
Appendix for the Report

Dosimetric Assessment of the Portable Device RTX8660 / Uniden EXP1240H (FCC ID: T7HCT8660) (IC ID: 4979B-CT8660)

According to the FCC Requirements

SAR Distribution Plots

December 07, 2010

**IMST GmbH
Carl-Friedrich-Gauß-Str. 2
D-47475 Kamp-Lintfort**

**Customer
RTX Products Hong Kong Ltd.
11/F, CAC Tower, 165 Hoi Bun Road
Kwun Tong, Kowloon
Hong Kong**

The test results only relate to the items tested. This report shall not be reproduced except in full without the written approval of the testing laboratory.

Table of Contents

1	SAR DISTRIBUTION PLOTS, HEAD MEASUREMENTS, ANTENNA 1.....	3
2	SAR DISTRIBUTION PLOTS, HEAD MEASUREMENTS, ANTENNA 2.....	7
3	SAR DISTRIBUTION PLOTS, BODY MEASUREMENTS, ANTENNA 1	11
4	SAR DISTRIBUTION PLOTS, BODY MEASUREMENTS, ANTENNA 2	13
5	SAR Z-AXIS SCANS (VALIDATION)	15
6	SAR Z-AXIS SCANS (MEASUREMENTS).....	16

1 SAR Distribution Plots, Head Measurements, Antenna 1

Test Laboratory: Imst GmbH, DASY Yellow (II); File Name: [1240_yplm_1_ant1.da4](#)

DUT: RTX8660 / Uniden EXP1240H; Serial: 1039000036

Program Name: DECT

Communication System: DECT US; Frequency: 1924.99 MHz; Duty Cycle: 1:24

Medium parameters used: $f = 1924.99$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3536; ConvF(7.77, 7.77, 7.77); Calibrated: 16.09.2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 10.02.2010
- Phantom: SAM Glycol 1340; Type: QD 000 P40 CB; Serial: TP-1340
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Cheek Left/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.033 mW/g

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

Reference Value = 3.67 V/m; Power Drift = 0.018 dB

Peak SAR (extrapolated) = 0.050 W/kg

SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.019 mW/g

Maximum value of SAR (measured) = 0.035 mW/g

Cheek Left/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.67 V/m; Power Drift = 0.018 dB

Peak SAR (extrapolated) = 0.048 W/kg

SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.032 mW/g

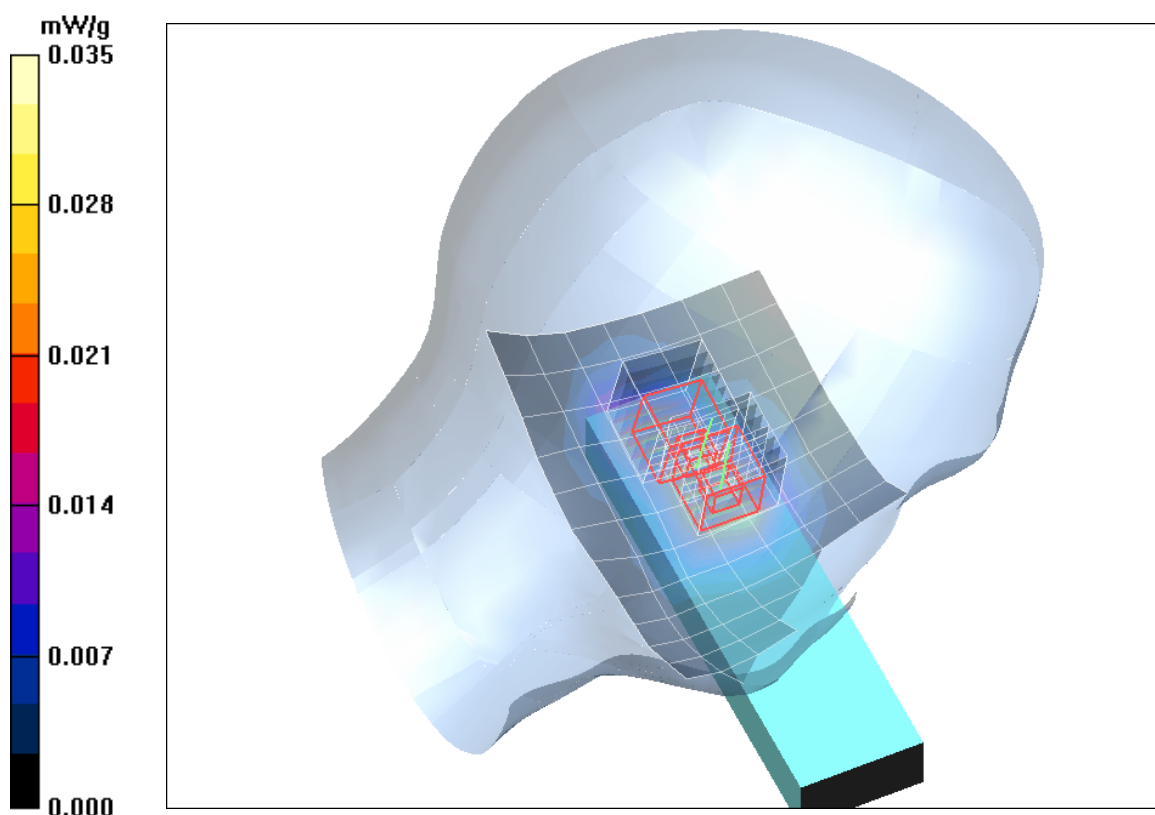


Fig. 1: SAR distribution for DECT US, channel 2, cheek position, left side of head (December 03, 2010; Ambient Temperature: 21.0°C; Liquid Temperature: 20.8°C).

Test Laboratory: Imst GmbH, DASY Yellow (II); File Name: [1240_yplm_2_ant1.da4](#)

DUT: RTX8660 / Uniden EXP1240H; Serial: 1039000036

Program Name: DECT

Communication System: DECT US; Frequency: 1924.99 MHz; Duty Cycle: 1:24

Medium parameters used: $f = 1924.99$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3536; ConvF(7.77, 7.77, 7.77); Calibrated: 16.09.2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 10.02.2010
- Phantom: SAM Glycol 1340; Type: QD 000 P40 CB; Serial: TP-1340
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Tilted Left/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.019 mW/g

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

Reference Value = 3.03 V/m; Power Drift = 0.165 dB

Peak SAR (extrapolated) = 0.034 W/kg

SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00796 mW/g

Maximum value of SAR (measured) = 0.020 mW/g

Tilted Left/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.03 V/m; Power Drift = 0.165 dB

Peak SAR (extrapolated) = 0.041 W/kg

SAR(1 g) = 0.00936 mW/g; SAR(10 g) = 0.00473 mW/g

Maximum value of SAR (measured) = 0.011 mW/g

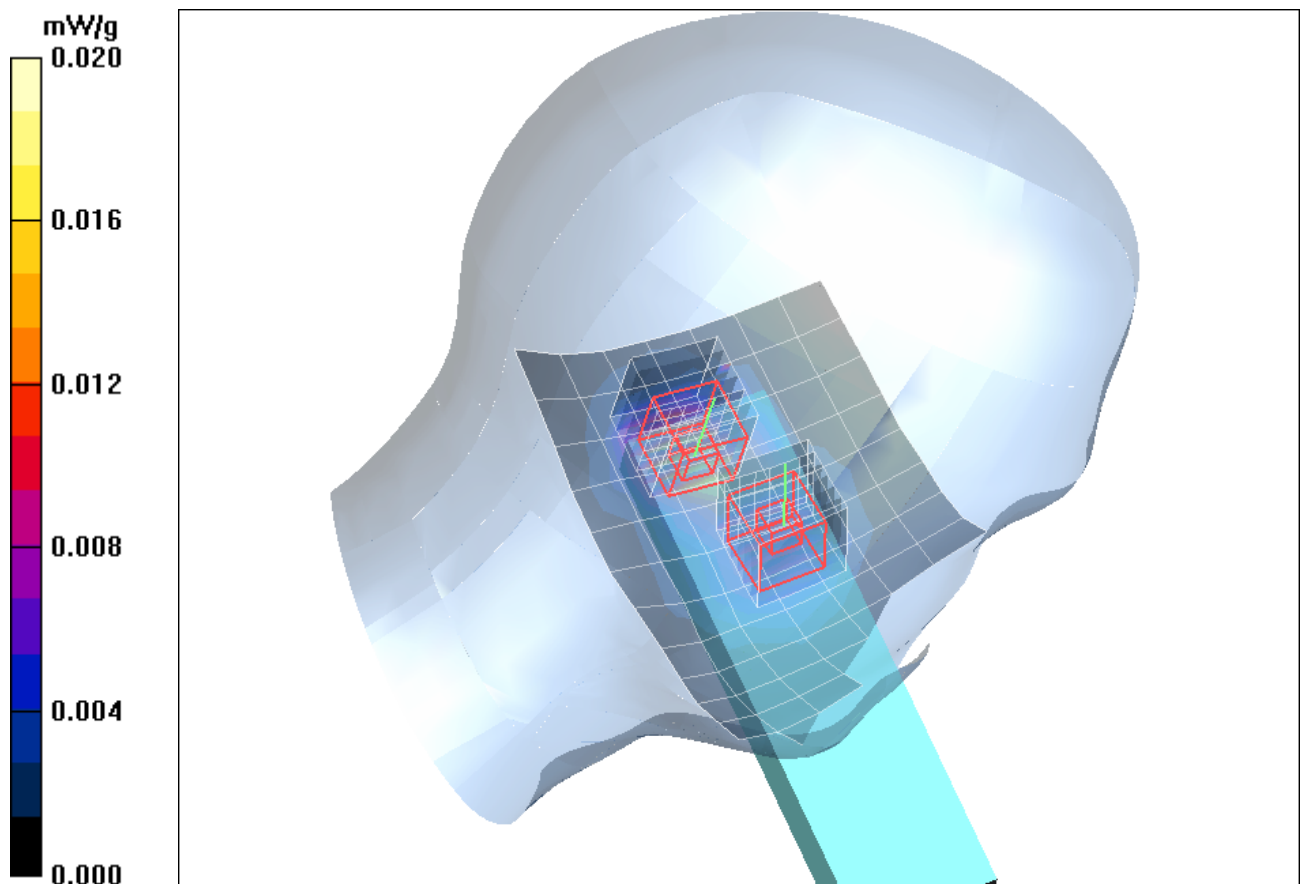


Fig. 2: SAR distribution for DECT US, channel 2, tilted position, left side of head (December 03, 2010; Ambient Temperature: 21.0°C; Liquid Temperature: 20.8°C).

Test Laboratory: Imst GmbH, DASY Yellow (II); File Name: [1240_yprm_1_ant1.da4](#)

DUT: RTX8660 / Uniden EXP1240H; Serial: 1039000036

Program Name: DECT

Communication System: DECT US; Frequency: 1924.99 MHz; Duty Cycle: 1:24

Medium parameters used: $f = 1924.99$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3536; ConvF(7.77, 7.77, 7.77); Calibrated: 16.09.2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 10.02.2010
- Phantom: SAM Glycol 1340; Type: QD 000 P40 CB; Serial: TP-1340
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Cheek Right/Area Scan (8x15x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.033 mW/g

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

Reference Value = 3.96 V/m; Power Drift = 0.042 dB

Peak SAR (extrapolated) = 0.057 W/kg

SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.035 mW/g

Cheek Right/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.96 V/m; Power Drift = 0.042 dB

Peak SAR (extrapolated) = 0.040 W/kg

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.028 mW/g

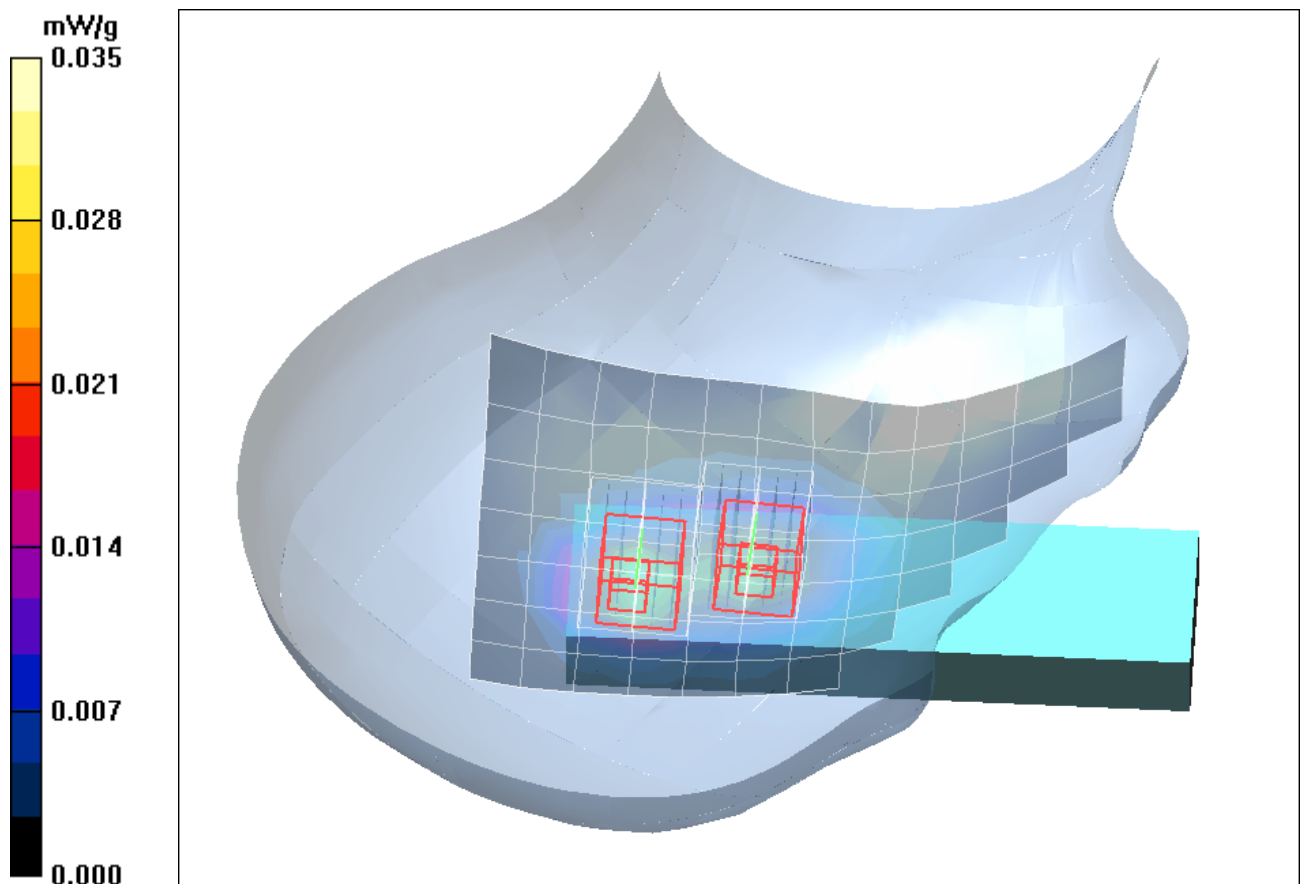


Fig. 3: SAR distribution for DECT US, channel 2, cheek position, right side of head (December 03, 2010; Ambient Temperature: 21.0°C; Liquid Temperature: 20.8°C).

Test Laboratory: Imst GmbH, DASY Yellow (II); File Name: [1240_yprm_2_ant1.da4](#)

DUT: RTX8660 / Uniden EXP1240H; Serial: 1039000036

Program Name: DECT

Communication System: DECT US; Frequency: 1924.99 MHz; Duty Cycle: 1:24

Medium parameters used: $f = 1924.99$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3536; ConvF(7.77, 7.77, 7.77); Calibrated: 16.09.2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 10.02.2010
- Phantom: SAM Glycol 1340; Type: QD 000 P40 CB; Serial: TP-1340
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Tilted Right/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.022 mW/g

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

Reference Value = 3.31 V/m; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 0.044 W/kg

SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.012 mW/g

Maximum value of SAR (measured) = 0.026 mW/g

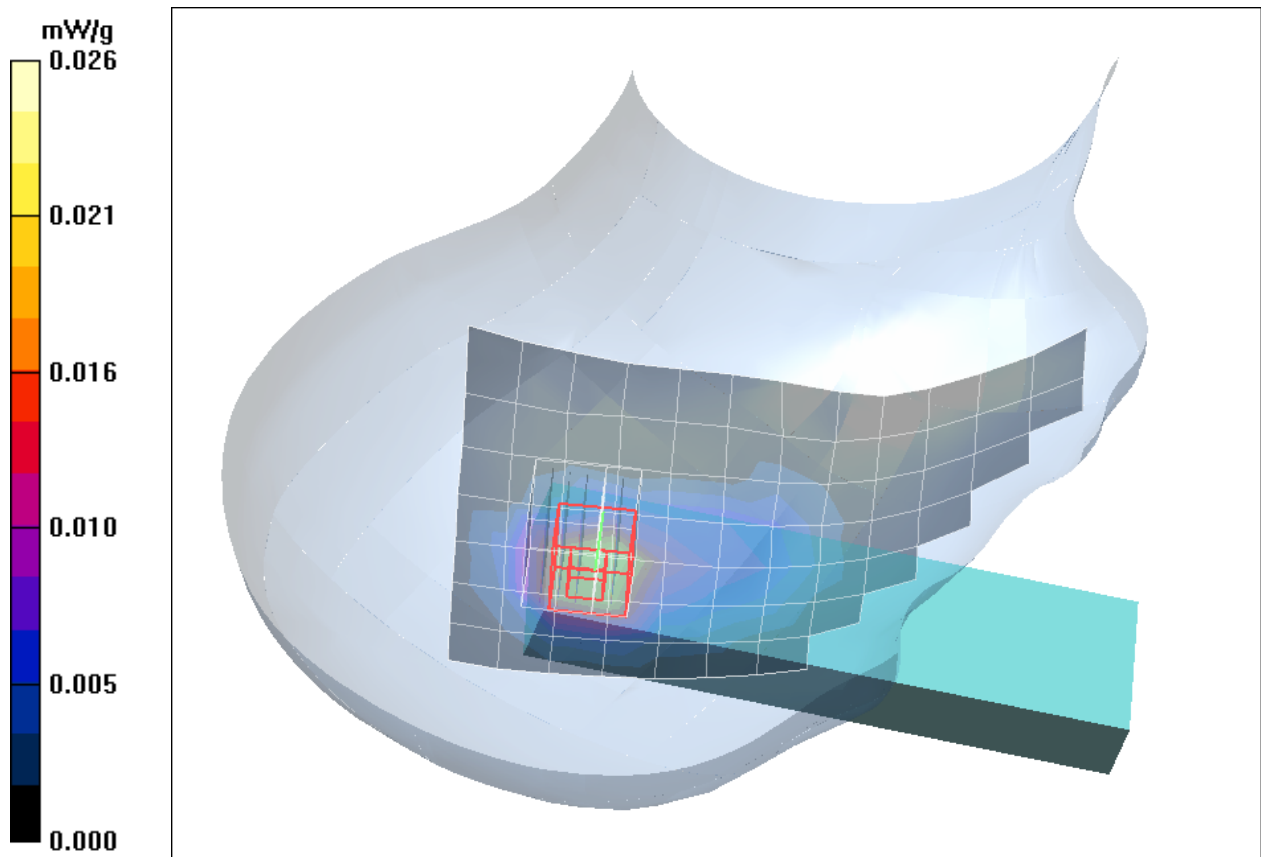


Fig. 4: SAR distribution for DECT US, channel 2, tilted position, right side of head (December 03, 2010; Ambient Temperature: 21.0°C; Liquid Temperature: 20.8°C)

2 SAR Distribution Plots, Head Measurements, Antenna 2

Test Laboratory: Imst GmbH, DASY Yellow (II); File Name: [1240_yplm_1_ant2.da4](#)

DUT: RTX8660 / Uniden EXP1240H; Serial: 1039000036

Program Name: DECT

Communication System: DECT US; Frequency: 1924.99 MHz; Duty Cycle: 1:24

Medium parameters used: $f = 1924.99$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3536; ConvF(7.77, 7.77, 7.77); Calibrated: 16.09.2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 10.02.2010
- Phantom: SAM Glycol 1340; Type: QD 000 P40 CB; Serial: TP-1340
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Cheek Left/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.010 mW/g

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

Reference Value = 1.75 V/m; Power Drift = 0.082 dB

Peak SAR (extrapolated) = 0.014 W/kg

SAR(1 g) = 0.00716 mW/g; SAR(10 g) = 0.00334 mW/g

Maximum value of SAR (measured) = 0.009 mW/g

Cheek Left/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.75 V/m; Power Drift = 0.082 dB

Peak SAR (extrapolated) = 0.016 W/kg

SAR(1 g) = 0.00811 mW/g; SAR(10 g) = 0.00384 mW/g

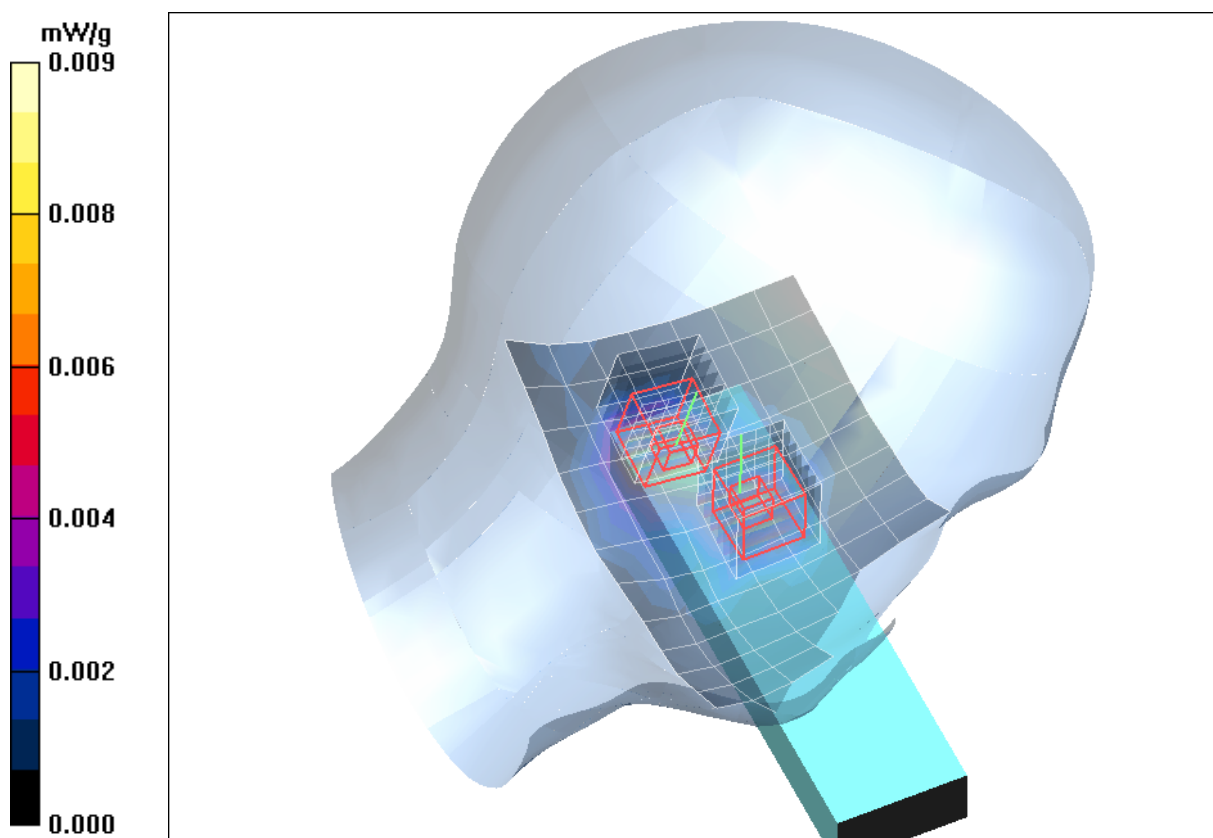


Fig. 5: SAR distribution for DECT US, channel 2, cheek position, left side of head (December 03, 2010; Ambient Temperature: 21.0°C; Liquid Temperature: 20.8°C).

Test Laboratory: Imst GmbH, DASY Yellow (II); File Name: [1240_vplm_2_ant2.da4](#)

DUT: RTX8660 / Uniden EXP1240H; Serial: 1039000036

Program Name: DECT

Communication System: DECT US; Frequency: 1924.99 MHz; Duty Cycle: 1:24

Medium parameters used: $f = 1924.99$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3536; ConvF(7.77, 7.77, 7.77); Calibrated: 16.09.2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 10.02.2010
- Phantom: SAM Glycol 1340; Type: QD 000 P40 CB; Serial: TP-1340
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Tilted Left/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.006 mW/g

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

Reference Value = 1.25 V/m; Power Drift = -0.137 dB

Peak SAR (extrapolated) = 0.012 W/kg

SAR(1 g) = 0.00447 mW/g; SAR(10 g) = 0.00197 mW/g

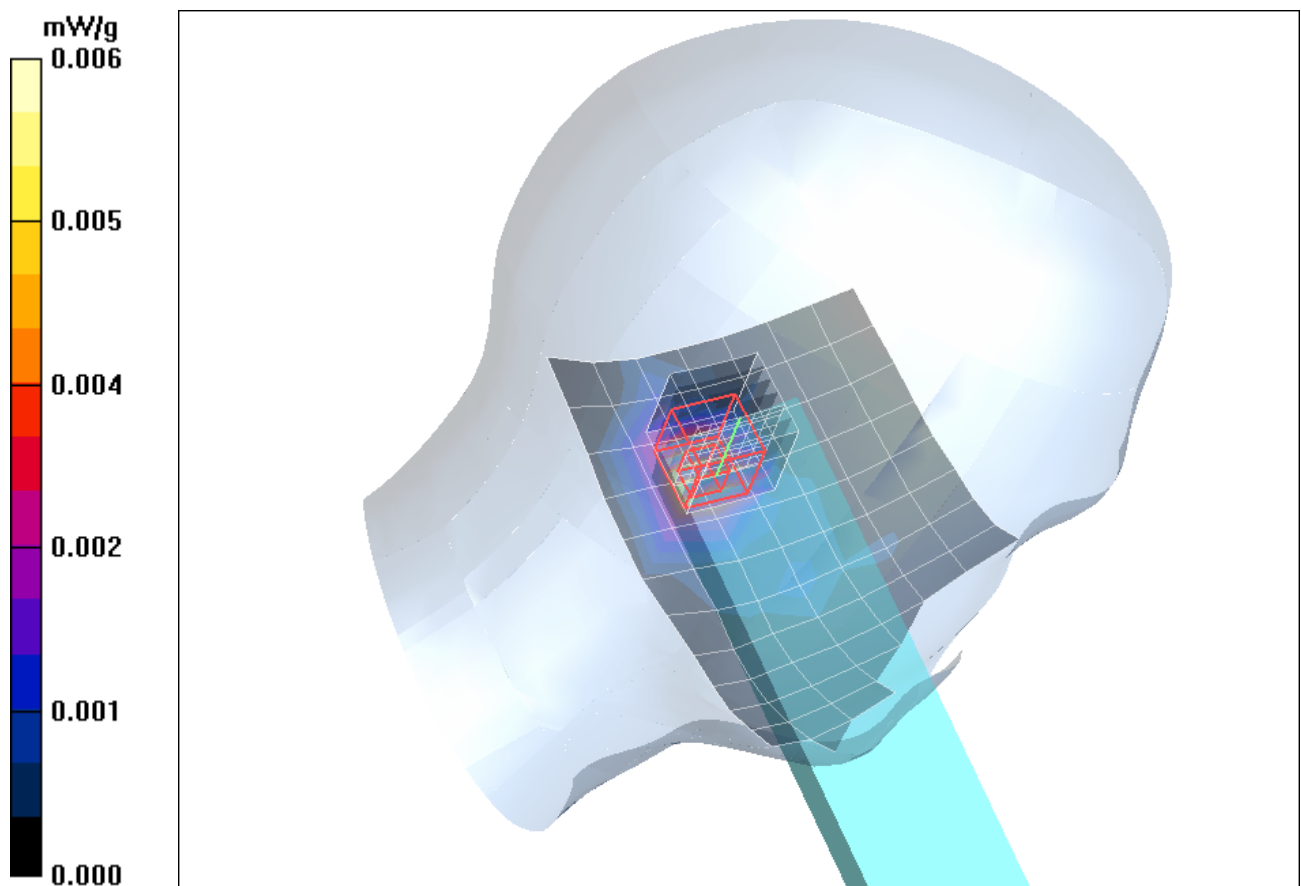


Fig. 6: SAR distribution for DECT US, channel 2, tilted position, left side of head (December 03, 2010; Ambient Temperature: 21.0°C; Liquid Temperature: 20.8°C).

Test Laboratory: Imst GmbH, DASY Yellow (II); File Name: [1240_yprm_1_ant2.da4](#)

DUT: RTX8660 / Uniden EXP1240H; Serial: 1039000036

Program Name: DECT

Communication System: DECT US; Frequency: 1924.99 MHz; Duty Cycle: 1:24

Medium parameters used: $f = 1924.99$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3536; ConvF(7.77, 7.77, 7.77); Calibrated: 16.09.2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 10.02.2010
- Phantom: SAM Glycol 1340; Type: QD 000 P40 CB; Serial: TP-1340
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Cheek Right/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.013 mW/g

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

Reference Value = 1.90 V/m; Power Drift = -0.133 dB

Peak SAR (extrapolated) = 0.023 W/kg

SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00669 mW/g

Maximum value of SAR (measured) = 0.015 mW/g

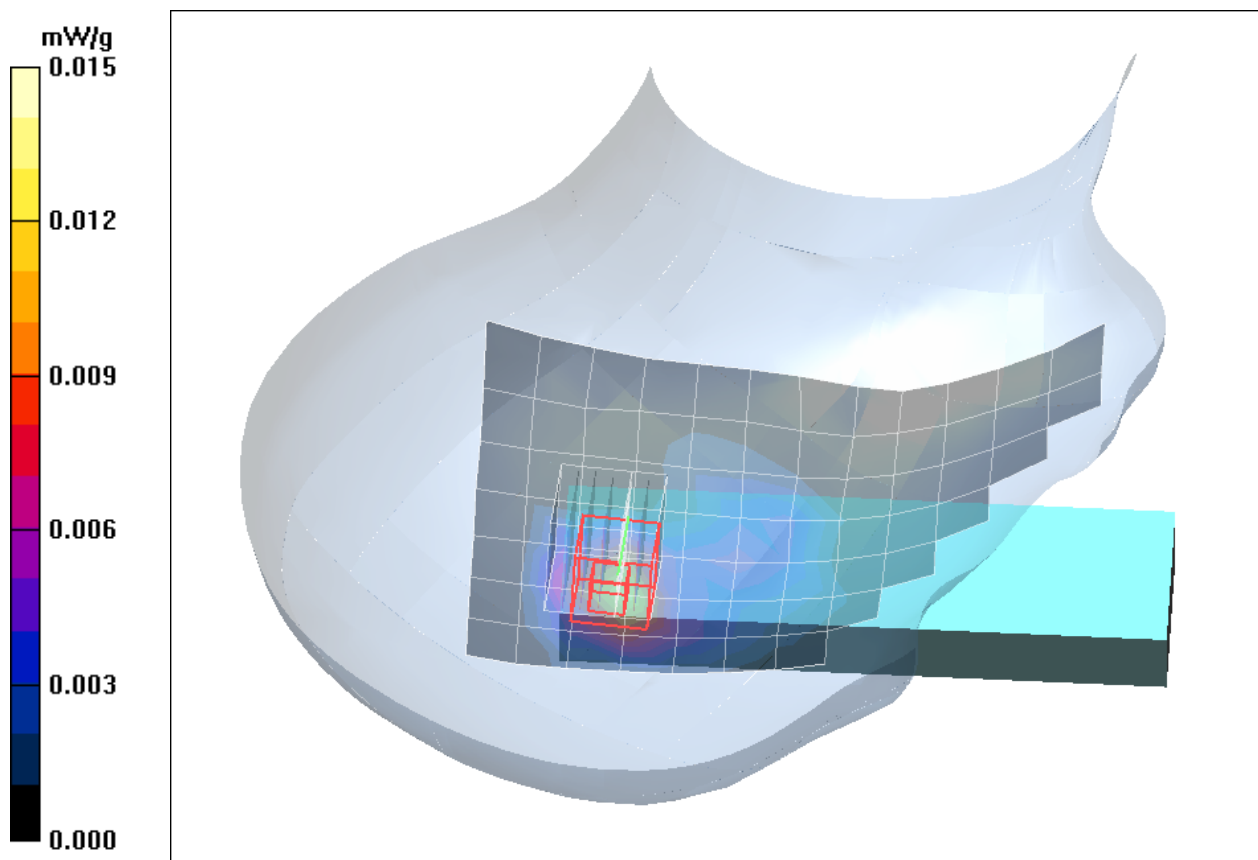


Fig. 7: SAR distribution for DECT US, channel 2, cheek position, right side of head (December 03, 2010; Ambient Temperature: 21.0°C; Liquid Temperature: 20.8°C).

Test Laboratory: Imst GmbH, DASY Yellow (II); File Name: [1240_yprm_2_ant2.da4](#)

DUT: RTX8660 / Uniden EXP1240H; Serial: 1039000036

Program Name: DECT

Communication System: DECT US; Frequency: 1924.99 MHz; Duty Cycle: 1:24

Medium parameters used: $f = 1924.99$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3536; ConvF(7.77, 7.77, 7.77); Calibrated: 16.09.2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 10.02.2010
- Phantom: SAM Glycol 1340; Type: QD 000 P40 CB; Serial: TP-1340
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Tilted Right/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.007 mW/g

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

Reference Value = 1.67 V/m; Power Drift = -0.095 dB

Peak SAR (extrapolated) = 0.014 W/kg

SAR(1 g) = 0.00831 mW/g; SAR(10 g) = 0.00375 mW/g

Maximum value of SAR (measured) = 0.009 mW/g

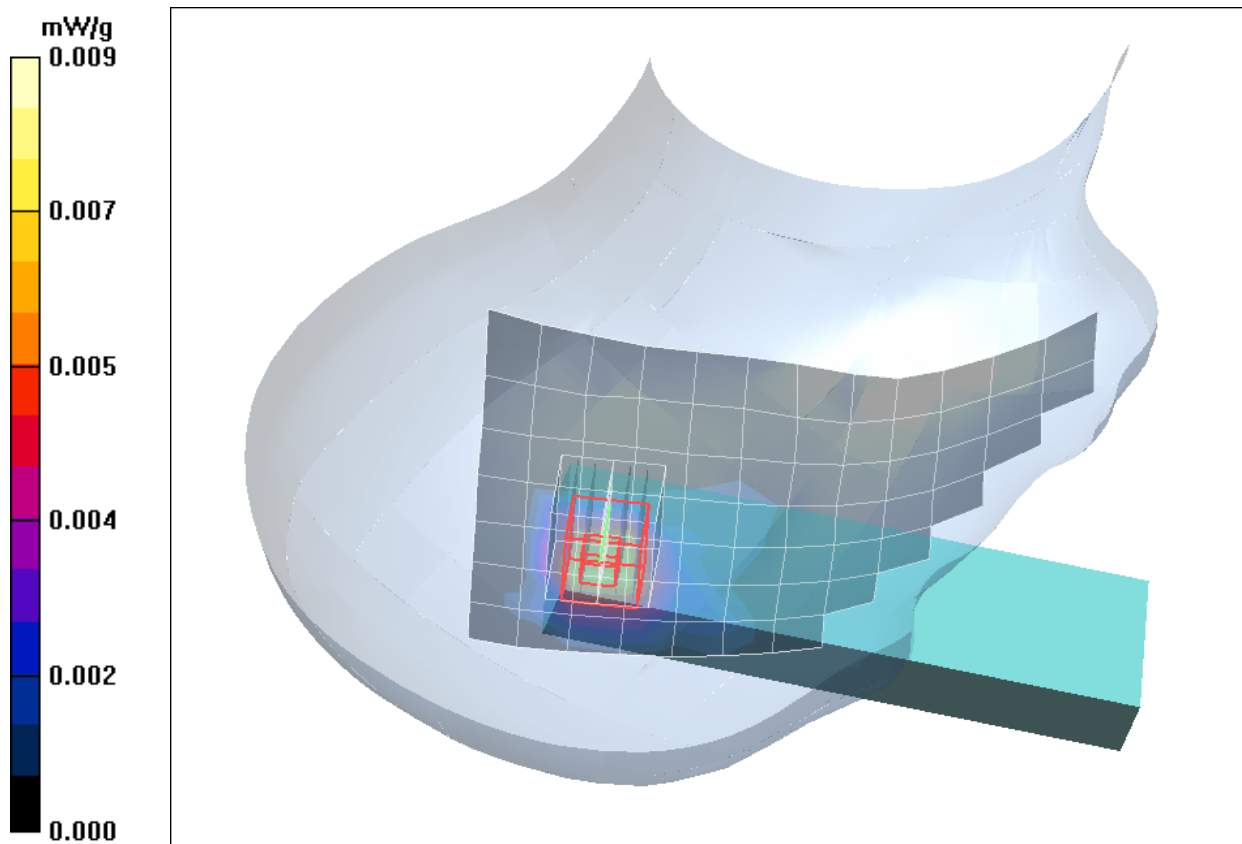


Fig. 8: SAR distribution for DECT US, channel 2, tilted position, right side of head (December 03, 2010; Ambient Temperature: 21.0°C; Liquid Temperature: 20.8°C)

3 SAR Distribution Plots, Body Measurements, Antenna 1

Test Laboratory: Imst GmbH, DASY Yellow (II); File Name: [1240_yphm_1_hs_dspl_up_ant1.da4](#)

DUT: RTX8660 / Uniden EXP1240H; Serial: 1039000036

Program Name: DECT

Communication System: DECT US; Frequency: 1924.99 MHz; Duty Cycle: 1:24

Medium parameters used: $f = 1924.99$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3536; ConvF(7.89, 7.89, 7.89); Calibrated: 16.09.2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 10.02.2010
- Phantom: SAM Glycol 1340; Type: QD 000 P40 CB; Serial: TP-1340
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body Worn/Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.024 mW/g

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

Reference Value = 3.97 V/m; Power Drift = 0.152 dB

Peak SAR (extrapolated) = 0.041 W/kg

SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.013 mW/g

Maximum value of SAR (measured) = 0.026 mW/g

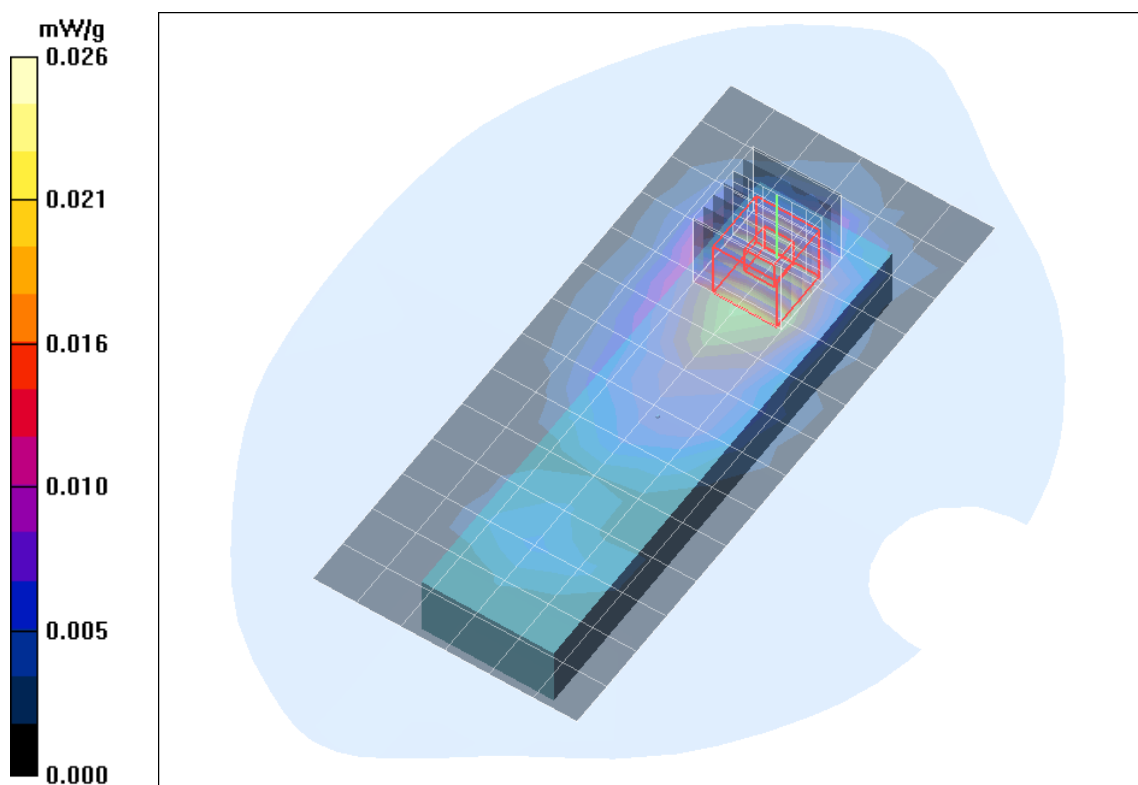


Fig. 9: SAR distribution for DECT US, channel 2, body worn configuration, display towards the phantom, with headset and 0 mm distance (December 02, 2010; Ambient Temperature: 21.4° C; Liquid Temperature: 21.2° C).

Test Laboratory: Imst GmbH, DASY Yellow (II); File Name: [1240 yphm 2 hs dspl down ant1.da4](#)

DUT: RTX8660 / Uniden EXP1240H; Serial: 1039000036

Program Name: DECT

Communication System: DECT US; Frequency: 1924.99 MHz; Duty Cycle: 1:24

Medium parameters used: $f = 1924.99$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3536; ConvF(7.89, 7.89, 7.89); Calibrated: 16.09.2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 10.02.2010
- Phantom: SAM Glycol 1340; Type: QD 000 P40 CB; Serial: TP-1340
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body Worn/Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.008 mW/g

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

Reference Value = 2.22 V/m; Power Drift = -0.056 dB

Peak SAR (extrapolated) = 0.016 W/kg

SAR(1 g) = 0.00734 mW/g; SAR(10 g) = 0.00312 mW/g

Maximum value of SAR (measured) = 0.009 mW/g

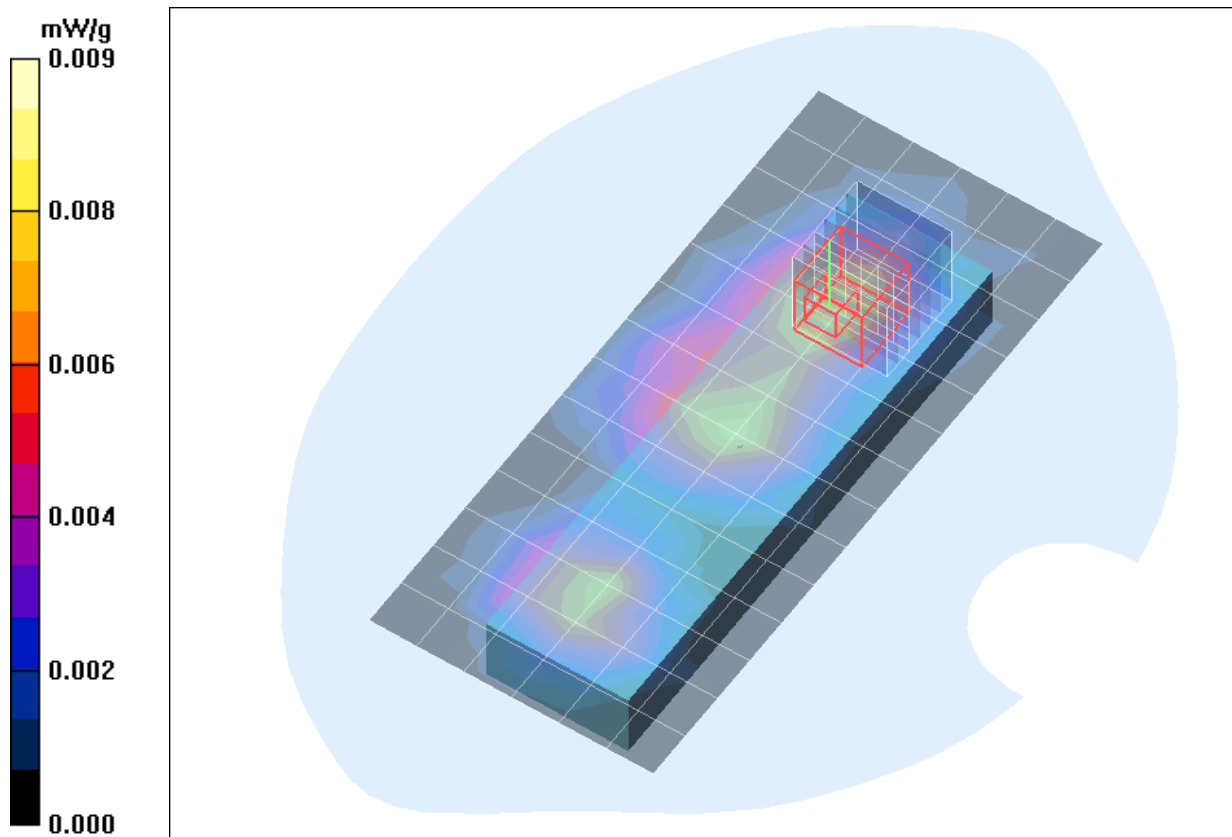


Fig. 10: SAR distribution for DECT US, channel 2, body worn configuration, display towards the ground, with headset and and clip (December 02, 2010; Ambient Temperature: 21.4° C; Liquid Temperature: 21.2° C).

4 SAR Distribution Plots, Body Measurements, Antenna 2

Test Laboratory: Imst GmbH, DASY Yellow (II); File Name: [1240_yphm_1_hs_dspl_up_ant2.da4](#)

DUT: RTX8660 / Uniden EXP1240H; Serial: 1039000036

Program Name: DECT

Communication System: DECT US; Frequency: 1924.99 MHz; Duty Cycle: 1:24

Medium parameters used: $f = 1924.99$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3536; ConvF(7.89, 7.89, 7.89); Calibrated: 16.09.2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 10.02.2010
- Phantom: SAM Glycol 1340; Type: QD 000 P40 CB; Serial: TP-1340
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body Worn/Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.010 mW/g

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

Reference Value = 2.59 V/m; Power Drift = -0.052 dB

Peak SAR (extrapolated) = 0.018 W/kg

SAR(1 g) = 0.00924 mW/g; SAR(10 g) = 0.00442 mW/g

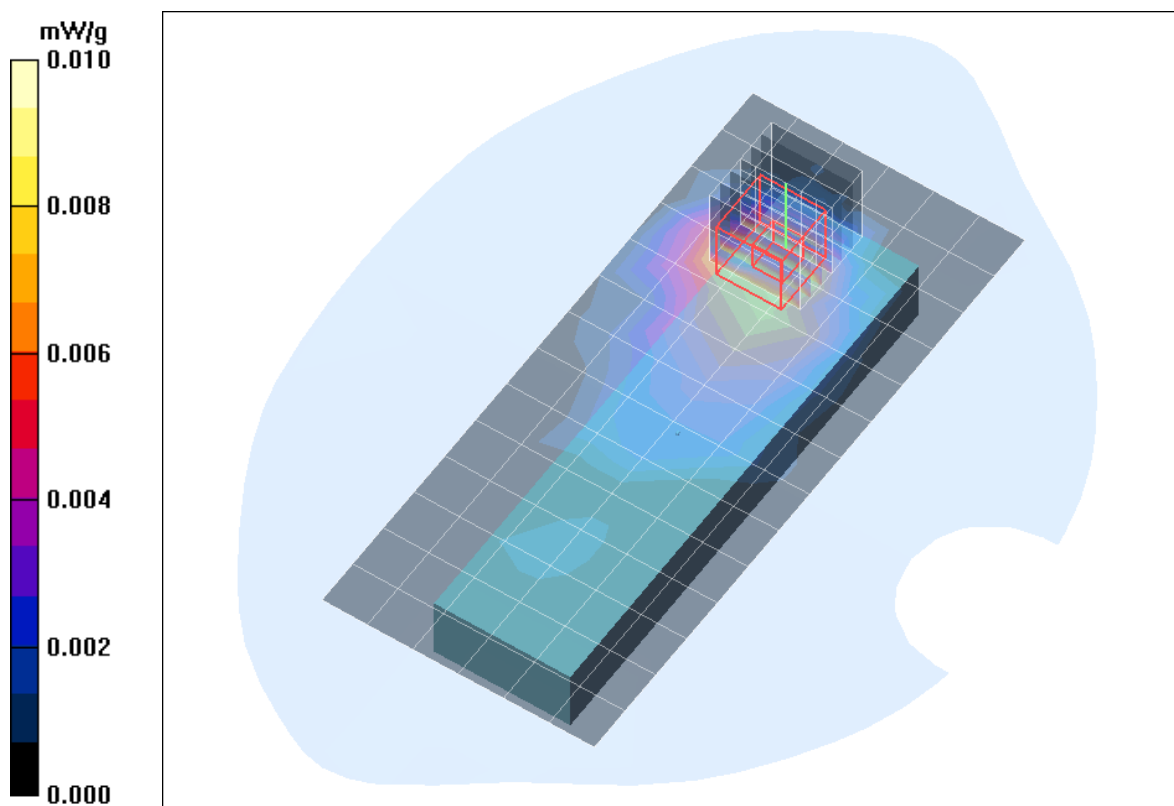


Fig. 11: SAR distribution for DECT US, channel 2, body worn configuration, display towards the phantom, with headset and 0 mm distance (December 02, 2010; Ambient Temperature: 21.4° C; Liquid Temperature: 21.2° C).

Test Laboratory: Imst GmbH, DASY Yellow (II); File Name: [1240_yphm_2_hs_dspl_down_ant2.da4](#)

DUT: RTX8660 / Uniden EXP1240H; Serial: 1039000036

Program Name: DECT

Communication System: DECT US; Frequency: 1924.99 MHz; Duty Cycle: 1:24

Medium parameters used: $f = 1924.99$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3536; ConvF(7.89, 7.89, 7.89); Calibrated: 16.09.2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 10.02.2010
- Phantom: SAM Glycol 1340; Type: QD 000 P40 CB; Serial: TP-1340
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body Worn/Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.006 mW/g

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

Reference Value = 1.87 V/m; Power Drift = 0.153 dB

Peak SAR (extrapolated) = 0.020 W/kg

SAR(1 g) = 0.00557 mW/g; SAR(10 g) = 0.00248 mW/g

Maximum value of SAR (measured) = 0.007 mW/g

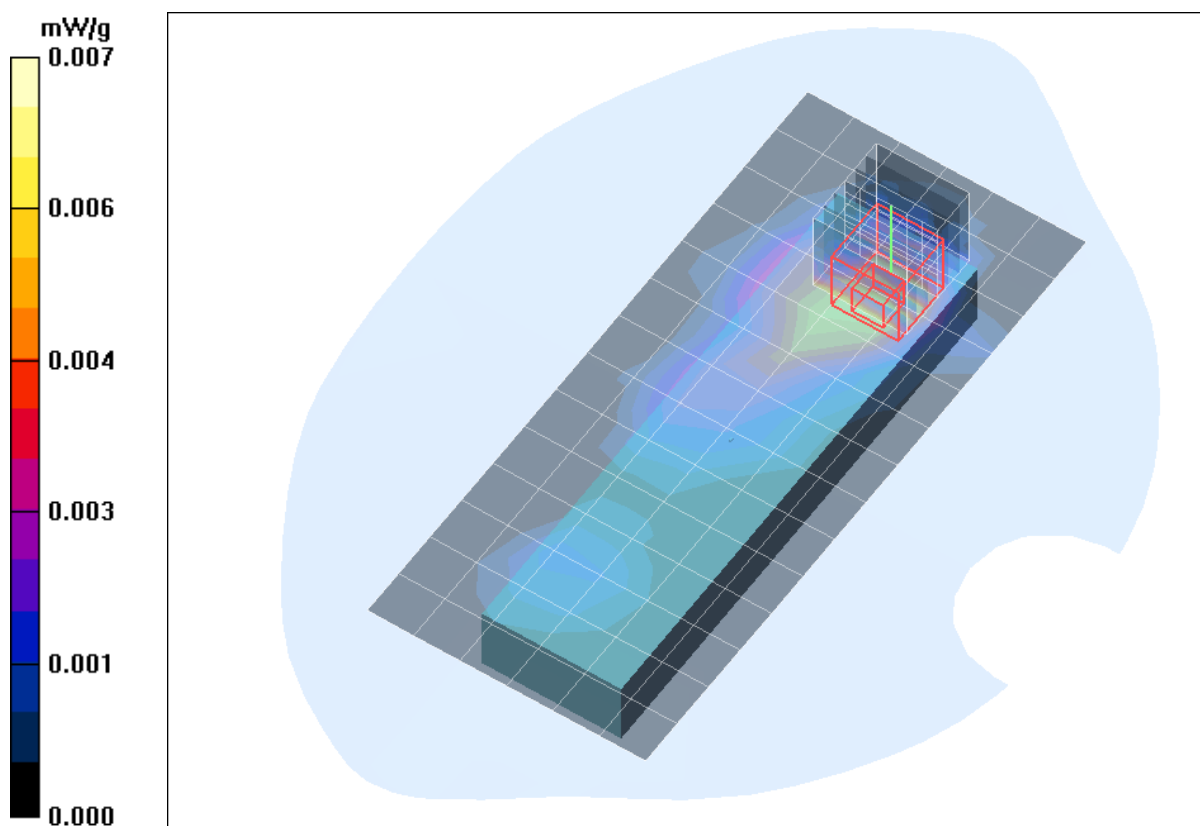


Fig. 12: SAR distribution for DECT US, channel 2, body worn configuration, display towards the ground, with headset and 0 mm distance (December 02, 2010; Ambient Temperature: 21.4° C; Liquid Temperature: 21.2° C).

5 SAR Z-Axis Scans (Validation)

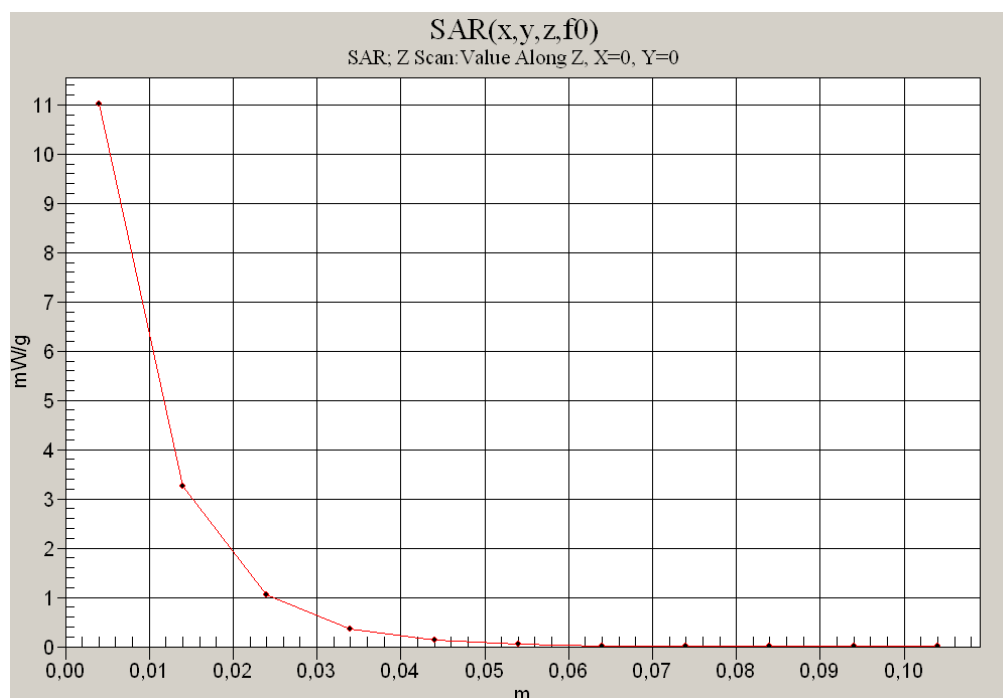


Fig. 13: SAR versus liquid depth, 1900 MHz, head (December 03, 2010; Ambient Temperature: 21.0° C; Liquid Temperature : 20.8° C).

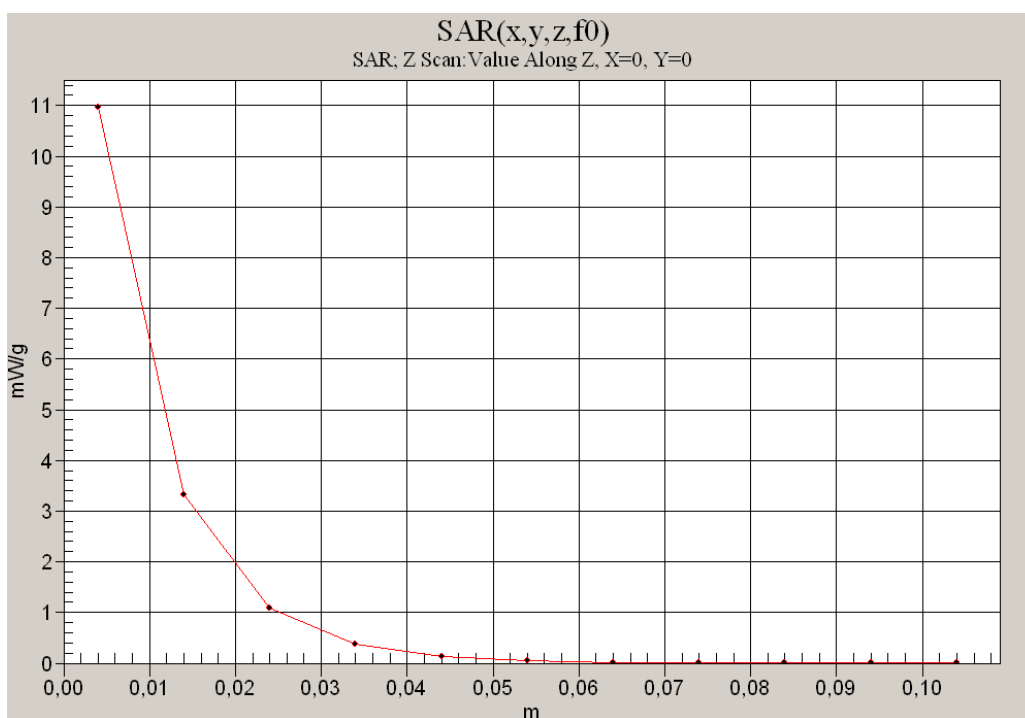


Fig. 14: SAR versus liquid depth, 1900 MHz, body (December 02, 2010; Ambient Temperature: 21.4° C; Liquid Temperature : 21.2° C).

6 SAR Z-Axis Scans (Measurements)

The following pictures show the plots of SAR versus liquid depth for the worst case values.

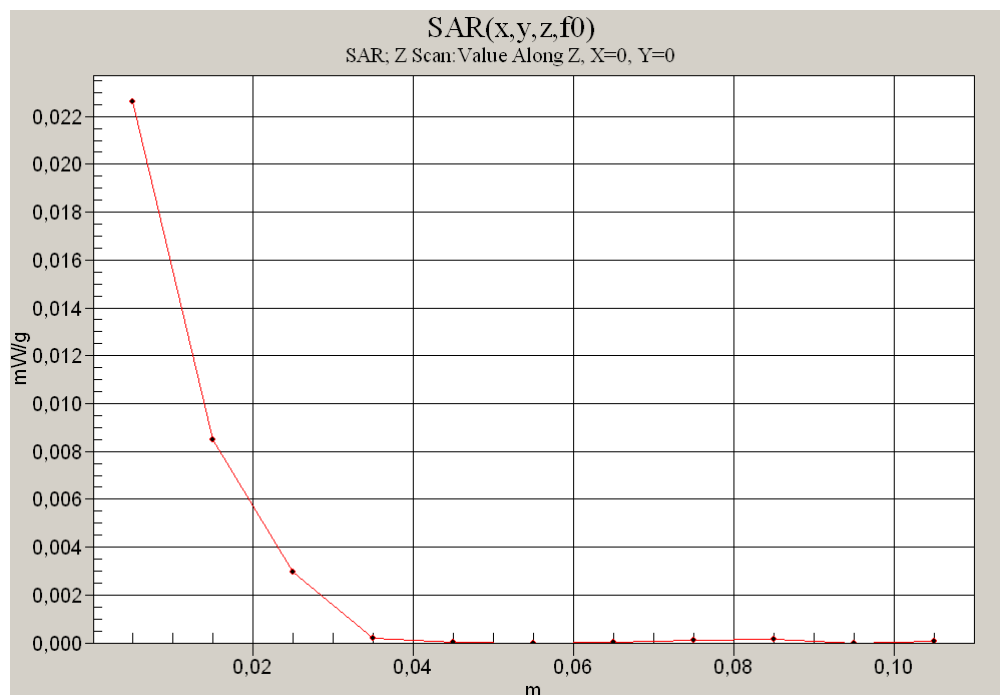


Fig. 15: SAR versus liquid depth, head: DECT US, channel 2, cheek position, left side of head, antenna 1 (December 03, 2010; Ambient Temperature: 21.0° C; Liquid Temperature : 20.8° C).

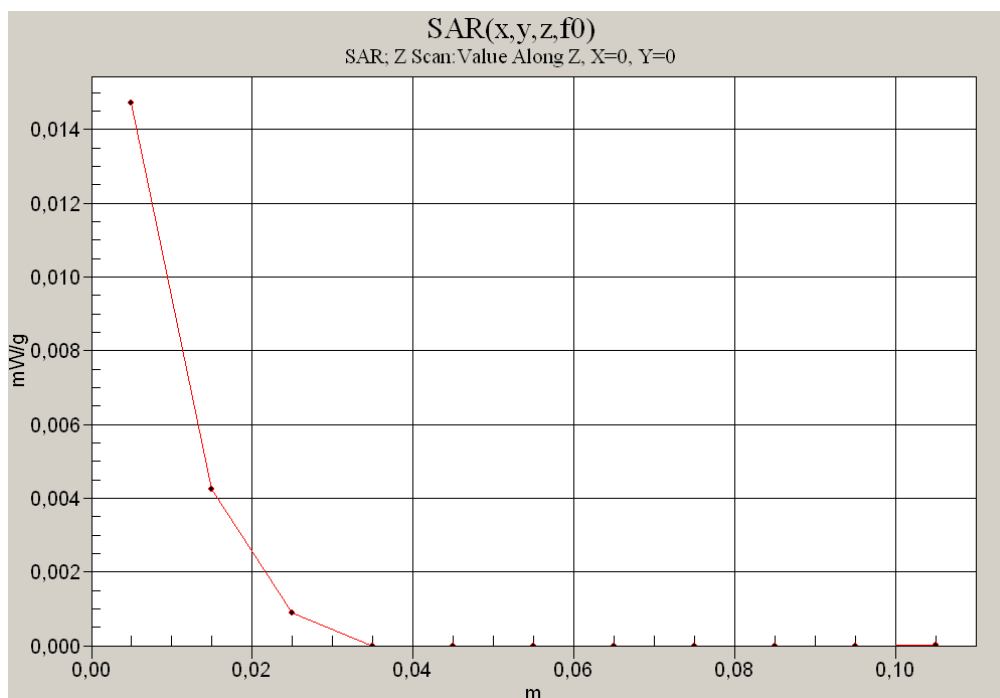


Fig. 16: SAR versus liquid depth, body: DECT US, channel 2, headset and 0 mm distance, antenna 1, display towards the phantom (December 02, 2010; Ambient Temperature: 21.4° C; Liquid Temperature: 21.2° C).