

BLE-1Mbps:

Test Laboratory: Audix SAR Lab

Date: 31/05/2023

CH0(2402MHz Bottom)

DUT: DELL Wireless Headset M/N: HS2403

Communication System: UID 0, Blue Tooth (0); Communication System Band: Mid;

Frequency: 2402 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2402$ MHz; $\sigma = 1.828$ S/m; $\epsilon_r = 38.913$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3166; ConvF(4.73, 4.73, 4.73); Calibrated: 27/06/2022;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH0(2402MHz Bottom)/Area Scan (61x61x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.00872 W/kg

Configuration/CH0(2402MHz Bottom)/Zoom Scan (5x5x7)/Cube 0:

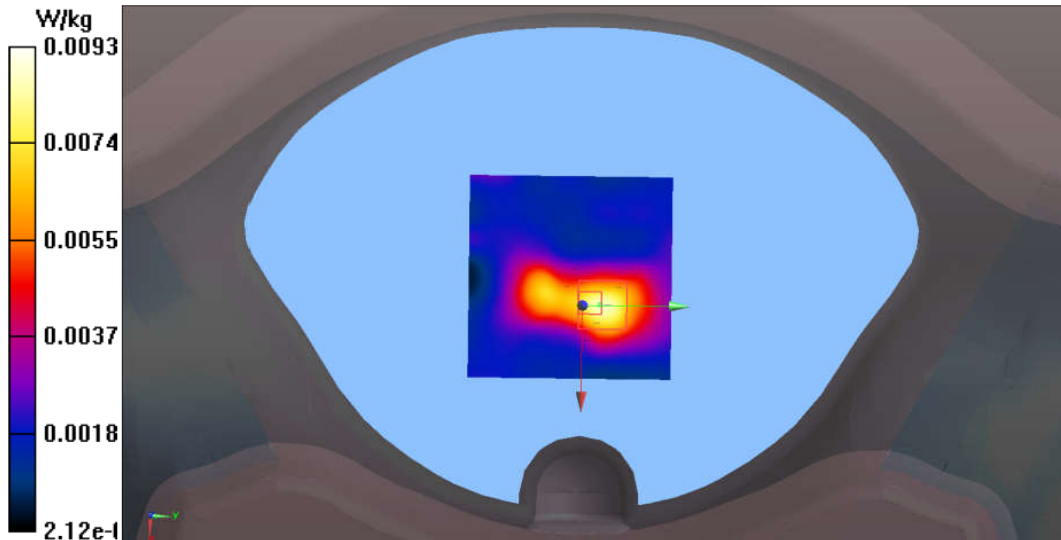
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 1.096 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.0170 W/kg

SAR(1 g) = 0.00828 W/kg; SAR(10 g) = 0.00455 W/kg

Maximum value of SAR (measured) = 0.00930 W/kg



Test Laboratory: Audix SAR Lab

Date: 31/05/2023

CH0(2402MHz Cochlea Side)

DUT: DELL Wireless Headset M/N: HS2403

Communication System: UID 0, Blue Tooth (0); Communication System Band: Mid;

Frequency: 2402 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2402 \text{ MHz}$; $\sigma = 1.828 \text{ S/m}$; $\epsilon_r = 38.913$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3166; ConvF(4.73, 4.73, 4.73); Calibrated: 27/06/2022;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH0(2402MHz Cochlea Side)/Area Scan (61x61x1): Interpolated

grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0695 W/kg

Configuration/CH0(2402MHz Cochlea Side)/Zoom Scan (5x5x7)/Cube 0:

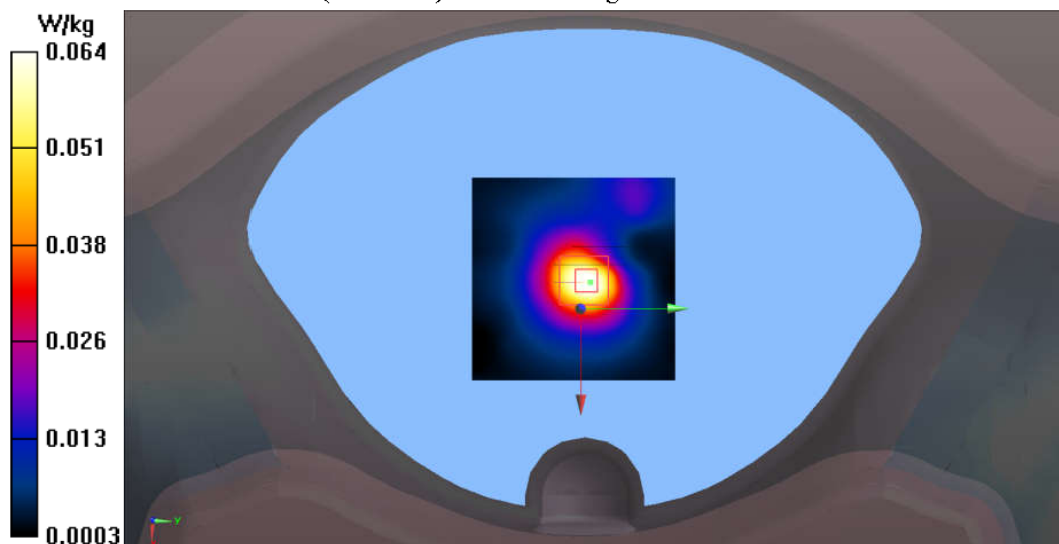
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.010 V/m ; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.124 W/kg

SAR(1 g) = 0.059 W/kg ; SAR(10 g) = 0.029 W/kg

Maximum value of SAR (measured) = 0.0635 W/kg



Test Laboratory: Audix SAR Lab

Date: 31/05/2023

CH0(2402MHz Front)

DUT: DELL Wireless Headset M/N: HS2403

Communication System: UID 0, Blue Tooth (0); Communication System Band: Mid;

Frequency: 2402 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2402$ MHz; $\sigma = 1.828$ S/m; $\epsilon_r = 38.913$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3166; ConvF(4.73, 4.73, 4.73); Calibrated: 27/06/2022;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH0(2402MHz Front)/Area Scan (61x61x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0692 W/kg

Configuration/CH0(2402MHz Front)/Zoom Scan (5x5x7)/Cube 0:

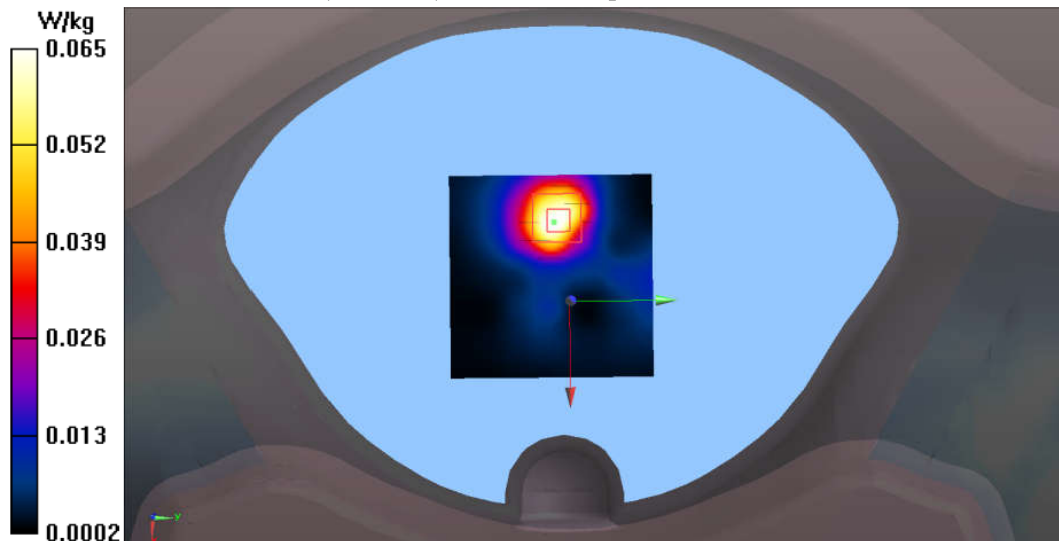
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.548 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.122 W/kg

SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.031 W/kg

Maximum value of SAR (measured) = 0.0648 W/kg



Test Laboratory: Audix SAR Lab

Date: 31/05/2023

CH0(2402MHz Left)

DUT: DELL Wireless Headset M/N: HS2403

Communication System: UID 0, Blue Tooth (0); Communication System Band: Mid;

Frequency: 2402 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2402$ MHz; $\sigma = 1.828$ S/m; $\epsilon_r = 38.913$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3166; ConvF(4.73, 4.73, 4.73); Calibrated: 27/06/2022;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH0(2402MHz Left)/Area Scan (61x61x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.00581 W/kg

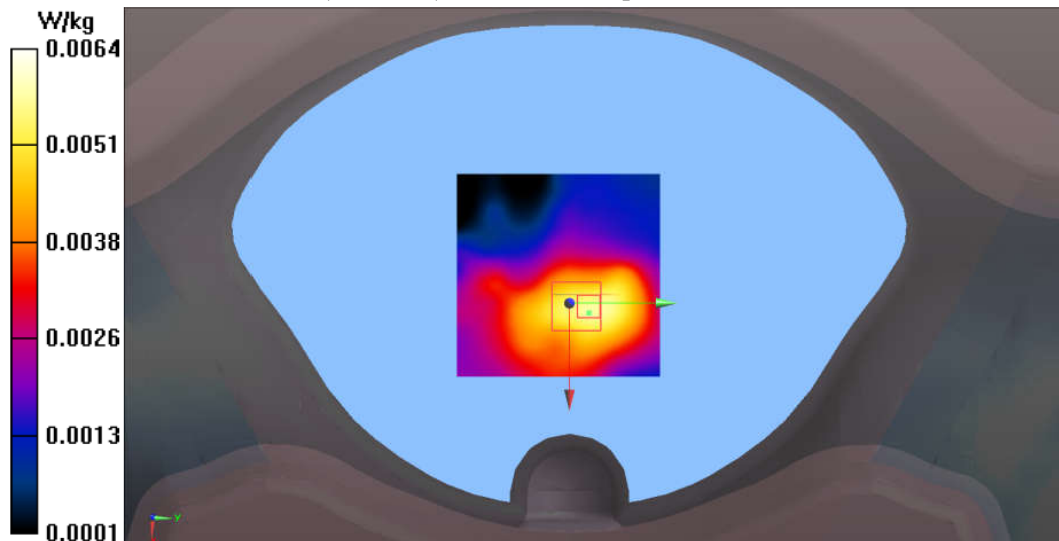
Configuration/CH0(2402MHz Left)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 1.106 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.0160 W/kg

SAR(1 g) = 0.00589 W/kg; SAR(10 g) = 0.00353 W/kg

Maximum value of SAR (measured) = 0.00641 W/kg



Test Laboratory: Audix SAR Lab

Date: 31/05/2023

CH0(2402MHz Right)

DUT: DELL Wireless Headset M/N: HS2403

Communication System: UID 0, Blue Tooth (0); Communication System Band: Mid;

Frequency: 2402 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2402$ MHz; $\sigma = 1.828$ S/m; $\epsilon_r = 38.913$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3166; ConvF(4.73, 4.73, 4.73); Calibrated: 27/06/2022;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH0(2402MHz Right)/Area Scan (61x61x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.369 W/kg

Configuration/CH0(2402MHz Right)/Zoom Scan (5x5x7)/Cube 0: Measurement

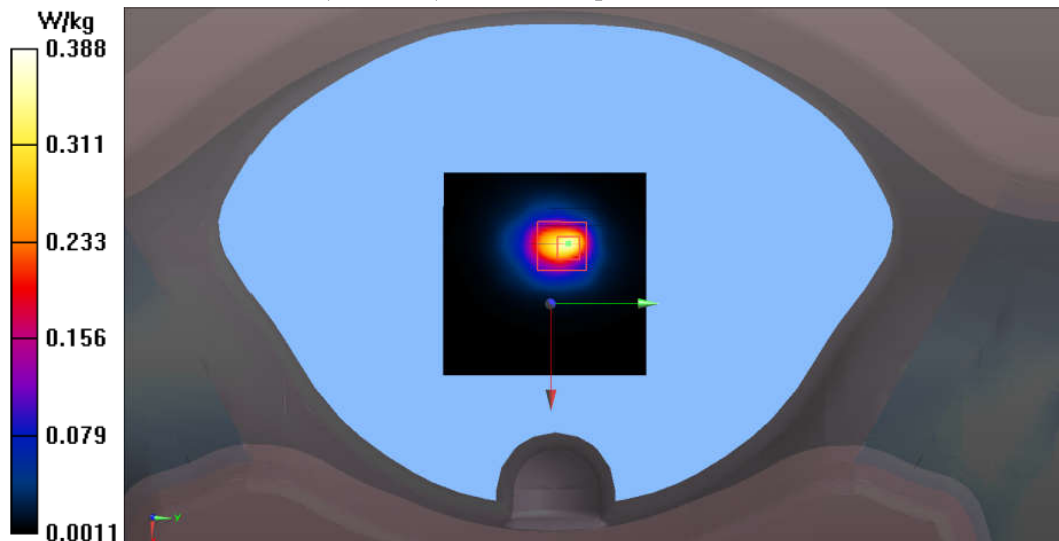
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.92 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.350 W/kg; SAR(10 g) = 0.134 W/kg

Maximum value of SAR (measured) = 0.388 W/kg



Test Laboratory: Audix SAR Lab

Date: 31/05/2023

CH19(2440MHz Right)

DUT: DELL Wireless Headset M/N: HS2403

Communication System: UID 0, Blue Tooth (0); Communication System Band: Mid;

Frequency: 2440 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2440$ MHz; $\sigma = 1.876$ S/m; $\epsilon_r = 38.738$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3166; ConvF(4.73, 4.73, 4.73); Calibrated: 27/06/2022;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH19(2440MHz Right)/Area Scan (61x61x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.435 W/kg

Configuration/CH19(2440MHz Right)/Zoom Scan (5x5x7)/Cube 0:

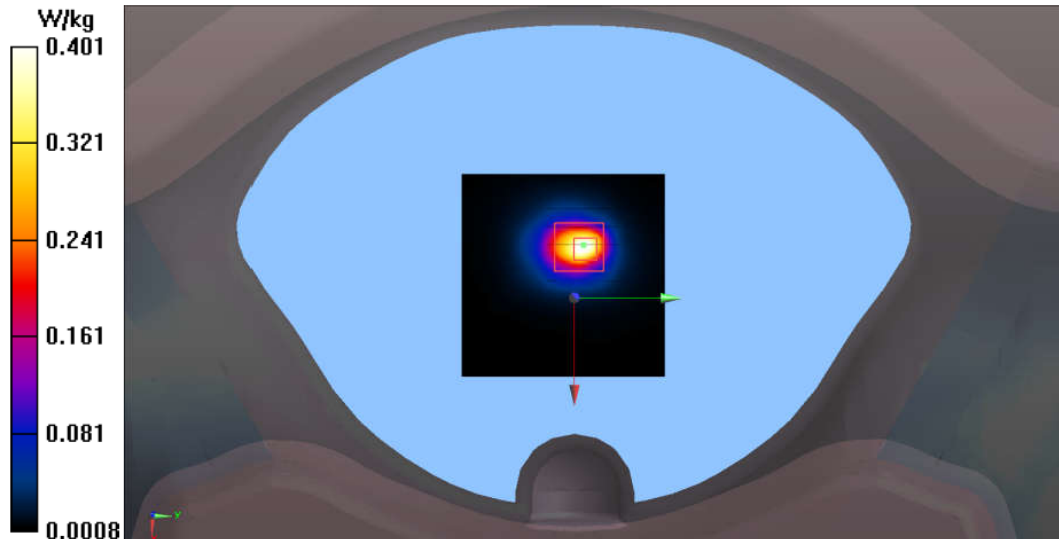
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.09 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.363 W/kg; SAR(10 g) = 0.138 W/kg

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



Test Laboratory: Audix SAR Lab

Date: 31/05/2023

CH39(2480MHz Right)

DUT: DELL Wireless Headset M/N: HS2403

Communication System: UID 0, Blue Tooth (0); Communication System Band: Mid;

Frequency: 2480 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2480$ MHz; $\sigma = 1.917$ S/m; $\epsilon_r = 38.579$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3166; ConvF(4.73, 4.73, 4.73); Calibrated: 27/06/2022;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH39(2480MHz Right)/Area Scan (61x61x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.470 W/kg

Configuration/CH39(2480MHz Right)/Zoom Scan (5x5x7)/Cube 0:

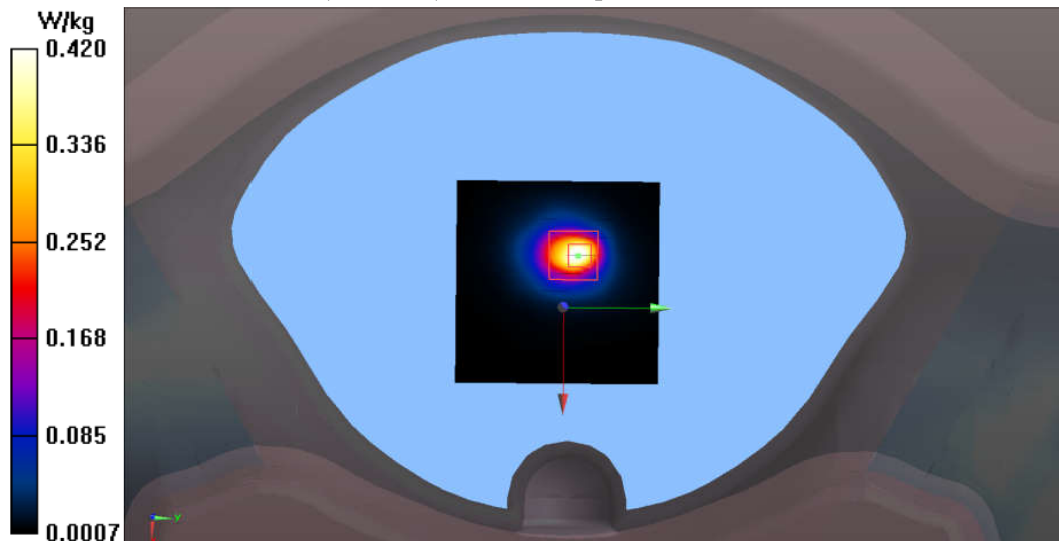
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.18 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.142 W/kg

Maximum value of SAR (measured) = 0.420 W/kg



BLE-2Mbps:

Test Laboratory: Audix SAR Lab

Date: 31/05/2023

CH0(2404MHz Bottom)

DUT: DELL Wireless Headset M/N: HS2403

Communication System: UID 0, Blue Tooth (0); Communication System Band: Mid;

Frequency: 2404 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2404$ MHz; $\sigma = 1.83$ S/m; $\epsilon_r = 38.892$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3166; ConvF(4.73, 4.73, 4.73); Calibrated: 27/06/2022;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH0(2404MHz Bottom)/Area Scan (61x61x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.00388 W/kg

Configuration/CH0(2404MHz Bottom)/Zoom Scan (5x5x7)/Cube 0:

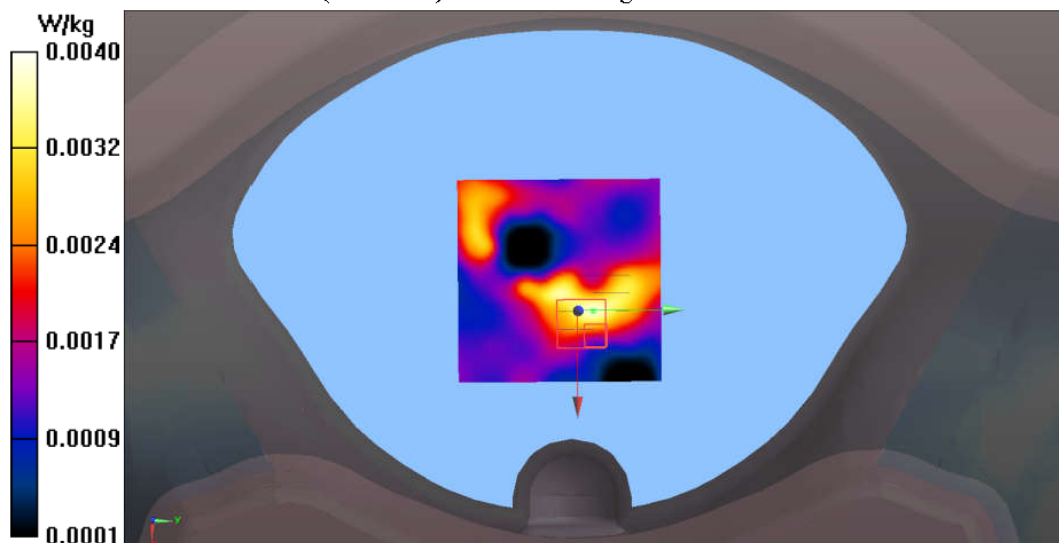
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 1.200 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.0110 W/kg

SAR(1 g) = 0.00391 W/kg; SAR(10 g) = 0.00148 W/kg

Maximum value of SAR (measured) = 0.00403 W/kg



Test Laboratory: Audix SAR Lab

Date: 31/05/2023

CH0(2404MHz Cochlea Side)

DUT: DELL Wireless Headset M/N: HS2403

Communication System: UID 0, Blue Tooth (0); Communication System Band: Mid;

Frequency: 2404 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2404$ MHz; $\sigma = 1.83$ S/m; $\epsilon_r = 38.892$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3166; ConvF(4.73, 4.73, 4.73); Calibrated: 27/06/2022;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH0(2404MHz Cochlea Side)/Area Scan (61x61x1): Interpolated

grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0400 W/kg

Configuration/CH0(2404MHz Cochlea Side)/Zoom Scan (5x5x7)/Cube 0:

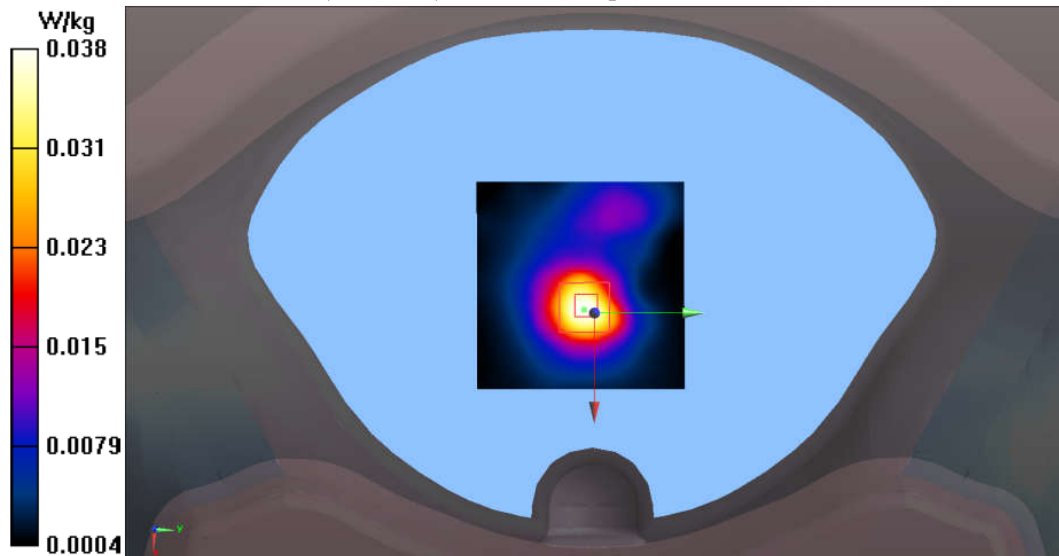
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.169 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.0790 W/kg

SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.017 W/kg

Maximum value of SAR (measured) = 0.0381 W/kg



Test Laboratory: Audix SAR Lab

Date: 31/05/2023

CH0(2404MHz Front)

DUT: DELL Wireless Headset M/N: HS2403

Communication System: UID 0, Blue Tooth (0); Communication System Band: Mid;

Frequency: 2404 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2404$ MHz; $\sigma = 1.83$ S/m; $\epsilon_r = 38.892$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3166; ConvF(4.73, 4.73, 4.73); Calibrated: 27/06/2022;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH0(2404MHz Front)/Area Scan (61x61x1): Interpolated grid:

$dx = 1.500$ mm, $dy = 1.500$ mm

Maximum value of SAR (interpolated) = 0.0474 W/kg

Configuration/CH0(2404MHz Front)/Zoom Scan (5x5x7)/Cube 0:

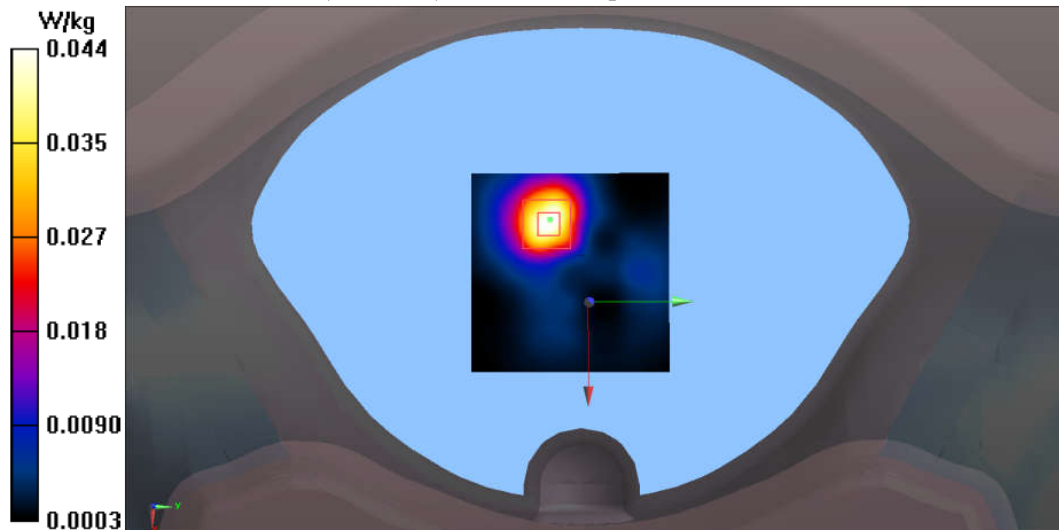
Measurement grid: $dx = 8$ mm, $dy = 8$ mm, $dz = 5$ mm

Reference Value = 0.7630 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.0850 W/kg

SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.020 W/kg

Maximum value of SAR (measured) = 0.0442 W/kg



Test Laboratory: Audix SAR Lab

Date: 31/05/2023

CH0(2404MHz Left)

DUT: DELL Wireless Headset M/N: HS2403

Communication System: UID 0, Blue Tooth (0); Communication System Band: Mid;

Frequency: 2404 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2404$ MHz; $\sigma = 1.83$ S/m; $\epsilon_r = 38.892$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3166; ConvF(4.73, 4.73, 4.73); Calibrated: 27/06/2022;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH0(2404MHz Left)/Area Scan (61x61x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.00589 W/kg

Configuration/CH0(2404MHz Left)/Zoom Scan (5x5x7)/Cube 0: Measurement

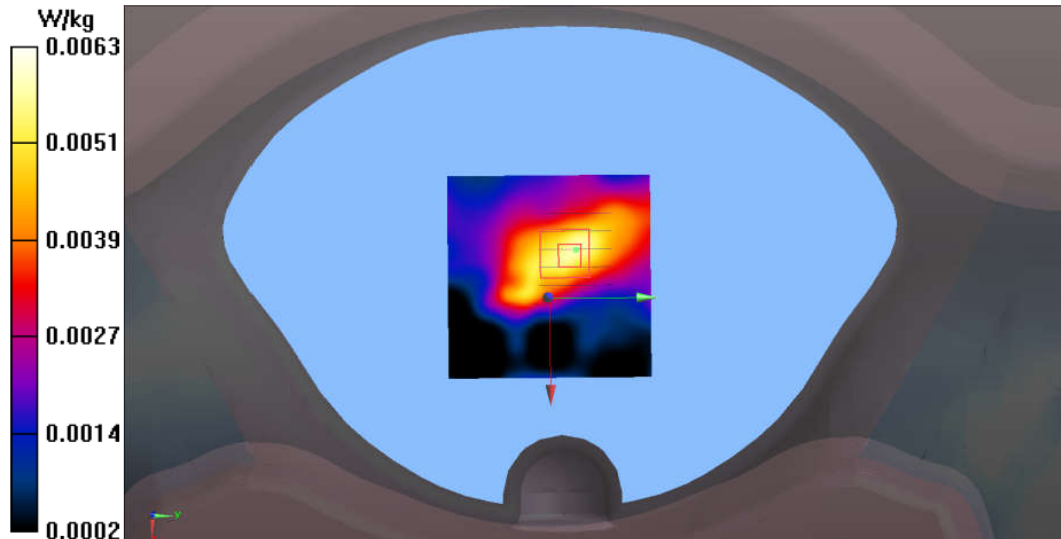
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 1.730 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.0140 W/kg

SAR(1 g) = 0.00615 W/kg; SAR(10 g) = 0.00357 W/kg

Maximum value of SAR (measured) = 0.00636 W/kg



Test Laboratory: Audix SAR Lab

Date: 31/05/2023

CH0(2404MHz Right)

DUT: DELL Wireless Headset M/N: HS2403

Communication System: UID 0, Blue Tooth (0); Communication System Band: Mid;

Frequency: 2404 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2404$ MHz; $\sigma = 1.83$ S/m; $\epsilon_r = 38.892$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3166; ConvF(4.73, 4.73, 4.73); Calibrated: 27/06/2022;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH0(2404MHz Right)/Area Scan (61x61x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.133 W/kg

Configuration/CH0(2404MHz Right)/Zoom Scan (5x5x7)/Cube 0: Measurement

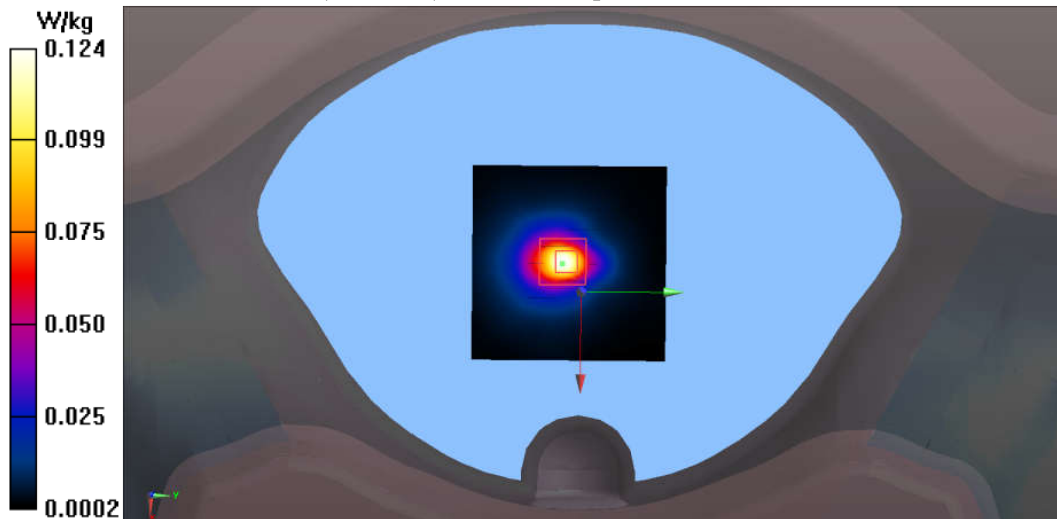
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.204 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.301 W/kg

SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.046 W/kg

Maximum value of SAR (measured) = 0.124 W/kg



Test Laboratory: Audix SAR Lab

Date: 31/05/2023

CH19(2440MHz Right)

DUT: DELL Wireless Headset M/N: HS2403

Communication System: UID 0, Blue Tooth (0); Communication System Band: Mid;

Frequency: 2440 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2440$ MHz; $\sigma = 1.876$ S/m; $\epsilon_r = 38.738$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3166; ConvF(4.73, 4.73, 4.73); Calibrated: 27/06/2022;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH19(2440MHz Right)/Area Scan (61x61x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

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

Configuration/CH19(2440MHz Right)/Zoom Scan (5x5x7)/Cube 0:

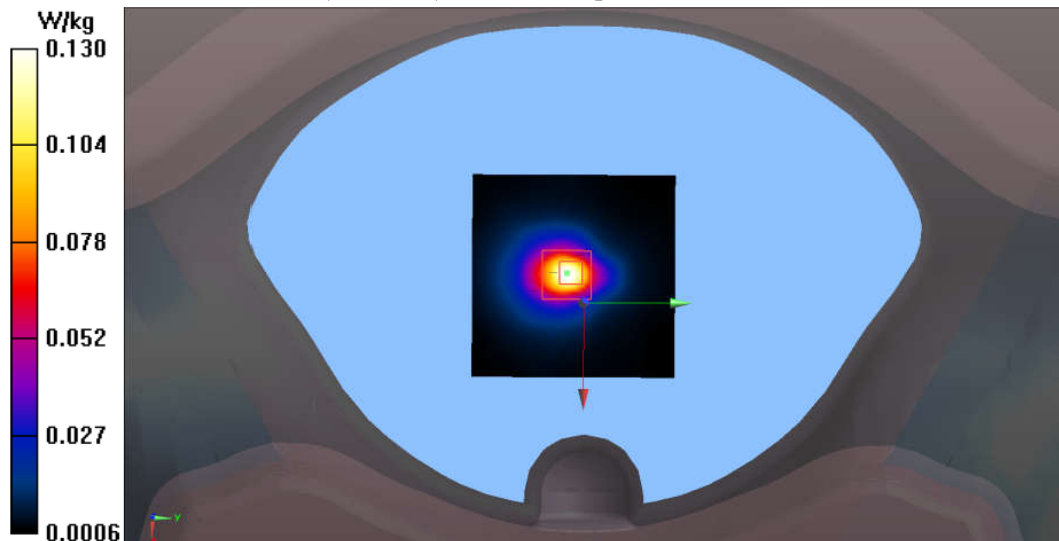
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.263 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.314 W/kg

SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.049 W/kg

Maximum value of SAR (measured) = 0.130 W/kg



Test Laboratory: Audix SAR Lab

Date: 31/05/2023

CH39(2478MHz Right)

DUT: DELL Wireless Headset M/N: HS2403

Communication System: UID 0, Blue Tooth (0); Communication System Band: Mid;

Frequency: 2478 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2478$ MHz; $\sigma = 1.915$ S/m; $\epsilon_r = 38.59$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3166; ConvF(4.73, 4.73, 4.73); Calibrated: 27/06/2022;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH39(2478MHz Right)/Area Scan (61x61x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.143 W/kg

Configuration/CH39(2478MHz Right)/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.395 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.324 W/kg

SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.050 W/kg

Maximum value of SAR (measured) = 0.132 W/kg

