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D-PL-12139-01-01

The Testcenter facility 'Dosimetric Test Lab' within IMST GmbH is accredited by the German National 'Deutsche Akkreditierungsstelle GmbH (DAkkS)' for testing according to the scope as listed in the accreditation certificate: D-PL-12139-01-01.

Appendix for the Report

Dosimetric Assessment of the Portable Device SCA Humidity Logger from Prevas (FCC ID: 2ABK3IDENTIFI) (IC: IC-10866A-61407)

According to the FCC Requirements SAR Distribution Plots

June 27, 2013

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Customer
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SAR Distribution Plots, GPRS 850 Body

Test Laboratory: Imst GmbH, DASY Yellow (II); File Name: SCA_340_yahm_1.da4

DUT: SCA Humidity Logger; Serial: 351579050121340
Program Name: GPRS 850 (Class 12)

Communication System: GPRS 850; Frequency: 836.6 MHz;Duty Cycle: 1:2
Medium parameters used: f = 836.6 MHz; σ = 1 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6R - SN1579; ConvF(6.24, 6.24, 6.24); Calibrated: 25.01.2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn631; Calibrated: 20.09.2012
- Phantom: SAM Sugar 1341; Type: QD 000 P40 CB; Serial: TP-1341
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body/Area Scan (9x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.118 mW/g
Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.56 V/m; Power Drift = -0.185 dB
Peak SAR (extrapolated) = 0.251 W/kg
SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.117 mW/g

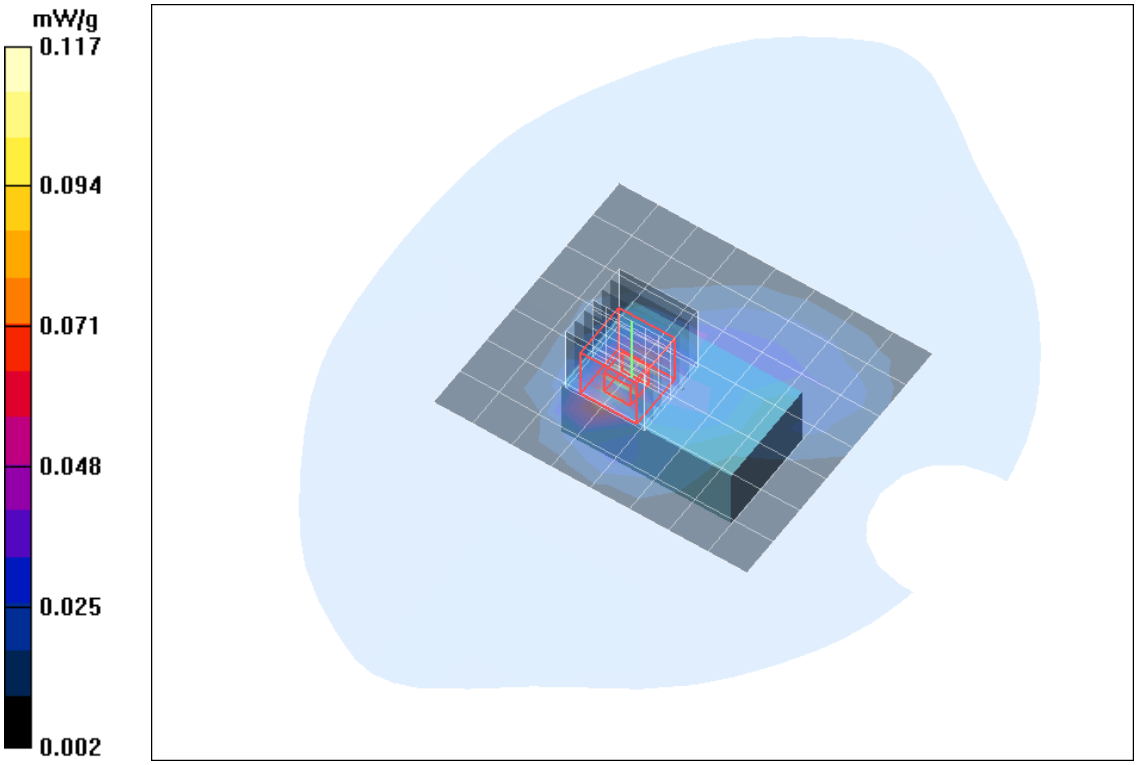

Fig. 1: SAR distribution for GPRS 850 (Class 12), channel 190, Position 1, (January 23, 2013; Ambient Temperature: 21.5°C; Liquid Temperature: 21.3°C).

1 SAR Distribution Plots, GPRS 1900 Body

Test Laboratory: Imst GmbH, DASY Yellow (II); File Name: SCA_340_yphh_1.da4

DUT: SCA Humidity Logger; Serial: 351579050121340
Program Name: GPRS 1900 (Class 12)

Communication System: GPRS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:2
Medium parameters used: f = 1909.8 MHz; σ = 1.58 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3536; ConvF(8.4, 8.4, 8.4); Calibrated: 24.09.2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 20.02.2012
- 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 (11x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.780 mW/g
Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.4 V/m; Power Drift = -0.069 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.749 mW/g; SAR(10 g) = 0.408 mW/g
Maximum value of SAR (measured) = 0.836 mW/g

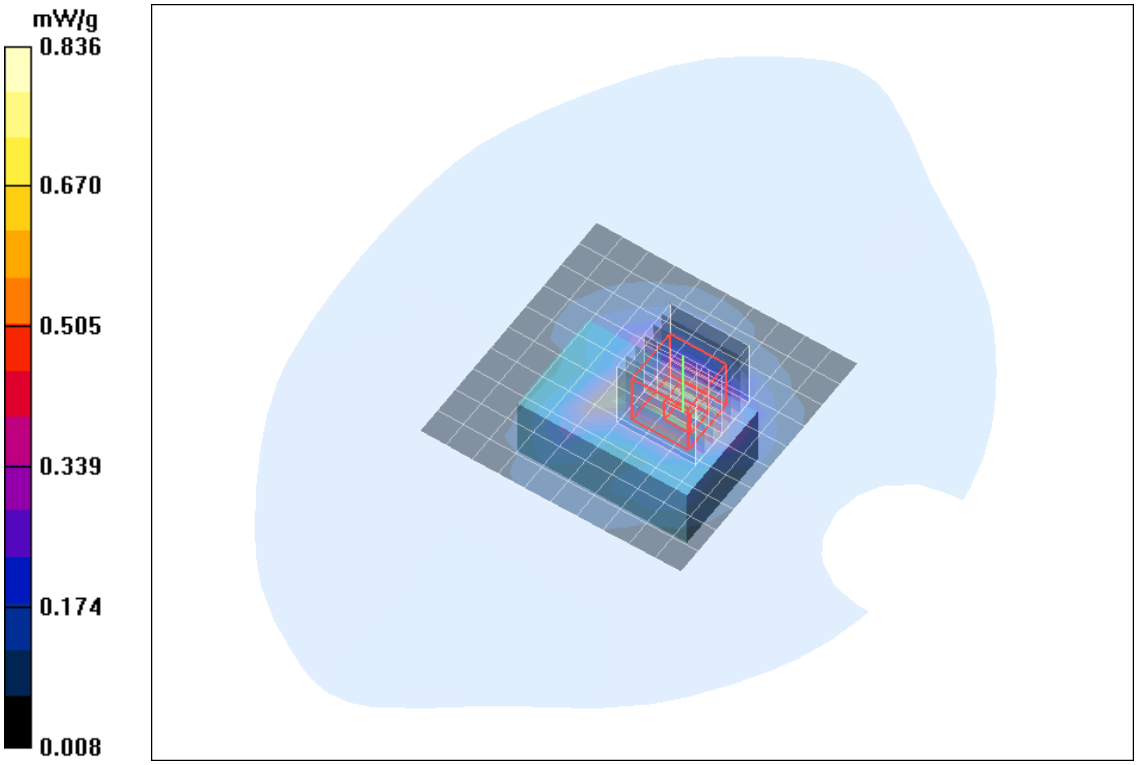

Fig. 2: SAR distribution for GPRS 1900 (Class 12), channel 810, Position 1 (January 18, 2013; Ambient Temperature: 21.7°C; Liquid Temperature: 21.6°C).

2 SAR Distribution Plots, WCDMA FDD II Body

Test Laboratory: Imst GmbH, DASY Yellow (II); File Name: SCA_340_yullhl_1.da4

DUT: SCA Humidity Logger; Serial: 351579050121340
Program Name: WCDMA II (FDD)

Communication System: WCDMA FDD Band II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.46 mho/m; ε_r = 53.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3536; ConvF(8.4, 8.4, 8.4); Calibrated: 24.09.2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 20.02.2012
- 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 (11x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.623 mW/g
Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.7 V/m; Power Drift = 0.093 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.619 mW/g; SAR(10 g) = 0.353 mW/g
Maximum value of SAR (measured) = 0.685 mW/g

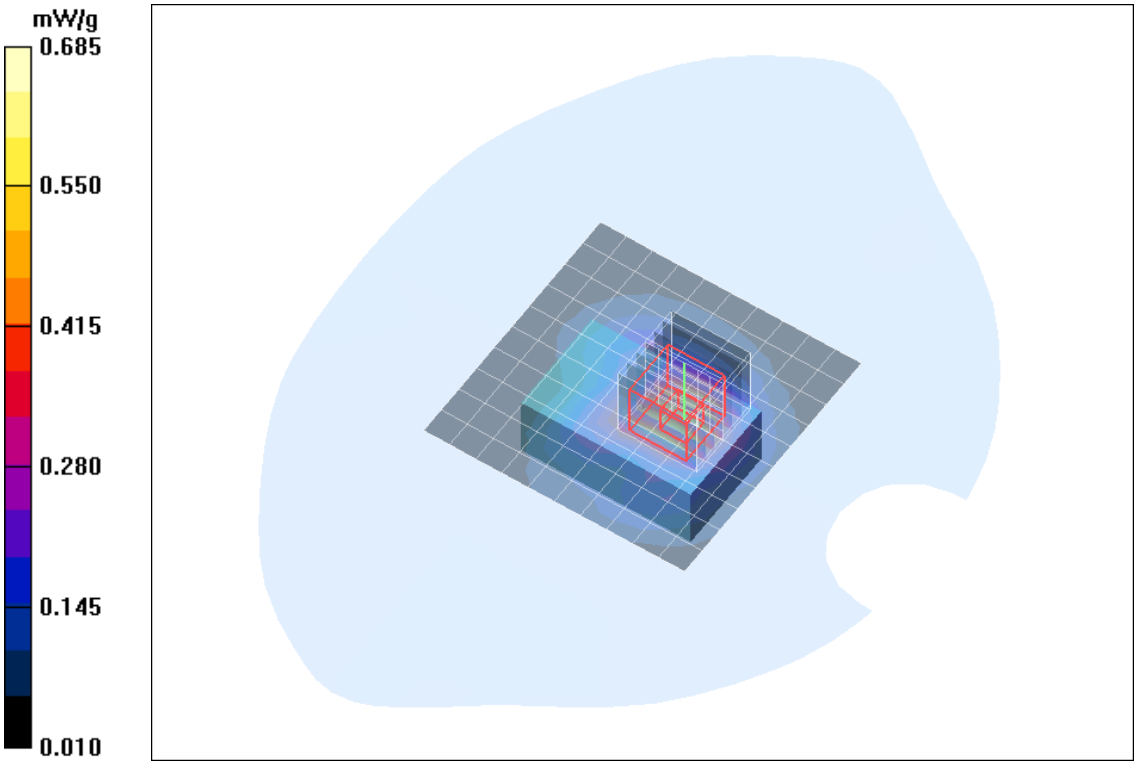

Fig. 3: SAR distribution for WCDMA II, channel 9262, Position 1 (January 17, 2013; Ambient Temperature: 21.8°C; Liquid Temperature: 21.6°C).

3 SAR Distribution Plots, WCDMA FDD IV Body

Test Laboratory: Imst GmbH, DASY Yellow (II); File Name: SCA_340_yuIVhl_1.da4

DUT: SCA Humidity Logger; Serial: 351579050121340
Program Name: WCDMA IV (FDD)

Communication System: WCDMA (FDD) Band IV; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1712.4 MHz; σ = 1.44 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6R - SN1669; ConvF(4.79, 4.79, 4.79); Calibrated: 19.02.2013
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 18.02.2013
- 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 (11x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.717 mW/g
Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.1 V/m; Power Drift = -0.185 dB
Peak SAR (extrapolated) = 0.898 W/kg
SAR(1 g) = 0.605 mW/g; SAR(10 g) = 0.356 mW/g
Maximum value of SAR (measured) = 0.674 mW/g

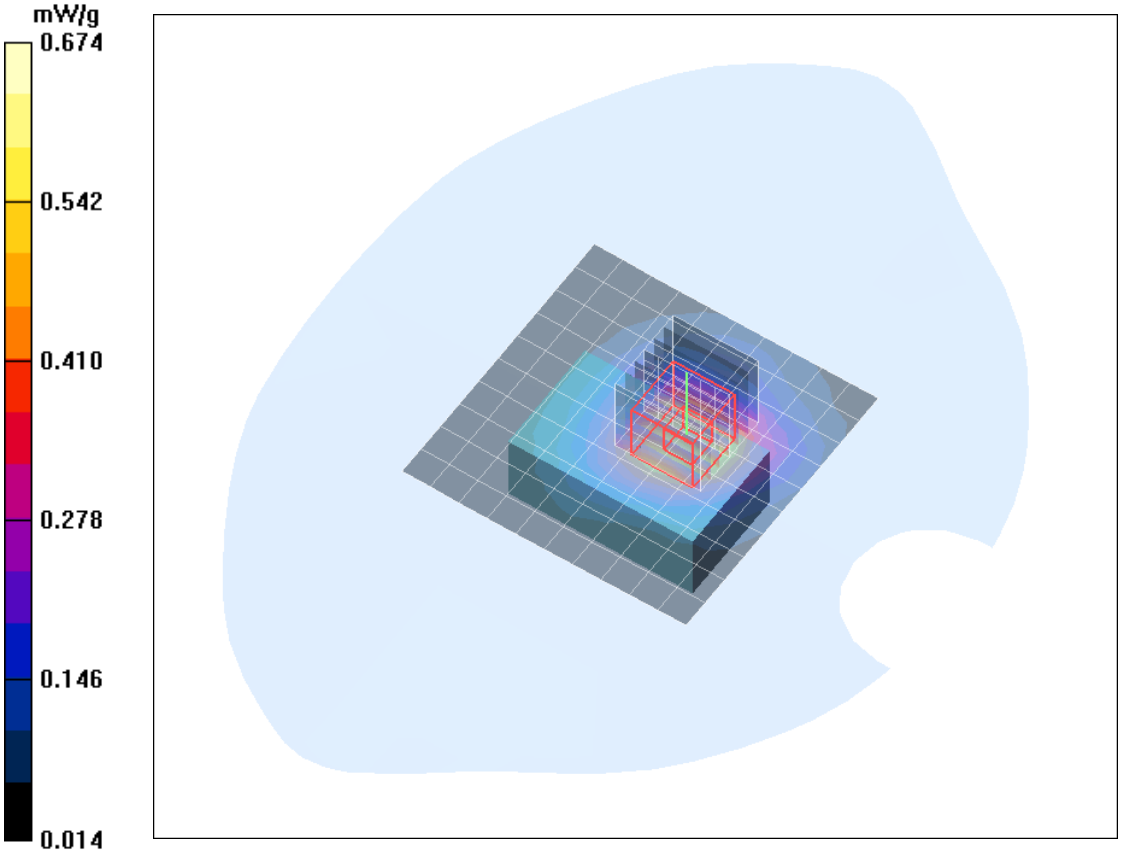

Fig. 4: SAR distribution for WCDMA IV, channel 1312, Position 1 (June 25, 2013; Ambient Temperature: 22.8°C; Liquid Temperature: 22.4°C).