SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.0079 W/kg

Maximum value of SAR (measured) = 0.0944 W/kg



0 dB = 0.0944 W/kg = -10.25 dBW/kg

#10_WLAN5GHz_802.11n-HT40 MCS0_Right Side_10mm_Ch151;Ant 1

Communication System: 802.11n ; Frequency: 5755 MHz;Duty Cycle: 1:1.114

Medium: MSL_5G_170808 Medium parameters used: $f = 5755$ MHz; $\sigma = 6.199$ S/m; $\epsilon_r = 45.894$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(4.01, 4.01, 4.01); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (81x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.191 W/kg

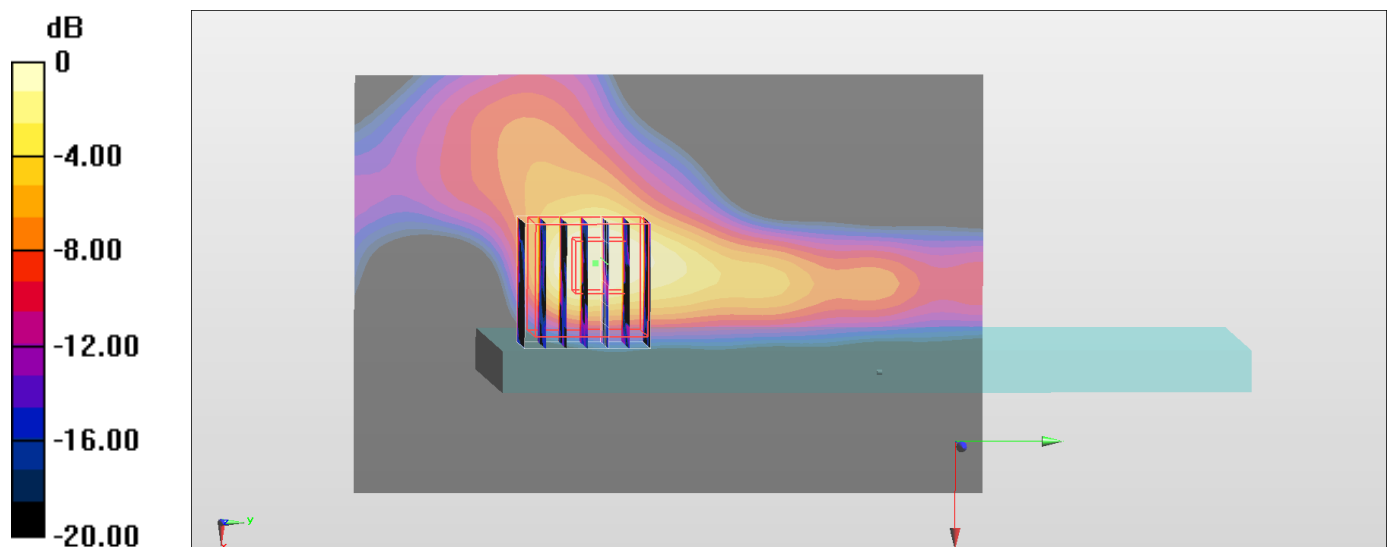
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.973 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.202 W/kg

SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.017 W/kg

Maximum value of SAR (measured) = 0.137 W/kg



0 dB = 0.137 W/kg = -8.63 dBW/kg

#11_WLAN2.4GHz_802.11b 1Mbps_Back_0mm_Ch1;Ant 1

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

Medium: MSL_2450_170808 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.925$ S/m; $\epsilon_r = 55.059$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.73, 7.73, 7.73); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (81x71x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.0314 W/kg

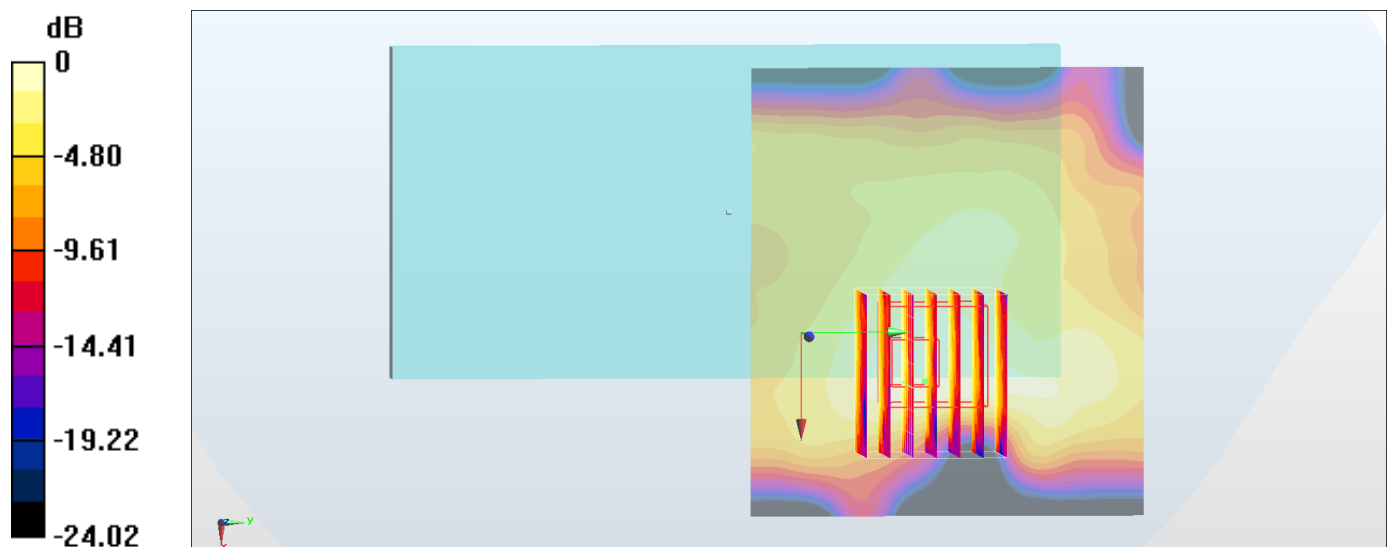
Zoom Scan (8x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.110 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.0430 W/kg

SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.00946 W/kg

Maximum value of SAR (measured) = 0.0279 W/kg



0 dB = 0.0279 W/kg = -15.54 dBW/kg

#12_WLAN5GHz_802.11n-HT40 MCS0_Back_10mm_Ch62;Ant 1

Communication System: 802.11n ; Frequency: 5310 MHz;Duty Cycle: 1:1.114

Medium: MSL_5G_170808 Medium parameters used: $f = 5310$ MHz; $\sigma = 5.602$ S/m; $\epsilon_r = 46.703$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(4.57, 4.57, 4.57); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (61x61x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.135 W/kg

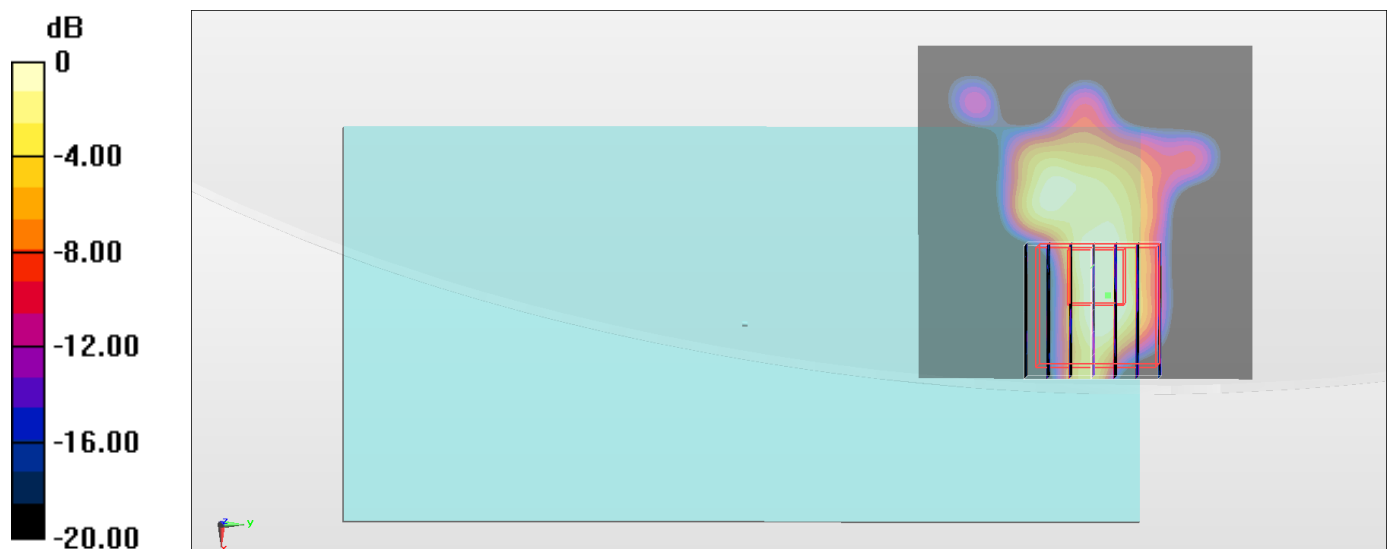
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 0.6480 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.222 W/kg

SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.00565 W/kg

Maximum value of SAR (measured) = 0.0777 W/kg



0 dB = 0.0777 W/kg = -11.10 dBW/kg

#13_WLAN5GHz_802.11n-HT40 MCS0_Back_10mm_Ch102;Ant 1

Communication System: 802.11n ; Frequency: 5510 MHz;Duty Cycle: 1:1.114

Medium: MSL_5G_170808 Medium parameters used: $f = 5510$ MHz; $\sigma = 5.871$ S/m; $\epsilon_r = 46.414$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(3.71, 3.71, 3.71); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (61x61x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.140 W/kg

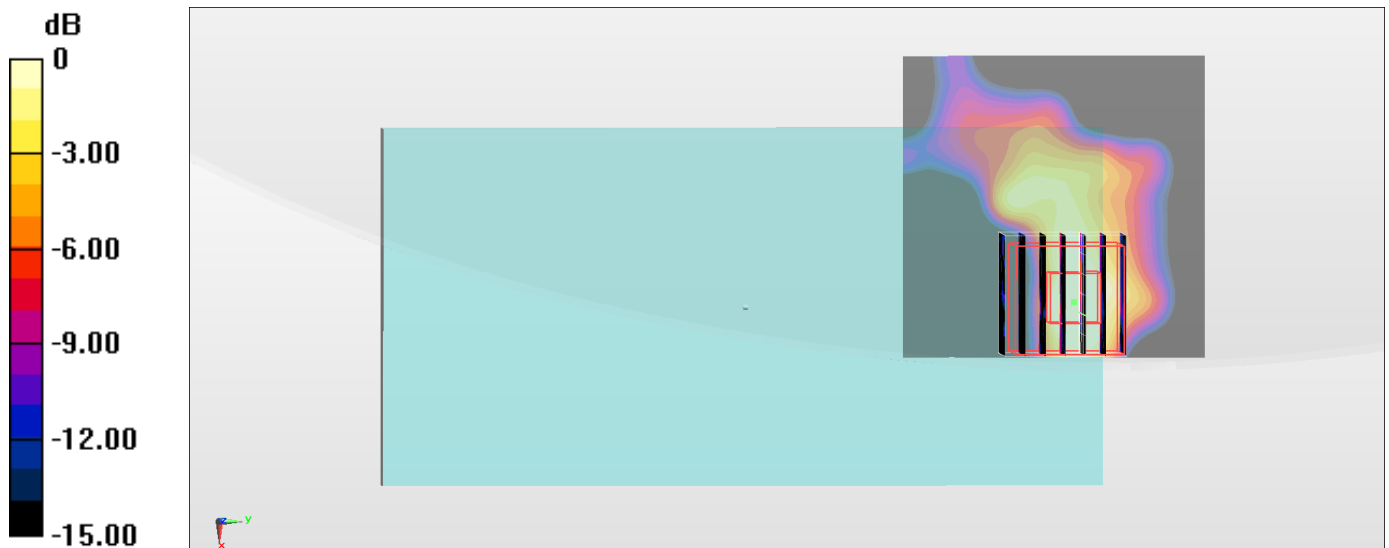
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 1.371 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.118 W/kg

SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.00717 W/kg

Maximum value of SAR (measured) = 0.0675 W/kg



0 dB = 0.0675 W/kg = -11.71 dBW/kg

#14_WLAN5GHz_802.11n-HT40 MCS0_Back_10mm_Ch151;Ant 1

Communication System: 802.11n ; Frequency: 5755 MHz;Duty Cycle: 1:1.114

Medium: MSL_5G_170808 Medium parameters used: $f = 5755$ MHz; $\sigma = 6.199$ S/m; $\epsilon_r = 45.894$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(4.01, 4.01, 4.01); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (61x61x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.199 W/kg

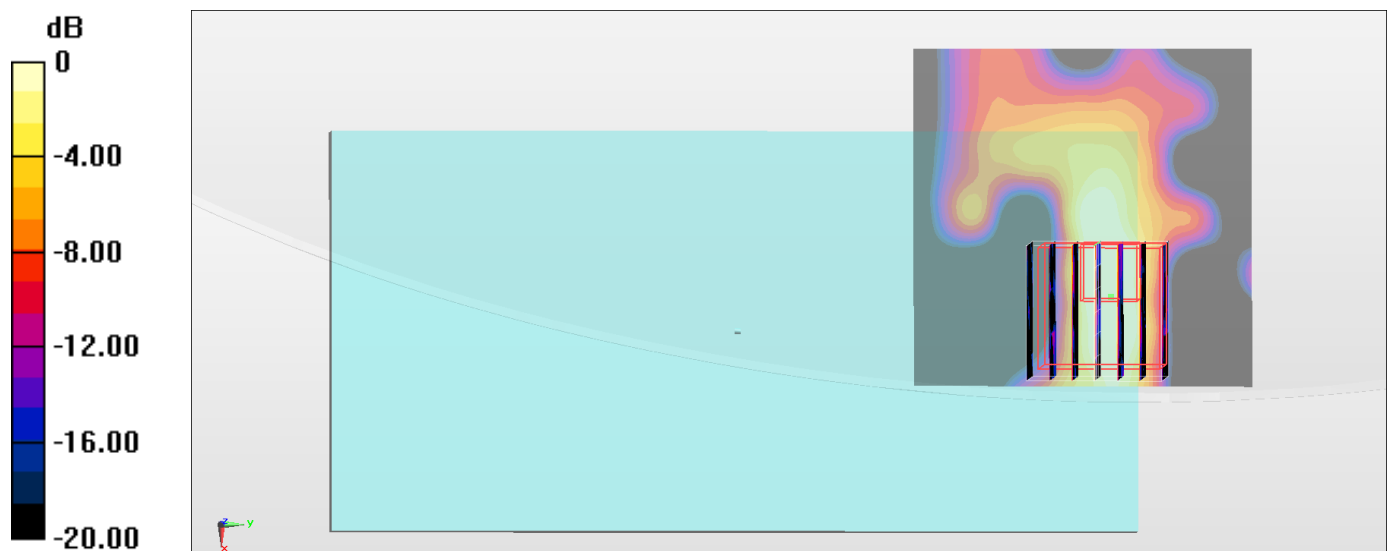
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 2.625 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.165 W/kg

SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.0079 W/kg

Maximum value of SAR (measured) = 0.0944 W/kg



0 dB = 0.0944 W/kg = -10.25 dBW/kg