

01_WLAN2.4GHz_802.11b 1Mbps_Back_10mm_Ch11

Communication System: UID 0, WLAN2.4GHz (0); Frequency: 2462 MHz; Duty Cycle: 1:1.018
Medium: HSL_2450 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.88$ S/m; $\epsilon_r = 40.833$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(8.03, 8.03, 8.03) ; Calibrated: 2023/10/5
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (91x151x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 0.878 W/kg

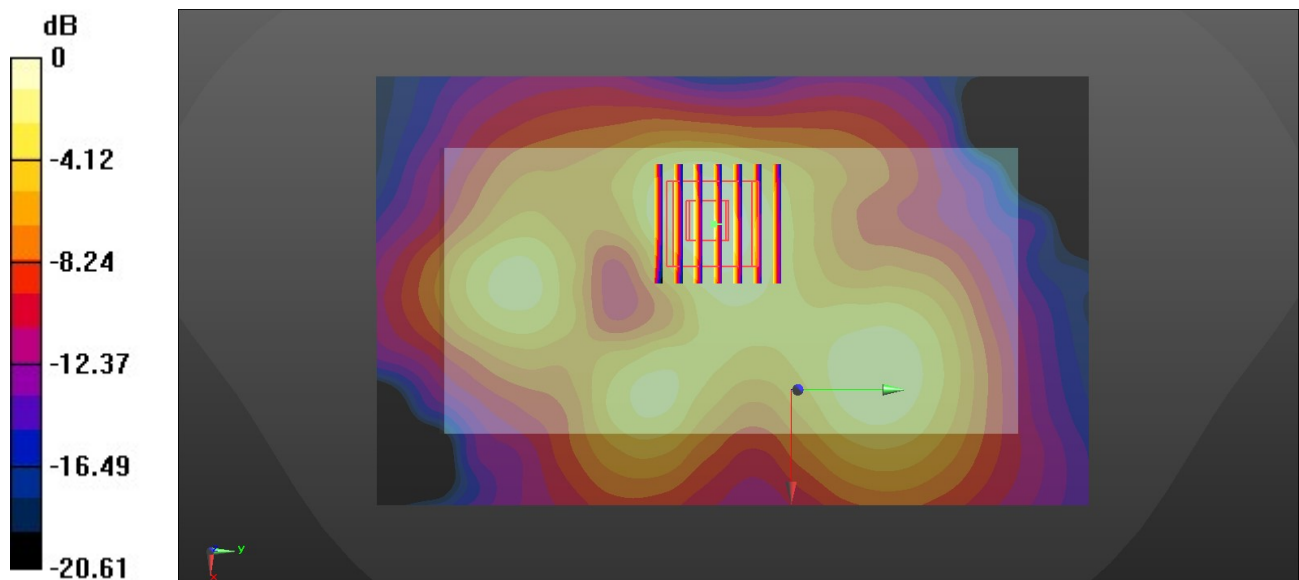
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 17.86 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.578 W/kg; SAR(10 g) = 0.311 W/kg

Maximum value of SAR (measured) = 0.867 W/kg



02_BLE_1Mbps_Back_10mm_Ch19

Communication System: UID 0, Bluetooth (0); Frequency: 2440 MHz; Duty Cycle: 1:1.616

Medium: HSL_2450 Medium parameters used: $f = 2440$ MHz; $\sigma = 1.867$ S/m; $\epsilon_r = 40.838$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(8.03, 8.03, 8.03) ; Calibrated: 2023/10/5
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (101x151x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.0700 W/kg

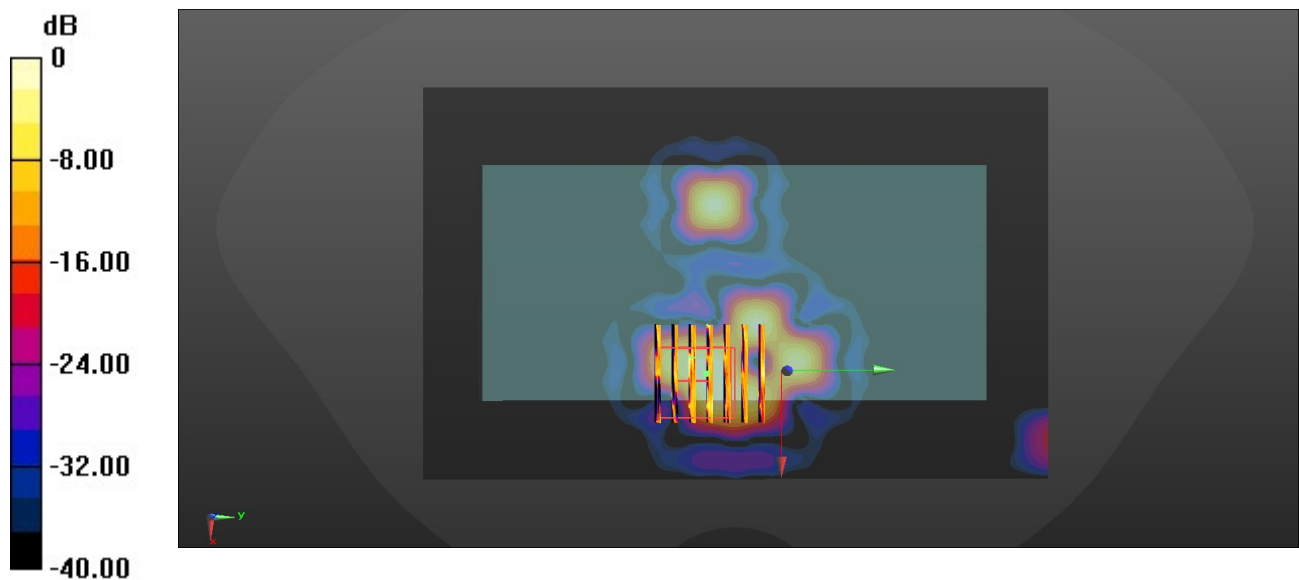
Zoom Scan (9x10x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0.3140 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.195 W/kg

SAR(1 g) = 0.003 W/kg; SAR(10 g) = 0.000353 W/kg

Maximum value of SAR (measured) = 0.195 W/kg



03_WLAN2.4GHz_802.11b 1Mbps_Front_0mm_Ch11

Communication System: UID 0, WLAN2.4GHz (0); Frequency: 2462 MHz; Duty Cycle: 1:1.018
Medium: HSL_2450 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.88$ S/m; $\epsilon_r = 40.833$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(8.03, 8.03, 8.03) ; Calibrated: 2023/10/5
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (91x151x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 0.645 W/kg

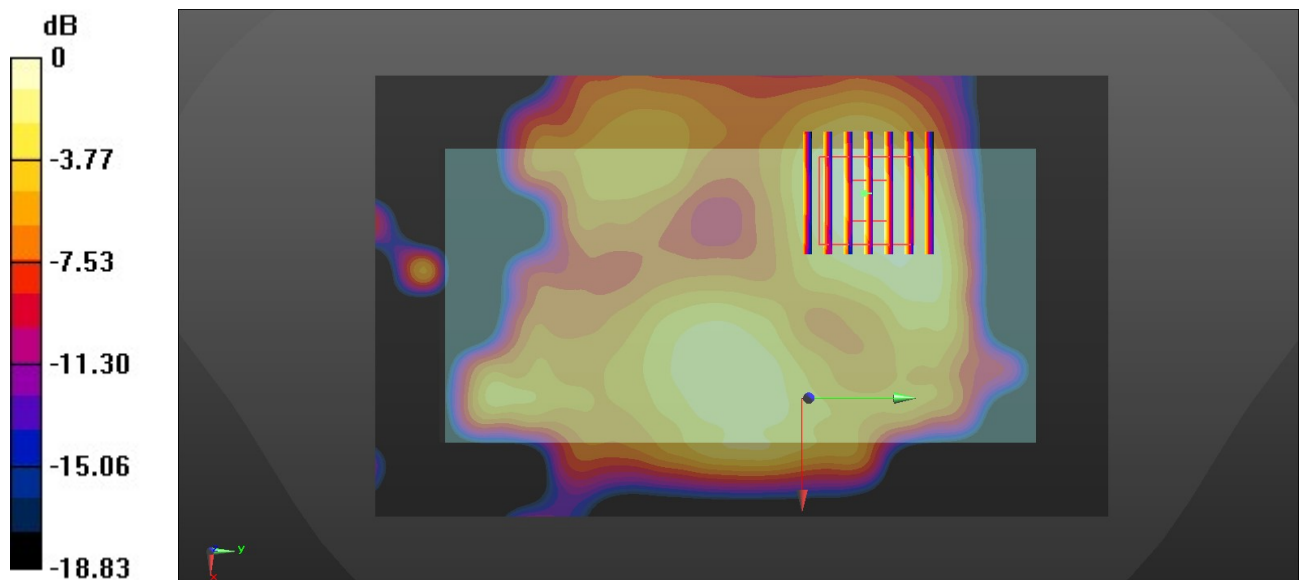
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.79 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.750 W/kg

SAR(1 g) = 0.444 W/kg; SAR(10 g) = 0.249 W/kg

Maximum value of SAR (measured) = 0.634 W/kg



0 dB = 0.634 W/kg = -1.98 dBW/kg

04_BLE_1Mbps_Front_0mm_Ch19

Communication System: UID 0, Bluetooth (0); Frequency: 2440 MHz; Duty Cycle: 1:1.616

Medium: HSL_2450 Medium parameters used: $f = 2440$ MHz; $\sigma = 1.867$ S/m; $\epsilon_r = 40.838$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(8.03, 8.03, 8.03) ; Calibrated: 2023/10/5
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (101x151x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.121 W/kg

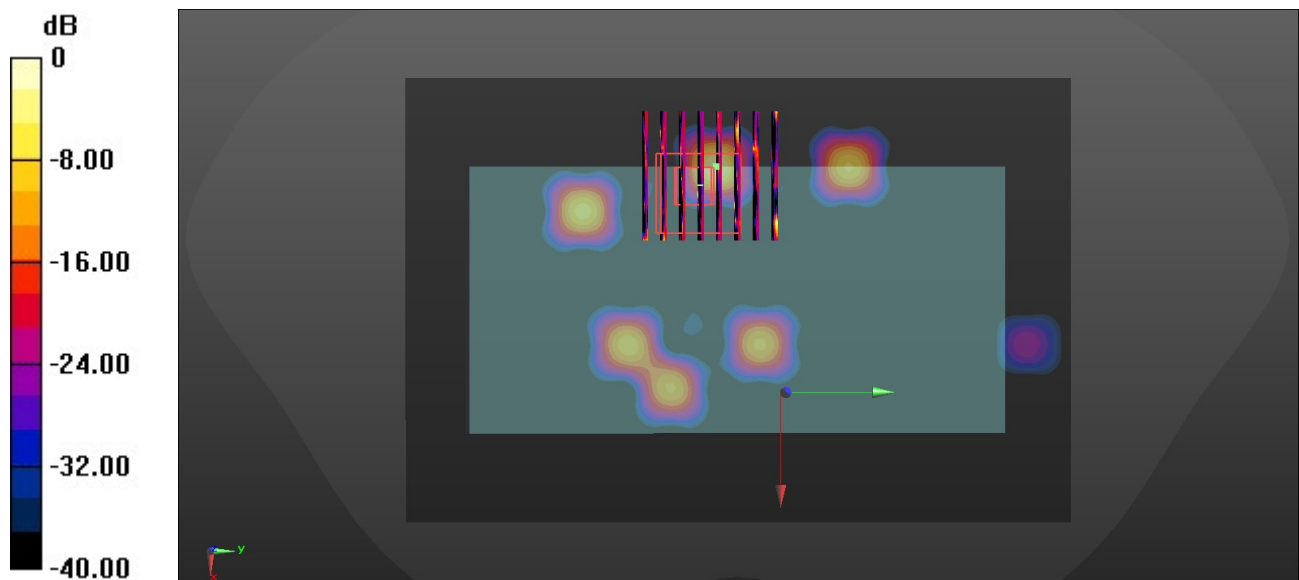
Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.307 W/kg

SAR(1 g) = 0.003 W/kg; SAR(10 g) = 0.000661 W/kg

Maximum value of SAR (measured) = 0.172 W/kg



0 dB = 0.172 W/kg = -7.64 dBW/kg

05_WLAN5GHz_802.11n-HT40 MCS0_Front_0mm_Ch54

Communication System: UID 0, WLAN5GHz (0); Frequency: 5270 MHz; Duty Cycle: 1:1.003

Medium: HSL_5000 Medium parameters used: $f = 5270$ MHz; $\sigma = 4.61$ S/m; $\epsilon_r = 36.279$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.73, 5.73, 5.73) ; Calibrated: 2023/10/5
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (51x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.304 W/kg

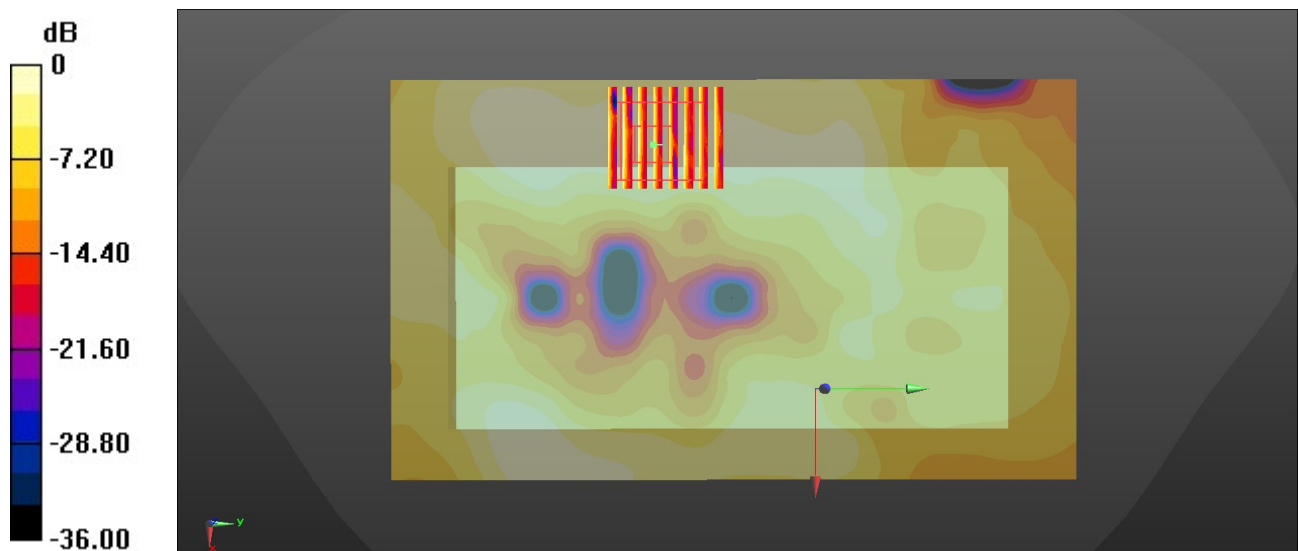
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.927 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.472 W/kg

SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.069 W/kg

Maximum value of SAR (measured) = 0.303 W/kg



0 dB = 0.303 W/kg = -5.19 dBW/kg

06_WLAN5GHz_802.11ac-VHT80 MCS0_Front_0mm_Ch106

Communication System: UID 0, WLAN5GHz (0); Frequency: 5530 MHz; Duty Cycle: 1:1.005

Medium: HSL_5000 Medium parameters used: $f = 5530$ MHz; $\sigma = 4.864$ S/m; $\epsilon_r = 35.836$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.10, 5.10, 5.10) ; Calibrated: 2023/10/5
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.401 W/kg

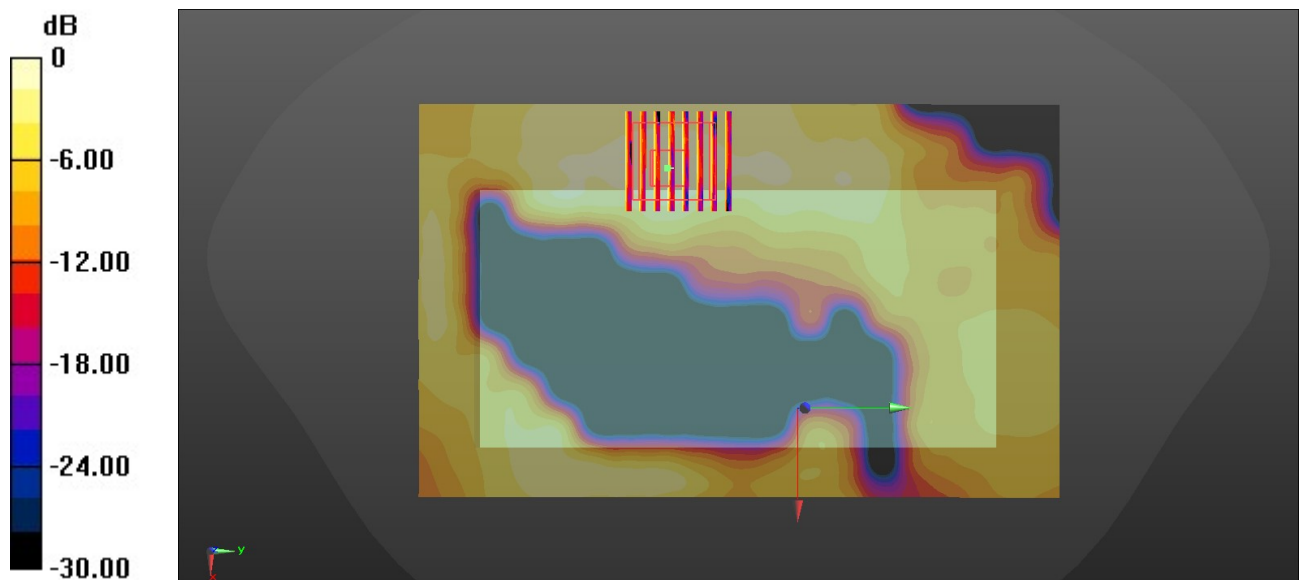
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.6640 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.651 W/kg

SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.075 W/kg

Maximum value of SAR (measured) = 0.408 W/kg



0 dB = 0.408 W/kg = -3.89 dBW/kg

07_WLAN5GHz_802.11ac-VHT80 MCS0_Front_0mm_Ch155

Communication System: UID 0, WLAN5GHz (0); Frequency: 5775 MHz; Duty Cycle: 1:1.005

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.142$ S/m; $\epsilon_r = 35.547$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.32, 5.32, 5.32) ; Calibrated: 2023/10/5
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.421 W/kg

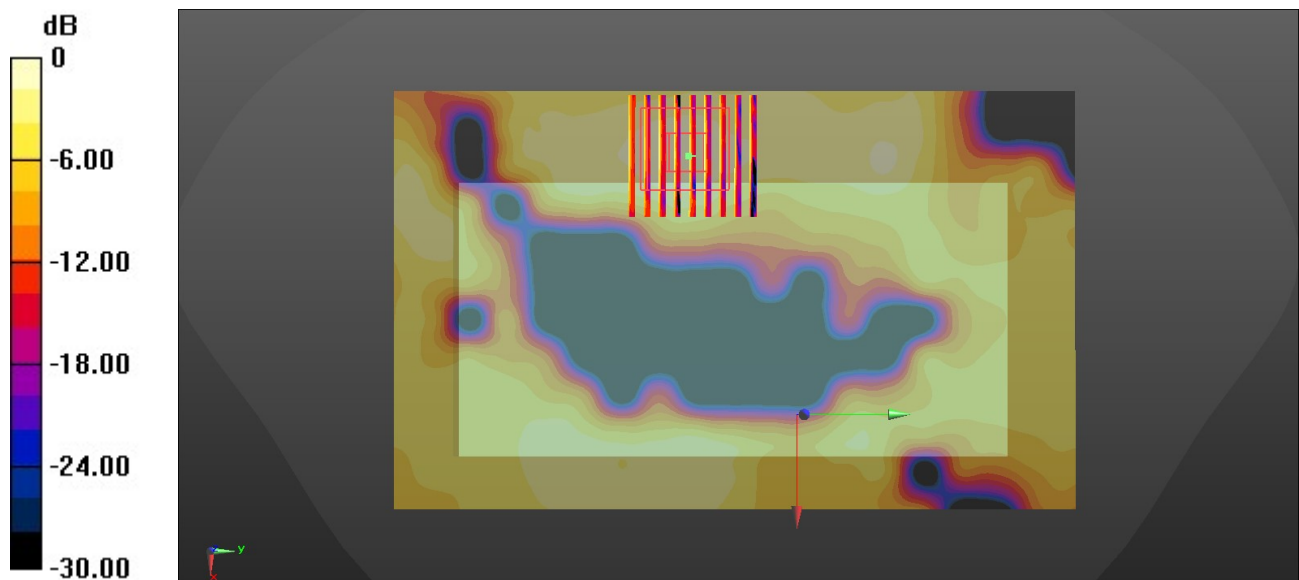
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.8670 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.714 W/kg

SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.073 W/kg

Maximum value of SAR (measured) = 0.427 W/kg



0 dB = 0.427 W/kg = -3.70 dBW/kg

08_WLAN5GHz_802.11n-HT40 MCS0_Left Side_0mm_Ch54

Communication System: UID 0, WLAN5GHz (0); Frequency: 5270 MHz; Duty Cycle: 1:1.003

Medium: HSL_5000 Medium parameters used: $f = 5270$ MHz; $\sigma = 4.61$ S/m; $\epsilon_r = 36.279$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.73, 5.73, 5.73) ; Calibrated: 2023/10/5
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (51x181x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 23.0 W/kg

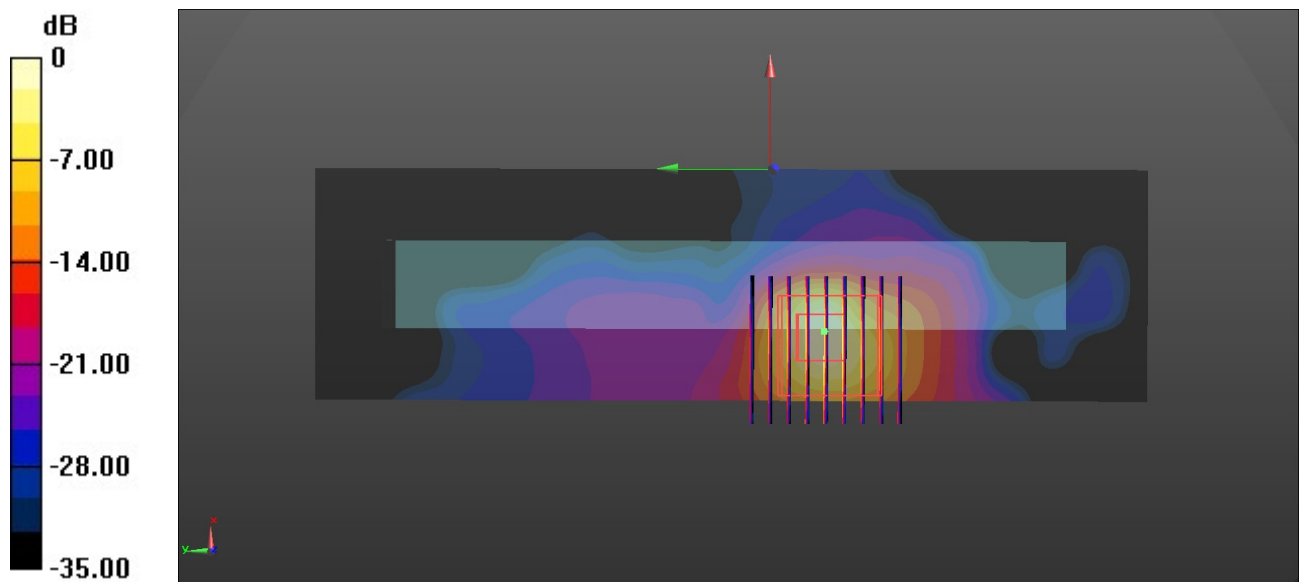
Zoom Scan (9x9x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 13.46 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 38.6 W/kg

SAR(1 g) = 7.81 W/kg; SAR(10 g) = 2.05 W/kg

Maximum value of SAR (measured) = 19.7 W/kg



0 dB = 19.7 W/kg = 12.94 dBW/kg

09_WLAN5GHz_802.11ac-VHT80 MCS0_Left Side_0mm_Ch106

Communication System: UID 0, WLAN5GHz (0); Frequency: 5530 MHz; Duty Cycle: 1:1.005

Medium: HSL_5000 Medium parameters used: $f = 5530$ MHz; $\sigma = 4.864$ S/m; $\epsilon_r = 35.836$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.10, 5.10, 5.10) ; Calibrated: 2023/10/5
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (51x181x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 21.8 W/kg

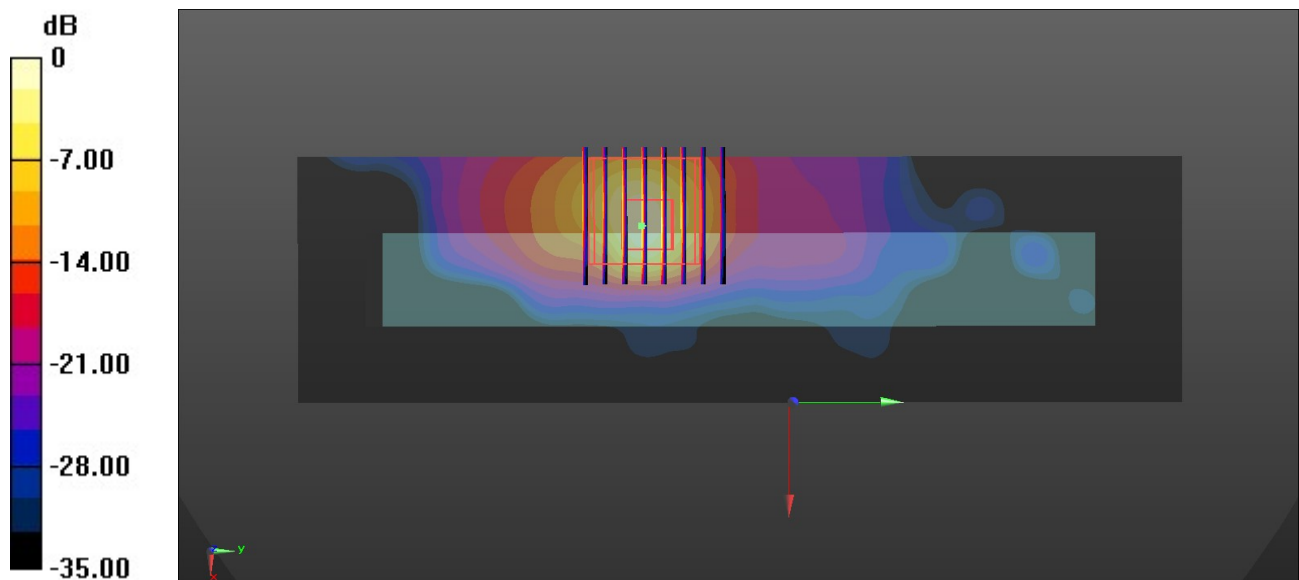
Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 5.908 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 56.8 W/kg

SAR(1 g) = 9.9 W/kg; SAR(10 g) = 2.32 W/kg

Maximum value of SAR (measured) = 27.7 W/kg



10_WLAN5GHz_802.11ac-VHT80 MCS0_Left Side_0mm_Ch155

Communication System: UID 0, WLAN5GHz (0); Frequency: 5775 MHz; Duty Cycle: 1:1.005

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.142$ S/m; $\epsilon_r = 35.547$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.32, 5.32, 5.32) ; Calibrated: 2023/10/5
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (51x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 36.4 W/kg

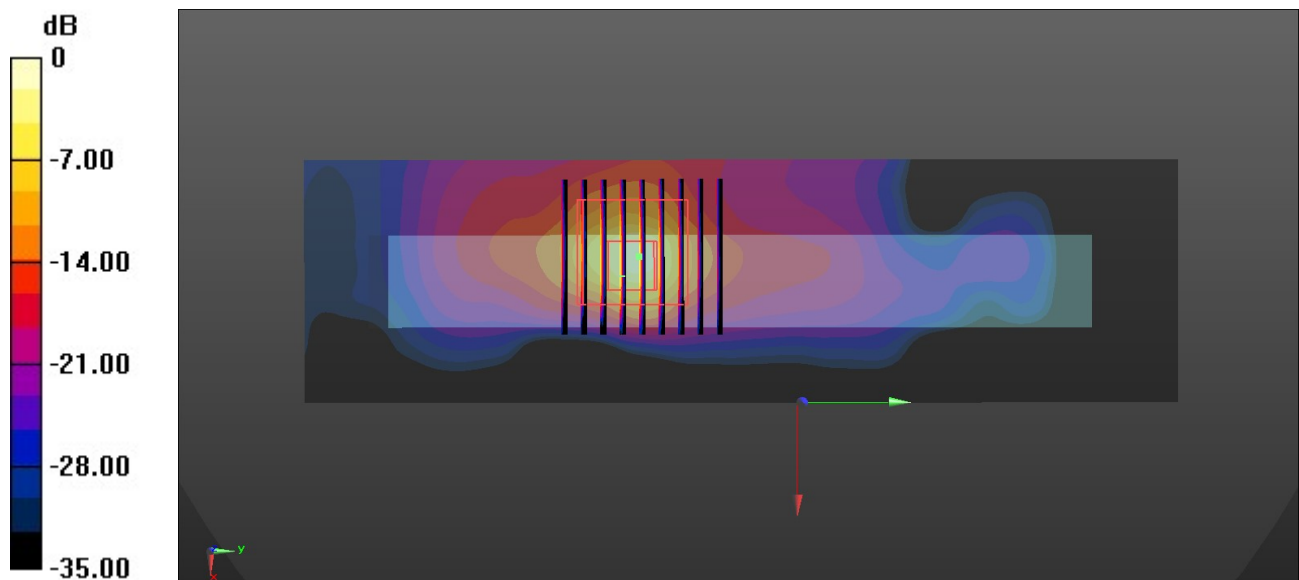
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.20 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 109 W/kg

SAR(1 g) = 13.5 W/kg; SAR(10 g) = 2.7 W/kg

Maximum value of SAR (measured) = 38.4 W/kg



0 dB = 38.4 W/kg = 15.84 dBW/kg