

#01_WLAN2.4GHz_802.11b 1Mbps_Inner Surface_0mm_Ch1;Left Ant

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1.172

Medium: HSL_2450_191226 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.808$ S/m; $\epsilon_r = 39.302$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.6, 7.6, 7.6) @ 2412 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (101x161x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 1.41 W/kg

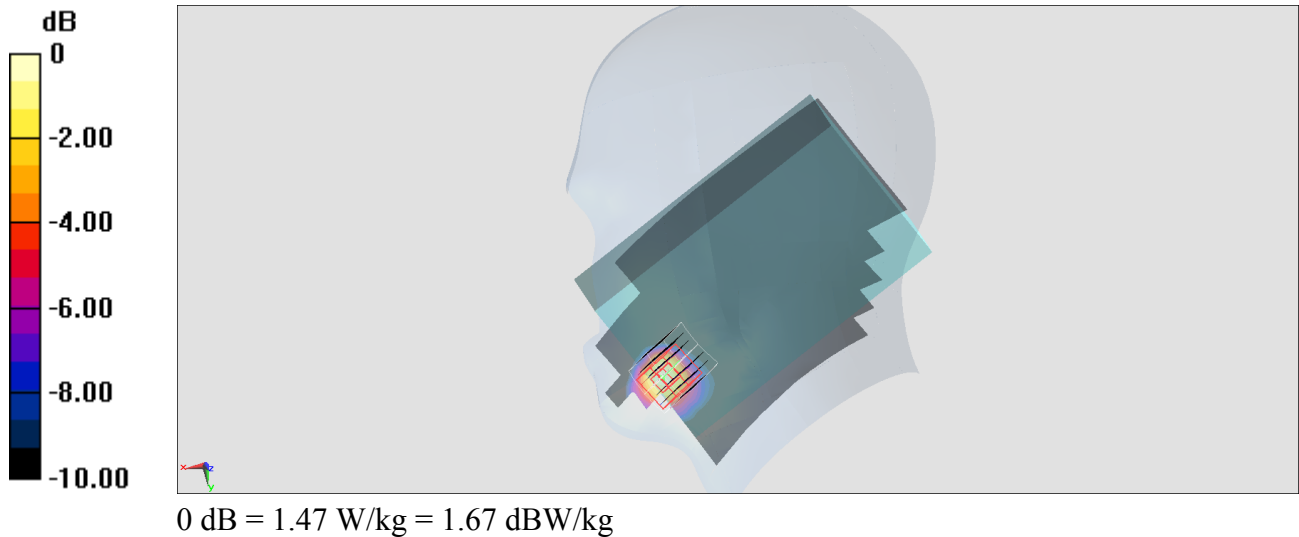
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 18.91 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 0.950 W/kg; SAR(10 g) = 0.454 W/kg

Maximum value of SAR (measured) = 1.47 W/kg



#02_WLAN5GHz_802.11a 6Mbps_Inner Surface_0mm_Ch60;Right Ant

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.017

Medium: HSL_5G_200429 Medium parameters used: $f = 5300$ MHz; $\sigma = 4.897$ S/m; $\epsilon_r = 37.117$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(5.49, 5.49, 5.49) @ 5300 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x221x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.23 W/kg

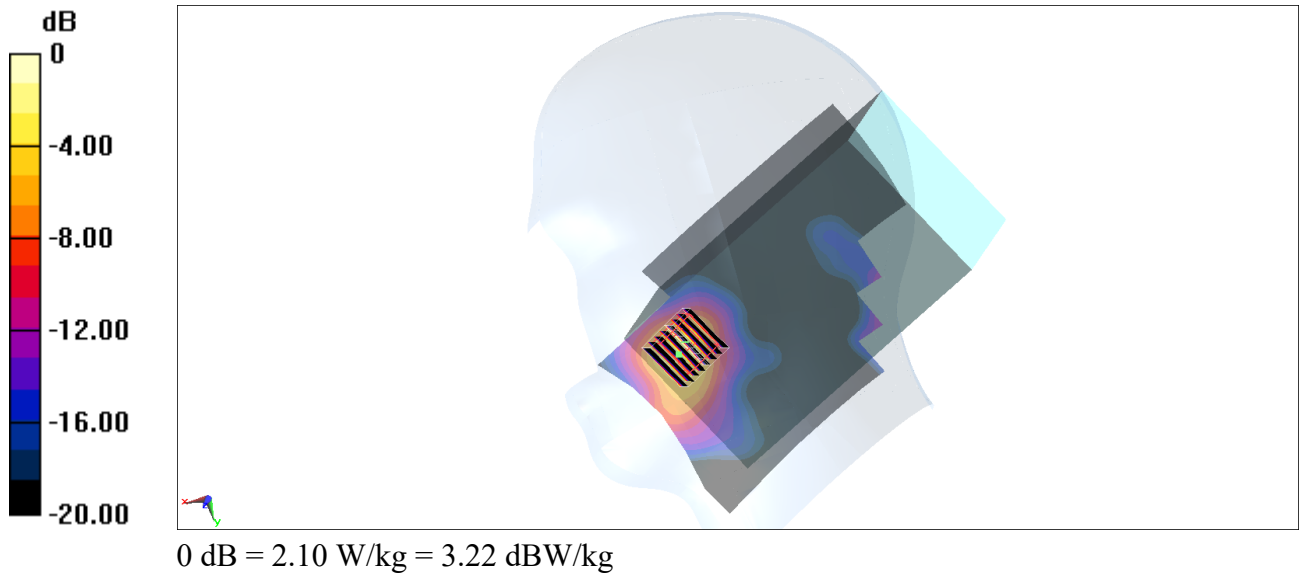
Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 18.46 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.36 W/kg

SAR(1 g) = 0.889 W/kg; SAR(10 g) = 0.278 W/kg

Maximum value of SAR (measured) = 2.10 W/kg



#03_WLAN5GHz_802.11ac-VHT80 MCS0_Inner Surface_0mm_Ch122;Left Ant

Communication System: 802.11ac; Frequency: 5610 MHz; Duty Cycle: 1:1.02

Medium: HSL_5G_200501 Medium parameters used : $f = 5610$ MHz; $\sigma = 5.266$ S/m; $\epsilon_r = 36.757$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.89, 4.89, 4.89) @ 5610 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x221x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.19 W/kg

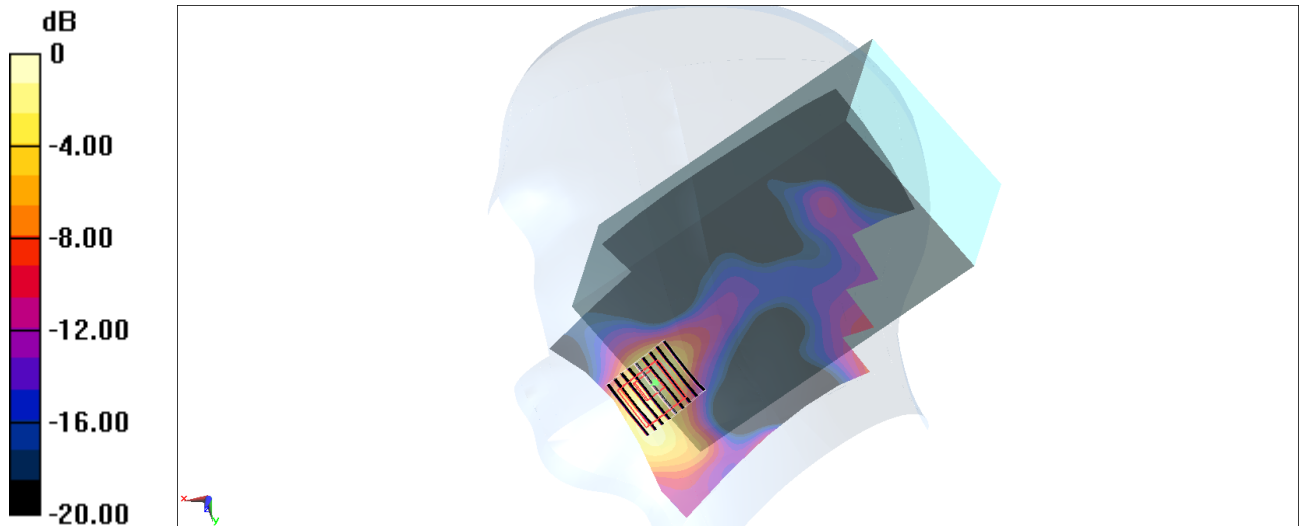
Zoom Scan (9x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 14.38 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.77 W/kg

SAR(1 g) = 0.687 W/kg; SAR(10 g) = 0.230 W/kg

Maximum value of SAR (measured) = 1.60 W/kg



0 dB = 1.60 W/kg = 2.04 dBW/kg

#04_WLAN5GHz_802.11ac-VHT80 MCS0_Inner Surface_0mm_Ch155;Left Ant

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.02

Medium: HSL_5G_200501 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.451$ S/m; $\epsilon_r = 36.546$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(5.22, 5.22, 5.22) @ 5775 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x221x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.27 W/kg

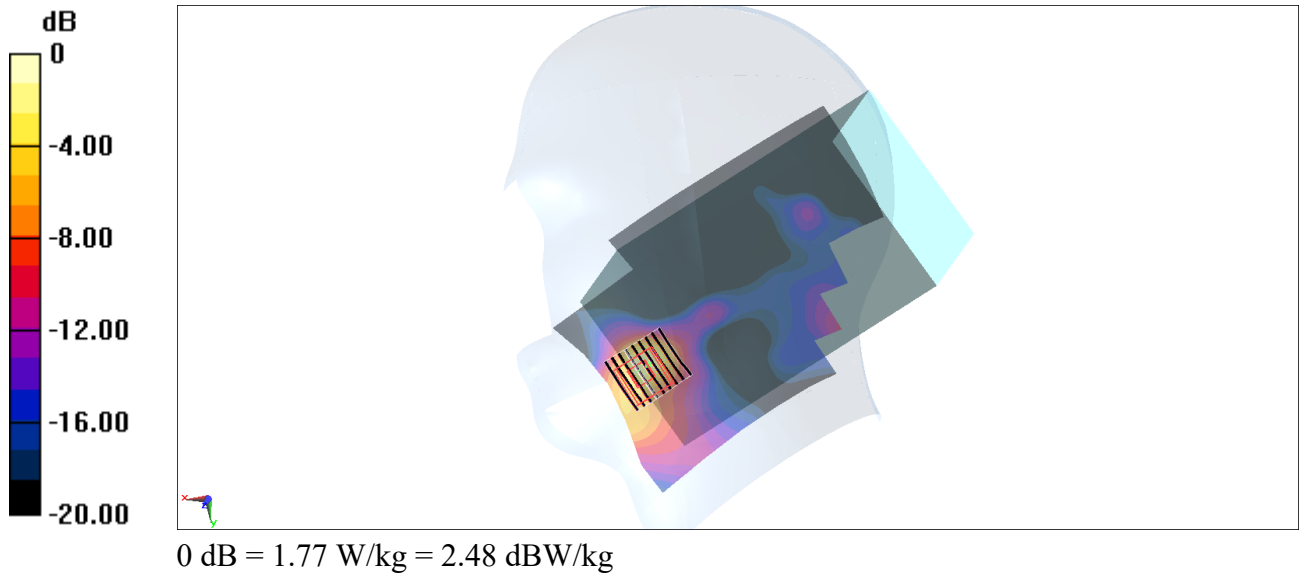
Zoom Scan (9x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 13.17 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 4.04 W/kg

SAR(1 g) = 0.730 W/kg; SAR(10 g) = 0.236 W/kg

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



#05_Bluetooth_LE-1Mbps_Inner Surface_0mm_Ch0;Left Ant

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.625

Medium: HSL_2450_191231 Medium parameters used : $f = 2402$ MHz; $\sigma = 1.774$ S/m; $\epsilon_r = 38.435$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.6, 7.6, 7.6) @ 2402 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (101x161x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.116 W/kg

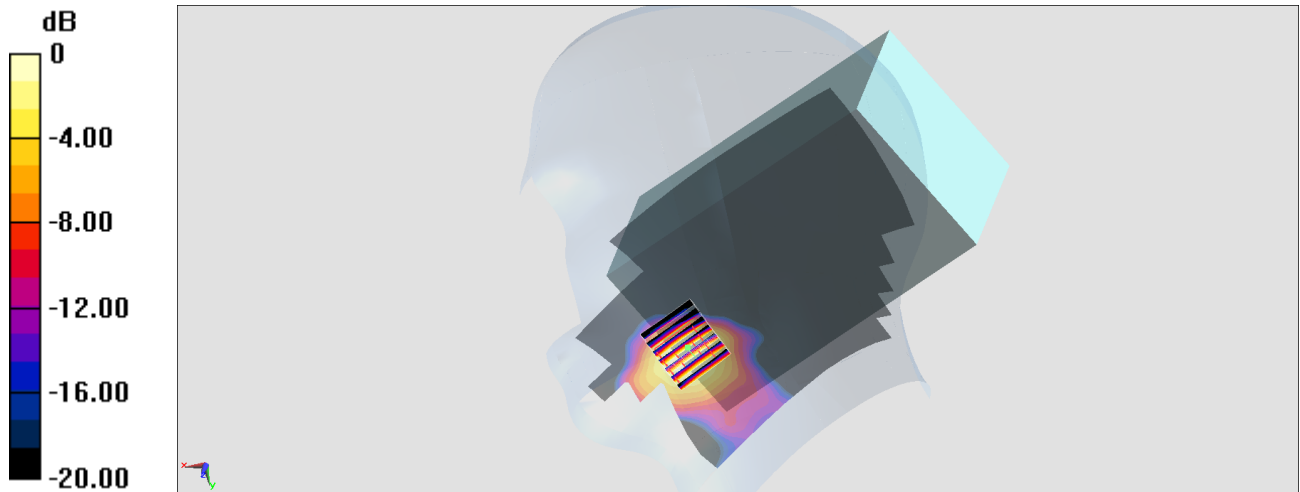
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.306 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.117 W/kg

SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.031 W/kg

Maximum value of SAR (measured) = 0.0957 W/kg



0 dB = 0.0957 W/kg = -10.19 dBW/kg

#06_WLAN2.4GHz_802.11b 1Mbps_Right Slant_0mm_Ch1;Right Ant

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1.172

Medium: HSL_2450_200102 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.73$ S/m; $\epsilon_r = 38.747$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.6, 7.6, 7.6) @ 2412 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (101x121x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 9.52 W/kg

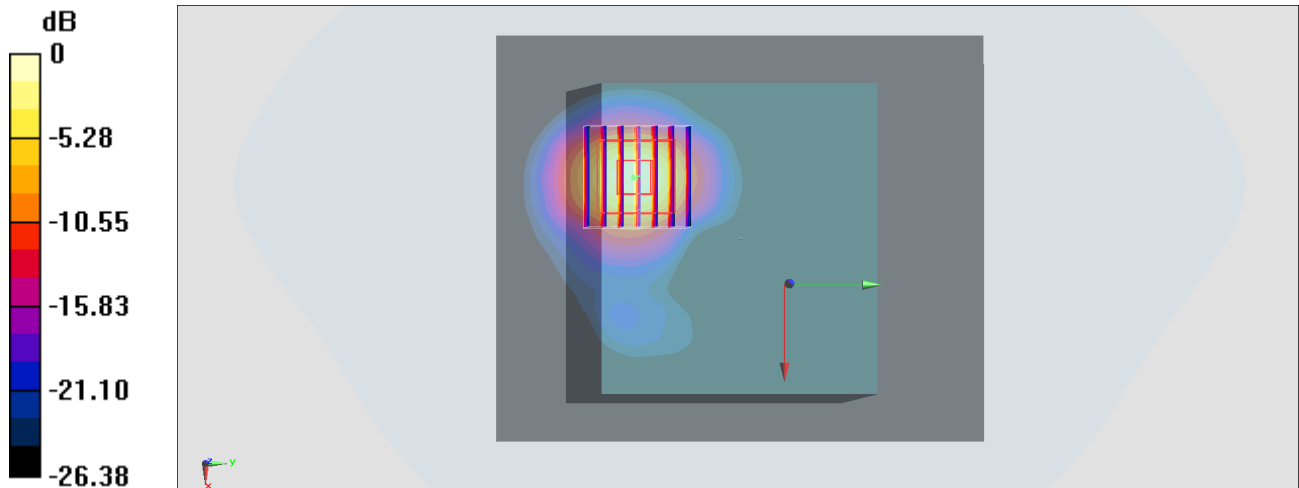
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 74.70 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 12.0 W/kg

SAR(1 g) = 4.59 W/kg; SAR(10 g) = 1.71 W/kg

Maximum value of SAR (measured) = 9.22 W/kg



0 dB = 9.22 W/kg = 9.65 dBW/kg

#07_WLAN5GHz_802.11n-HT40 MCS0_Right Slant_0mm_Ch54;Right Ant

Communication System: 802.11n; Frequency: 5270 MHz; Duty Cycle: 1:1.048

Medium: HSL_5G_200429 Medium parameters used: $f = 5270$ MHz; $\sigma = 4.87$ S/m; $\epsilon_r = 37.131$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(5.49, 5.49, 5.49) @ 5270 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (141x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 4.60 W/kg

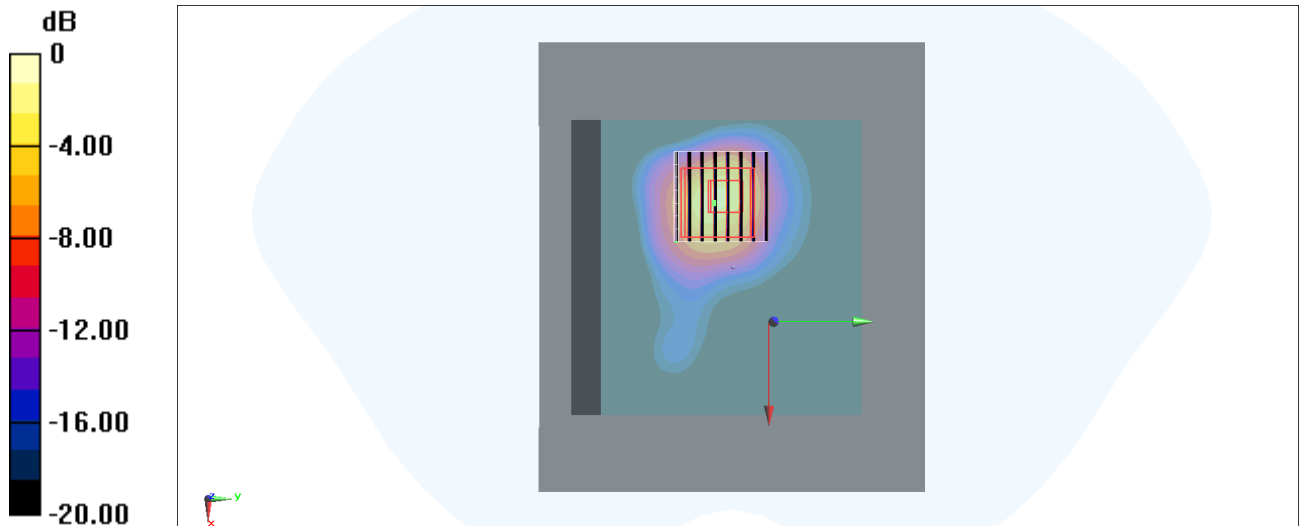
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 24.69 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 12.6 W/kg

SAR(1 g) = 2.86 W/kg; SAR(10 g) = 0.847 W/kg

Maximum value of SAR (measured) = 7.23 W/kg



0 dB = 7.23 W/kg = 8.59 dBW/kg

#08_WLAN5GHz_802.11ac-VHT80 MCS0_Right Slant_0mm_Ch122;Right Ant

Communication System: 802.11ac; Frequency: 5610 MHz; Duty Cycle: 1:1.02

Medium: HSL_5G_200501 Medium parameters used : $f = 5610$ MHz; $\sigma = 5.266$ S/m; $\epsilon_r = 36.757$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.89, 4.89, 4.89) @ 5610 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (141x121x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 7.59 W/kg

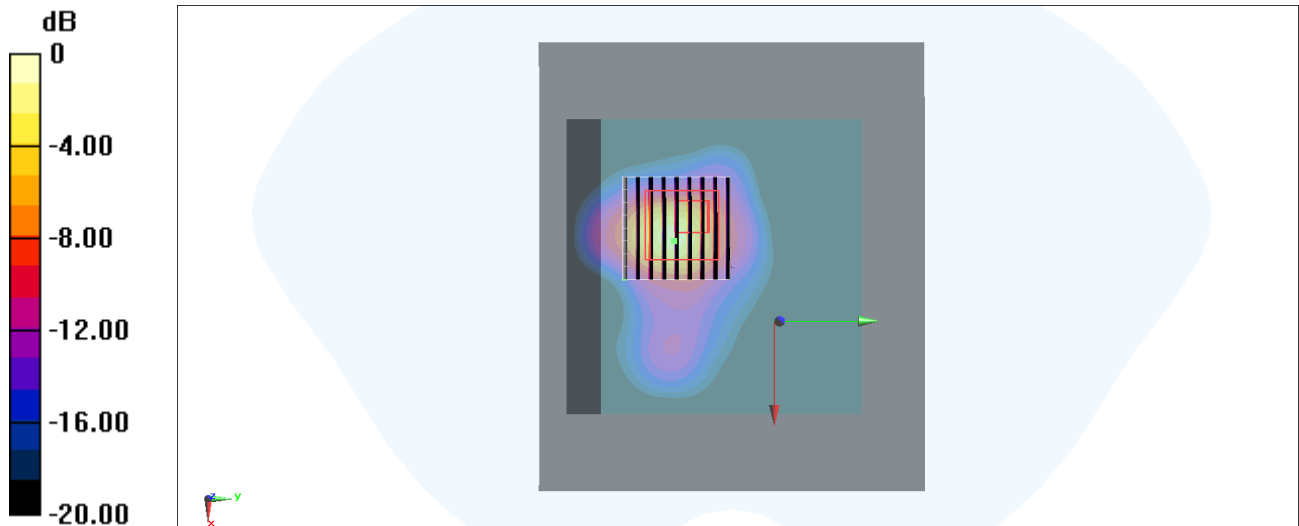
Zoom Scan (9x9x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 13.37 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 26.5 W/kg

SAR(1 g) = 3.77 W/kg; SAR(10 g) = 1.15 W/kg

Maximum value of SAR (measured) = 12.1 W/kg



0 dB = 12.1 W/kg = 10.83 dBW/kg

#09_WLAN5GHz_802.11ac-VHT80 MCS0_Left Slant_0mm_Ch155;Left Ant

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.02

Medium: HSL_5G_200107 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.11$ S/m; $\epsilon_r = 35.664$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(5.22, 5.22, 5.22) @ 5775 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (121x121x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 9.90 W/kg

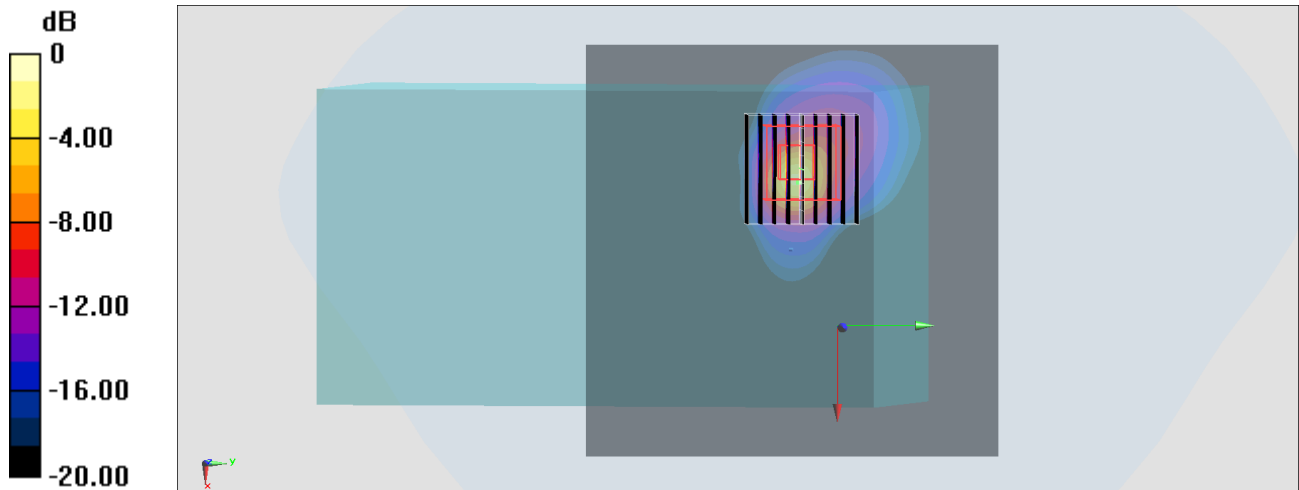
Zoom Scan (9x9x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 52.44 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 31.7 W/kg

SAR(1 g) = 6.14 W/kg; SAR(10 g) = 1.29 W/kg

Maximum value of SAR (measured) = 17.2 W/kg



0 dB = 17.2 W/kg = 12.36 dBW/kg

#10_Bluetooth_LE-1Mbps_Left Slant_0mm_Ch19;Left Ant

Communication System: Bluetooth; Frequency: 2440 MHz; Duty Cycle: 1:1.625

Medium: HSL_2450_200102 Medium parameters used: $f = 2440$ MHz; $\sigma = 1.777$ S/m; $\epsilon_r = 38.653$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.6, 7.6, 7.6) @ 2440 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (101x101x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.640 W/kg

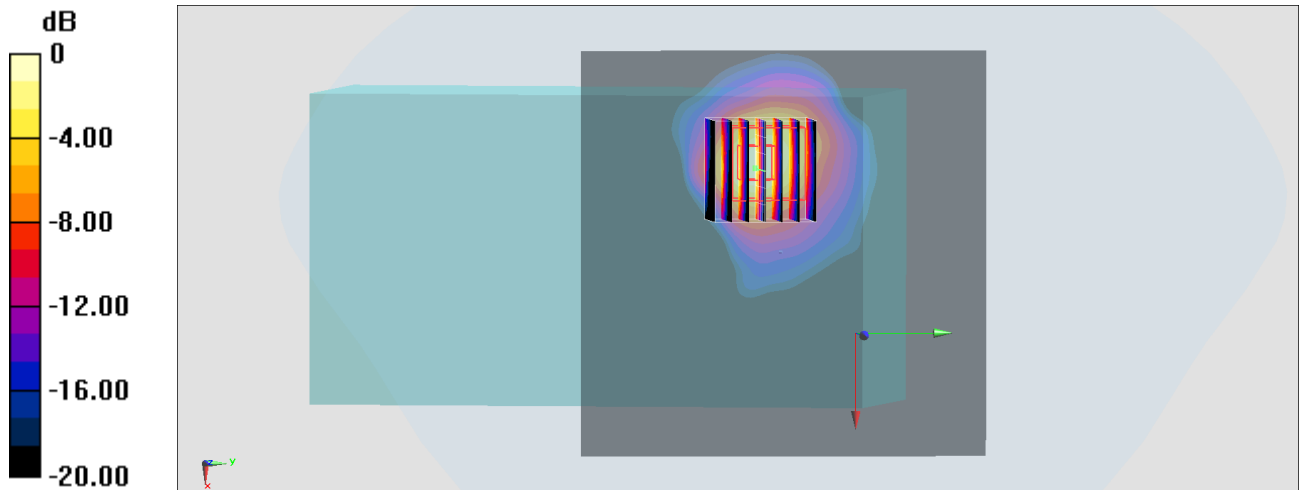
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 15.71 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.776 W/kg

SAR(1 g) = 0.344 W/kg; SAR(10 g) = 0.140 W/kg

Maximum value of SAR (measured) = 0.595 W/kg



0 dB = 0.595 W/kg = -2.25 dBW/kg