

#01_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch11

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.029

Medium: HSL_2450_180603 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.791$ S/m; $\epsilon_r = 40.277$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.75, 7.75, 7.75); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017/12/4
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

Area Scan (101x81x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.464 W/kg

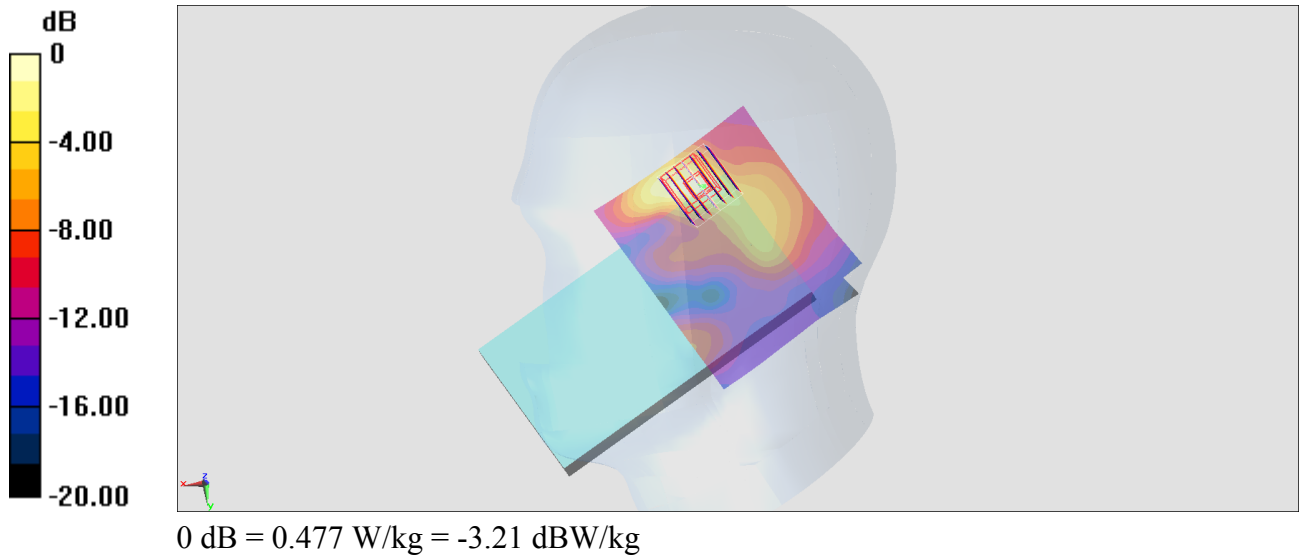
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.34 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.600 W/kg

SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.145 W/kg

Maximum value of SAR (measured) = 0.477 W/kg



#02_WLAN5GHz_802.11a 6Mbps_Right Cheek_Ch52

Communication System: 802.11a ; Frequency: 5260 MHz;Duty Cycle: 1:1.153

Medium: HSL_5G_180604 Medium parameters used: $f = 5260$ MHz; $\sigma = 4.543$ S/m; $\epsilon_r = 37.173$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(5.56, 5.56, 5.56); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017/12/4
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7437)

Area Scan (101x101x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.91 W/kg

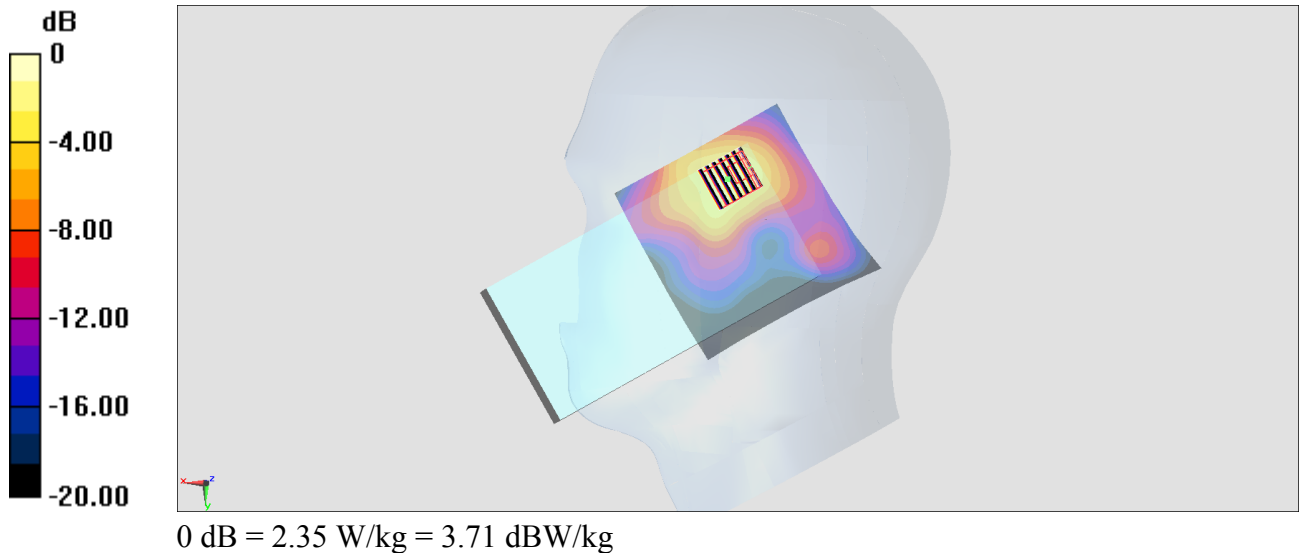
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 22.76 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.95 W/kg

SAR(1 g) = 0.952 W/kg; SAR(10 g) = 0.411 W/kg

Maximum value of SAR (measured) = 2.35 W/kg



#03_WLAN5GHz_802.11a 6Mbps_Left Cheek_Ch132

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1.153

Medium: HSL_5G_180604 Medium parameters used: $f = 5660$ MHz; $\sigma = 4.972$ S/m; $\epsilon_r = 36.616$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.97, 4.97, 4.97); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017/12/4
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

Area Scan (101x101x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 2.09 W/kg

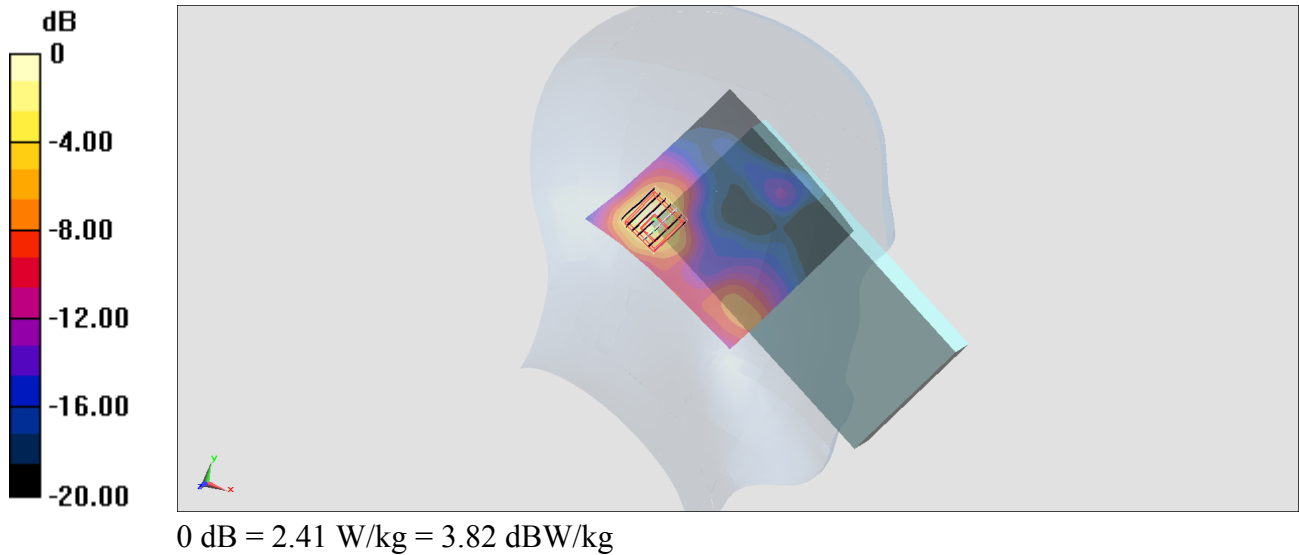
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 20.75 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 3.76 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.342 W/kg

Maximum value of SAR (measured) = 2.41 W/kg



#04_WLAN5GHz_802.11a 6Mbps_Left Cheek_Ch157

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.153

Medium: HSL_5G_180604 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.097$ S/m; $\epsilon_r = 36.467$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(5.04, 5.04, 5.04); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017/12/4
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

Area Scan (101x101x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.58 W/kg

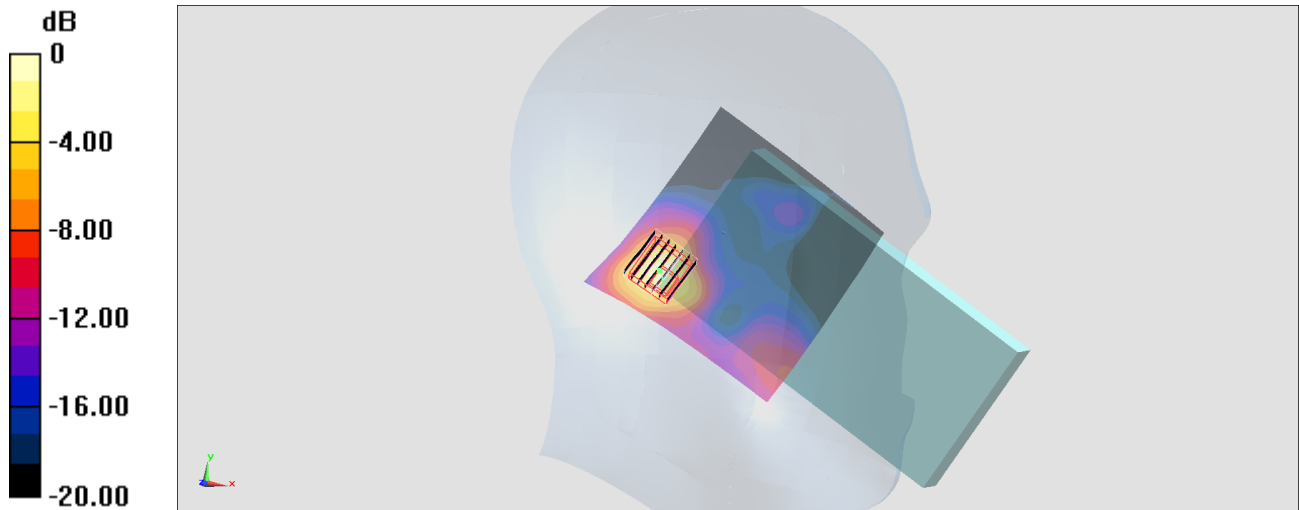
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 19.18 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 2.88 W/kg

SAR(1 g) = 0.825 W/kg; SAR(10 g) = 0.269 W/kg

Maximum value of SAR (measured) = 1.82 W/kg



0 dB = 1.82 W/kg = 2.60 dBW/kg

#05_WLAN2.4GHz_802.11b 1Mbps_Left Side_0mm_Ch11

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1.029

Medium: MSL_2450_180603 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.002$ S/m; $\epsilon_r = 54.737$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.78, 7.78, 7.78); Calibrated: 2018/2/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 7.68 W/kg

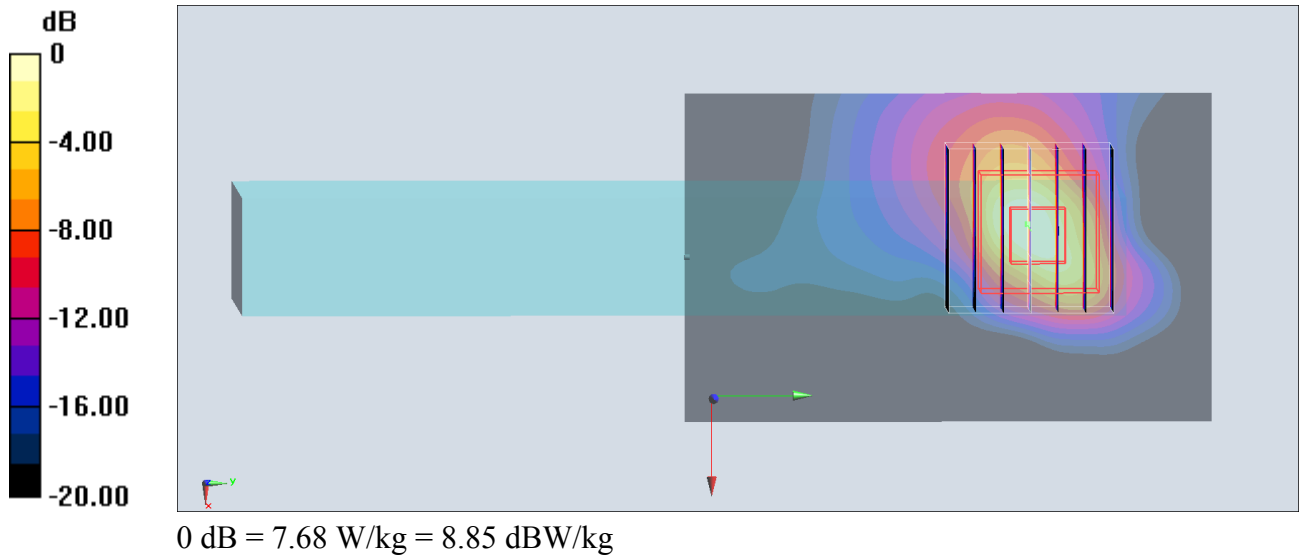
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 58.83 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 11.1 W/kg

SAR(1 g) = 4.27 W/kg; SAR(10 g) = 1.55 W/kg

Maximum value of SAR (measured) = 7.91 W/kg



#06_WLAN5GHz_802.11a 6Mbps_Front_0mm_Ch60

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.153

Medium: MSL_5G_180602 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.359$ S/m; $\epsilon_r = 47.341$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.7, 4.7, 4.7); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2017/11/2
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

Area Scan (121x101x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 3.86 W/kg

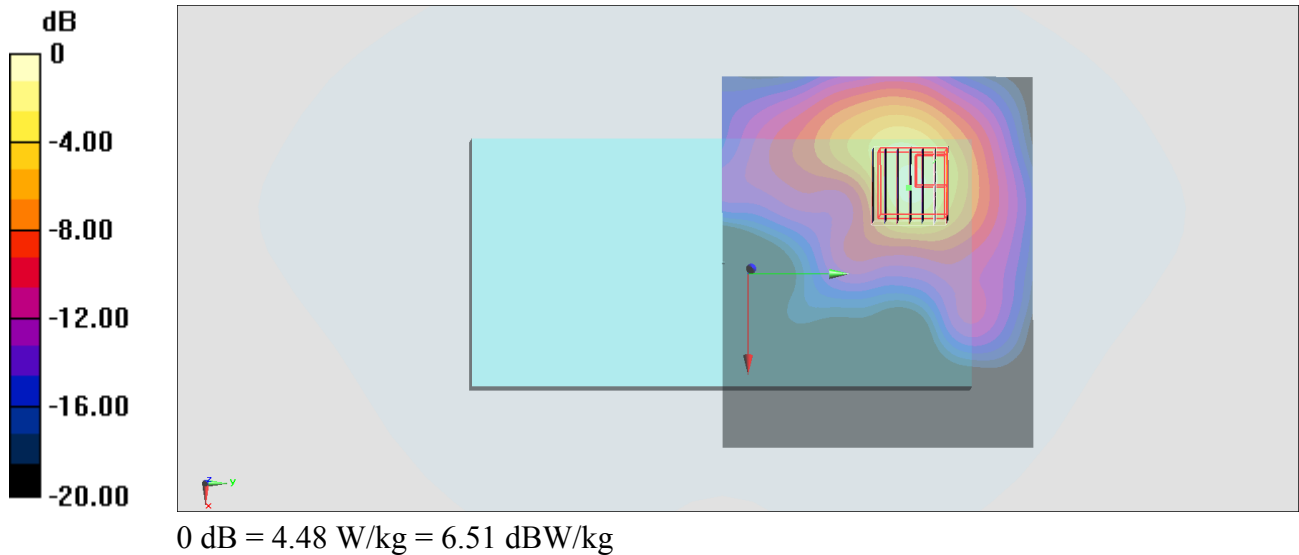
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 30.11 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 7.99 W/kg

SAR(1 g) = 1.89 W/kg; SAR(10 g) = 0.687 W/kg

Maximum value of SAR (measured) = 4.48 W/kg



#07_WLAN5GHz_802.11a 6Mbps_Left Side_0mm_Ch132

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1.153

Medium: MSL_5G_180602 Medium parameters used: $f = 5660$ MHz; $\sigma = 5.829$ S/m; $\epsilon_r = 46.707$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(3.99, 3.99, 3.99); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2017/11/2
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

Area Scan (61x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 3.86 W/kg

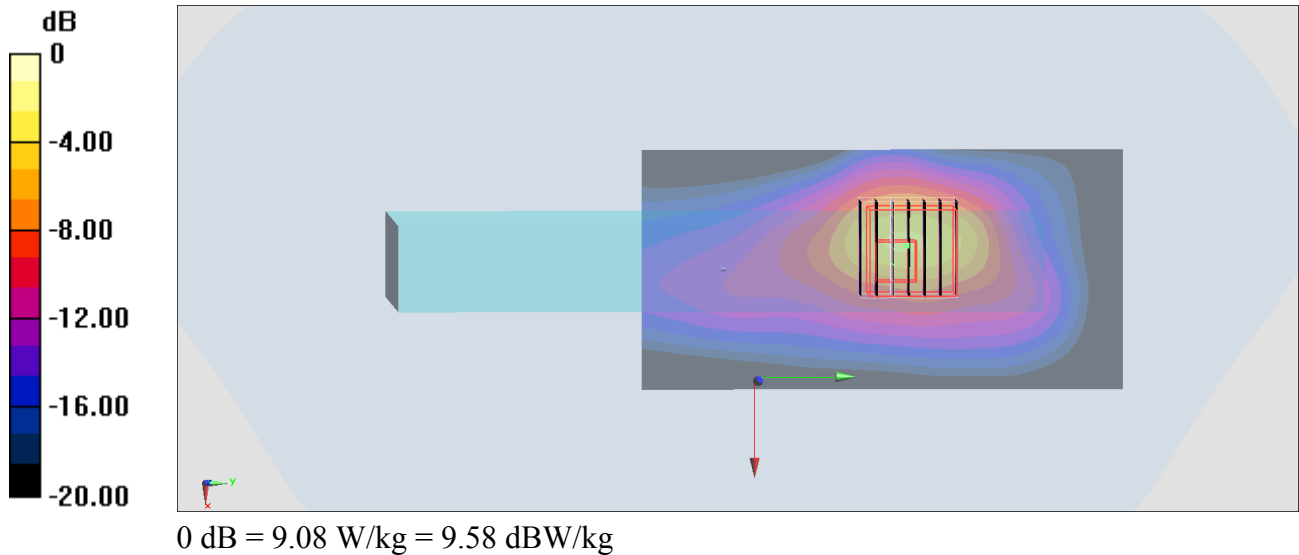
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 40.30 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 15.9 W/kg

SAR(1 g) = 3.37 W/kg; SAR(10 g) = 0.948 W/kg

Maximum value of SAR (measured) = 9.08 W/kg



#08_WLAN5GHz_802.11a 6Mbps_Left Side_0mm_Ch157

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.153

Medium: MSL_5G_180602 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.004$ S/m; $\epsilon_r = 46.517$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.32, 4.32, 4.32); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2017/11/2
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

Area Scan (61x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 5.07 W/kg

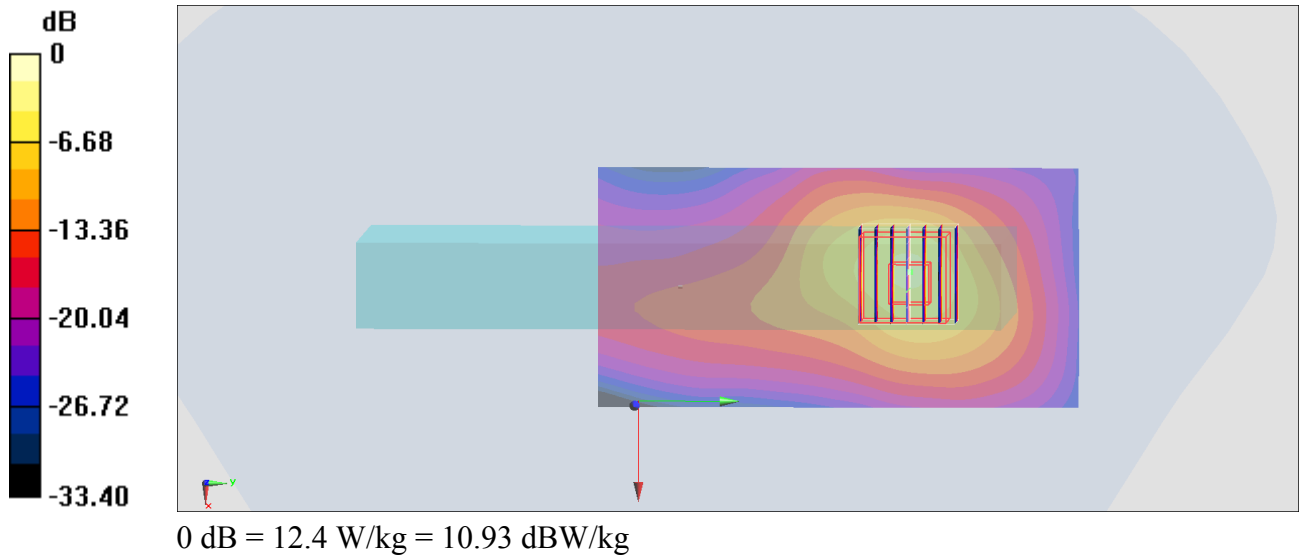
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 35.57 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 24.2 W/kg

SAR(1 g) = 4.38 W/kg; SAR(10 g) = 1.13 W/kg

Maximum value of SAR (measured) = 12.4 W/kg



#09_WLAN2.4GHz_802.11b 1Mbps_Back_10mm_Ch11

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1.029

Medium: MSL_2450_180603 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.002$ S/m; $\epsilon_r = 54.737$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.78, 7.78, 7.78); Calibrated: 2018/2/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

Area Scan (91x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.31 W/kg

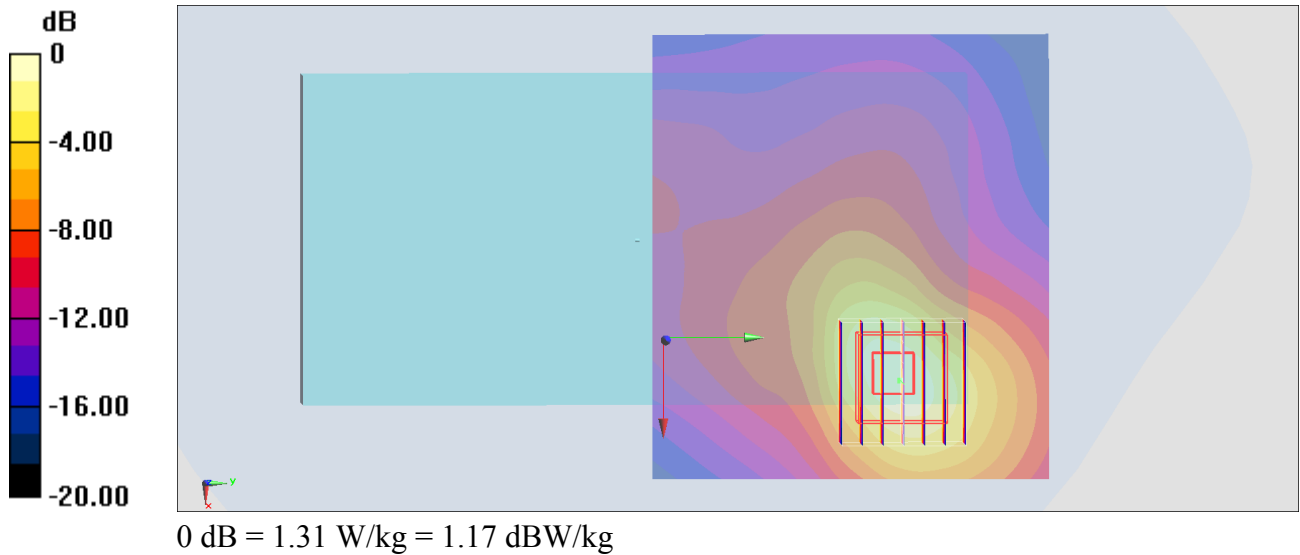
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.06 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.834 W/kg; SAR(10 g) = 0.422 W/kg

Maximum value of SAR (measured) = 1.30 W/kg



#10_WLAN5GHz_802.11a 6Mbps_Front_10mm_Ch60

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.153

Medium: MSL_5G_180605 Medium parameters used : $f = 5300$ MHz; $\sigma = 5.614$ S/m; $\epsilon_r = 47.125$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.92, 4.92, 4.92); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017/12/4
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

Area Scan (121x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.496 W/kg

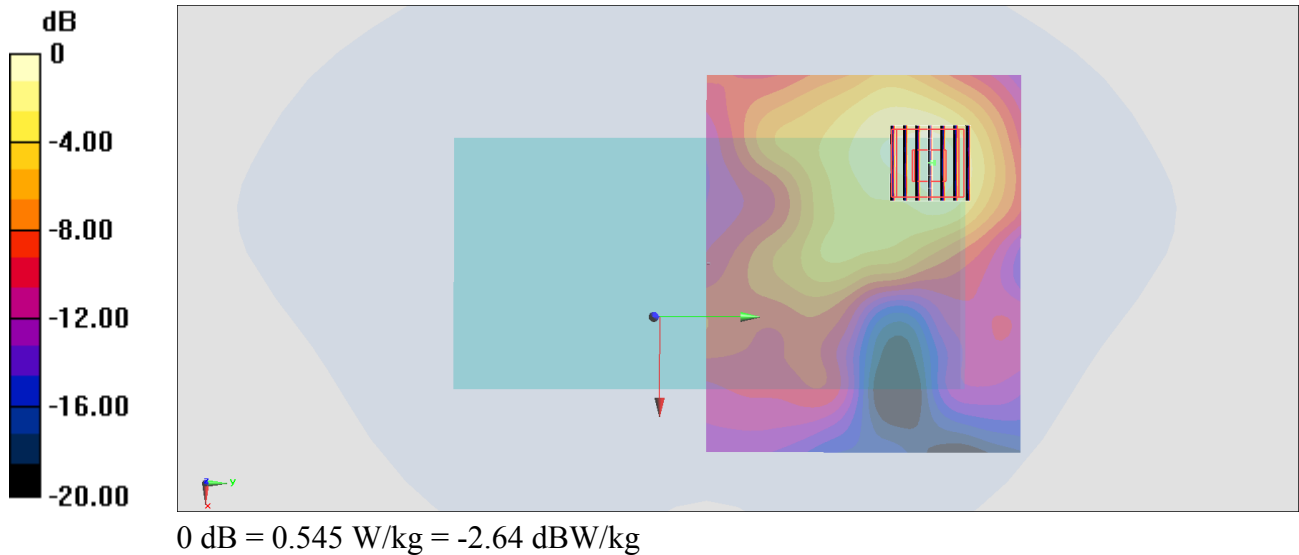
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.75 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.935 W/kg

SAR(1 g) = 0.249 W/kg; SAR(10 g) = 0.100 W/kg

Maximum value of SAR (measured) = 0.545 W/kg



#11_WLAN5GHz_802.11a 6Mbps_Front_10mm_Ch132

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1.153

Medium: MSL_5G_180802 Medium parameters used: $f = 5660$ MHz; $\sigma = 6.063$ S/m; $\epsilon_r = 48.522$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(3.84, 3.84, 3.84); Calibrated: 2018/6/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn917; Calibrated: 2017/12/14
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (71x101x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.639 W/kg

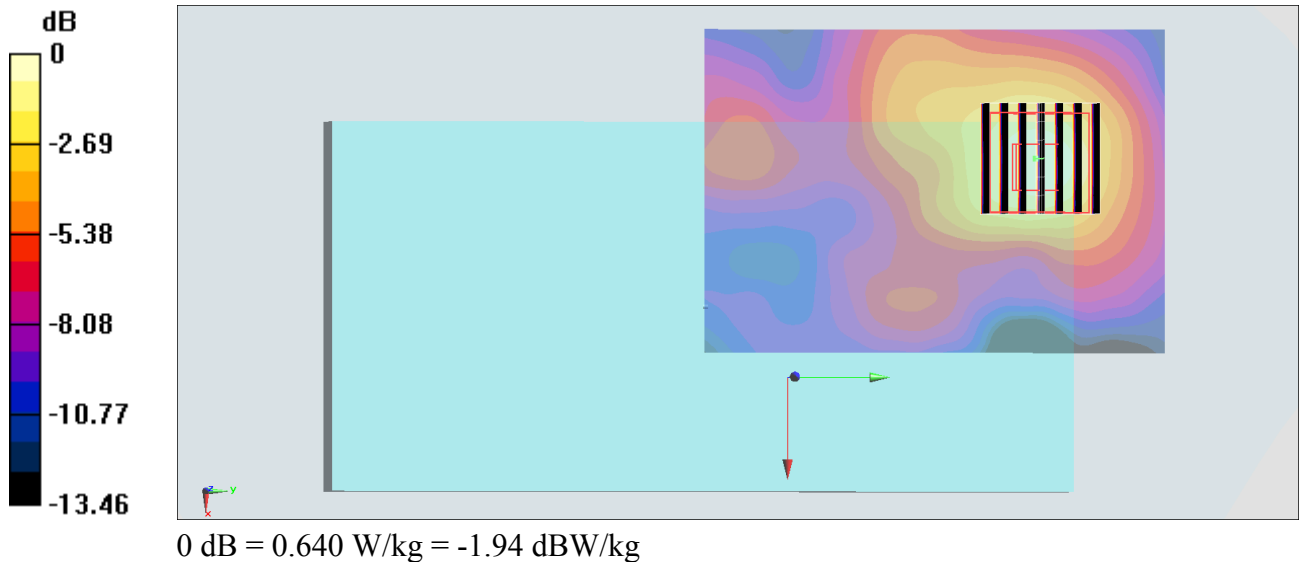
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 11.19 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.290 W/kg; SAR(10 g) = 0.112 W/kg

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



#12_WLAN5GHz_802.11a 6Mbps_Back_10mm_Ch165

Communication System: 802.11a ; Frequency: 5825 MHz;Duty Cycle: 1:1.153

Medium: MSL_5G_180802 Medium parameters used : $f = 5825$ MHz; $\sigma = 6.288$ S/m; $\epsilon_r = 48.252$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(3.94, 3.94, 3.94) ; Calibrated: 2018/6/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn917; Calibrated: 2017/12/14
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 1.15 W/kg

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

Reference Value = 14.52 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 0.520 W/kg; SAR(10 g) = 0.209 W/kg

Maximum value of SAR (measured) = 1.16 W/kg

