

Appendix for the SAR Test Report

Dosimetric Assessment of the Portable Device K-STD14 from Panasonic (FCC ID: ACJ9TAK-STD14) (IC: 216A-KSTD14)

According to the FCC Requirements SAR Distribution Plots

December 02, 2014

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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.

1 SAR Distribution Plots

Test Laboratory: Imst GmbH, DASY Yellow (II); File Name: [STD14_yphm_1_front.da4](#)

DUT: Panasonic; Type: K-STD14;

Program Name: US DECT

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

Medium parameters used: $f = 1925$ MHz; $\sigma = 1.58$ mho/m; $\epsilon_r = 55$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6R - SN1579; ConvF(4.57, 4.57, 4.57); Calibrated: 28.01.2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn631; Calibrated: 23.07.2014
- 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/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.004 mW/g

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

Reference Value = 1.12 V/m; Power Drift = 0.137 dB

Peak SAR (extrapolated) = 0.010 W/kg

SAR(1 g) = 0.00479 mW/g; SAR(10 g) = 0.00209 mW/g

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

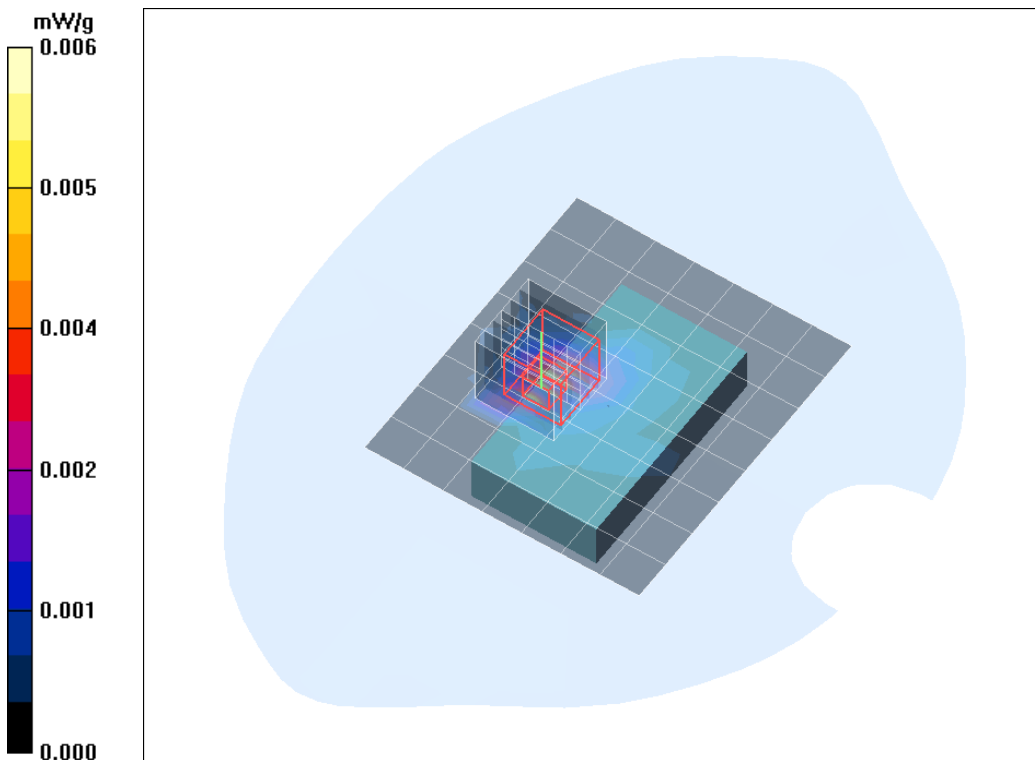


Fig. 1: SAR distribution for DECT US, channel 2, body worn configuration, front of the device towards the phantom (November 18, 2014)

Test Laboratory: Imst GmbH, DASY Yellow (II); **File Name:** [STD14_yphm 2 back.da4](#)

DUT: Panasonic; **Type:** K-STD14;

Program Name: US DECT

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

Medium parameters used: $f = 1925$ MHz; $\sigma = 1.58$ mho/m; $\epsilon_r = 55$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6R - SN1579; ConvF(4.57, 4.57, 4.57); Calibrated: 28.01.2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
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- 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/Area Scan (8x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.001 mW/g

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

Reference Value = 0.657 V/m; Power Drift = -0.190 dB

Peak SAR (extrapolated) = 0.002 W/kg

SAR(1 g) = 0.00055 mW/g; SAR(10 g) = 0.000283 mW/g

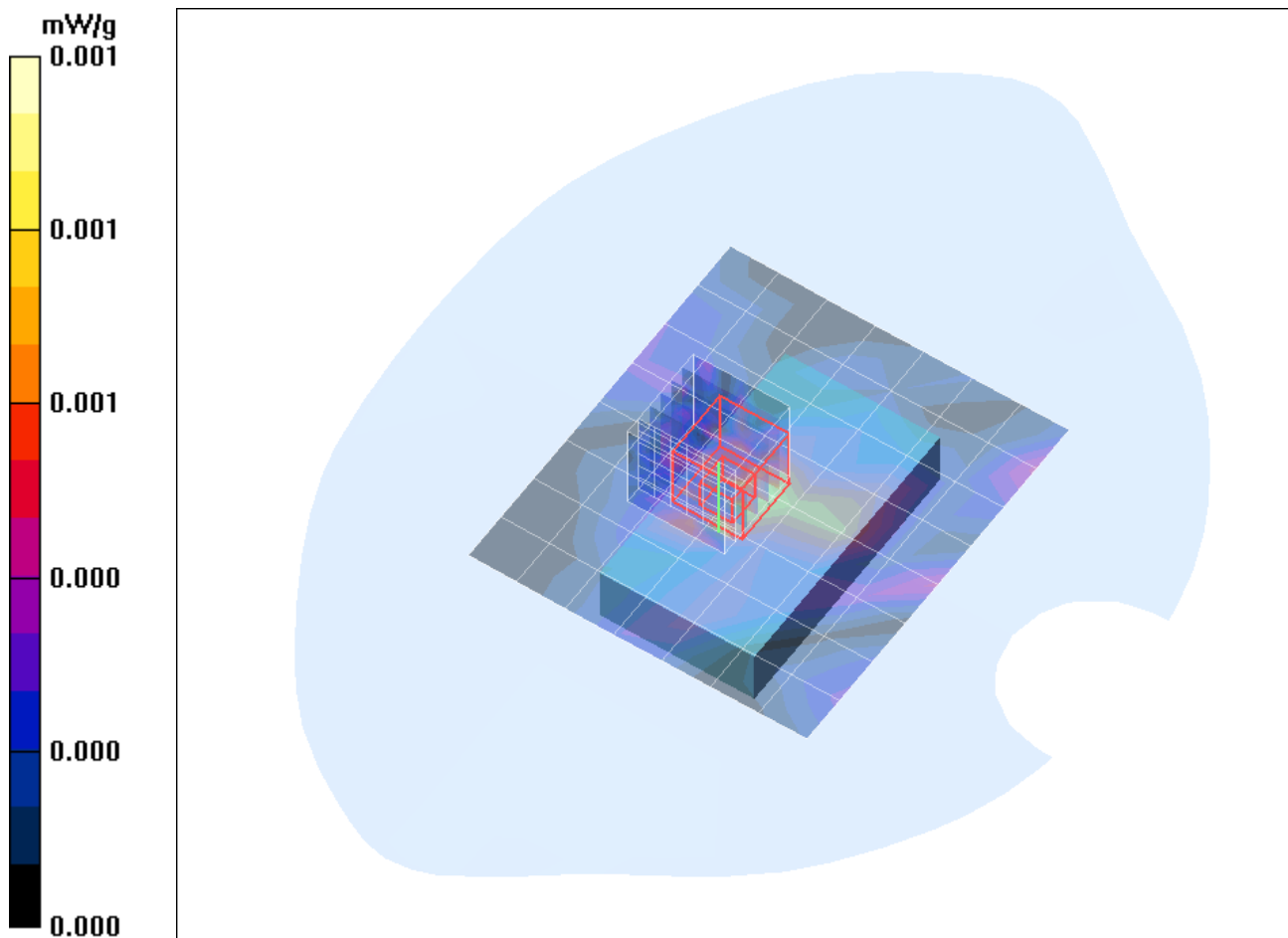


Fig. 2: SAR distribution for DECT US, channel 2, body worn configuration, back of the device towards the phantom (November 18, 2014)