

Appendix for the Report

Dosimetric Assessment of the Portable Device TENA Identifi Logger from SCA Hygiene Products (FCC ID: 2ABK3IDENTIFI) (IC: IC-10866A-61407)

According to the FCC Requirements SAR Distribution Plots

July 08, 2014

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The test results only relate to the items tested.

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1 SAR Distribution Plots, WCDMA V Body

Test Laboratory: IMST GmbH, DASY Blue (I); File Name: [SCA_340_bu5hl_1.da4](#)

DUT: SCA Humidity Logger; Serial: 351579050121340

Program Name: WCDMA 5 (FDD)

Communication System: WCDMA (FDD) Band V; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 56.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6R - SN1579; ConvF(6.25, 6.25, 6.25); Calibrated: 28.01.2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 23.01.2014
- Phantom: SAM Sugar 1059; Type: Speag; Serial: 1059
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.071 mW/g

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

Reference Value = 6.93 V/m; Power Drift = -0.161 dB

Peak SAR (extrapolated) = 0.144 W/kg

SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.036 mW/g

Maximum value of SAR (measured) = 0.074 mW/g

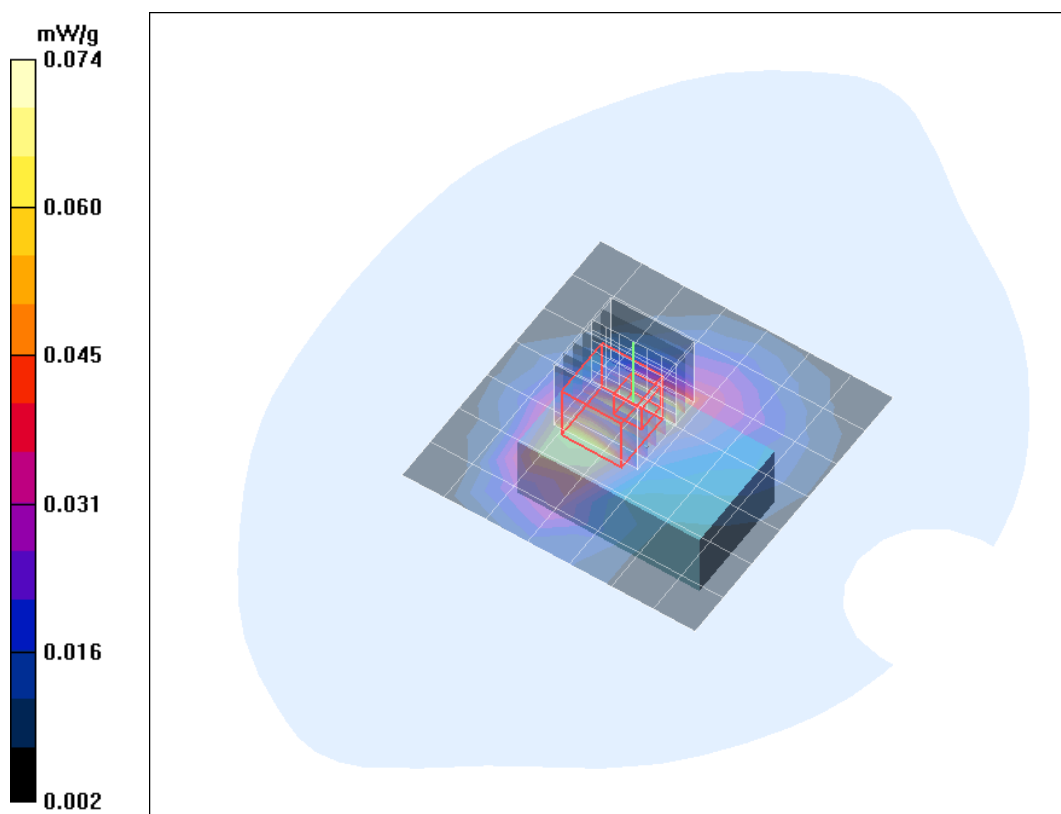


Fig. 1: SAR distribution for WCDMA V (FDD), channel 4132, Position 1, (July 04, 2014; Ambient Temperature: 21.6°C; Liquid Temperature: 21.2°C).