

WiFi 2.4GHz

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 2437 \text{ MHz}$; $\sigma = 1.869 \text{ S/m}$; $\epsilon_r = 38.874$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/7/2013
- Probe: EX3DV4 - SN3929; ConvF(6.94, 6.94, 6.94); Calibrated: 6/24/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: TP 1751

LHS/Tilt_802.11b_ch 6/Area Scan (10x15x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.623 W/kg

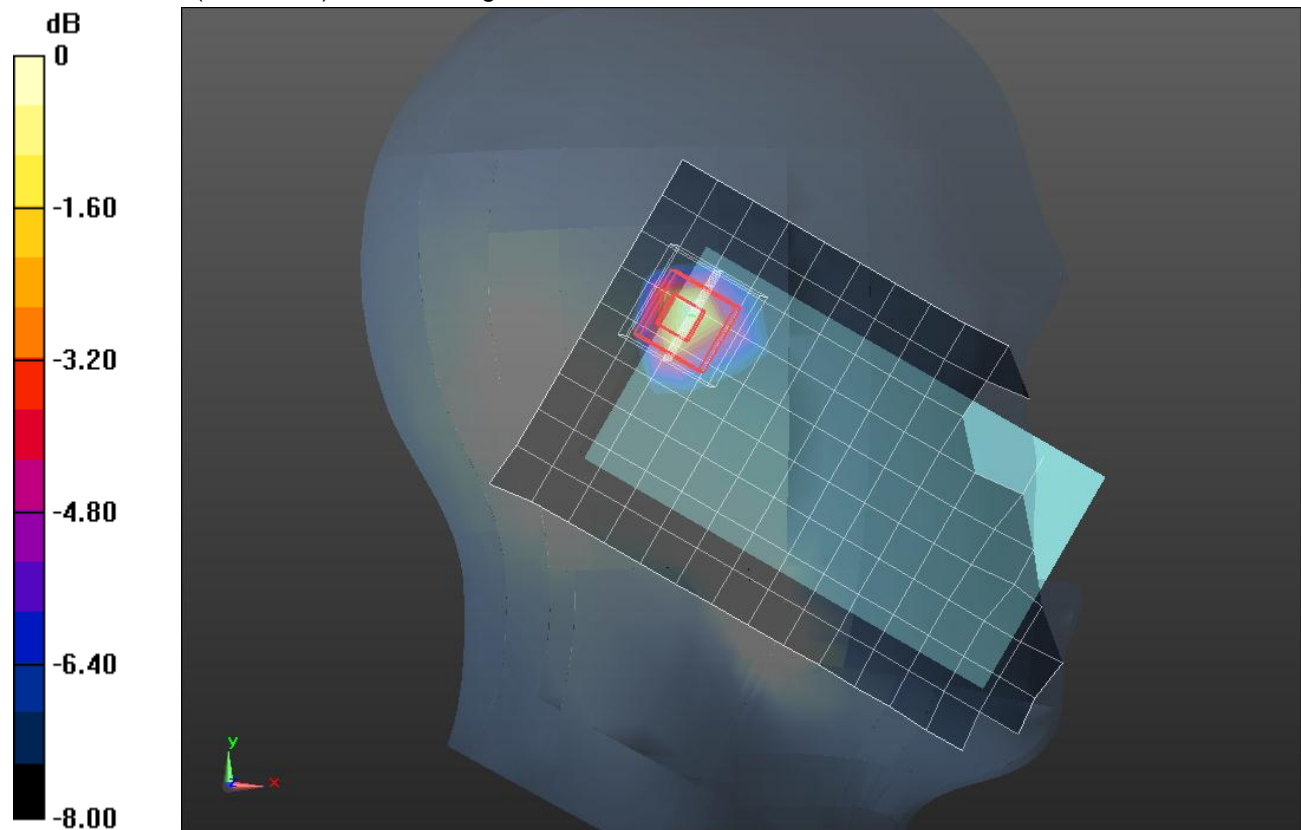
LHS/Tilt_802.11b_ch 6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.488 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.989 W/kg

SAR(1 g) = 0.424 W/kg; SAR(10 g) = 0.178 W/kg

Maximum value of SAR (measured) = 0.614 W/kg



0 dB = 0.614 W/kg = -2.12 dBW/kg

802.11ac WiFi 2.4 GHz

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.869$ S/m; $\epsilon_r = 38.874$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/7/2013
- Probe: EX3DV4 - SN3929; ConvF(6.94, 6.94, 6.94); Calibrated: 6/24/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: TP 1751

LHS/Tilt_802.11ac_ch 6/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.219 W/kg

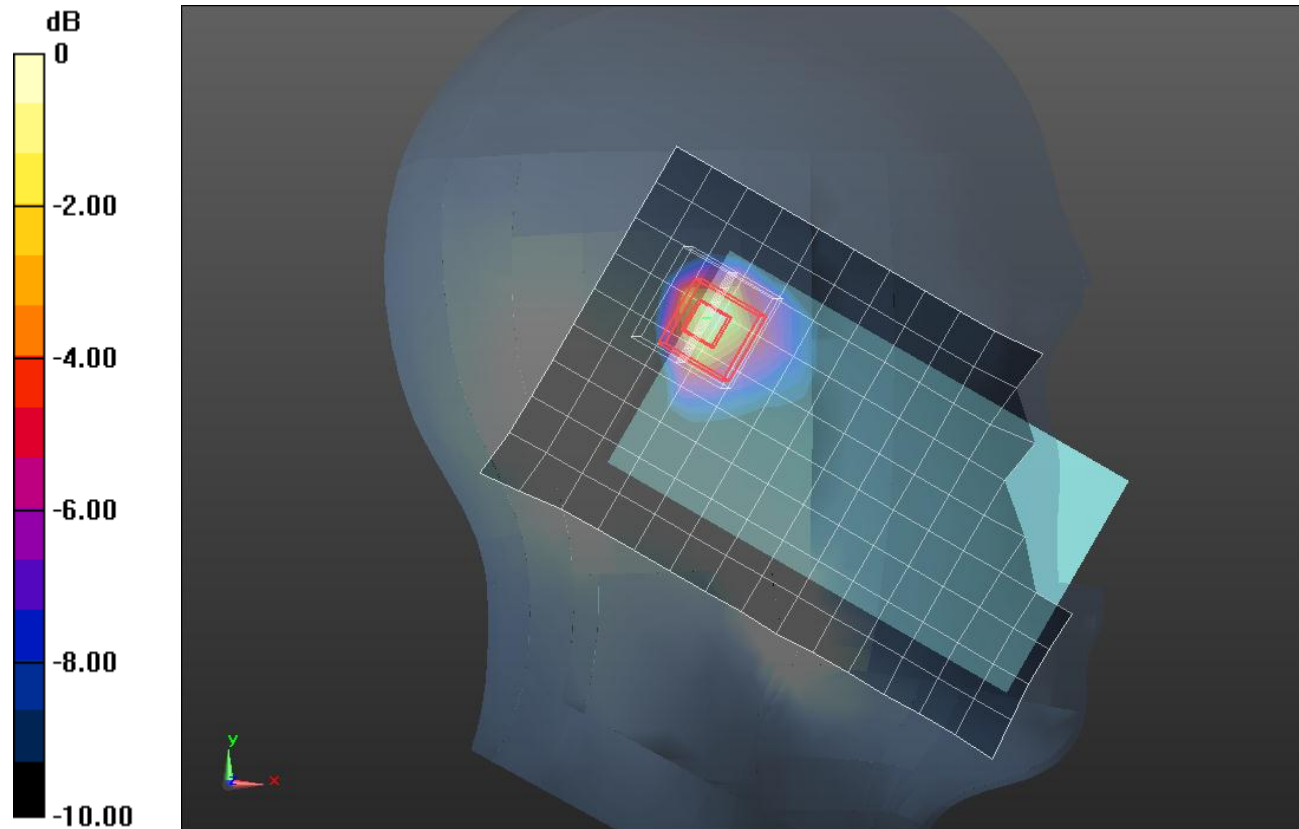
LHS/Tilt_802.11ac_ch 6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.276 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.378 W/kg

SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.067 W/kg

Maximum value of SAR (measured) = 0.239 W/kg



0 dB = 0.239 W/kg = -6.22 dBW/kg

WiFi 2.4GHz

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.968$ S/m; $\epsilon_r = 51.746$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/7/2013
- Probe: EX3DV4 - SN3929; ConvF(6.66, 6.66, 6.66); Calibrated: 6/24/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-B v5.0; Type: QDOVA002AA; Serial: TP:1195

Rear/802.11b_ch 6/Area Scan (9x14x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.218 W/kg

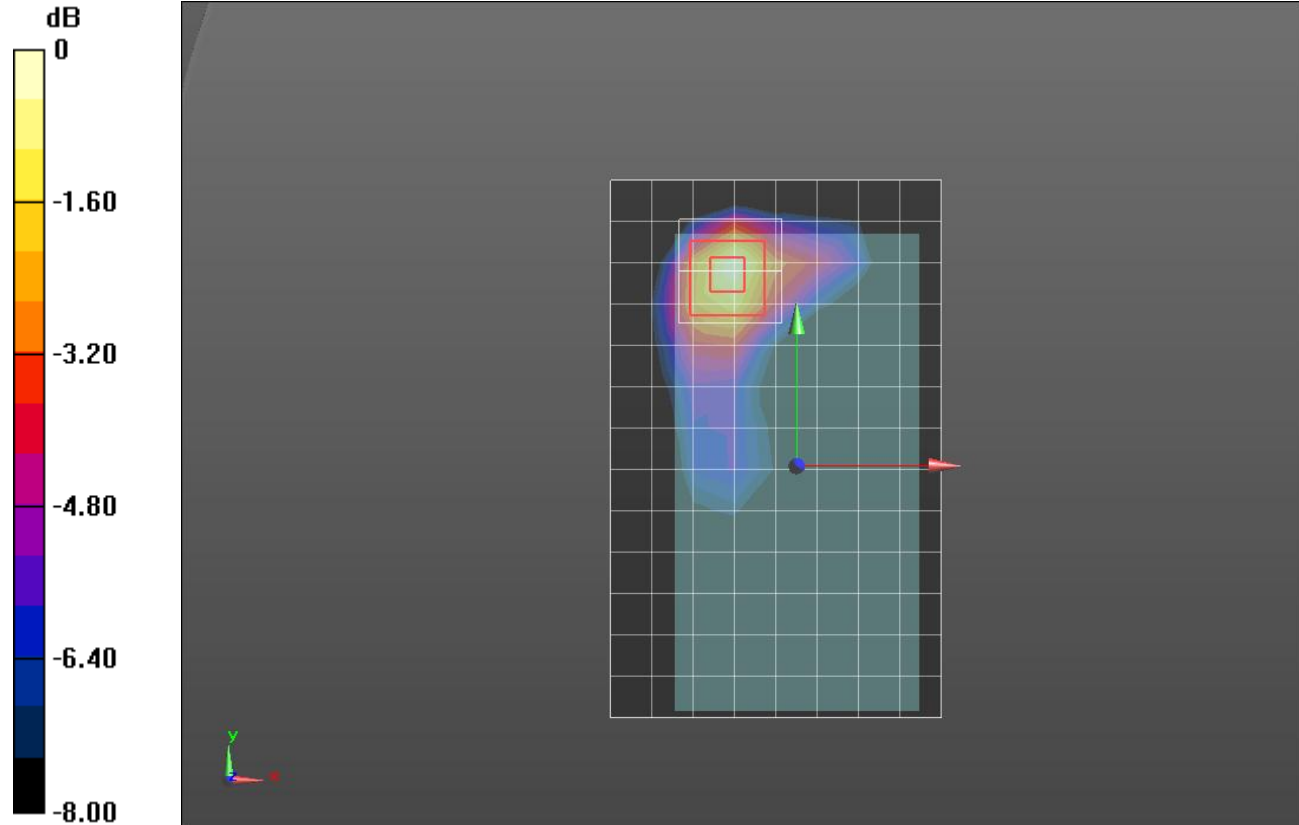
Rear/802.11b_ch 6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.288 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.298 W/kg

SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.075 W/kg

Maximum value of SAR (measured) = 0.212 W/kg



0 dB = 0.212 W/kg = -6.74 dBW/kg

802.11ac WiFi 2.4 GHz

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 2437 \text{ MHz}$; $\sigma = 1.968 \text{ S/m}$; $\epsilon_r = 51.746$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/7/2013
- Probe: EX3DV4 - SN3929; ConvF(6.66, 6.66, 6.66); Calibrated: 6/24/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-B v5.0; Type: QDOVA002AA; Serial: TP:1195

Rear/802.11ac_ch 6/Area Scan (9x14x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.115 W/kg

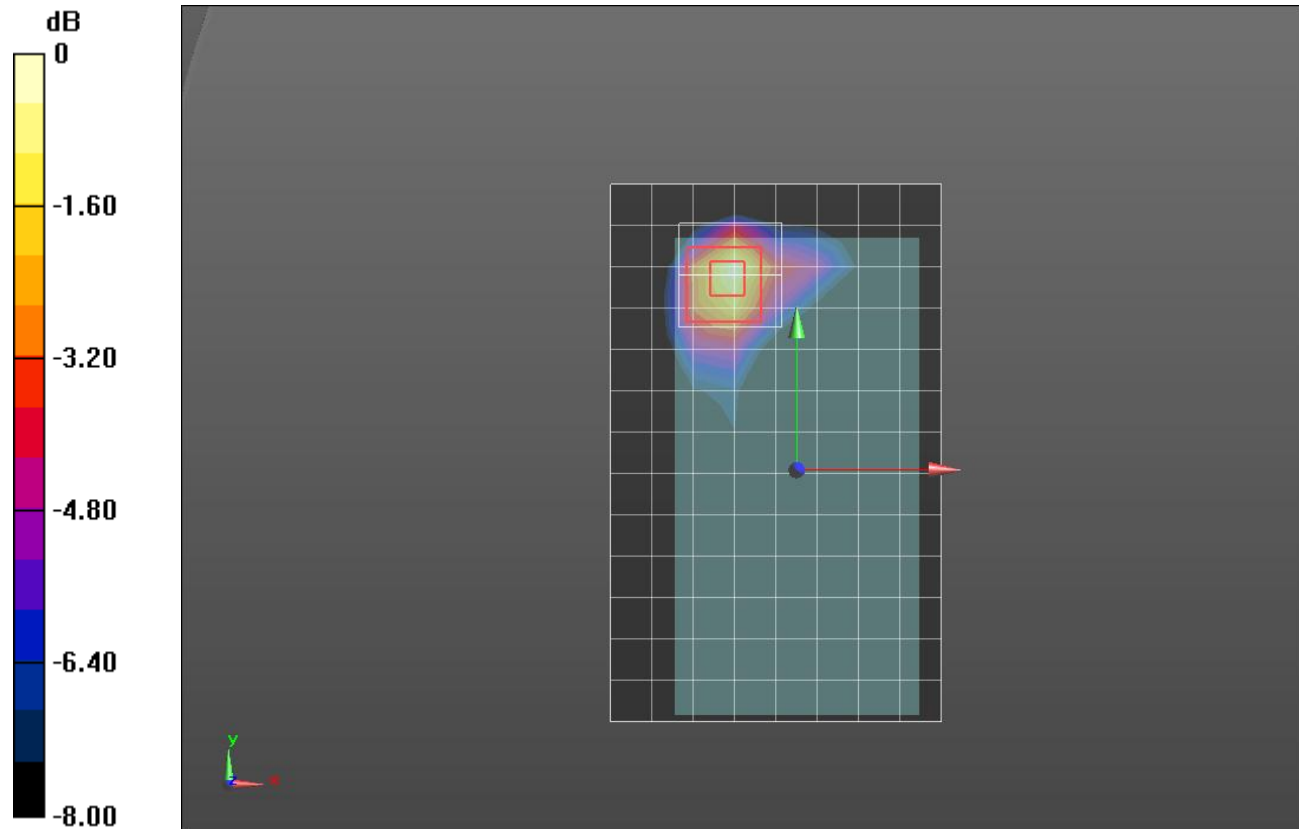
Rear/802.11ac_ch 6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.633 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.167 W/kg

SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.038 W/kg

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



0 dB = 0.116 W/kg = -9.36 dBW/kg

802.11a WiFi 5.2 GHz

Frequency: 5180 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.745 \text{ S/m}$; $\epsilon_r = 36.815$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/7/2013
- Probe: EX3DV4 - SN3929; ConvF(4.83, 4.83, 4.83); Calibrated: 6/24/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: TP 1751

LHS/Tilt_802.11a_ch 36/Area Scan (12x20x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.229 W/kg

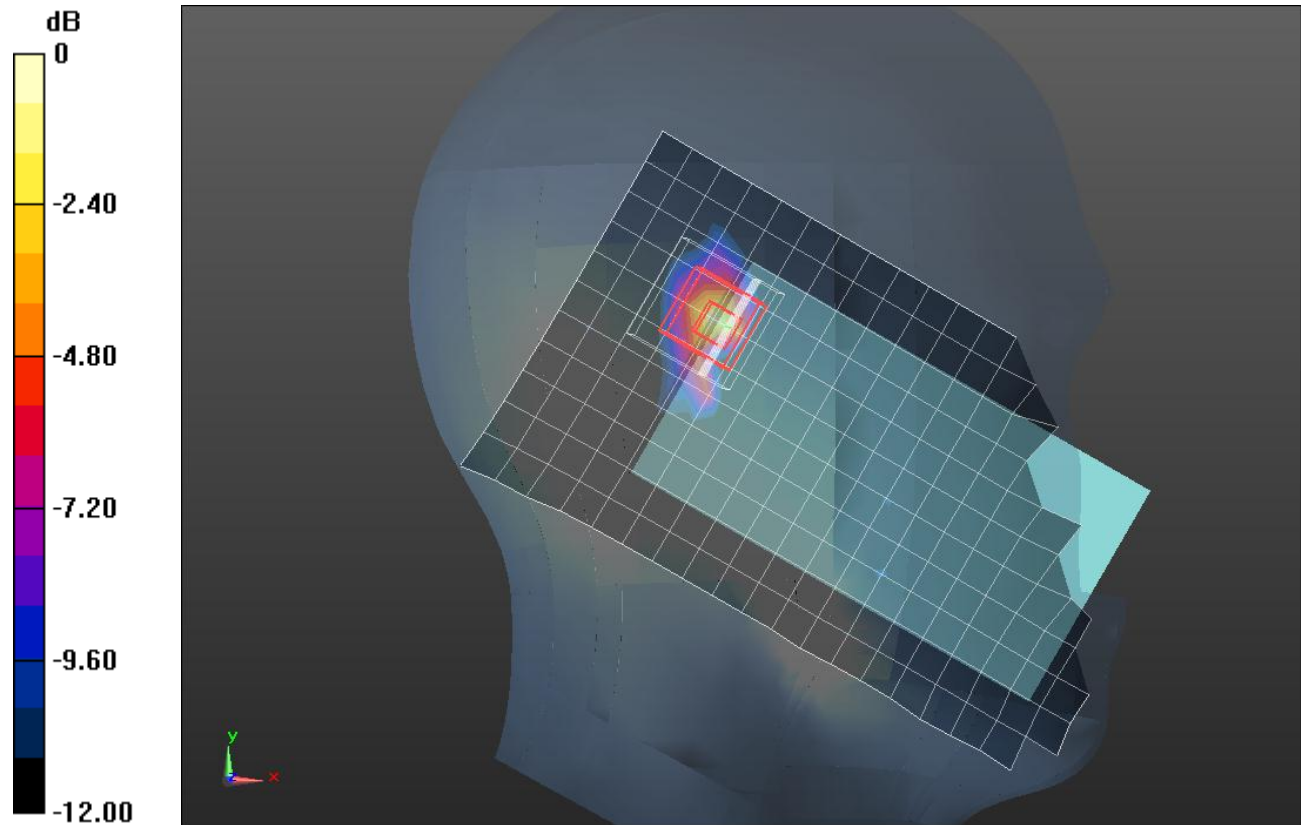
LHS/Tilt_802.11a_ch 36/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.707 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.468 W/kg

SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.027 W/kg

Maximum value of SAR (measured) = 0.240 W/kg



0 dB = 0.240 W/kg = -6.20 dBW/kg

802.11a WiFi 5.3 GHz

Frequency: 5260 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5260 \text{ MHz}$; $\sigma = 4.816 \text{ S/m}$; $\epsilon_r = 36.549$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/7/2013
- Probe: EX3DV4 - SN3929; ConvF(4.6, 4.6, 4.6); Calibrated: 6/24/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: TP 1751

RHS/Tilt_802.11a_ch 52/Area Scan (12x20x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.125 W/kg

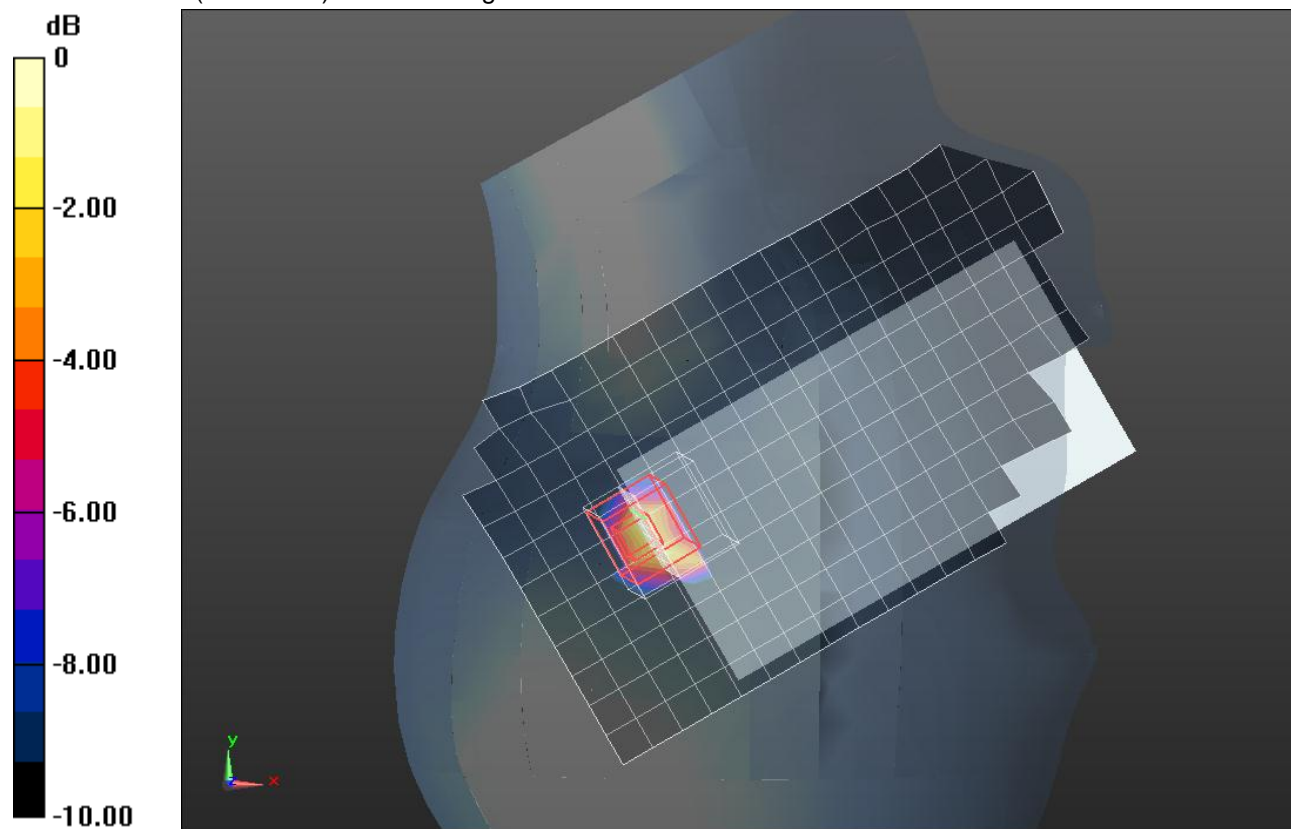
RHS/Tilt_802.11a_ch 52/Zoom Scan (8x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.516 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.030 W/kg

Maximum value of SAR (measured) = 0.155 W/kg



0 dB = 0.155 W/kg = -8.10 dBW/kg

802.11a WiFi 5.5 GHz

Frequency: 5500 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5500 \text{ MHz}$; $\sigma = 5.072 \text{ S/m}$; $\epsilon_r = 36.016$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/7/2013
- Probe: EX3DV4 - SN3929; ConvF(4.56, 4.56, 4.56); Calibrated: 6/24/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: TP 1751

RHS/Tilt_802.11a_ch 100/Area Scan (12x20x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 0.0900 W/kg

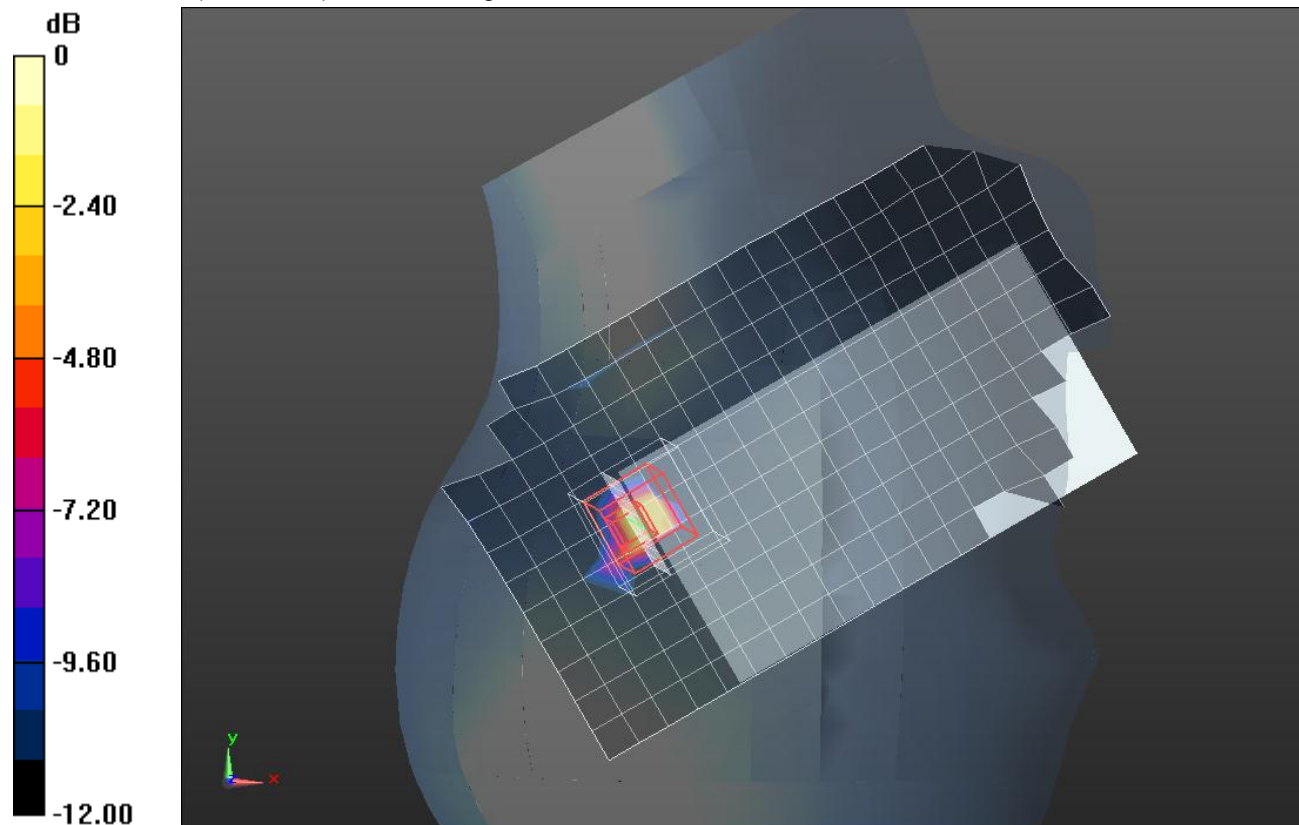
RHS/Tilt_802.11a_ch 100/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.398 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.489 W/kg

SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.139 W/kg



0 dB = 0.139 W/kg = -8.57 dBW/kg

802.11a WiFi 5.8 GHz

Frequency: 5745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.335 \text{ S/m}$; $\epsilon_r = 35.566$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/7/2013
- Probe: EX3DV4 - SN3929; ConvF(4.2, 4.2, 4.2); Calibrated: 6/24/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: TP 1751

RHS/Touch_802.11a_ch 149/Area Scan (11x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0821 W/kg

RHS/Touch_802.11a_ch 149/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm,

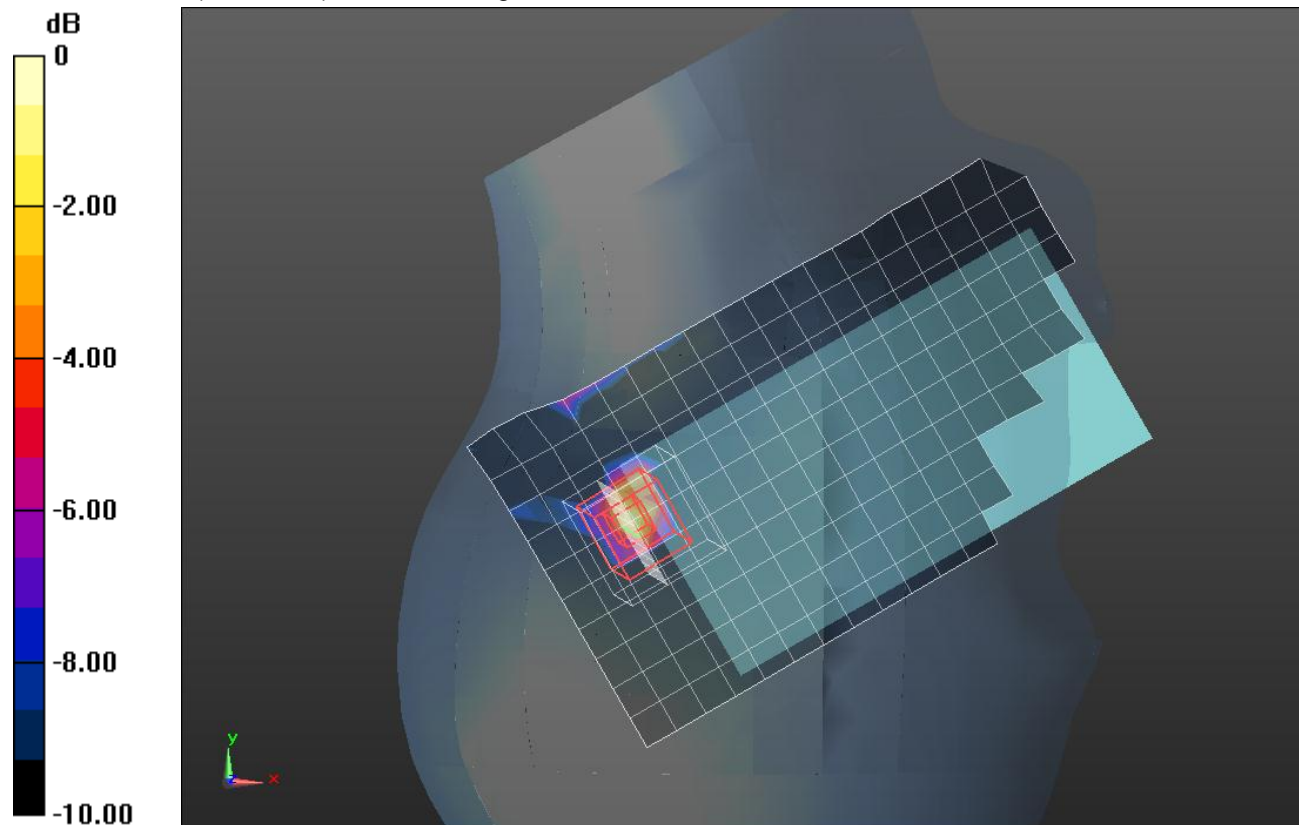
dz=2mm

Reference Value = 4.004 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.534 W/kg

SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.017 W/kg

Maximum value of SAR (measured) = 0.0955 W/kg



0 dB = 0.0955 W/kg = -10.20 dBW/kg

802.11ac WiFi 5.2 GHz

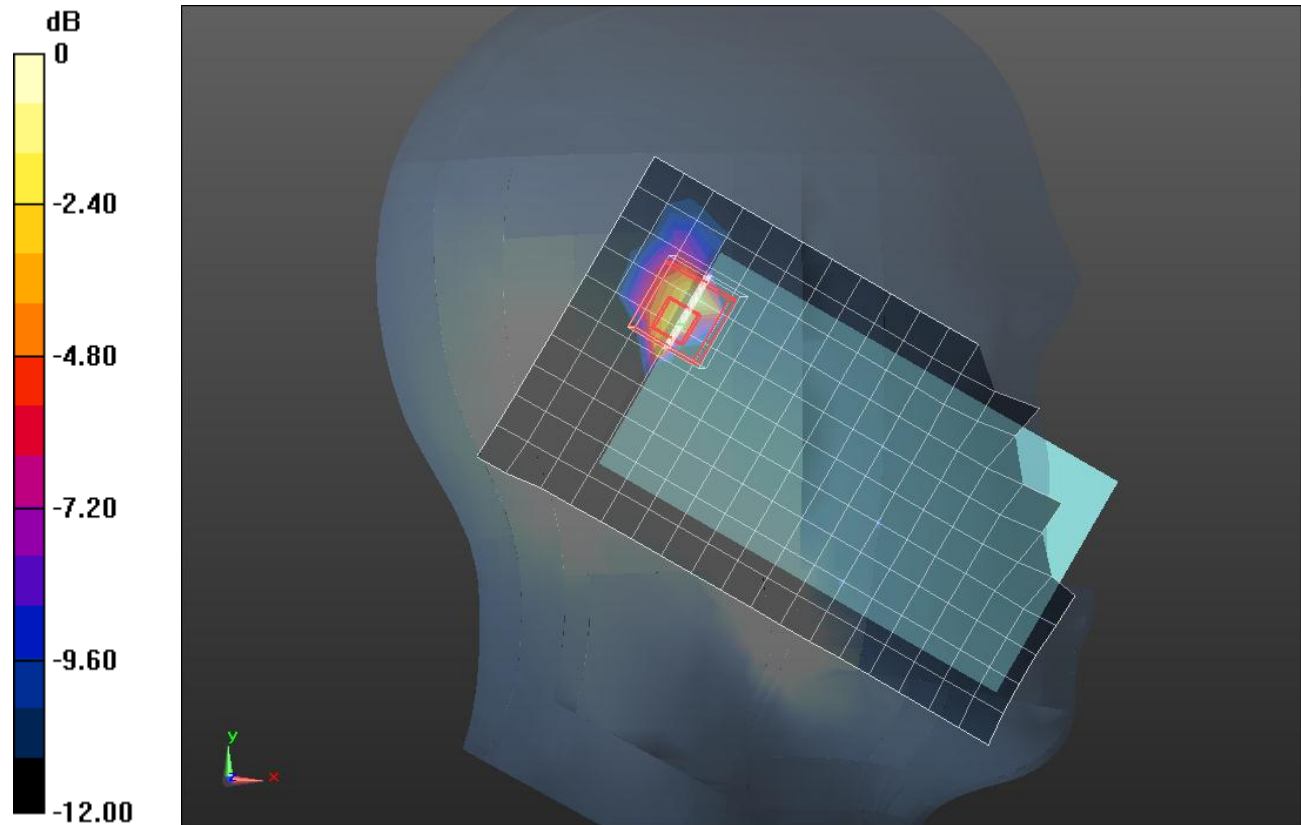
Frequency: 5180 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.745 \text{ S/m}$; $\epsilon_r = 36.815$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/7/2013
- Probe: EX3DV4 - SN3929; ConvF(4.83, 4.83, 4.83); Calibrated: 6/24/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: TP 1751

LHS/Tilt_802.11ac_ch 36/Area Scan (11x18x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 0.0996 W/kg

LHS/Tilt_802.11ac_ch 36/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 3.472 V/m; Power Drift = 0.19 dB
 Peak SAR (extrapolated) = 0.593 W/kg
SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.014 W/kg
 Maximum value of SAR (measured) = 0.130 W/kg



0 dB = 0.130 W/kg = -8.86 dBW/kg

WiFi 5.2 GHz

Frequency: 5180 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 5.231 \text{ S/m}$; $\epsilon_r = 47.946$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/7/2013
- Probe: EX3DV4 - SN3929; ConvF(4.28, 4.28, 4.28); Calibrated: 6/24/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI-A v5.0; Type: QDOVA002AA; Serial: TP 1194

Rear/802.11a_ch 36/Area Scan (11x18x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0637 W/kg

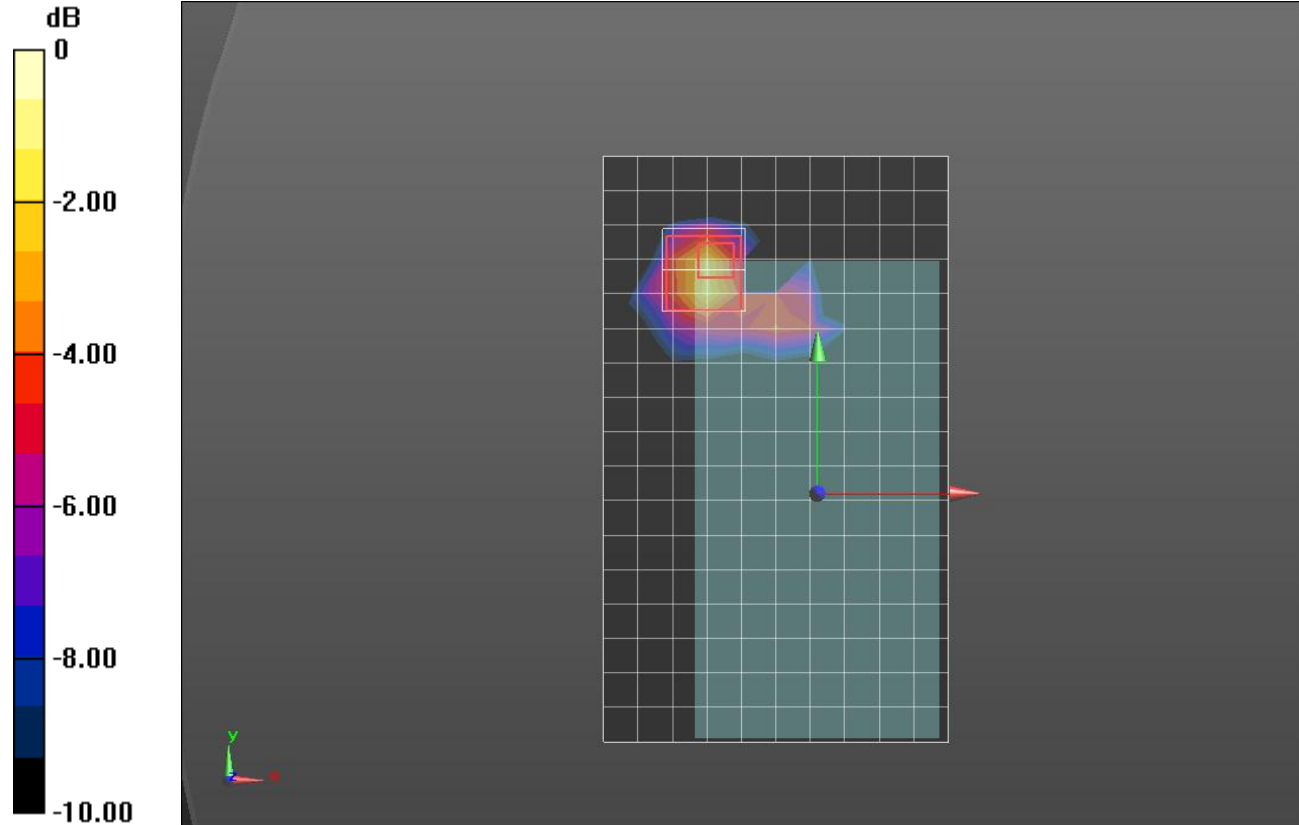
Rear/802.11a_ch 36/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.939 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.528 W/kg

SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.017 W/kg

Maximum value of SAR (measured) = 0.0917 W/kg



0 dB = 0.0917 W/kg = -10.38 dBW/kg

WiFi 5.3 GHz

Frequency: 5300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5300 \text{ MHz}$; $\sigma = 5.376 \text{ S/m}$; $\epsilon_r = 47.796$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/7/2013
- Probe: EX3DV4 - SN3929; ConvF(4.01, 4.01, 4.01); Calibrated: 6/24/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI-A v5.0; Type: QDOVA002AA; Serial: TP 1194

Rear/802.11a_ch 60/Area Scan (11x18x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0472 W/kg

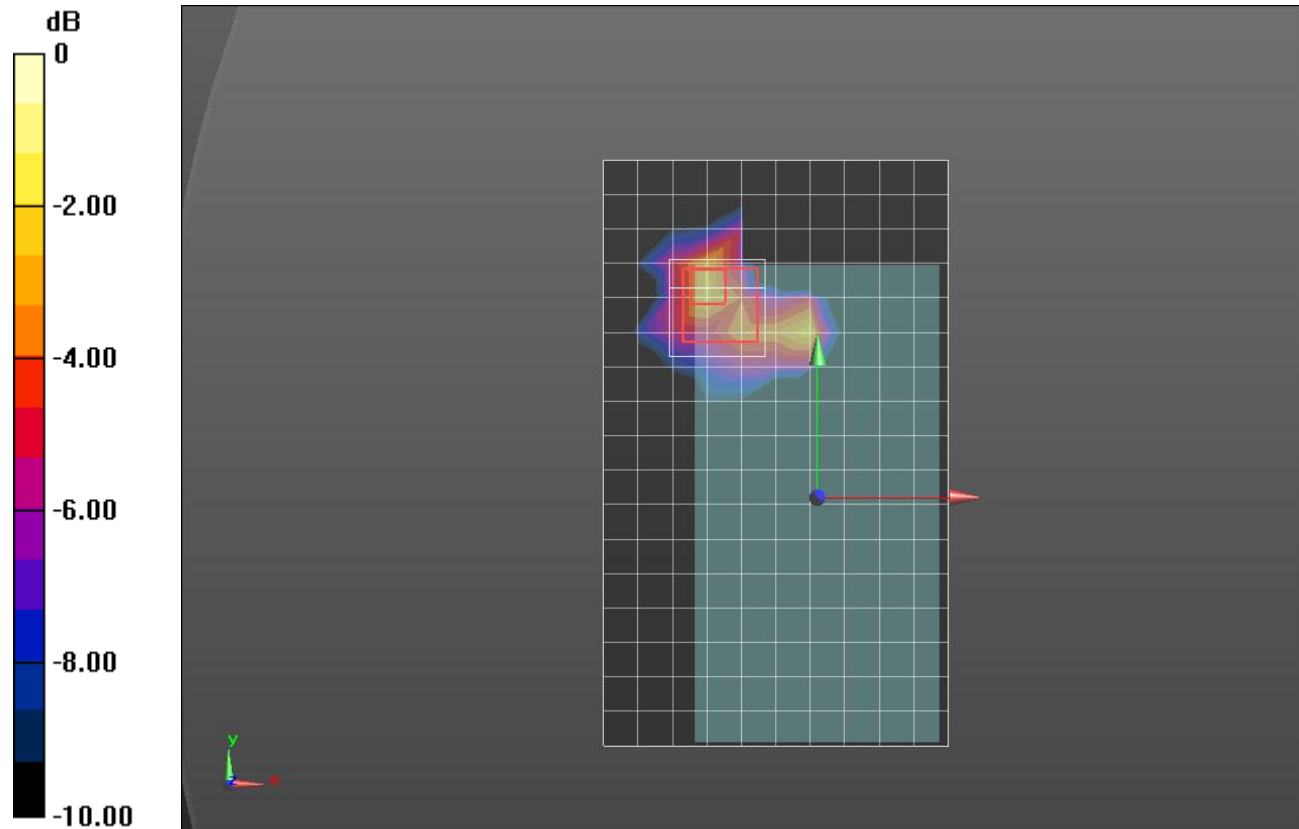
Rear/802.11a_ch 60/Zoom Scan (8x8x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.151 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.612 W/kg

SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.013 W/kg

Maximum value of SAR (measured) = 0.0764 W/kg



0 dB = 0.0764 W/kg = -11.17 dBW/kg

WiFi 5.5 GHz

Frequency: 5500 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5500 \text{ MHz}$; $\sigma = 5.639 \text{ S/m}$; $\epsilon_r = 47.462$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/7/2013
- Probe: EX3DV4 - SN3929; ConvF(3.68, 3.68, 3.68); Calibrated: 6/24/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI-A v5.0; Type: QDOVA002AA; Serial: TP 1194

Rear/802.11a_ch 100/Area Scan (11x18x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0440 W/kg

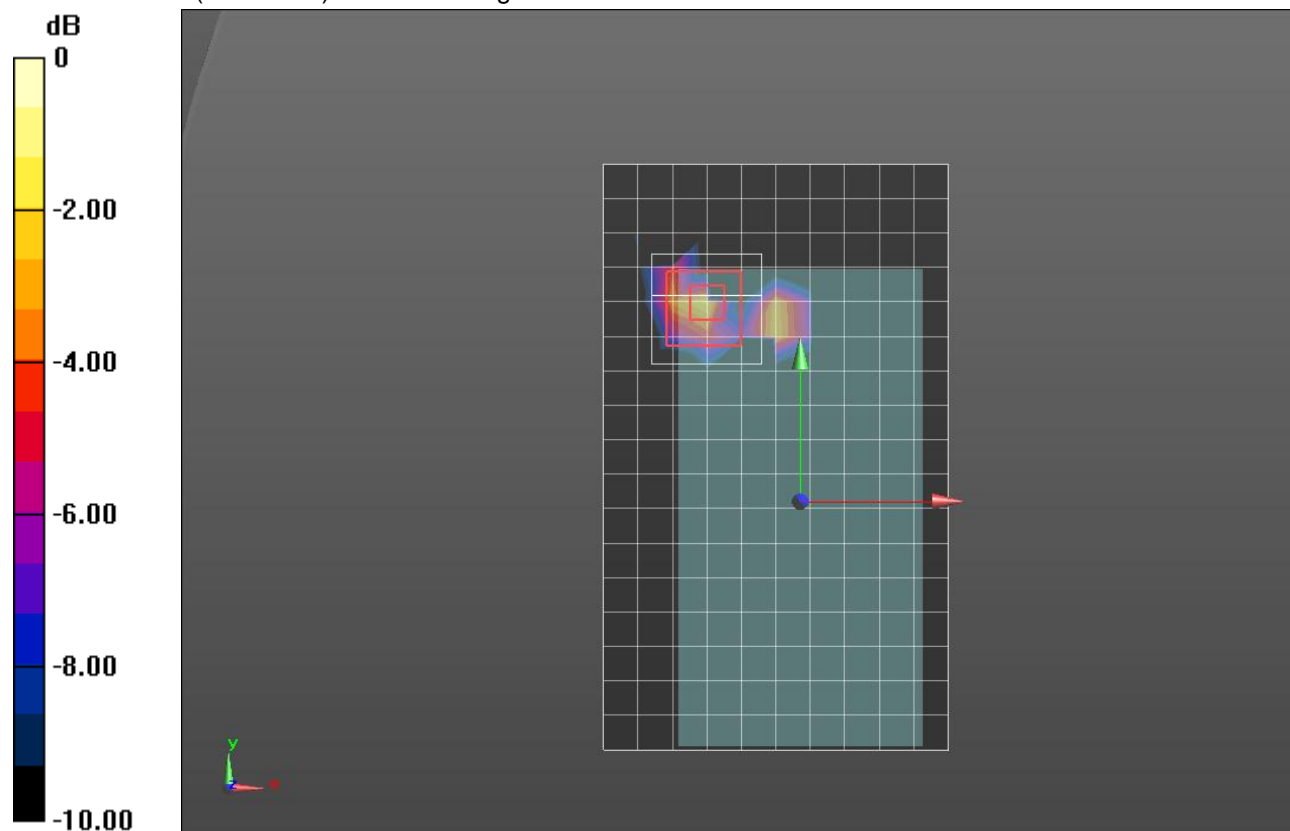
Rear/802.11a_ch 100/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.131 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.282 W/kg

SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.00735 W/kg

Maximum value of SAR (measured) = 0.0659 W/kg



0 dB = 0.0659 W/kg = -11.81 dBW/kg

WiFi 5.8 GHz

Frequency: 5745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.97 \text{ S/m}$; $\epsilon_r = 47.069$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/7/2013
- Probe: EX3DV4 - SN3929; ConvF(3.81, 3.81, 3.81); Calibrated: 6/24/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI-A v5.0; Type: QDOVA002AA; Serial: TP 1194

Rear/802.11a_ch 149/Area Scan (12x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0768 W/kg

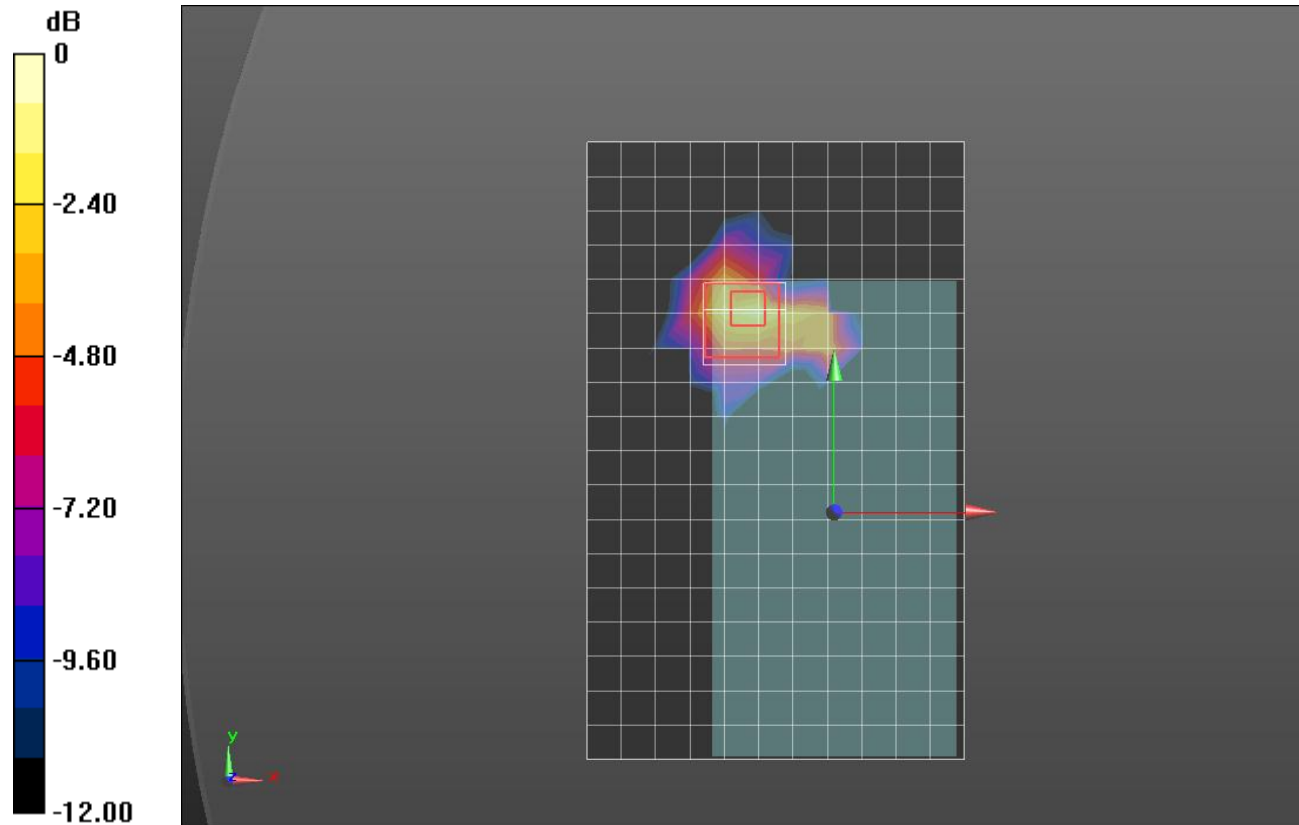
Rear/802.11a_ch 149/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.785 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.649 W/kg

SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.0992 W/kg



0 dB = 0.0992 W/kg = -10.03 dBW/kg

802.11ac WiFi 5.2 GHz

Frequency: 5180 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 5.231 \text{ S/m}$; $\epsilon_r = 47.946$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/7/2013
- Probe: EX3DV4 - SN3929; ConvF(4.28, 4.28, 4.28); Calibrated: 6/24/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI-A v5.0; Type: QDOVA002AA; Serial: TP 1194

Rear/802.11ac_ch 36/Area Scan (13x21x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0558 W/kg

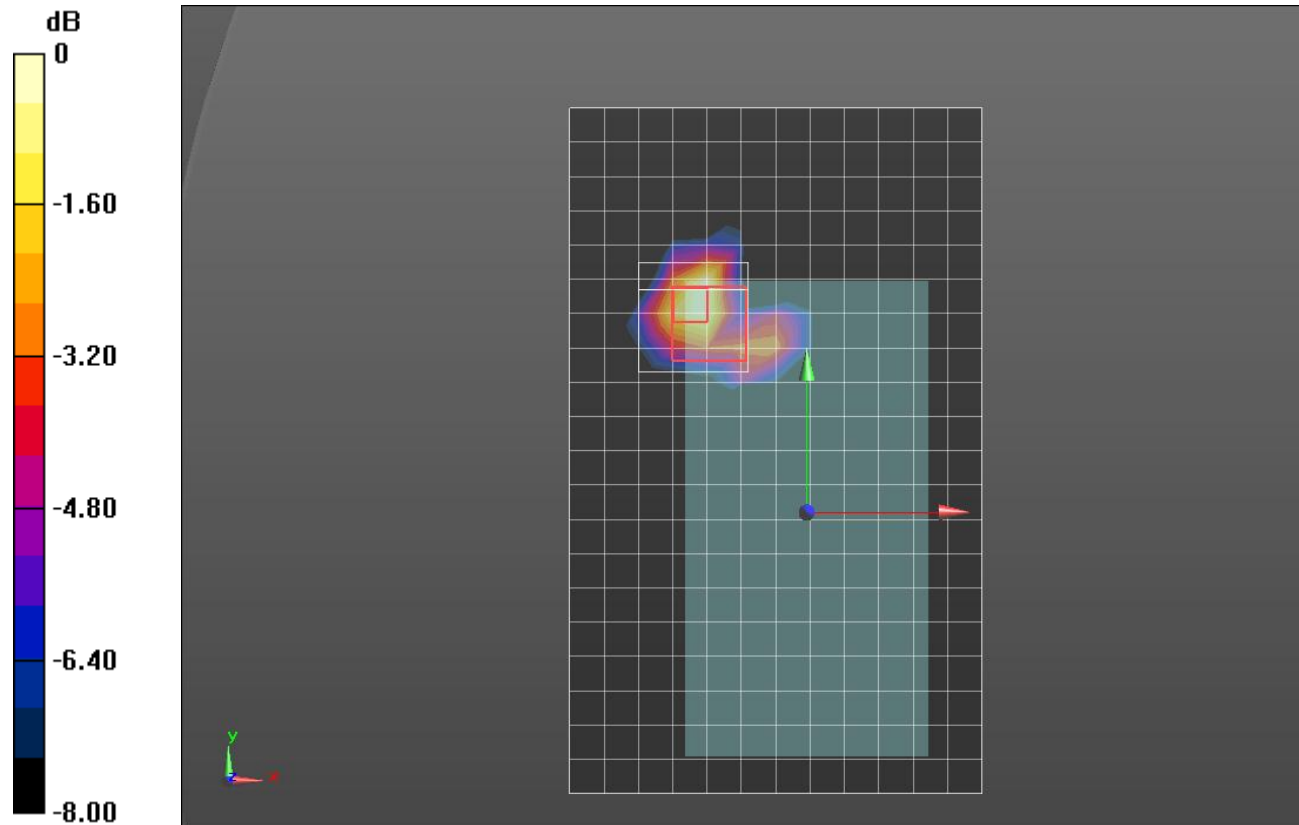
Rear/802.11ac_ch 36/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.160 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.474 W/kg

SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.00657 W/kg

Maximum value of SAR (measured) = 0.0571 W/kg



0 dB = 0.0571 W/kg = -12.43 dBW/kg