

SAR Distribution Plots

Appendix to the report:

Dosimetric Assessment of the Portable Device ICON 322 from Option Wireless Germany

According to the FCC requirements

FCC ID: NCMOGI0322

Product:

ICON 322

Option Wireless Technology

Date: August 18, 2008

Table of Contents

SAR DISTRIBUTION PLOTS, ORIENTATION 1	03
SAR DISTRIBUTION PLOTS, ORIENTATION 2	24
SAR DISTRIBUTION PLOTS, ORIENTATION 3	45
SAR DISTRIBUTION PLOTS, ORIENTATION 4	63
SAR DISTRIBUTION PLOTS, ORIENTATION 5	81
VARIOUS SWIVEL POSITIONS	99

Orientation 1 - GSM850 - GPRS - ch128

Test Laboratory: IMST GmbH, DASY Blue (I); File Name: [201bghl_1_3.da4](#)

DUT: Option ;
Program Name: Body 850

Communication System: GPRS 850; Frequency: 824.2 MHz; Duty Cycle: 1:2.6
Medium parameters used: $f = 824.2$ MHz; $\sigma = 1.04$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6R - SN1579; ConvF(6.24, 6.24, 6.24); Calibrated: 23.01.2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 08.02.2008
- Phantom: SAM Sugar 1059; Type: Speag; Serial: 1059
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn /Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.08 mW/g

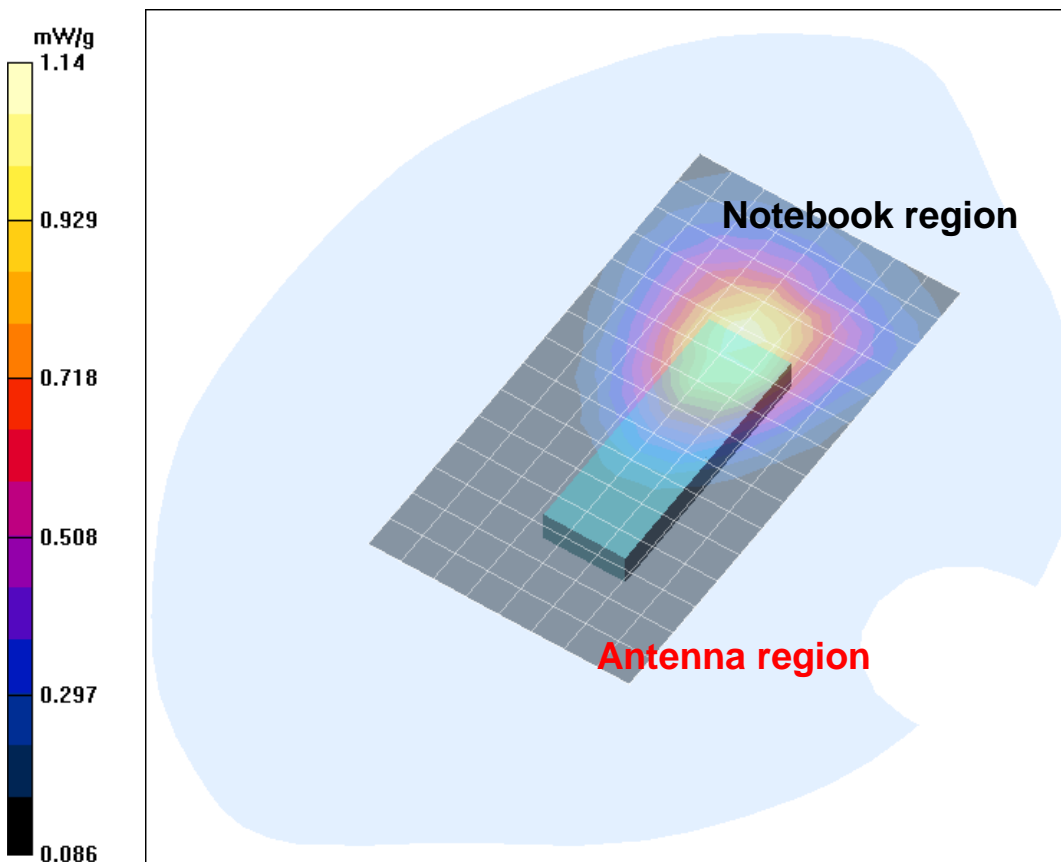
Body Worn/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.8 V/m; Power Drift = 0.039 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.678 mW/g

Maximum value of SAR (measured) = 1.14 mW/g



SAR distribution for GPRS 850 (Class 11), channel 128, Position 1 (Sony Vaio PCG-5G2M, June 23, 2008; Ambient Temperature: 23.0°C; Liquid Temperature: 21.6°C).

Orientation 1 - GSM850 - GPRS - ch190

Test Laboratory: IMST GmbH, DASY Blue (I); File Name: [201bghm_1_3.da4](#)

DUT: Option ;
Program Name: Body 850

Communication System: GPRS 850; Frequency: 836.6 MHz; Duty Cycle: 1:2.6
Medium parameters used: $f = 836.6$ MHz; $\sigma = 1.05$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6R - SN1579; ConvF(6.24, 6.24, 6.24); Calibrated: 23.01.2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 08.02.2008
- Phantom: SAM Sugar 1059; Type: Speag; Serial: 1059
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn /Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.32 mW/g

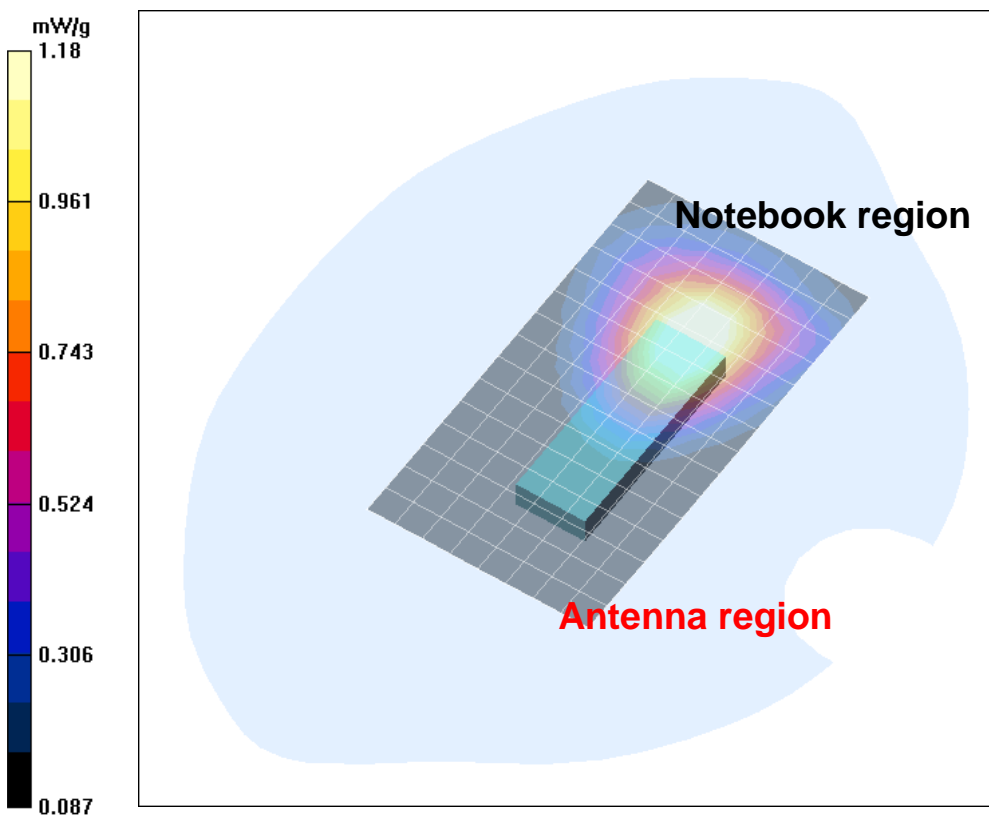
Body Worn /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.1 V/m; Power Drift = 0.176 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.709 mW/g

Maximum value of SAR (measured) = 1.18 mW/g



SAR distribution for GPRS 850 (Class 11), channel 190, Position 1 (Sony Vaio PCG-5G2M, June 23, 2008; Ambient Temperature: 23.0°C; Liquid Temperature: 21.6°C).

Orientation 1 - GSM850 - GPRS - ch251

Test Laboratory: IMST GmbH, DASY Blue (I); File Name: [201bggh_1_3.da4](#)

DUT: Option ;
Program Name: Body 850

Communication System: GPRS 850; Frequency: 848.8 MHz; Duty Cycle: 1:2.6
Medium parameters used: $f = 848.8$ MHz; $\sigma = 1.06$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6R - SN1579; ConvF(6.24, 6.24, 6.24); Calibrated: 23.01.2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 08.02.2008
- Phantom: SAM Sugar 1059; Type: Speag; Serial: 1059
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.26 mW/g

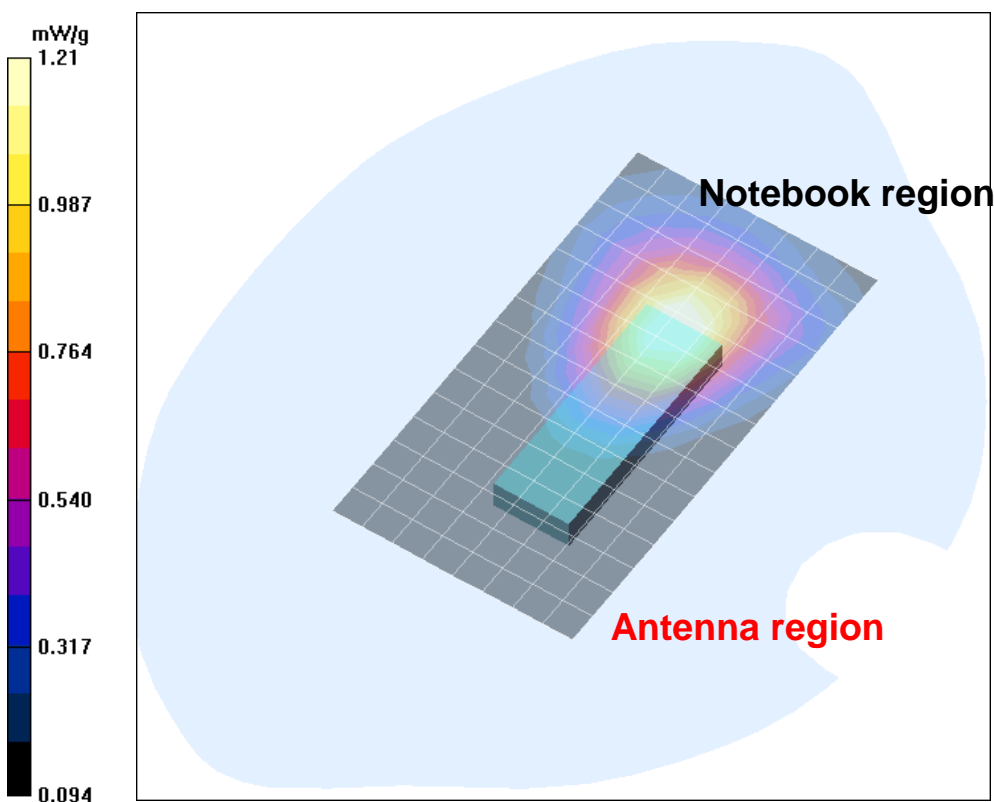
Body Worn/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.9 V/m; Power Drift = -0.199 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.722 mW/g

Maximum value of SAR (measured) = 1.21 mW/g



SAR distribution for GPRS 850 (Class 11), channel 251, Position 1 (Sony Vaio PCG-5G2M, June 23, 2008; Ambient Temperature: 23.0°C; Liquid Temperature: 21.6°C).

Orientation 1 – GSM1900 – GPRS – ch512

Test Laboratory: IMST GmbH, DASY Blue (I); File Name: [201bphl_1_3.da4](#)

DUT: Option ;
Program Name: Body 1900

Communication System: GPRS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.66
Medium parameters used (extrapolated): $f = 1850.2$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3536; ConvF(7.67, 7.67, 7.67); Calibrated: 18.09.2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn631; Calibrated: 17.09.2007
- Phantom: SAM Glycol 1176; Type: Speag; Serial: 1176
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

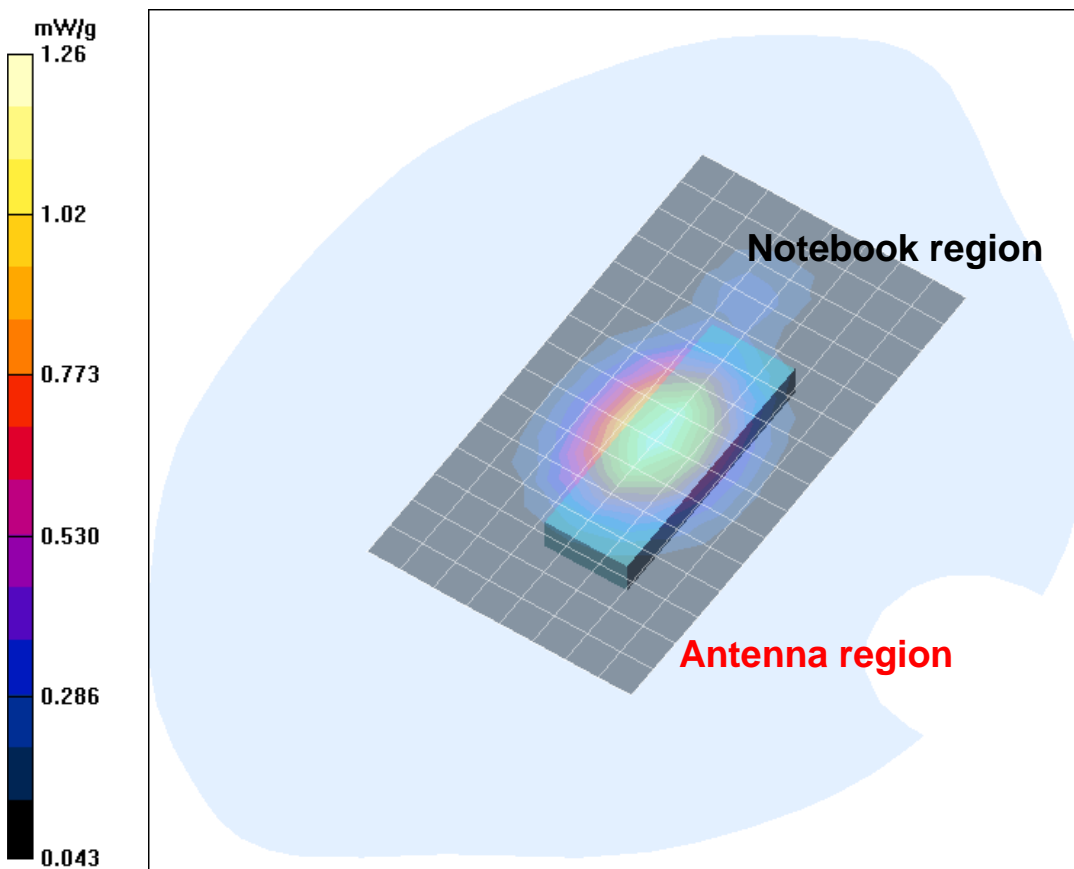
Maximum value of SAR (measured) = 1.26 mW/g

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

Reference Value = 26.6 V/m; Power Drift = -0.017 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.691 mW/g



SAR distribution for GPRS 1900 (Class 11), channel 512, Position 1 (Sony Vaio PCG-5G2M, June 24, 2008; Ambient Temperature: 22.9°C; Liquid Temperature: 21.5°C).

Orientation 1 – GSM1900 – GPRS – ch661

Test Laboratory: IMST GmbH, DASY Blue (I); File Name: [201bphm_1_3.da4](#)

DUT: Option ;
Program Name: Body 1900

Communication System: GPRS 1900; Frequency: 1880 MHz; Duty Cycle: 1:2.66
Medium parameters used (extrapolated): $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3536; ConvF(7.67, 7.67, 7.67); Calibrated: 18.09.2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn631; Calibrated: 17.09.2007
- Phantom: SAM Glycol 1176; Type: Speag; Serial: 1176
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.24 mW/g

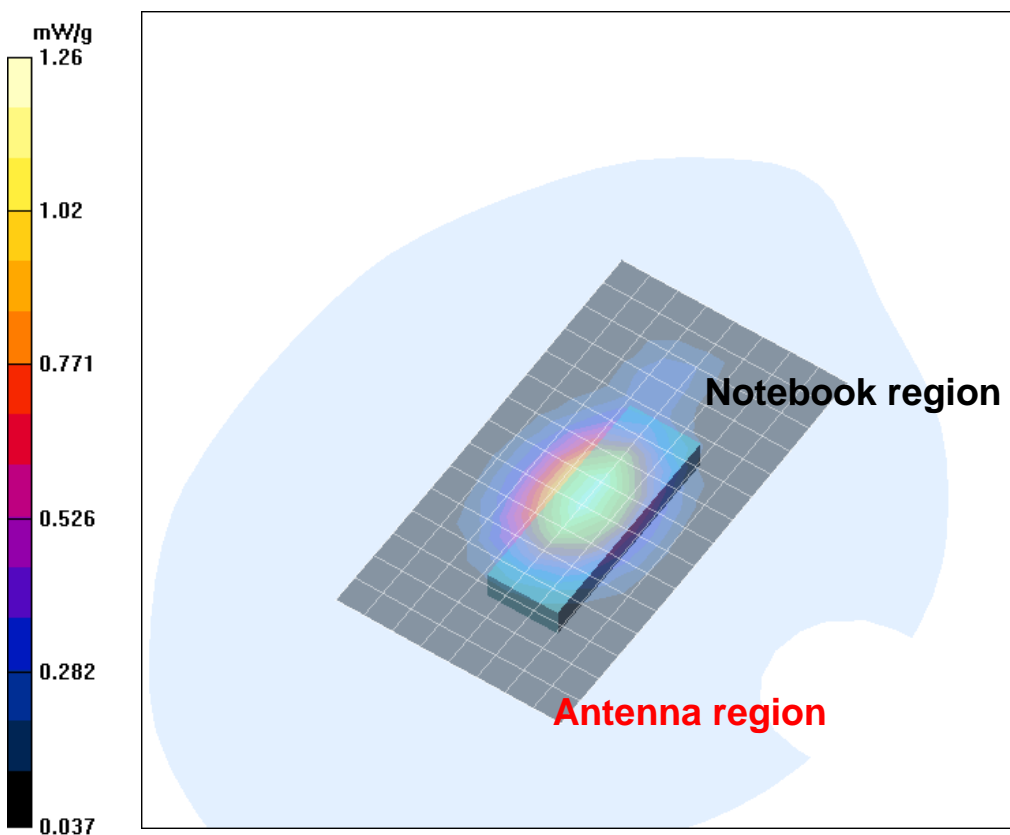
Body Worn/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.7 V/m; Power Drift = -0.113 dB

Peak SAR (extrapolated) = 1.82 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.691 mW/g

Maximum value of SAR (measured) = 1.26 mW/g



SAR distribution for GPRS 1900 (Class 11), channel 661, Position 1 (Sony Vaio PCG-5G2M, June 24, 2008; Ambient Temperature: 22.9°C; Liquid Temperature: 21.5°C).

Orientation 1 – GSM1900 – GPRS – ch810

Test Laboratory: IMST GmbH, DASY Blue (I); File Name: [201bpqh_1_3.da4](#)

DUT: Option ;
Program Name: Body 1900

Communication System: GPRS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.66
Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3536; ConvF(7.67, 7.67, 7.67); Calibrated: 18.09.2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn631; Calibrated: 17.09.2007
- Phantom: SAM Glycol 1176; Type: Speag; Serial: 1176
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

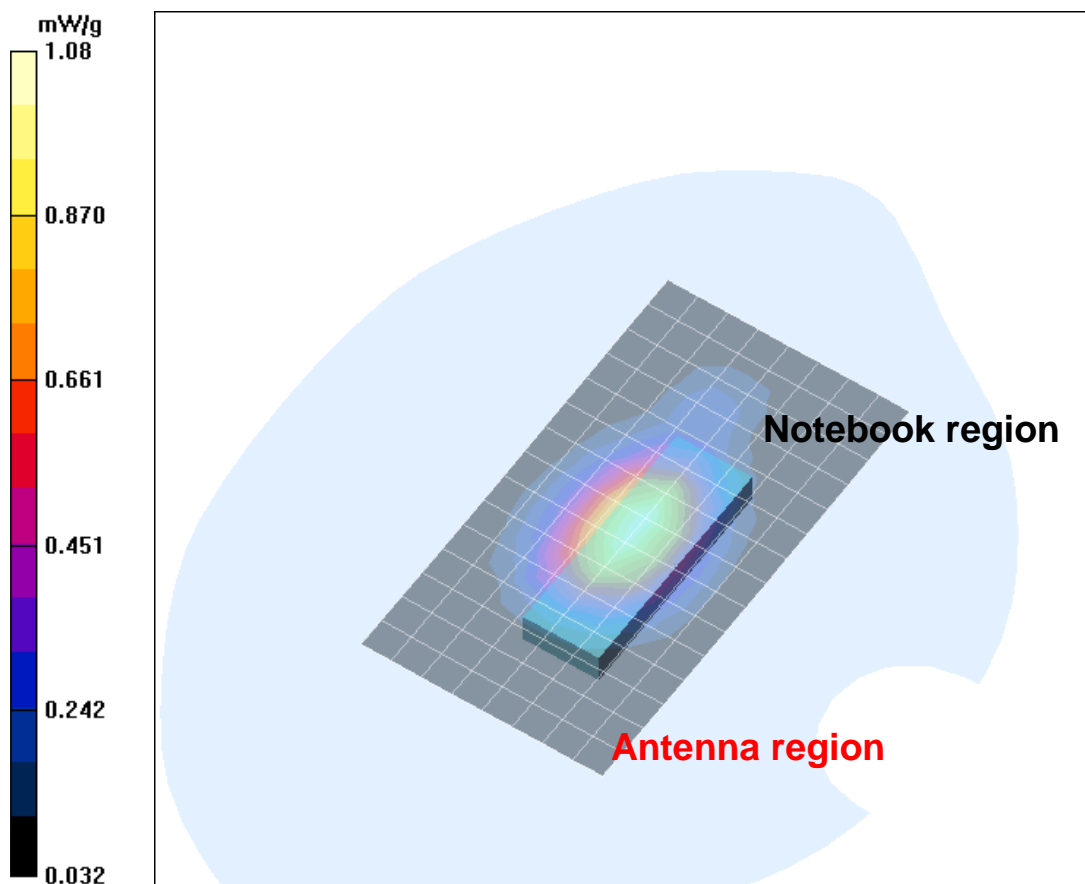
Maximum value of SAR (measured) = 1.08 mW/g

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

Reference Value = 24.0 V/m; Power Drift = -0.037 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.991 mW/g; SAR(10 g) = 0.589 mW/g



SAR distribution for GPRS 1900 (Class 11), channel 810, Position 1 (Sony Vaio PCG-5G2MT, June 24, 2008; Ambient Temperature: 22.9°C; Liquid Temperature: 21.5°C).

Orientation 1 - GSM850 - EDGE - ch128

Test Laboratory: IMST GmbH, DASY Blue (I); File Name: [201bghl_1_2.da4](#)

DUT: Option ;
Program Name: Body 850

Communication System: GPRS 850; Frequency: 824.2 MHz; Duty Cycle: 1:4
Medium parameters used: $f = 824.2$ MHz; $\sigma = 1.04$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6R - SN1579; ConvF(6.24, 6.24, 6.24); Calibrated: 23.01.2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 08.02.2008
- Phantom: SAM Sugar 1059; Type: Speag; Serial: 1059
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.435 mW/g

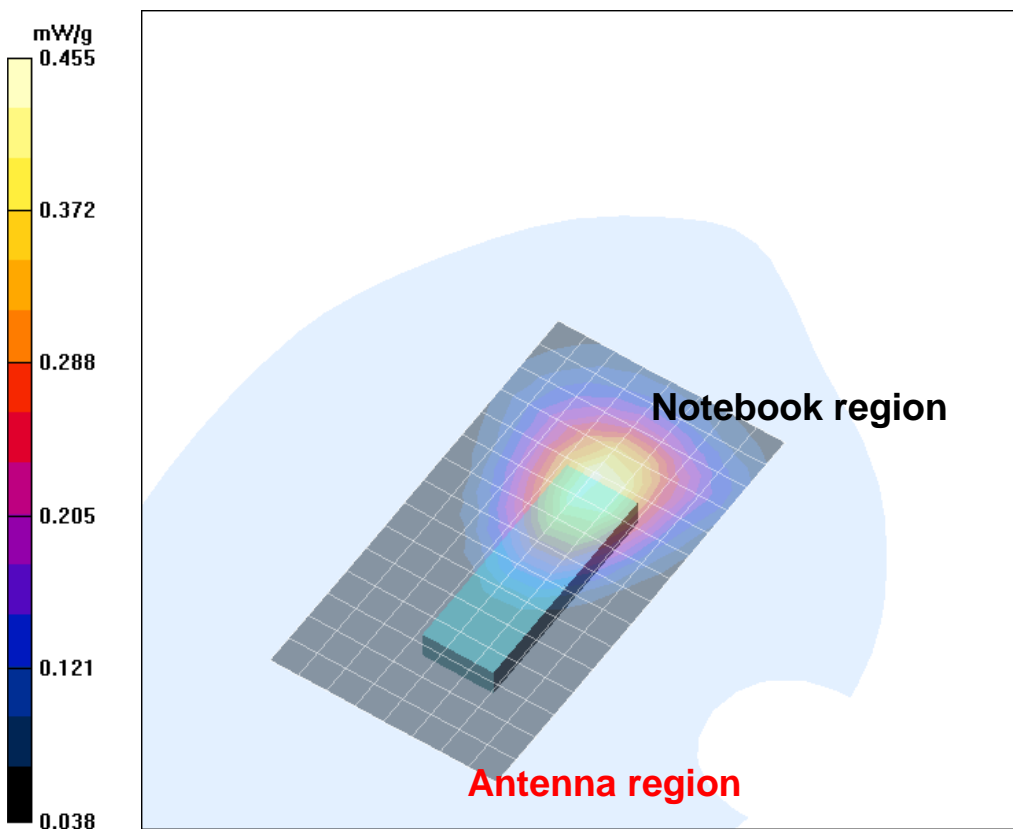
Body Worn/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.52 V/m; Power Drift = 0.024 dB

Peak SAR (extrapolated) = 0.605 W/kg

SAR(1 g) = 0.420 mW/g; SAR(10 g) = 0.273 mW/g

Maximum value of SAR (measured) = 0.455 mW/g



SAR distribution for EDGE 850 (Class 10), channel 128, Position 1 (Sony Vaio PCG-5G2M, June 23, 2008; Ambient Temperature: 23.0°C; Liquid Temperature: 21.6°C).

Orientation 1 - GSM850 - EDGE - ch190

Test Laboratory: IMST GmbH, DASY Blue (I); File Name: [201bghm_1_2.da4](#)

DUT: Option ;
Program Name: Body 850

Communication System: GPRS 850; Frequency: 836.6 MHz; Duty Cycle: 1:4
Medium parameters used: $f = 836.6$ MHz; $\sigma = 1.05$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6R - SN1579; ConvF(6.24, 6.24, 6.24); Calibrated: 23.01.2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 08.02.2008
- Phantom: SAM Sugar 1059; Type: Speag; Serial: 1059
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.365 mW/g

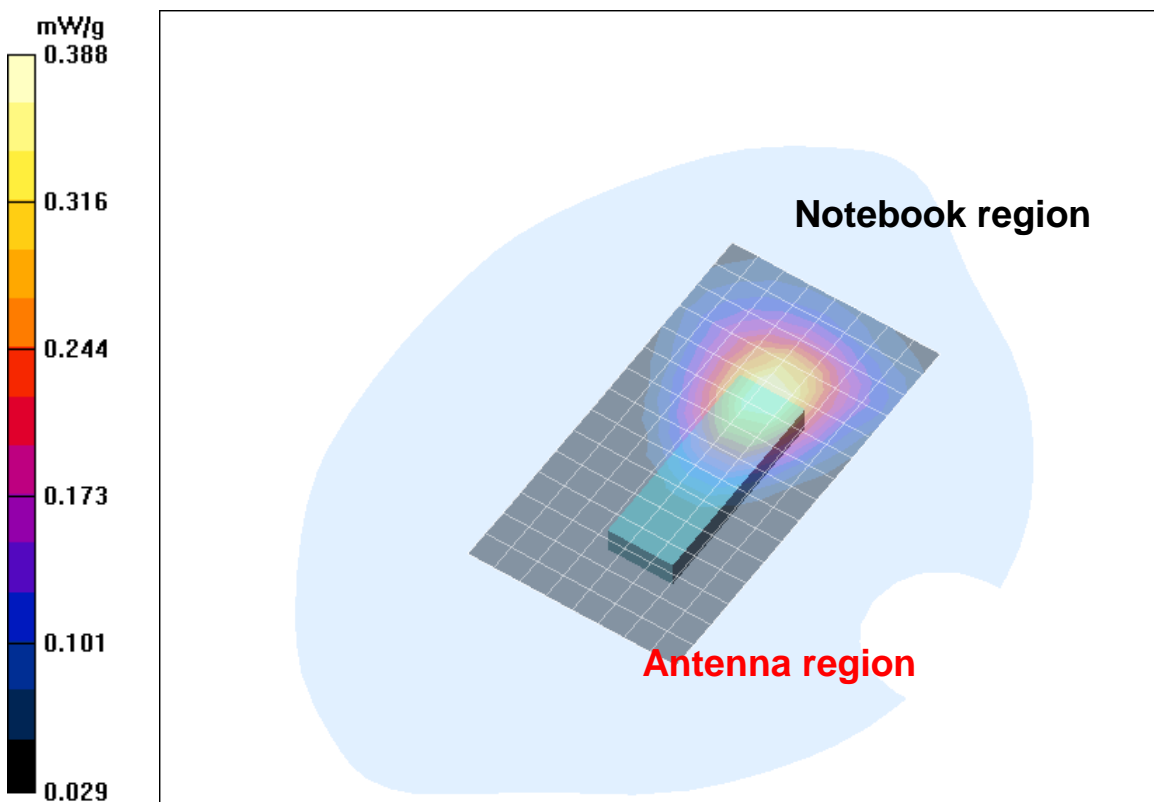
Body Worn/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.29 V/m; Power Drift = 0.143 dB

Peak SAR (extrapolated) = 0.523 W/kg

SAR(1 g) = 0.359 mW/g; SAR(10 g) = 0.231 mW/g

Maximum value of SAR (measured) = 0.388 mW/g



SAR distribution for EDGE 850 (Class 10), channel 190, Position 1 (Sony Vaio PCG-5G2M, June 23, 2008; Ambient Temperature: 23.0°C; Liquid Temperature: 21.6°C).

Orientation 1 - GSM850 - EDGE - ch251

Test Laboratory: IMST GmbH, DASY Blue (I); File Name: [201bggh_1_2.da4](#)

DUT: Option ;
Program Name: Body 850

Communication System: GPRS 850; Frequency: 848.8 MHz; Duty Cycle: 1:4
Medium parameters used: $f = 848.8$ MHz; $\sigma = 1.06$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6R - SN1579; ConvF(6.24, 6.24, 6.24); Calibrated: 23.01.2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 08.02.2008
- Phantom: SAM Sugar 1059; Type: Speag; Serial: 1059
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.326 mW/g

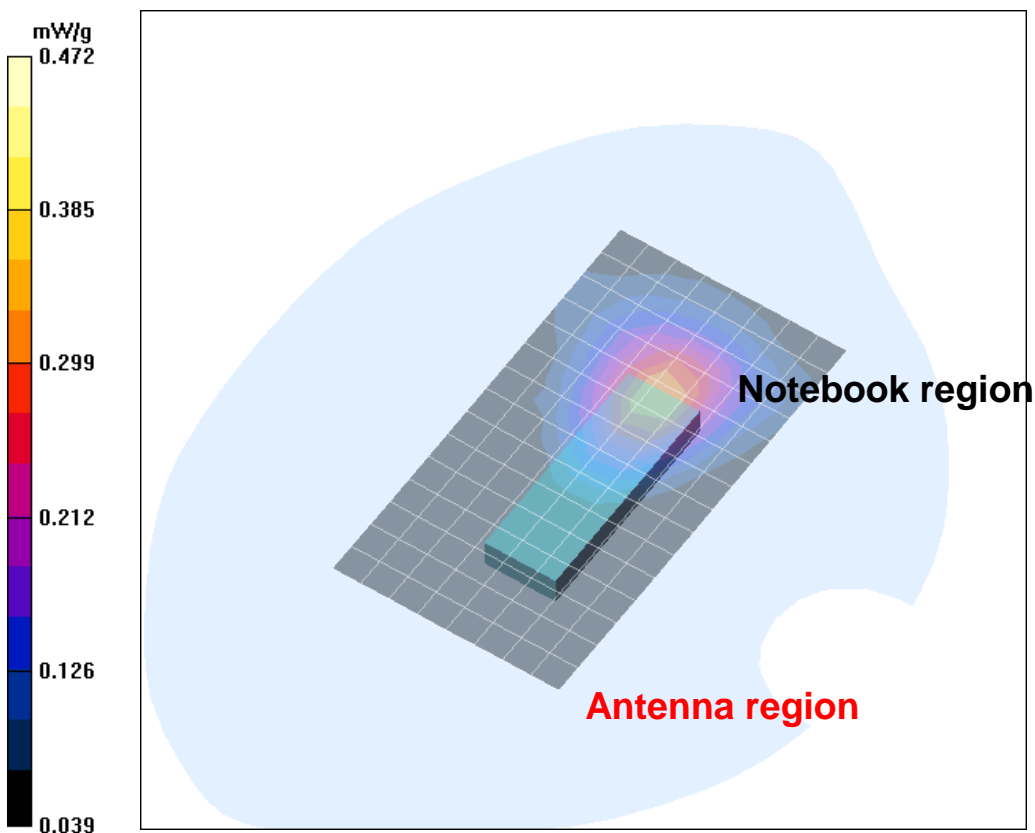
Body Worn/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.62 V/m; Power Drift = 0.179 dB

Peak SAR (extrapolated) = 0.628 W/kg

SAR(1 g) = 0.429 mW/g; SAR(10 g) = 0.279 mW/g

Maximum value of SAR (measured) = 0.472 mW/g



SAR distribution for EDGE 850 (Class 10), channel 251, Position 1 (Sony Vaio PCG-5G2M, June 23, 2008; Ambient Temperature: 23.0°C; Liquid Temperature: 21.6°C).

Orientation 1 – GSM1900 – EDGE – ch512

Test Laboratory: IMST GmbH, DASY Blue (I); File Name: [201bphl_1_3_mcs5.da4](#)

DUT: Option ;
Program Name: Body 1900

Communication System: GPRS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.66
Medium parameters used (extrapolated): $f = 1850.2$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3536; ConvF(7.67, 7.67, 7.67); Calibrated: 18.09.2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn631; Calibrated: 17.09.2007
- Phantom: SAM Glycol 1176; Type: Speag; Serial: 1176
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.339 mW/g

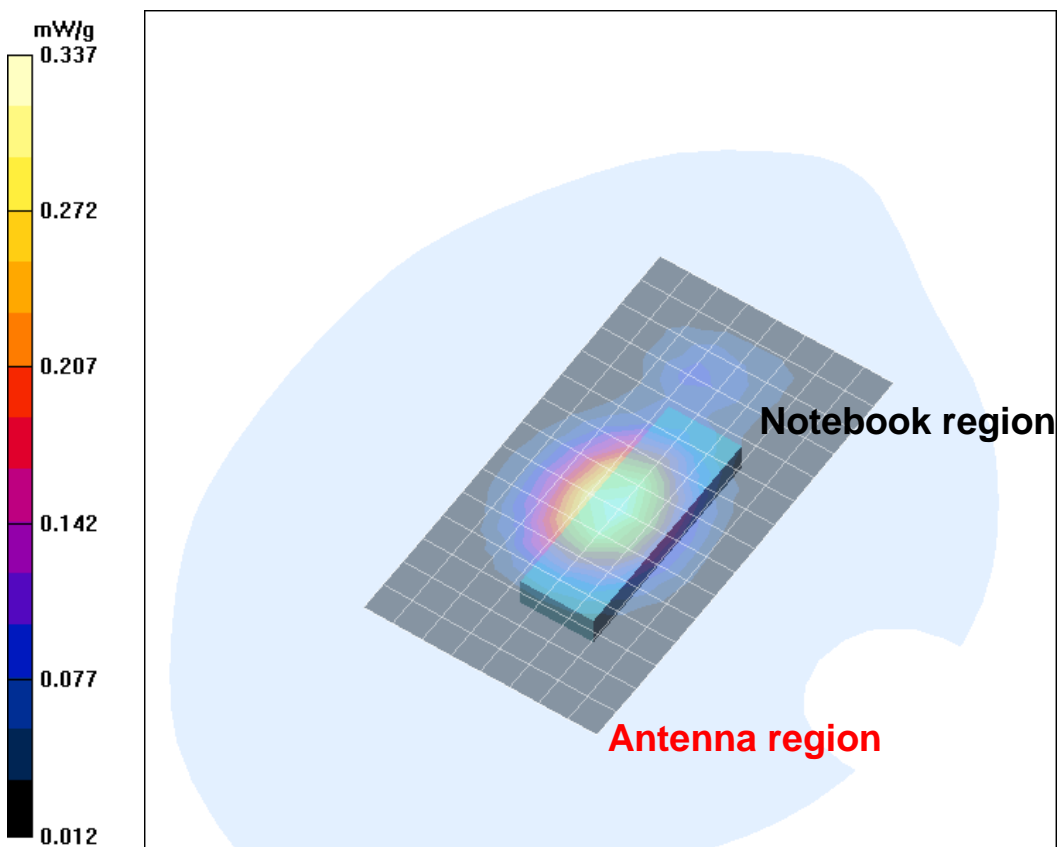
Body Worn/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.9 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.494 W/kg

SAR(1 g) = 0.310 mW/g; SAR(10 g) = 0.186 mW/g

Maximum value of SAR (measured) = 0.337 mW/g



SAR distribution for EDGE 1900 (Class 11), channel 512, Position 1 (Sony Vaio PCG-5G2MT, June 24, 2008; Ambient Temperature: 22.9°C; Liquid Temperature: 21.5°C).

Orientation 1 – GSM1900 – EDGE – ch661

Test Laboratory: IMST GmbH, DASY Blue (I); File Name: [201bphm_1_3_mcs5.da4](#)

DUT: Option ;
Program Name: Body 1900

Communication System: GPRS 1900; Frequency: 1880 MHz; Duty Cycle: 1:2.66
Medium parameters used (extrapolated): $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3536; ConvF(7.67, 7.67, 7.67); Calibrated: 18.09.2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn631; Calibrated: 17.09.2007
- Phantom: SAM Glycol 1176; Type: Speag; Serial: 1176
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.297 mW/g

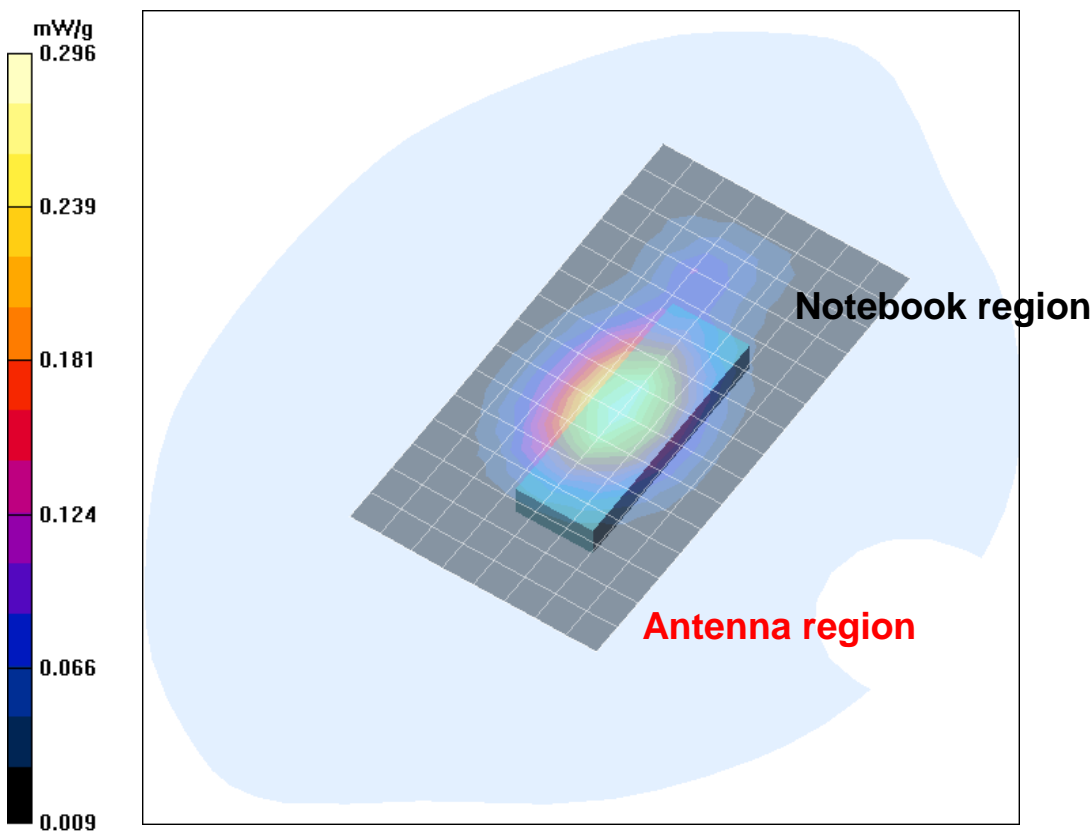
Body Worn/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.1 V/m; Power Drift = 0.197 dB

Peak SAR (extrapolated) = 0.437 W/kg

SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.163 mW/g

Maximum value of SAR (measured) = 0.296 mW/g



SAR distribution for EDGE 1900 (Class 11), channel 661, Position 1 (Sony Vaio PCG-5G2MT, June 24, 2008; Ambient Temperature: 22.9°C; Liquid Temperature: 21.5°C).

Orientation 1 – GSM1900 – EDGE – ch810

Test Laboratory: IMST GmbH, DASY Blue (I); File Name: [201bphh_1_3_mcs5.da4](#)

DUT: Option ;
Program Name: Body 1900

Communication System: GPRS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.66
Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3536; ConvF(7.67, 7.67, 7.67); Calibrated: 18.09.2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn631; Calibrated: 17.09.2007
- Phantom: SAM Glycol 1176; Type: Speag; Serial: 1176
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.268 mW/g

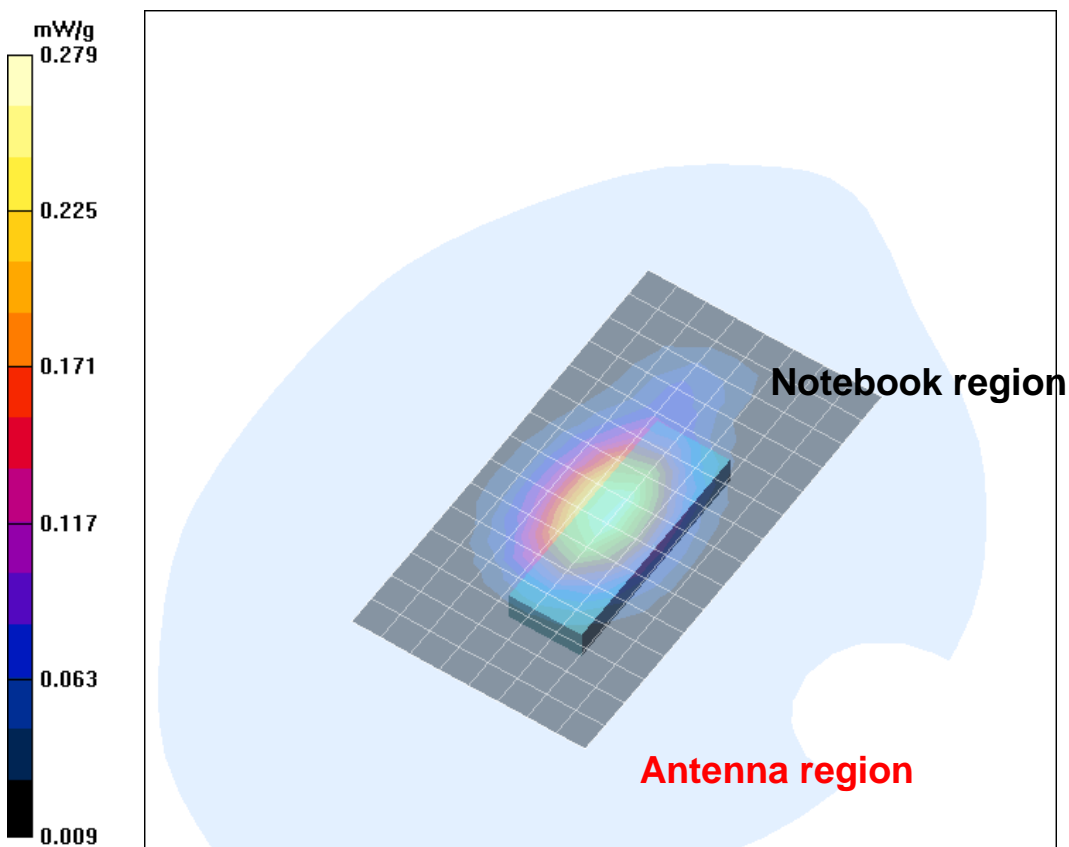
Body Worn/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.3 V/m; Power Drift = 0.048 dB

Peak SAR (extrapolated) = 0.417 W/kg

SAR(1 g) = 0.257 mW/g; SAR(10 g) = 0.151 mW/g

Maximum value of SAR (measured) = 0.279 mW/g



SAR distribution for EDGE 1900 (Class 11), channel 810, Position 1 (Sony Vaio PCG-5G2MT, June 24, 2008; Ambient Temperature: 22.9°C; Liquid Temperature: 21.5°C).

Orientation 1 - WCDMA II - ch9262

Test Laboratory: IMST GmbH, DASY Blue (I); File Name: [201blhl_1.da4](#)

DUT: Option ;

Program Name: Body WCDMA II

Communication System: WCDMA FDD Band II; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 1852.4$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3536; ConvF(7.67, 7.67, 7.67); Calibrated: 18.09.2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn631; Calibrated: 17.09.2007
- Phantom: SAM Glycol 1176; Type: Speag; Serial: 1176
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.811 mW/g

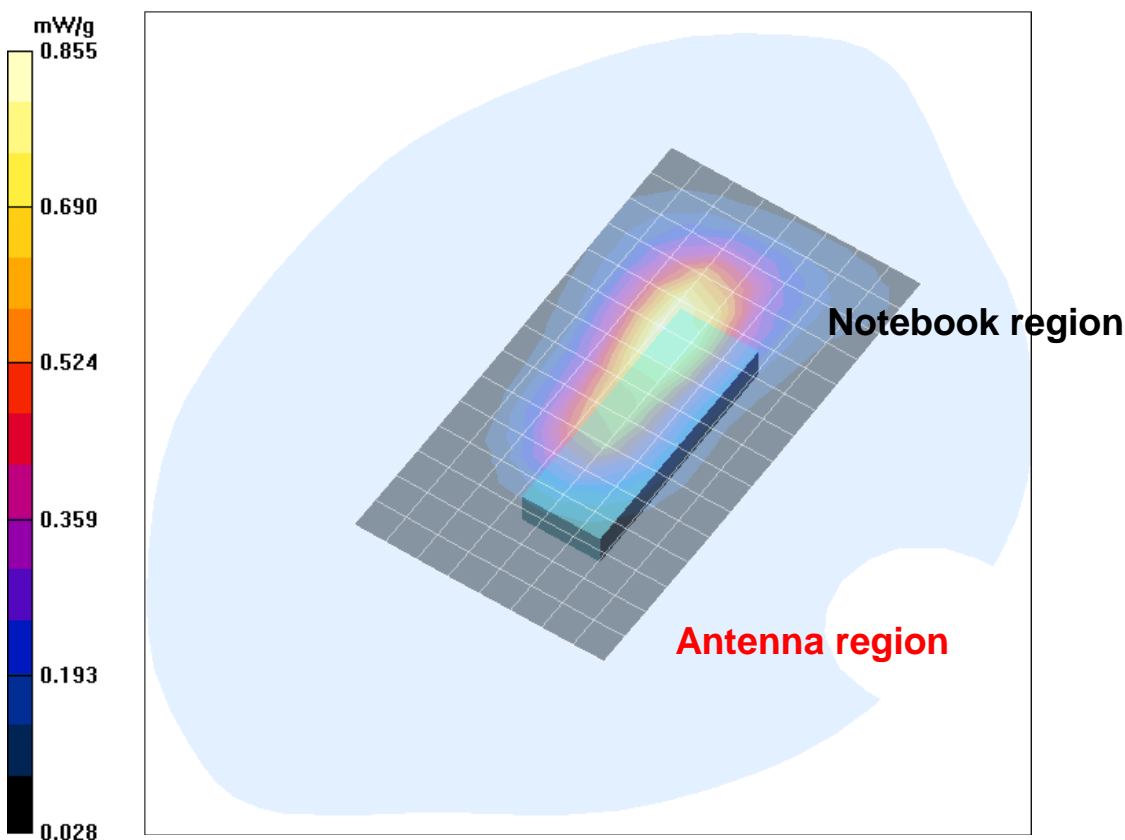
Body Worn/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.0 V/m; Power Drift = 0.122 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.778 mW/g; SAR(10 g) = 0.469 mW/g

Maximum value of SAR (measured) = 0.855 mW/g



SAR distribution for WCDMA II, channel 9262, Position 1 (Sony Vaio PCG-5G2M, June 24, 2008; Ambient Temperature: 22.9°C; Liquid Temperature: 21.5°C).

Orientation 1 - WCDMA II - ch9400

Test Laboratory: IMST GmbH, DASY Blue (I); File Name: [201blhm_1.da4](#)

DUT: Option ;

Program Name: Body WCDMA II

Communication System: WCDMA FDD Band II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3536; ConvF(7.67, 7.67, 7.67); Calibrated: 18.09.2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn631; Calibrated: 17.09.2007
- Phantom: SAM Glycol 1176; Type: Speag; Serial: 1176
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.09 mW/g

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

Reference Value = 22.1 V/m; Power Drift = 0.183 dB

Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.650 mW/g

Maximum value of SAR (measured) = 1.20 mW/g

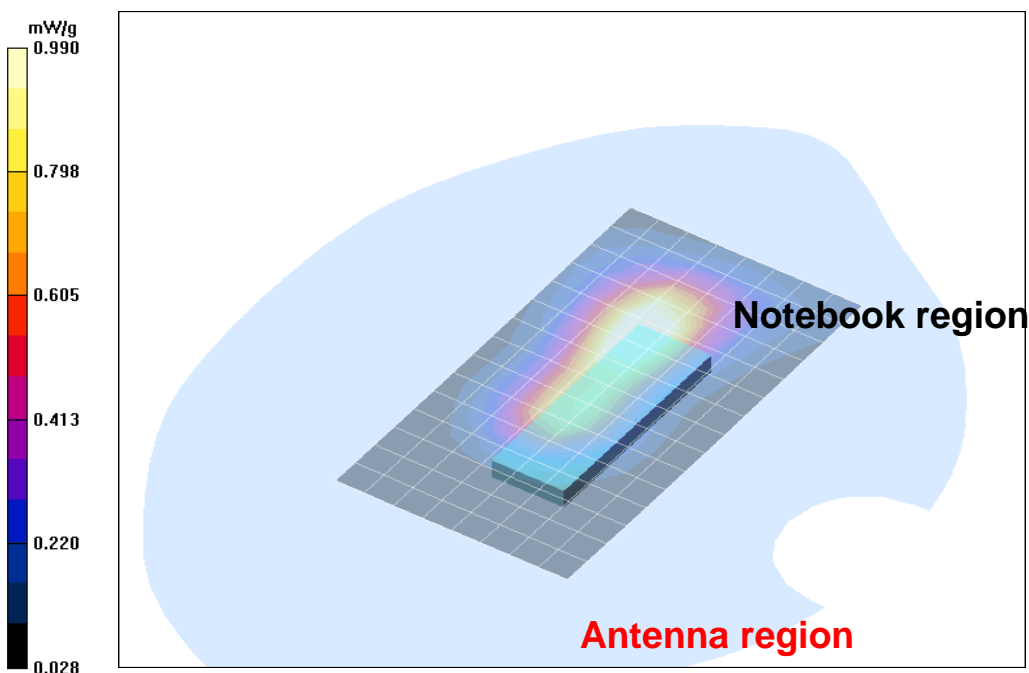
Body Worn/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.1 V/m; Power Drift = 0.183 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.851 mW/g; SAR(10 g) = 0.496 mW/g

Maximum value of SAR (measured) = 0.990 mW/g



SAR distribution for WCDMA II, channel 9400, Position 1 (Sony Vaio PCG-5G2M, June 24, 2008; Ambient Temperature: 22.9°C; Liquid Temperature: 21.5°C).

Orientation 1 – WCDMA II – ch9538

Test Laboratory: IMST GmbH, DASY Blue (I); File Name: [201blhh_1.da4](#)

DUT: Option ;
Program Name: WCDMA II

Communication System: WCDMA FDD Band II; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3536; ConvF(7.67, 7.67, 7.67); Calibrated: 18.09.2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn631; Calibrated: 17.09.2007
- Phantom: SAM Glycol 1176; Type: Speag; Serial: 1176
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.950 mW/g

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

Reference Value = 21.6 V/m; Power Drift = 0.008 dB

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.885 mW/g; SAR(10 g) = 0.516 mW/g

Maximum value of SAR (measured) = 0.974 mW/g

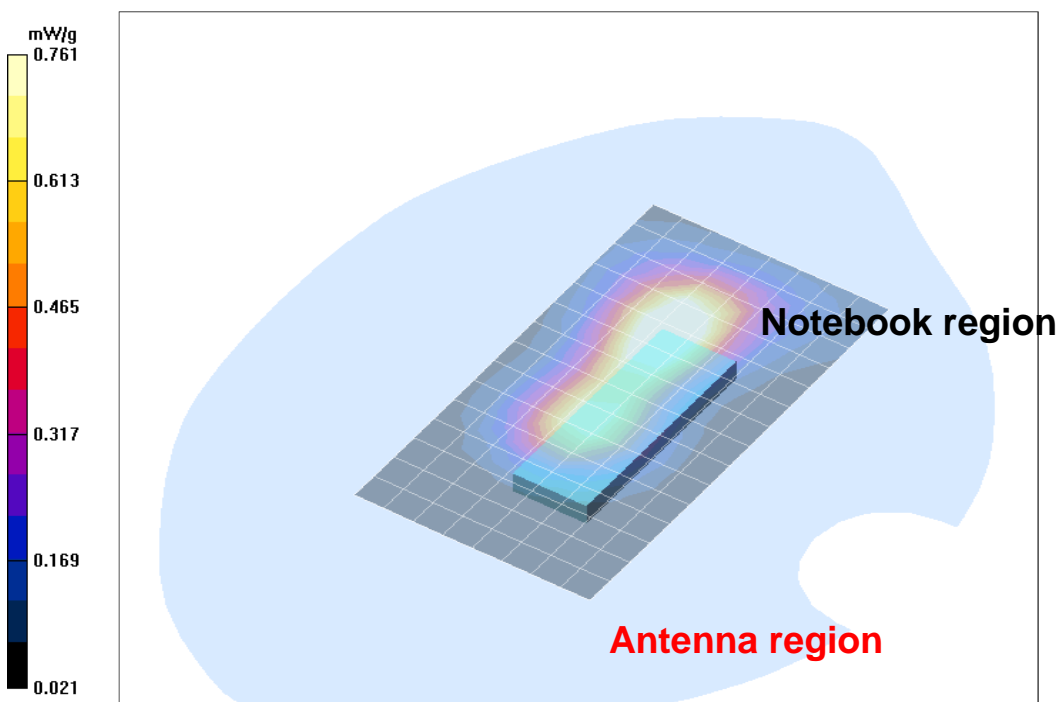
Body Worn/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.6 V/m; Power Drift = 0.008 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.698 mW/g; SAR(10 g) = 0.402 mW/g

Maximum value of SAR (measured) = 0.761 mW/g



SAR distribution for WCDMA II, channel 9538, Position 1 (Sony Vaio PCG-5G2M, June 24, 2008; Ambient Temperature: 22.9°C; Liquid Temperature: 21.5°C).

Orientation 1 – WCDMA V – ch4132

Test Laboratory: IMST GmbH, DASY Blue (I); File Name: [201bVhl_1.da4](#)

DUT: Option ;
Program Name: Body 850

Communication System: WCDMA (FDD) Band V; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 1.04$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6R – SN1579; ConvF(6.24, 6.24, 6.24); Calibrated: 23.01.2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 08.02.2008
- Phantom: SAM Sugar 1059; Type: Speag; Serial: 1059
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.947 mW/g

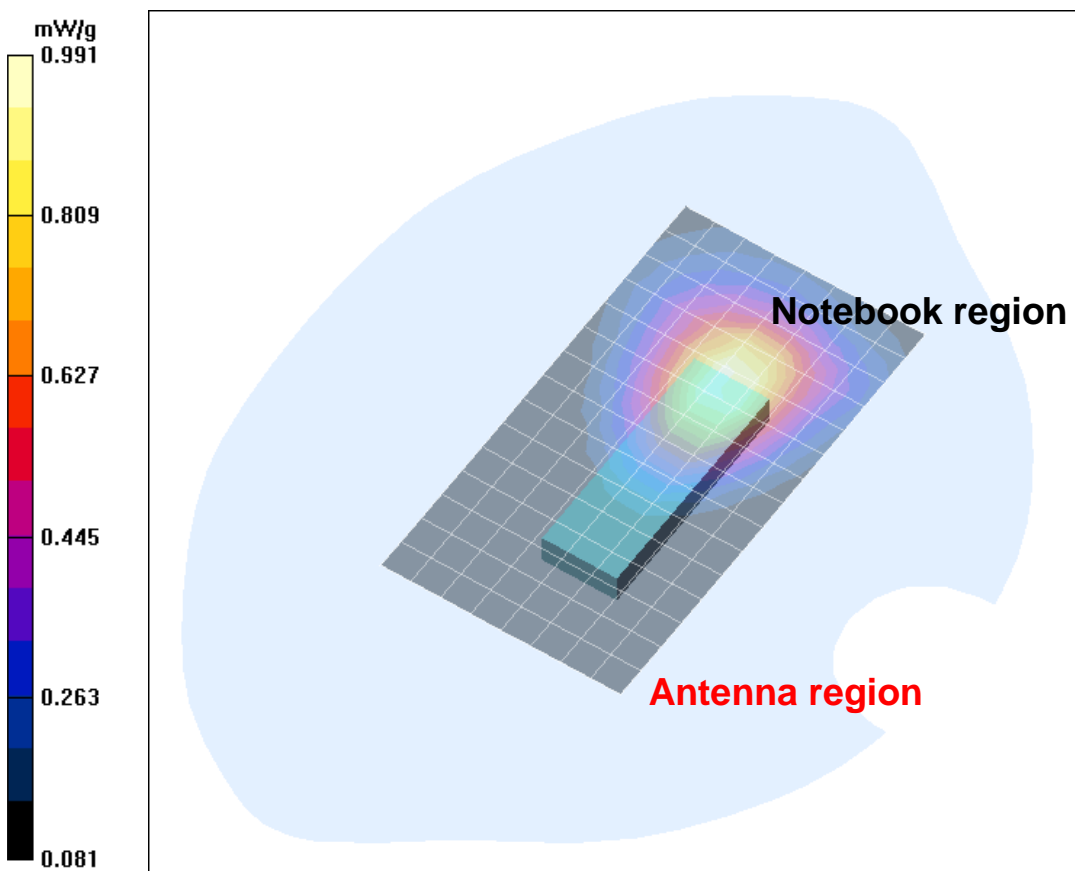
Body Worn/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.1 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.916 mW/g; SAR(10 g) = 0.595 mW/g

Maximum value of SAR (measured) = 0.991 mW/g



SAR distribution for WCDMA V, channel 4132, Position 1 (Sony Vaio PCG-5G2M, June 23, 2008; Ambient Temperature: 23.0°C; Liquid Temperature: 21.6°C).

Orientation 1 – WCDMA V – ch4183

Test Laboratory: IMST GmbH, DASY Blue (I); File Name: [201bVhm_1.da4](#)

DUT: Option ;
Program Name: Body 850

Communication System: WCDMA (FDD) Band V; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 1.05$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6R – SN1579; ConvF(6.24, 6.24, 6.24); Calibrated: 23.01.2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 08.02.2008
- Phantom: SAM Sugar 1059; Type: Speag; Serial: 1059
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.725 mW/g

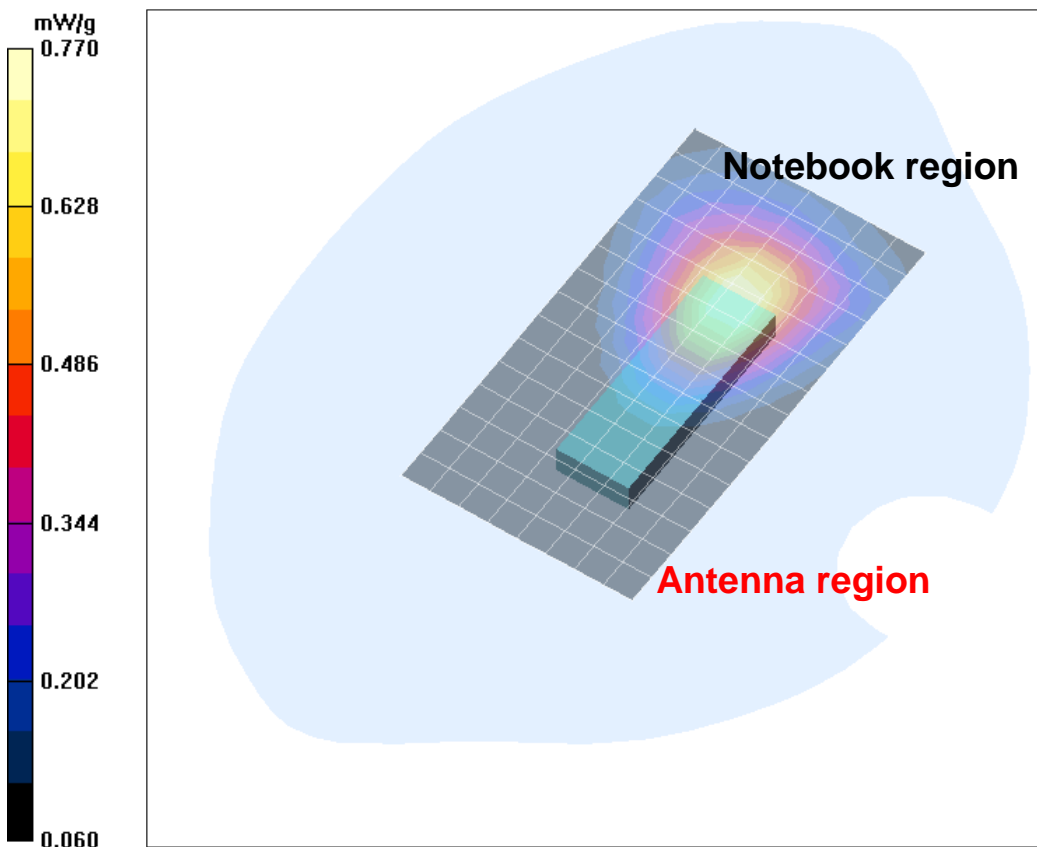
Body Worn/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.6 V/m; Power Drift = 0.165 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.714 mW/g; SAR(10 g) = 0.461 mW/g

Maximum value of SAR (measured) = 0.770 mW/g



SAR distribution for WCDMA V, channel 4183, Position 1 (Sony Vaio PCG-5G2M, June 23, 2008; Ambient Temperature: 23.0°C; Liquid Temperature: 21.6°C).

Orientation 1 – WCDMA V – ch4233

Test Laboratory: IMST GmbH, DASY Blue (I); File Name: [201bVhh_1.da4](#)

DUT: Option ;
Program Name: Body 850

Communication System: WCDMA (FDD) Band V; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 1.06$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6R – SN1579; ConvF(6.24, 6.24, 6.24); Calibrated: 23.01.2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 08.02.2008
- Phantom: SAM Sugar 1059; Type: Speag; Serial: 1059
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.878 mW/g

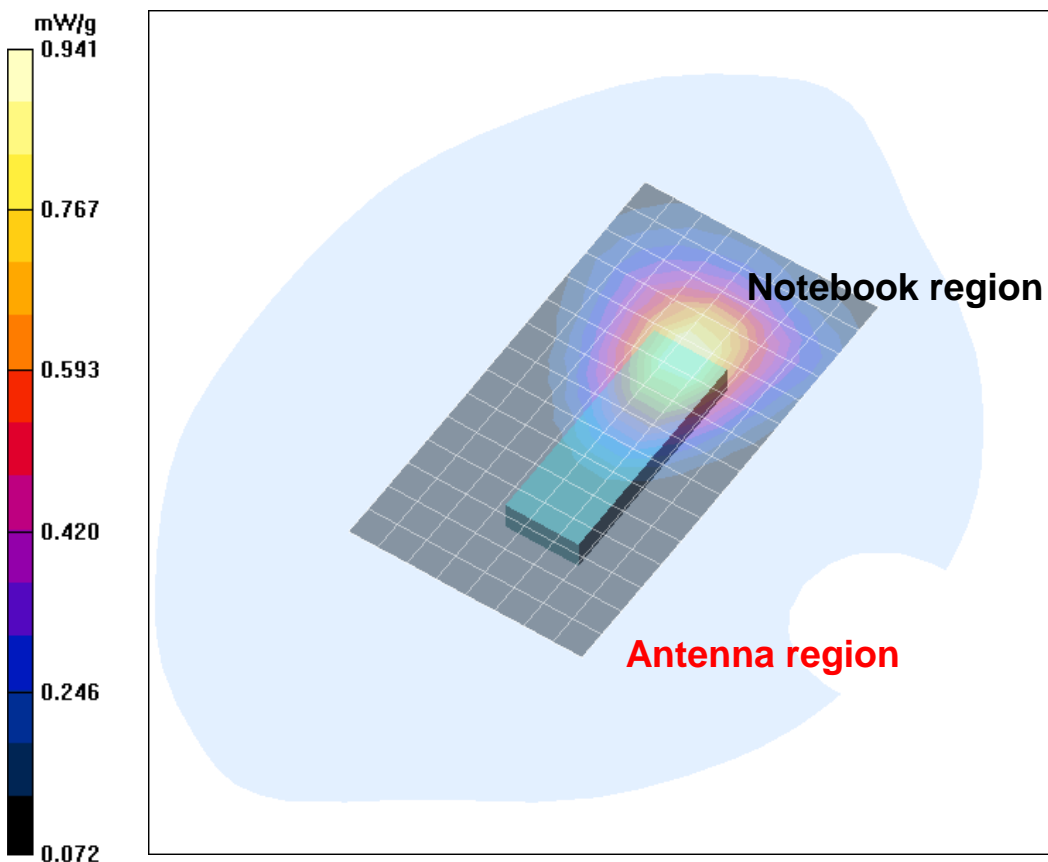
Body Worn/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.7 V/m; Power Drift = 0.065 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.865 mW/g; SAR(10 g) = 0.557 mW/g

Maximum value of SAR (measured) = 0.941 mW/g



SAR distribution for WCDMA V, channel 4233, Position 1 (Sony Vaio PCG-5G2M, June 23, 2008; Ambient Temperature: 23.0°C; Liquid Temperature: 21.6°C).

Orientation 1 – HSDPA subtest 1 – ch4132

Test Laboratory: EMC Department Kamp-Lintfort

080807FaemaWCDMA-V-ch4132imei6572_P1_180_HSDPA_b

DUT: Faema; Type: USB Data Card; Serial: First Board

Communication System: FDD5; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used: $\sigma = 0.93$ mho/m, $\epsilon_r = 54.18$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 – SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Faemar P1_180G/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.888 mW/g

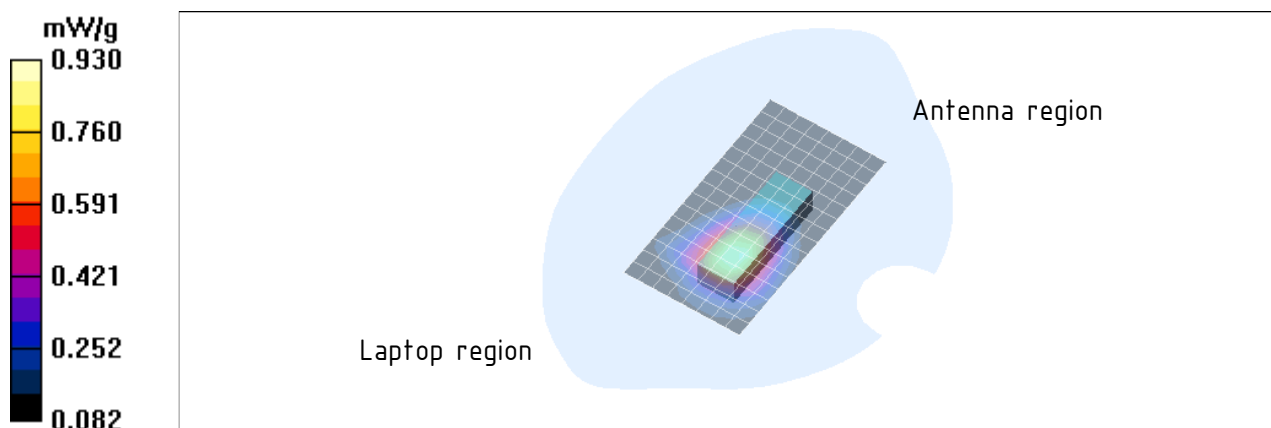
Faemar P1_180G/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.8 V/m; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.854 mW/g; SAR(10 g) = 0.569 mW/g

Maximum value of SAR (measured) = 0.930 mW/g



Orientation 1 – HSUPA subtest 3 – ch4132

Test Laboratory: EMC Department Kamp-Lintfort

080814FaemaWCDMA-V-ch4132imei6572_P1_180_HSUPA

DUT: Faema; Type: USB Data Card; Serial: First Board

Communication System: FDD5; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium parameters used: $\sigma = 0.93$ mho/m, $\epsilon_r = 54.18$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 – SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Faemar P1_180G/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.766 mW/g

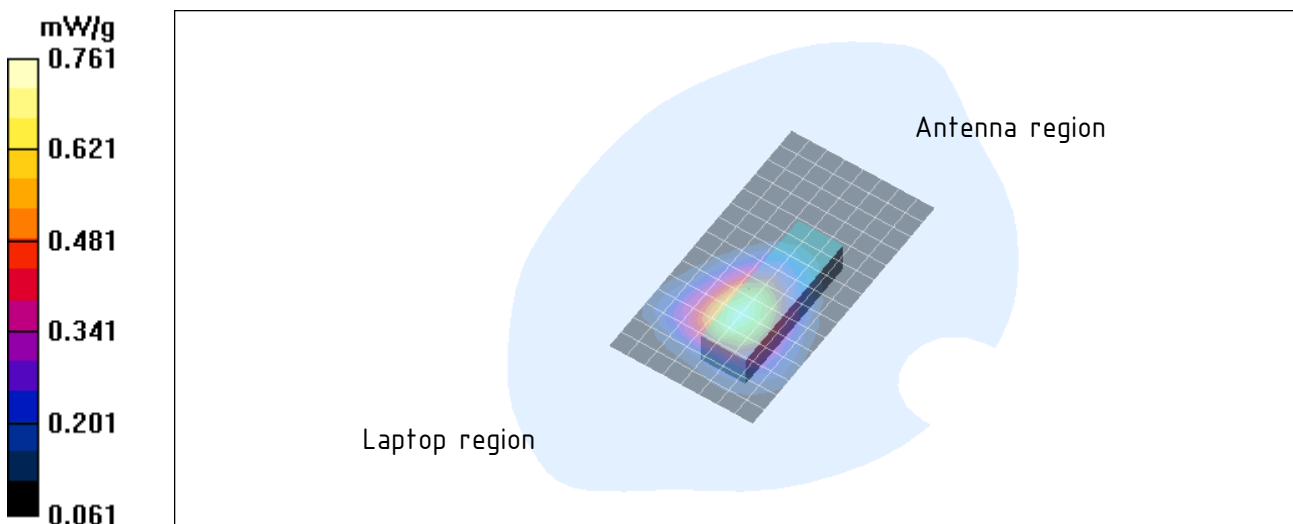
Faemar P1_180G/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.6 V/m; Power Drift = 0.189 dB

Peak SAR (extrapolated) = 0.939 W/kg

SAR(1 g) = 0.700 mW/g; SAR(10 g) = 0.467 mW/g

Maximum value of SAR (measured) = 0.761 mW/g



Orientation 1 – HSUPA subtest 5 – ch4132

Test Laboratory: EMC Department Kamp-Lintfort

080814FaemaWCDMA-V-ch4132imei6572_P1_180_HSUPA_c

DUT: Faema; Type: USB Data Card; Serial: First Board

Communication System: FDD5; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium parameters used: $\sigma = 0.93$ mho/m, $\epsilon_r = 54.18$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 – SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Faemar P1_180G/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.656 mW/g

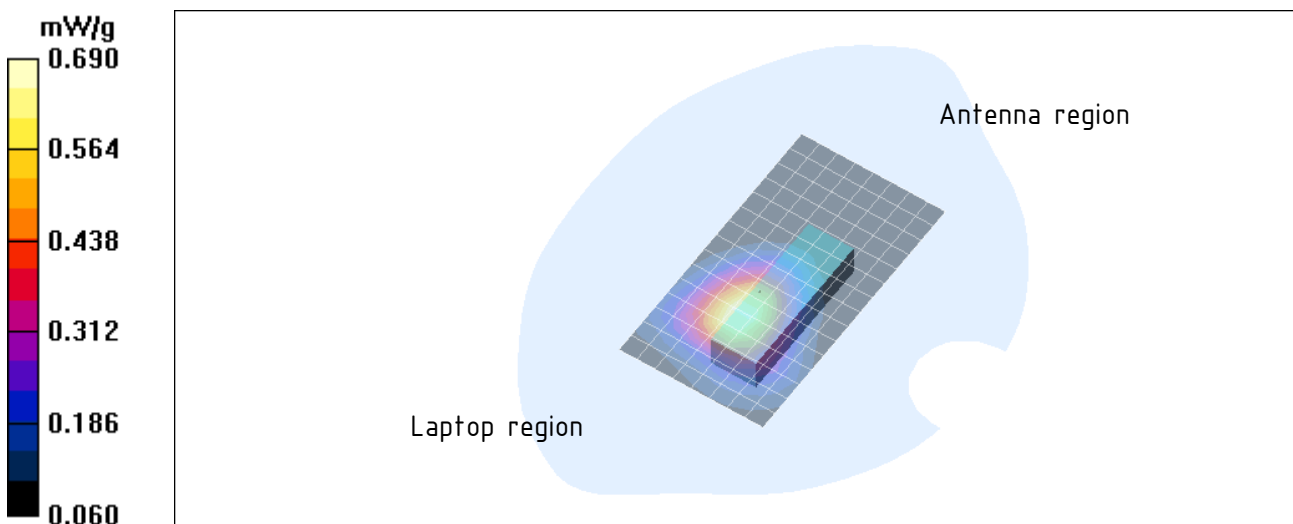
Faemar P1_180G/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.1 V/m; Power Drift = 0.098 dB

Peak SAR (extrapolated) = 0.844 W/kg

SAR(1 g) = 0.638 mW/g; SAR(10 g) = 0.430 mW/g

Maximum value of SAR (measured) = 0.690 mW/g



Orientation 2 - GSM850 - GPRS - ch128

Test Laboratory: IMST GmbH, DASY Blue (I); File Name: [201bghl_2_3.da4](#)

DUT: Option ;
Program Name: Body 850

Communication System: GPRS 850; Frequency: 824.2 MHz; Duty Cycle: 1:2.66
Medium parameters used: $f = 824.2$ MHz; $\sigma = 1.04$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6R - SN1579; ConvF(6.24, 6.24, 6.24); Calibrated: 23.01.2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 08.02.2008
- Phantom: SAM Sugar 1059; Type: Speag; Serial: 1059
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.19 mW/g

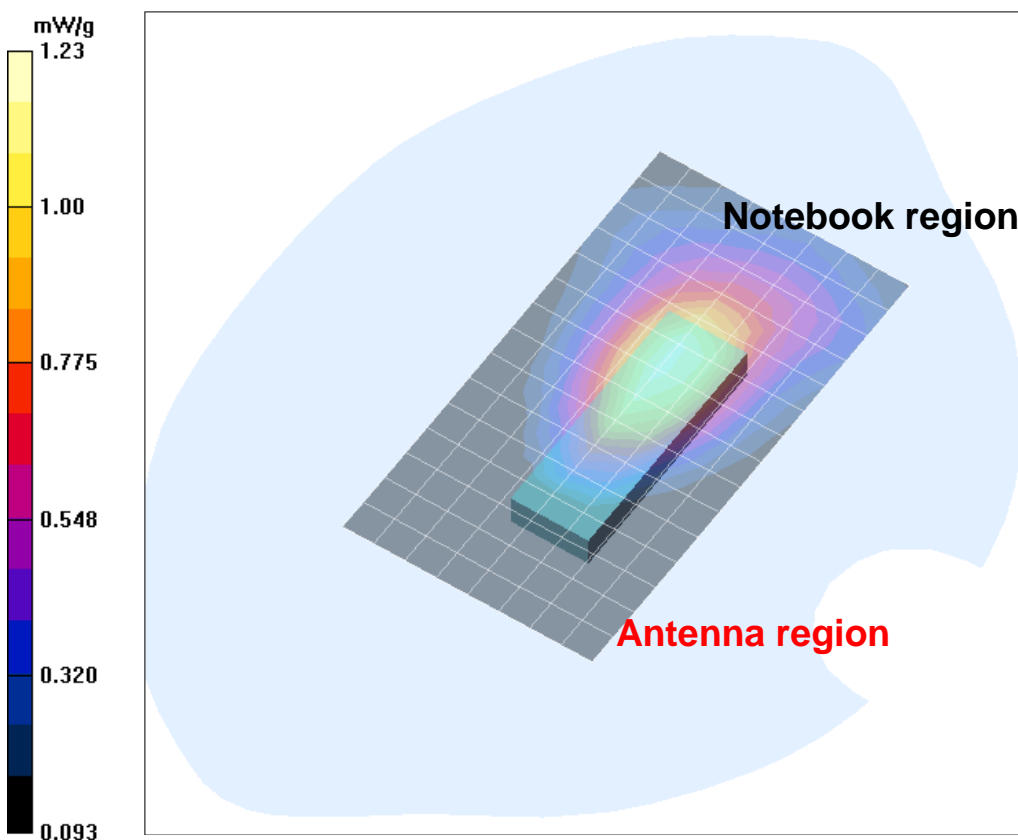
Body Worn/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.3 V/m; Power Drift = -0.073 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.730 mW/g

Maximum value of SAR (measured) = 1.23 mW/g



SAR distribution for GPRS 850 (Class 11), channel 128, Position 2 (Sony Vaio PCG-5G2M, June 23, 2008; Ambient Temperature: 23.0°C; Liquid Temperature: 21.6°C).

Orientation 2 - GSM850 - GPRS - ch190

Test Laboratory: IMST GmbH, DASY Blue (I); File Name: [201bghm_2_3.da4](#)

DUT: Option

Program Name: Body 850

Communication System: GPRS 850; Frequency: 836.6 MHz; Duty Cycle: 1:2.66
Medium parameters used: $f = 836.6$ MHz; $\sigma = 1.05$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6R - SN1579; ConvF(6.24, 6.24, 6.24); Calibrated: 23.01.2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 08.02.2008
- Phantom: SAM Sugar 1059; Type: Speag; Serial: 1059
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.19 mW/g

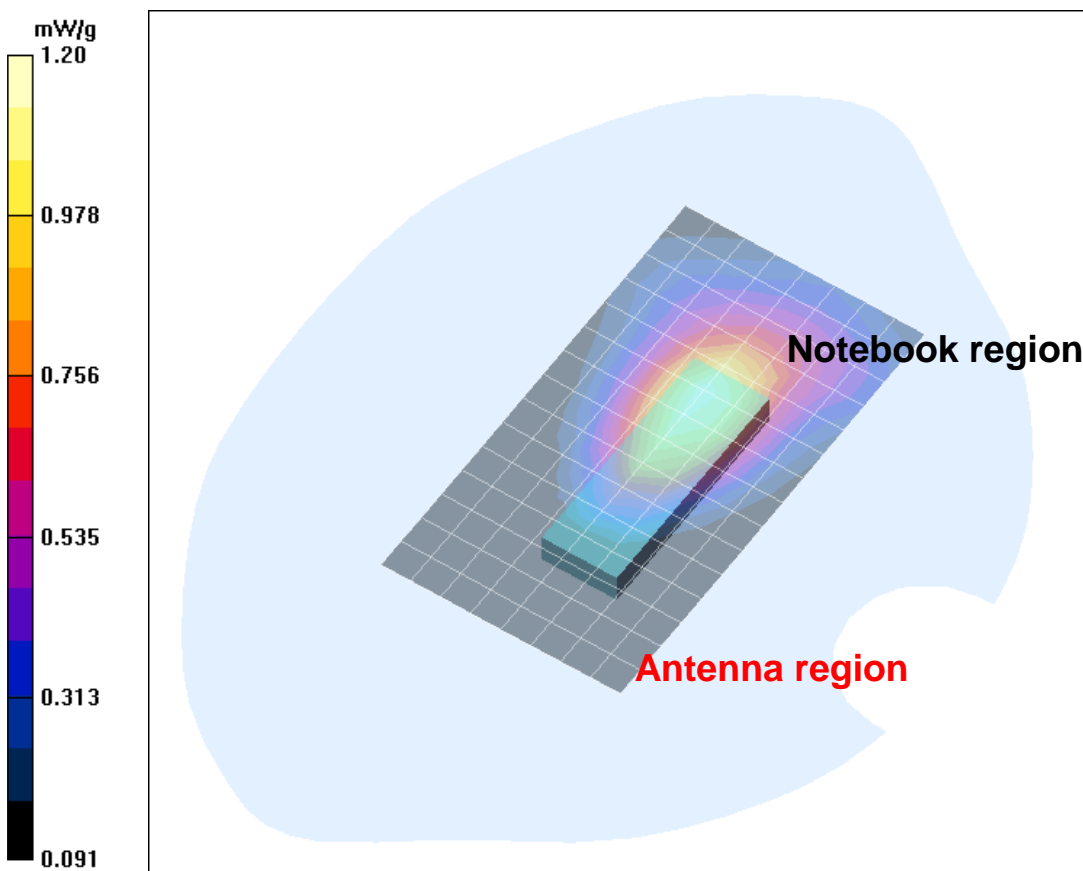
Body Worn/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.9 V/m; Power Drift = -0.074 dB

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.714 mW/g

Maximum value of SAR (measured) = 1.20 mW/g



SAR distribution for GPRS 850 (Class 11), channel 190, Position 2 (Sony Vaio PCG-5G2M, June 23, 2008; Ambient Temperature: 23.0°C; Liquid Temperature: 21.6°C).

Orientation 2 - GSM850 - GPRS - ch251

Test Laboratory: IMST GmbH, DASY Blue (I); File Name: [201bggh_2_3.da4](#)

DUT: Option ;

Program Name: Body 850

Communication System: GPRS 850; Frequency: 848.8 MHz; Duty Cycle: 1:2.66

Medium parameters used: $f = 848.8$ MHz; $\sigma = 1.06$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6R - SN1579; ConvF(6.24, 6.24, 6.24); Calibrated: 23.01.2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 08.02.2008
- Phantom: SAM Sugar 1059; Type: Speag; Serial: 1059
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.16 mW/g

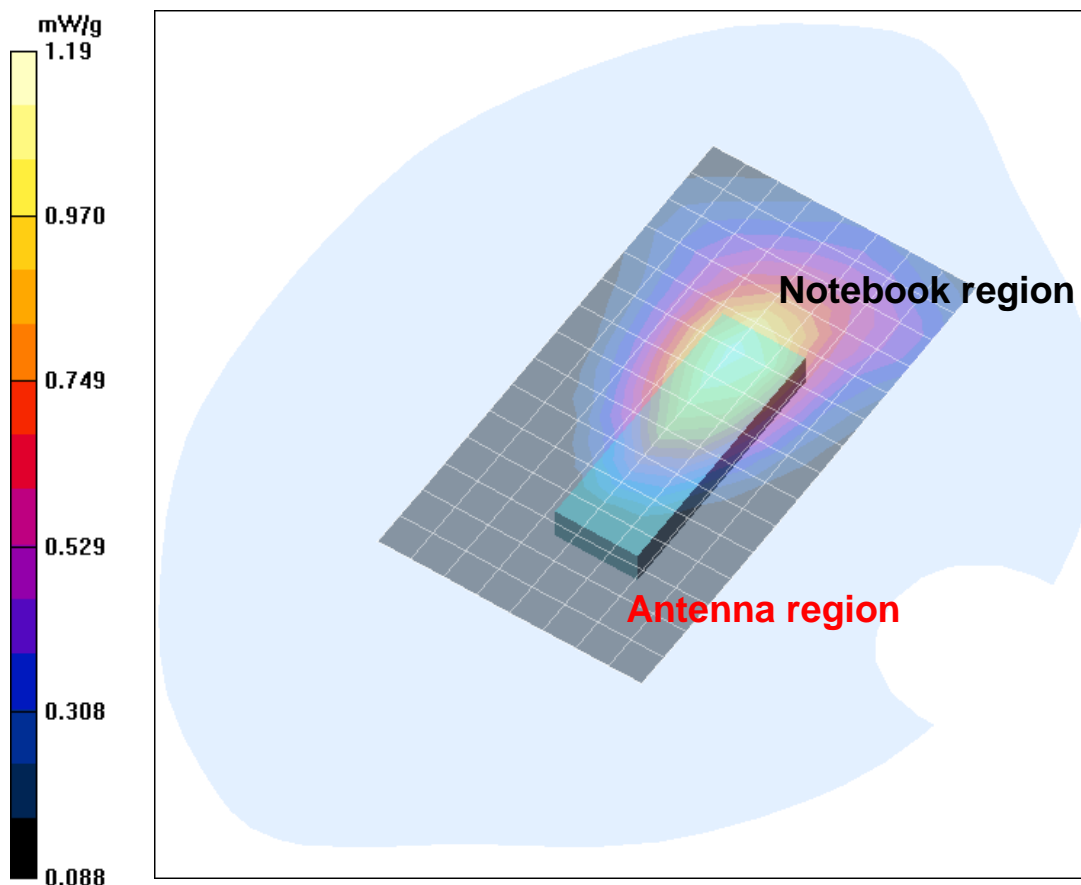
Body Worn/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.8 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.701 mW/g

Maximum value of SAR (measured) = 1.19 mW/g



SAR distribution for GPRS 850 (Class 11), channel 251, Position 2 (Sony Vaio PCG-5G2M, June 23, 2008; Ambient Temperature: 23.0°C; Liquid Temperature: 21.6°C).

Orientation 2 - GSM850 - EDGE - ch128

Test Laboratory: IMST GmbH, DASY Blue (I); File Name: [201bghl_2_2.da4](#)

DUT: Option

Program Name: Body 850

Communication System: GPRS 850; Frequency: 824.2 MHz; Duty Cycle: 1:4
Medium parameters used: $f = 824.2$ MHz; $\sigma = 1.04$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6R - SN1579; ConvF(6.24, 6.24, 6.24); Calibrated: 23.01.2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 08.02.2008
- Phantom: SAM Sugar 1059; Type: Speag; Serial: 1059
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.376 mW/g

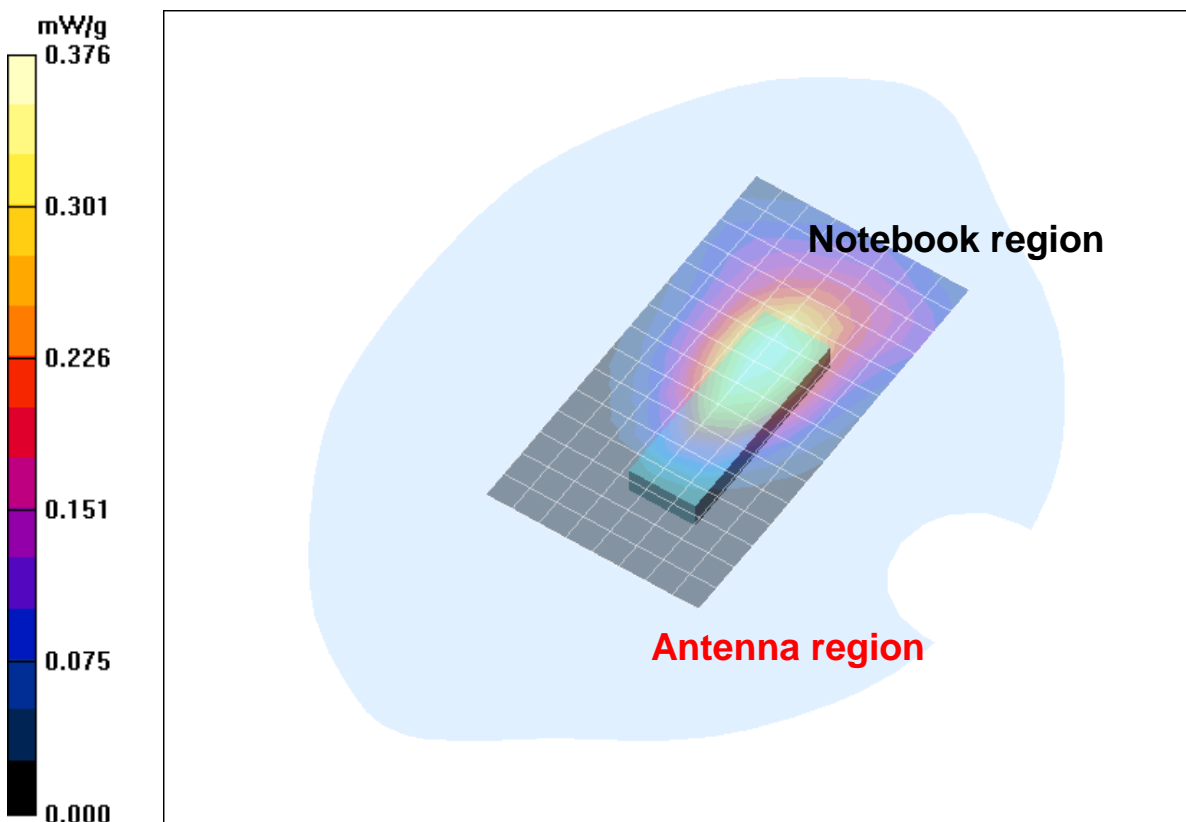
Body Worn/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.4 V/m; Power Drift = 0.064 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.755 mW/g; SAR(10 g) = 0.344 mW/g

Maximum value of SAR (measured) = 1.00 mW/g



SAR distribution for EDGE 850 (Class 10), channel 128, Position 2 (Sony Vaio PCG-5G2M, June 23, 2008; Ambient Temperature: 23.0°C; Liquid Temperature: 21.6°C).

Orientation 2 - GSM850 - EDGE - ch190

Test Laboratory: IMST GmbH, DASY Blue (I); File Name: [201bghm_2_2.da4](#)

DUT: Option ;

Program Name: Body 850

Communication System: GPRS 850; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 836.6$ MHz; $\sigma = 1.05$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6R - SN1579; ConvF(6.24, 6.24, 6.24); Calibrated: 23.01.2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 08.02.2008
- Phantom: SAM Sugar 1059; Type: Speag; Serial: 1059
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.353 mW/g

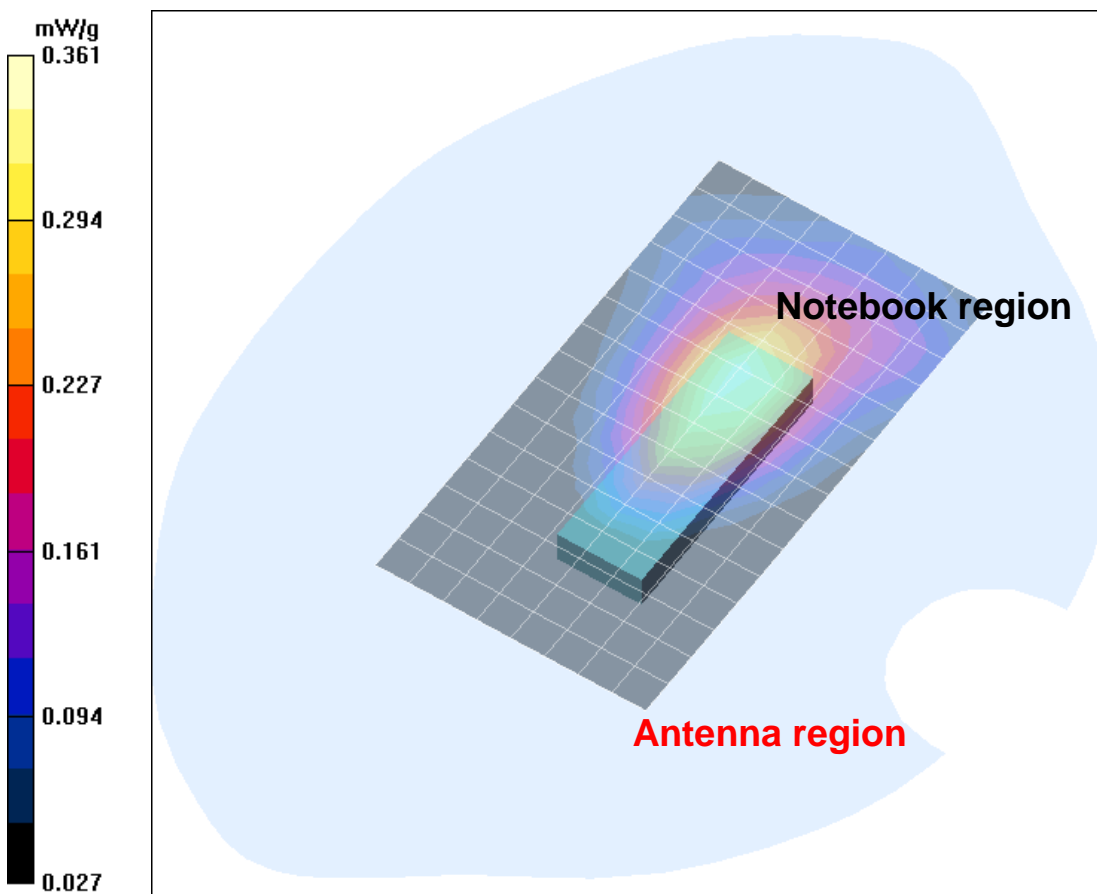
Body Worn/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.3 V/m; Power Drift = -0.047 dB

Peak SAR (extrapolated) = 0.491 W/kg

SAR(1 g) = 0.333 mW/g; SAR(10 g) = 0.215 mW/g

Maximum value of SAR (measured) = 0.361 mW/g



SAR distribution for EDGE 850 (Class 10), channel 190, Position 2 (Sony Vaio PCG-5G2M, June 23, 2008; Ambient Temperature: 23.0°C; Liquid Temperature: 21.6°C).

Orientaiton 2 - GSM850 - EDGE - ch251

Test Laboratory: IMST GmbH, DASY Blue (I); File Name: [201bggh 2 2.da4](#)

DUT: Option ;
Program Name: Body 850

Communication System: GPRS 850; Frequency: 848.8 MHz; Duty Cycle: 1:4
Medium parameters used: $f = 848.8$ MHz; $\sigma = 1.06$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6R - SN1579; ConvF(6.24, 6.24, 6.24); Calibrated: 23.01.2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 08.02.2008
- Phantom: SAM Sugar 1059; Type: Speag; Serial: 1059
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.302 mW/g

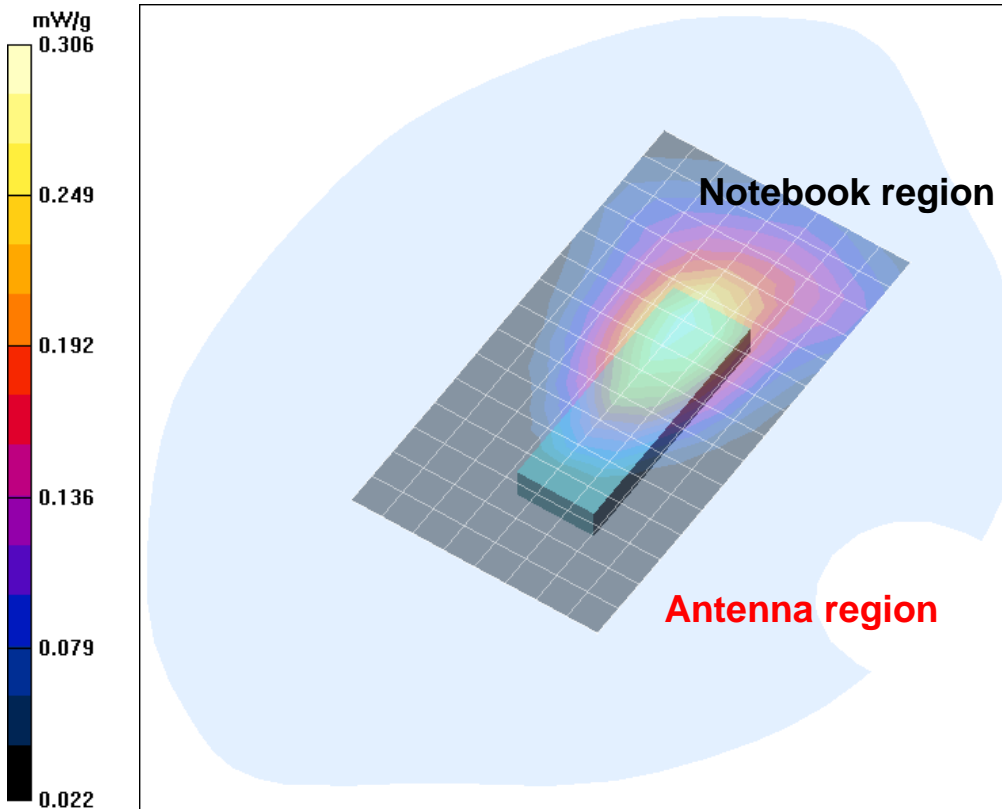
Body Worn/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.6 V/m; Power Drift = -0.070 dB

Peak SAR (extrapolated) = 0.420 W/kg

SAR(1 g) = 0.282 mW/g; SAR(10 g) = 0.181 mW/g

Maximum value of SAR (measured) = 0.306 mW/g



SAR distribution for EDGE 850 (Class 10), channel 251, Position 2 (Sony Vaio PCG-5G2M, June 23, 2008; Ambient Temperature: 23.0°C; Liquid Temperature: 21.6°C).

Orientation 2 – WCDMA V – ch4132

Test Laboratory: IMST GmbH, DASY Blue (I); File Name: [201bVhl_2.da4](#)

DUT: Option ;
Program Name: Body 850

Communication System: WCDMA (FDD) Band V; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 1.04$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6R - SN1579; ConvF(6.24, 6.24, 6.24); Calibrated: 23.01.2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 08.02.2008
- Phantom: SAM Sugar 1059; Type: Speag; Serial: 1059
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.530 mW/g

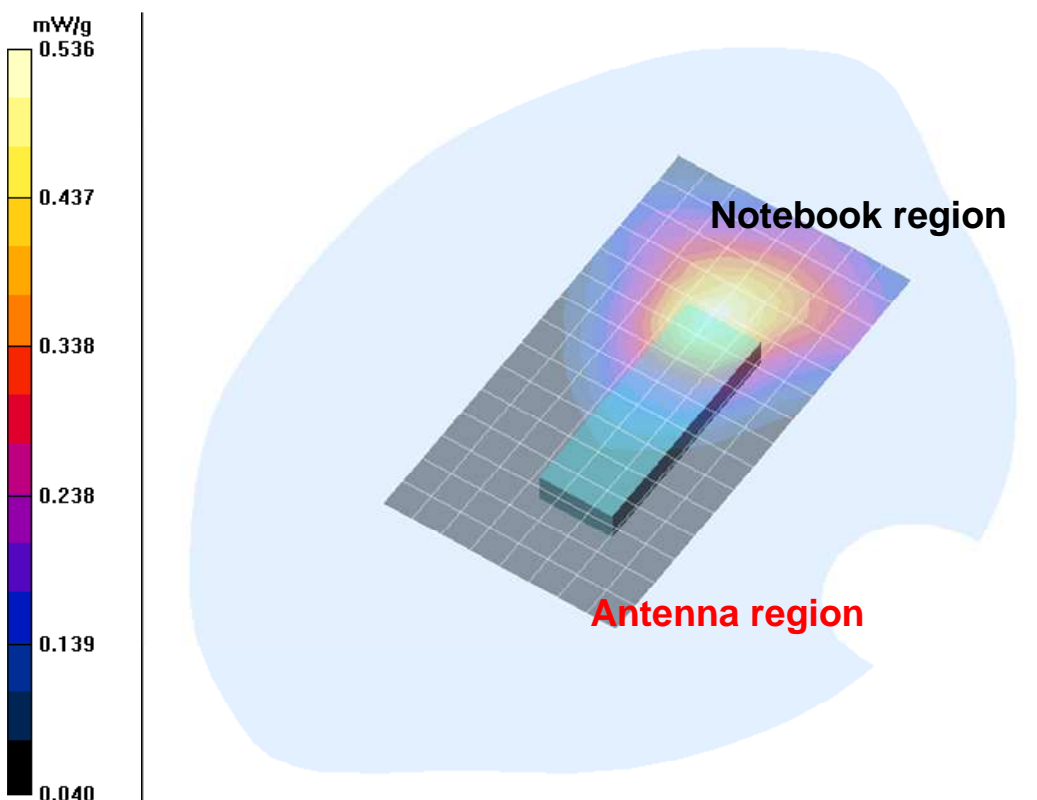
Body Worn/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.6 V/m; Power Drift = 0.050 dB

Peak SAR (extrapolated) = 0.740 W/kg

SAR(1 g) = 0.497 mW/g; SAR(10 g) = 0.322 mW/g

Maximum value of SAR (measured) = 0.536 mW/g



SAR distribution for WCDMA V, channel 4132, Position 2 (Sony Vaio PCG-5G2M, June 23, 2008; Ambient Temperature: 23.0°C; Liquid Temperature: 21.6°C).

Orientation 2 – WCDMA V – ch4183

Test Laboratory: IMST GmbH, DASY Blue (I); File Name: [201bVhm_2.da4](#)

DUT: Option ; Program Name: Body 850

Communication System: WCDMA (FDD) Band V; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 1.05$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6R – SN1579; ConvF(6.24, 6.24, 6.24); Calibrated: 23.01.2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 08.02.2008
- Phantom: SAM Sugar 1059; Type: Speag; Serial: 1059
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.405 mW/g

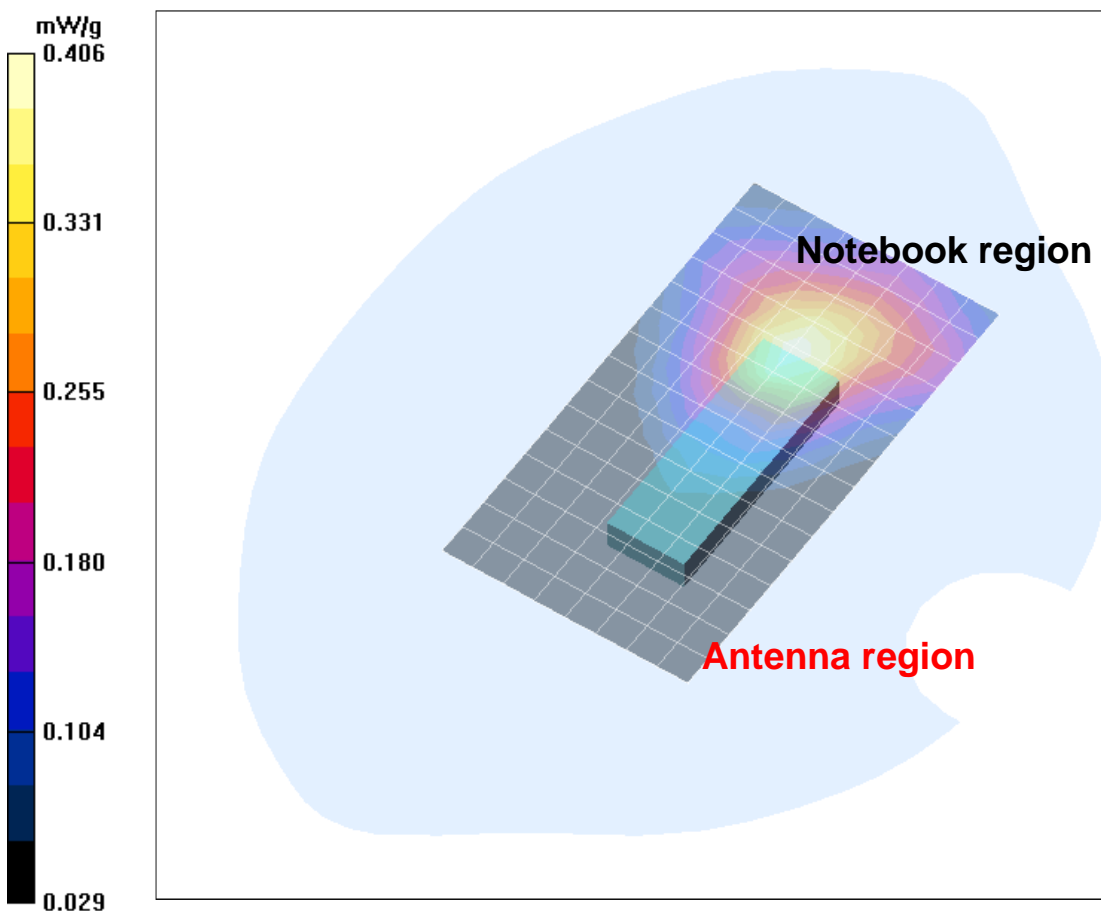
Body Worn/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.95 V/m; Power Drift = 0.114 dB

Peak SAR (extrapolated) = 0.563 W/kg

SAR(1 g) = 0.376 mW/g; SAR(10 g) = 0.243 mW/g

Maximum value of SAR (measured) = 0.406 mW/g



SAR distribution for WCDMA V, channel 4183, Position 2 (Sony Vaio PCG-5G2M, June 23, 2008; Ambient Temperature: 23.0°C; Liquid Temperature: 21.6°C).

Orientation 2 - WCDMA V - ch4233

Test Laboratory: IMST GmbH, DASY Blue (I); File Name: [201bVhh_2.da4](#)

DUT: Option ;

Program Name: Body 850

Communication System: WCDMA (FDD) Band V; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 1.06$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6R - SN1579; ConvF(6.24, 6.24, 6.24); Calibrated: 23.01.2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn335; Calibrated: 08.02.2008
- Phantom: SAM Sugar 1059; Type: Speag; Serial: 1059
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.465 mW/g

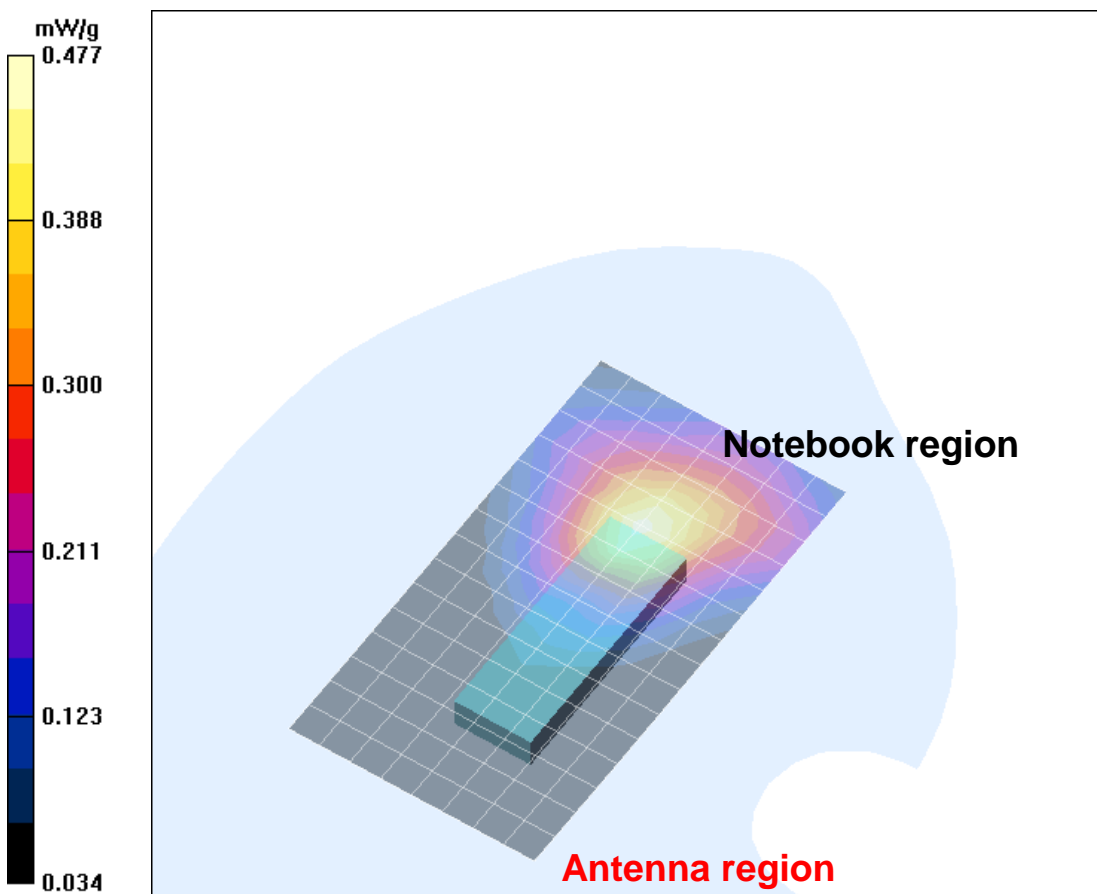
Body Worn/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.28 V/m; Power Drift = 0.163 dB

Peak SAR (extrapolated) = 0.656 W/kg

SAR(1 g) = 0.439 mW/g; SAR(10 g) = 0.283 mW/g

Maximum value of SAR (measured) = 0.477 mW/g



SAR distribution for WCDMA V, channel 4233, Position 2 (Sony Vaio PCG-5G2M, June 23, 2008; Ambient Temperature: 23.0°C; Liquid Temperature: 21.6°C).

Orientation 2 - GSM1900 - GPRS - ch512

File Name: 201_yphl_2_180_12,7.da4

DUT: Option ;
Program Name: Body

Communication System: GPRS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.66
Medium parameters used (extrapolated): $f = 1850.2$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3536; ConvF(7.67, 7.67, 7.67); Calibrated: 18.09.2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn631; Calibrated: 17.09.2007
- Phantom: SAM Glycol 1340; Type: QD 000 P40 CB; Serial: TP-1340
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn/Area Scan (11x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.58 mW/g

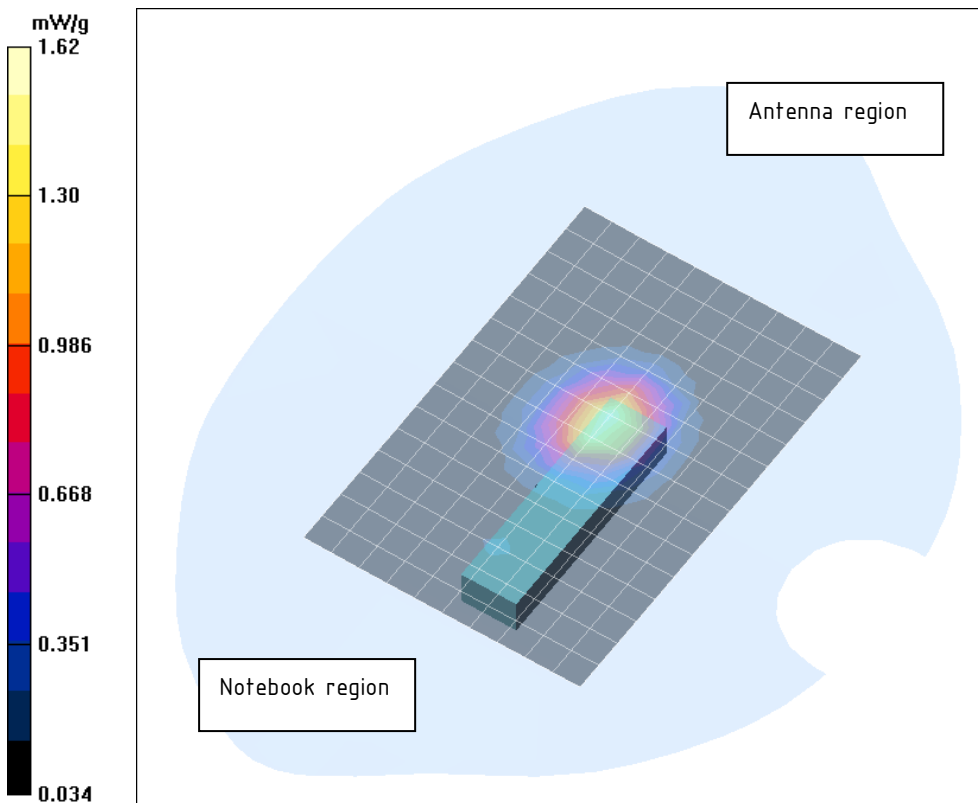
Body Worn/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.0 V/m; Power Drift = -0.085 dB

Peak SAR (extrapolated) = 2.50 W/kg

SAR(1 g) = 1.45 mW/g; SAR(10 g) = 0.784 mW/g

Maximum value of SAR (measured) = 1.62 mW/g



Orientation 2 – GSM1900 – GPRS – ch661

080722Faema1900ch661imei7984_P2_180

DUT: Faema; Type: USB Data Card; Serial: First Board

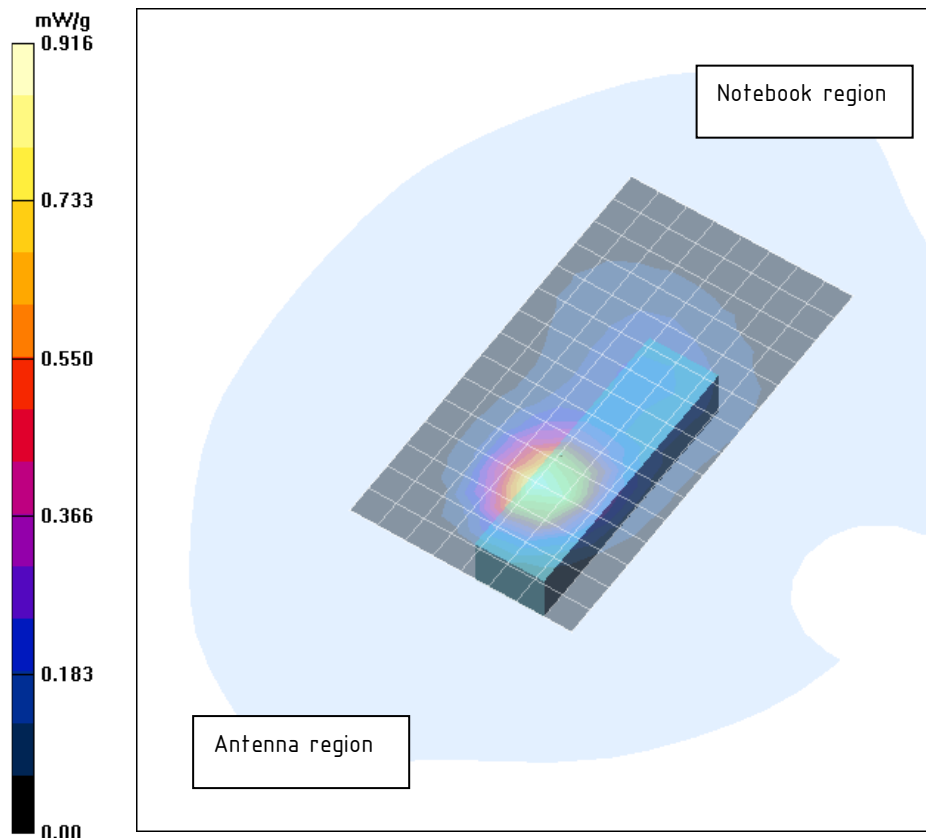
Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:2.8
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 – SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema P2_180G/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.916 mW/g

Faema P2_180G/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.8 V/m; Power Drift = -0.015 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.852 mW/g; SAR(10 g) = 0.455 mW/g
Maximum value of SAR (measured) = 0.959 mW/g



Orientation 2 - GSM1900 - GPRS - ch810

080722Faema1900ch810imei7984_P2_180

DUT: Faema; Type: USB Data Card; Serial: First Board

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.8
Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

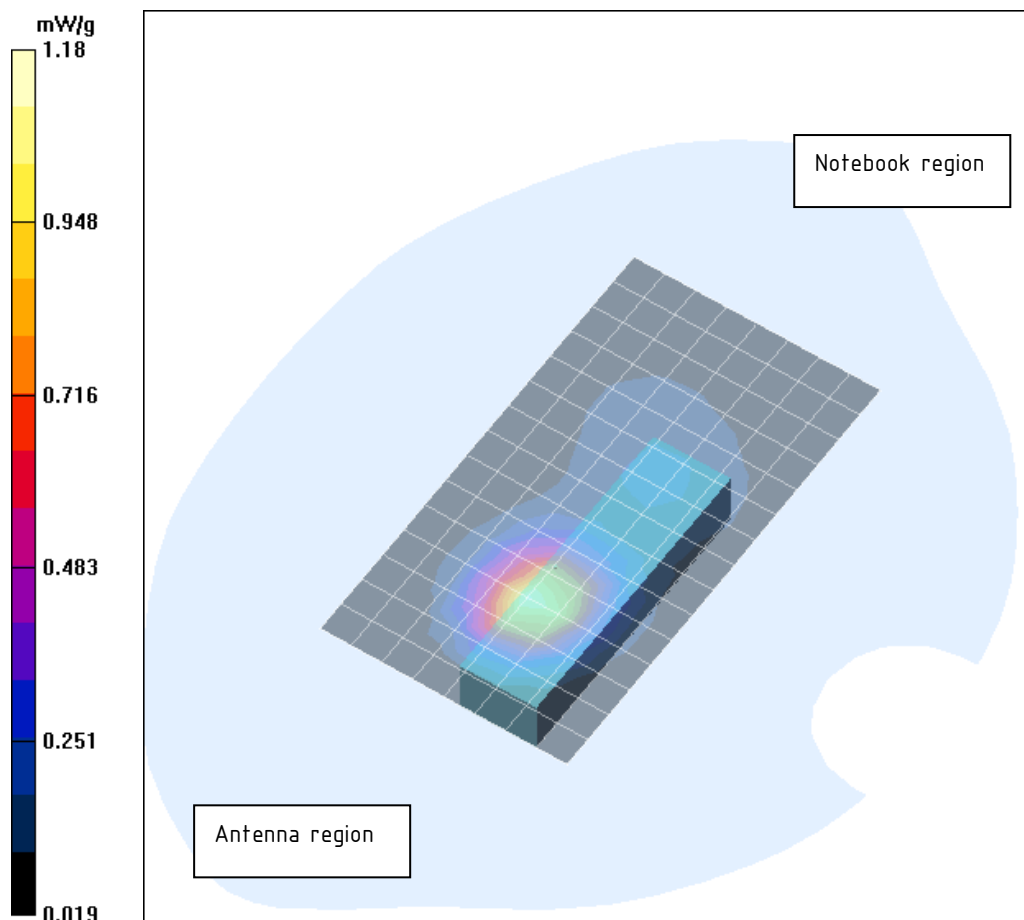
Faema P2_180G/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.13 mW/g

Faema P2_180G/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.1 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.556 mW/g

Maximum value of SAR (measured) = 1.18 mW/g



Orientation 2 - GSM1900 - EDGE - ch512

080812Faema1900ch512imei7984_P2_180_edge

DUT: Faema; Type: USB Data Card; Serial: First Board

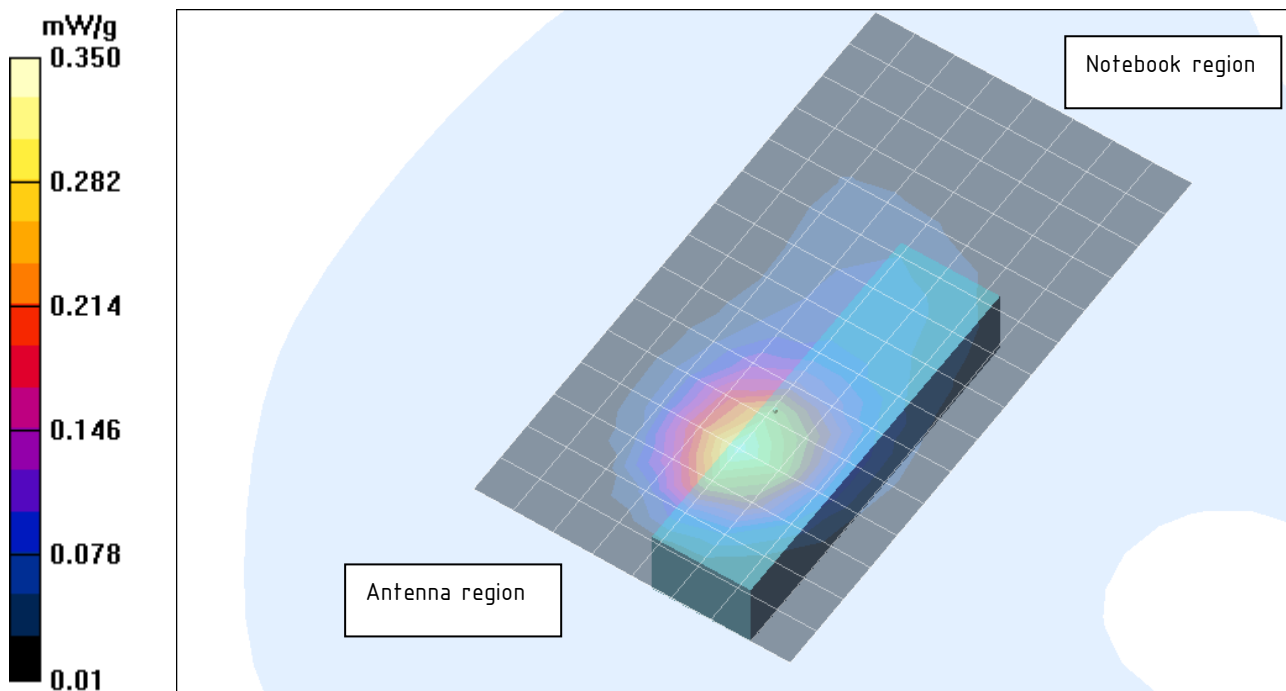
Communication System: GSM1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.8
Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema P2_180G/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.340 mW/g

Faema P2_180G/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.14 V/m; Power Drift = 0.050 dB
Peak SAR (extrapolated) = 0.518 W/kg
SAR(1 g) = 0.310 mW/g; SAR(10 g) = 0.169 mW/g
Maximum value of SAR (measured) = 0.350 mW/g



Orientation 2 - GSM1900 - EDGE - ch661

080812Faema1900ch661imei7984_P2_180_edge

DUT: Faema; Type: USB Data Card; Serial: First Board

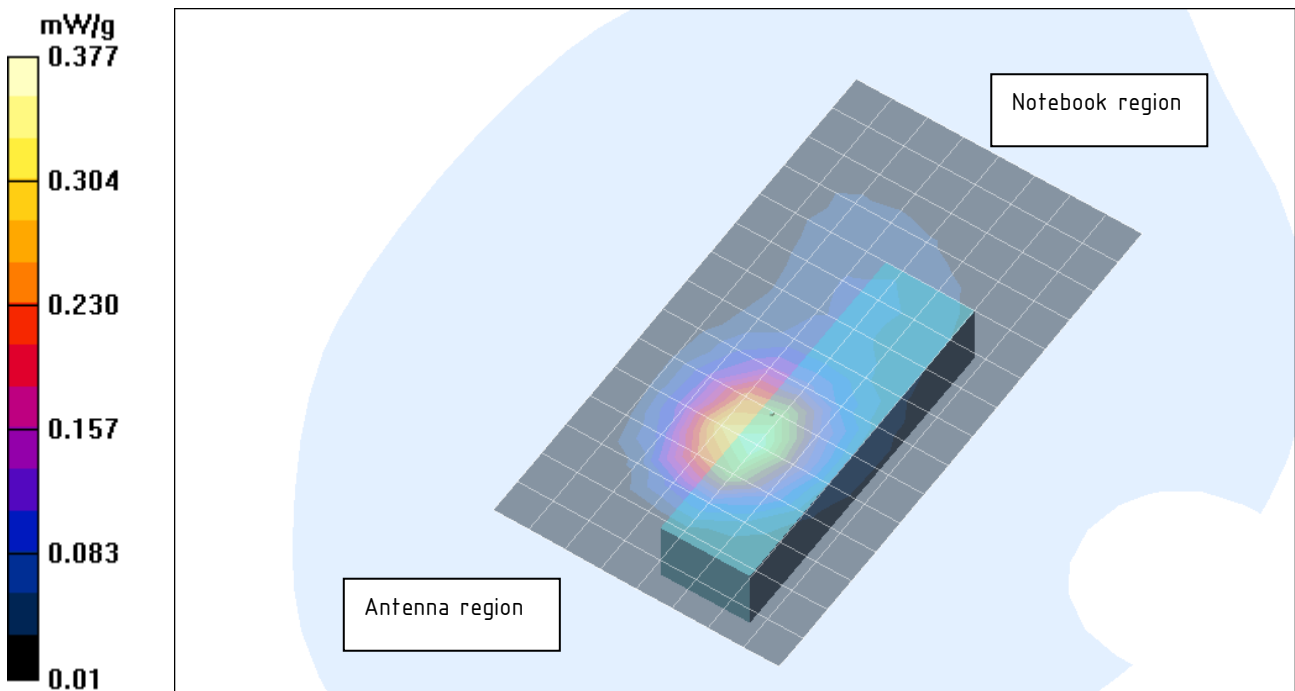
Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:2.8
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema P2_180G/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.358 mW/g

Faema P2_180G/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.53 V/m; Power Drift = 0.057 dB
Peak SAR (extrapolated) = 0.568 W/kg
SAR(1 g) = 0.334 mW/g; SAR(10 g) = 0.180 mW/g
Maximum value of SAR (measured) = 0.377 mW/g



Orientation 2 - GSM1900 - EDGE - ch810

080812Faema1900ch810imei7984_P2_180_edge

DUT: Faema; Type: USB Data Card; Serial: First Board

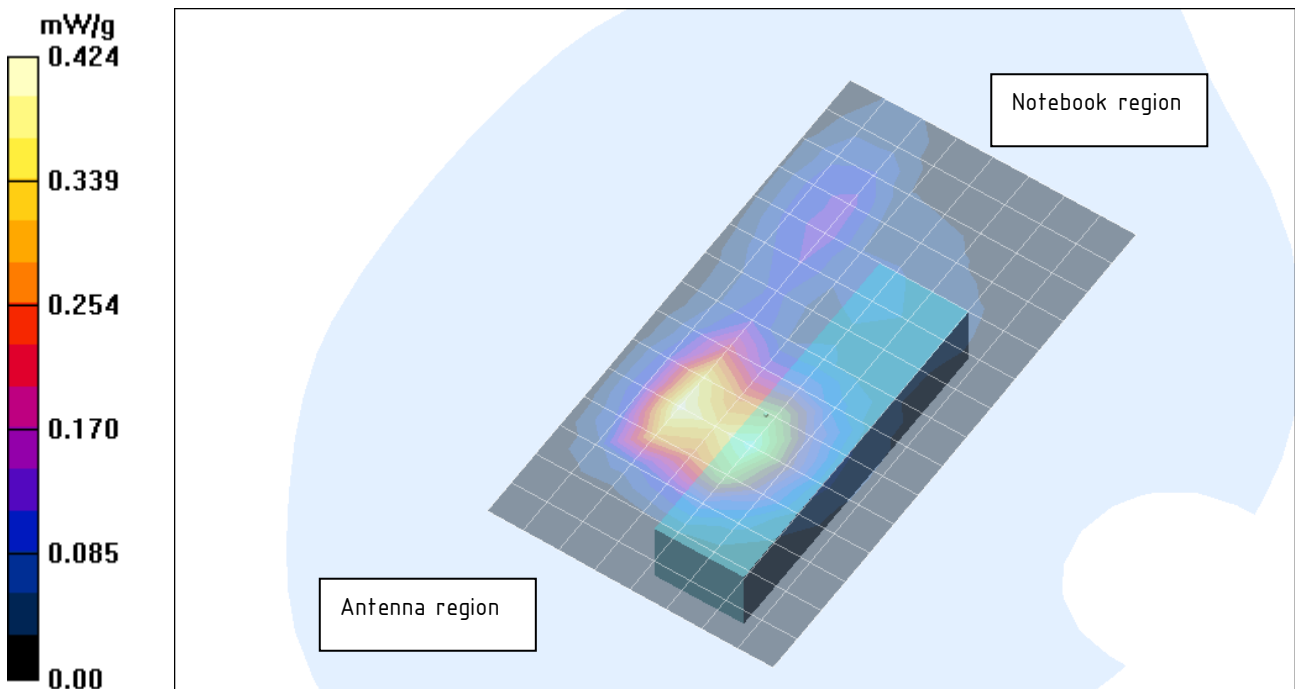
Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.1
Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema P2_180G/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.412 mW/g

Faema P2_180G/Zoom Scan (11x11x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.16 V/m; Power Drift = 0.053 dB
Peak SAR (extrapolated) = 0.653 W/kg
SAR(1 g) = 0.380 mW/g; SAR(10 g) = 0.204 mW/g
Maximum value of SAR (measured) = 0.424 mW/g



Orientation 2 - WCDMA II - ch9262

080722faemaWCDMAIIch9262imei7984_P2_180

DUT: Faema; Type: USB Data Card; Serial: First Board

Communication System: FDD2; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema P2_180G/Area Scan (81x151x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation!

Maximum value of SAR (interpolated) = 0.846 mW/g

Faema P2_180G/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

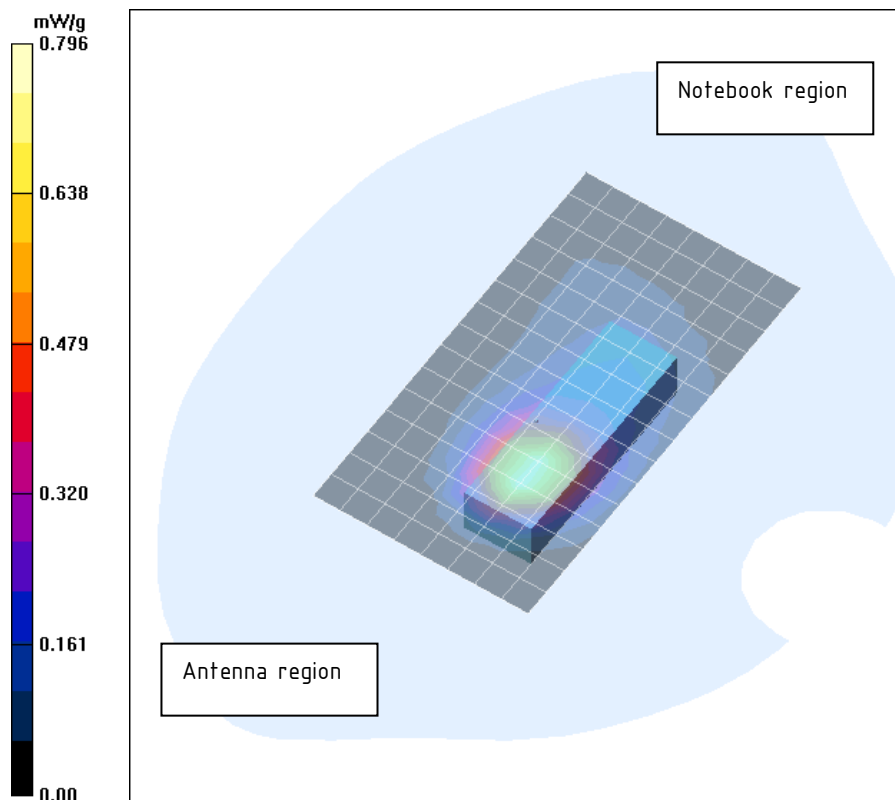
Reference Value = 16.1 V/m; Power Drift = 0.123 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.728 mW/g; SAR(10 g) = 0.394 mW/g

Info: Interpolated medium parameters used for SAR evaluation!

Maximum value of SAR (measured) = 0.825 mW/g



Orientation 2 - WCDMA II - ch9400

080722faemaWCDMAIIch9400imei7984_P2_180

DUT: Faema; Type: USB Data Card; Serial: First Board

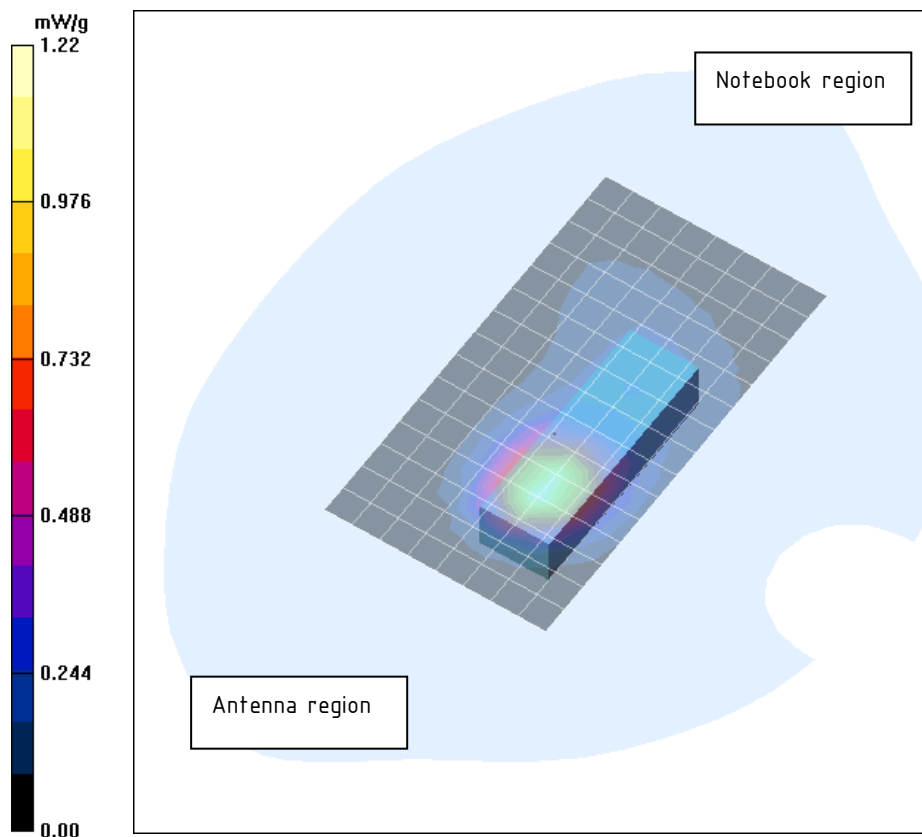
Communication System: FDD2; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema P2_180G/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.22 mW/g

Faema P2_180G/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.5 V/m; Power Drift = 0.016 dB
Peak SAR (extrapolated) = 1.93 W/kg
SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.597 mW/g
Maximum value of SAR (measured) = 1.26 mW/g



Orientation 2 - WCDMA II - ch9538

080722faemaWCDMAIIch9538imei7984_P2_180

DUT: Faema; Type: USB Data Card; Serial: First Board

Communication System: FDD2; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema P2_180G/Area Scan (81x151x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation!

Maximum value of SAR (interpolated) = 1.26 mW/g

Faema P2_180G/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

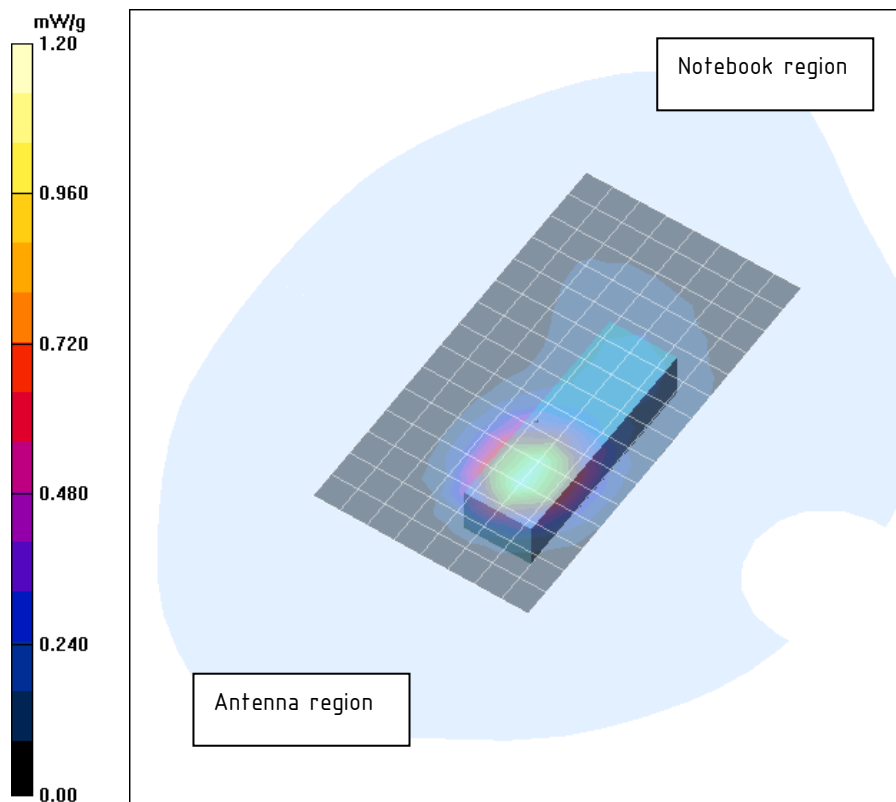
Reference Value = 17.6 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 1.92 W/kg

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.591 mW/g

Info: Interpolated medium parameters used for SAR evaluation!

Maximum value of SAR (measured) = 1.26 mW/g



Orientation 2 – HSDPA subtest 1 – ch9400

Test Laboratory: EMC Department Kamp-Lintfort

1.1.1 080806faemaWCDMAI1ch9400imei6572_P2_180_HSDPA

DUT: Faema; Type: USB Data Card; Serial: First Board

Communication System: FDD2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 – SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Faemar P2_180G/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.07 mW/g

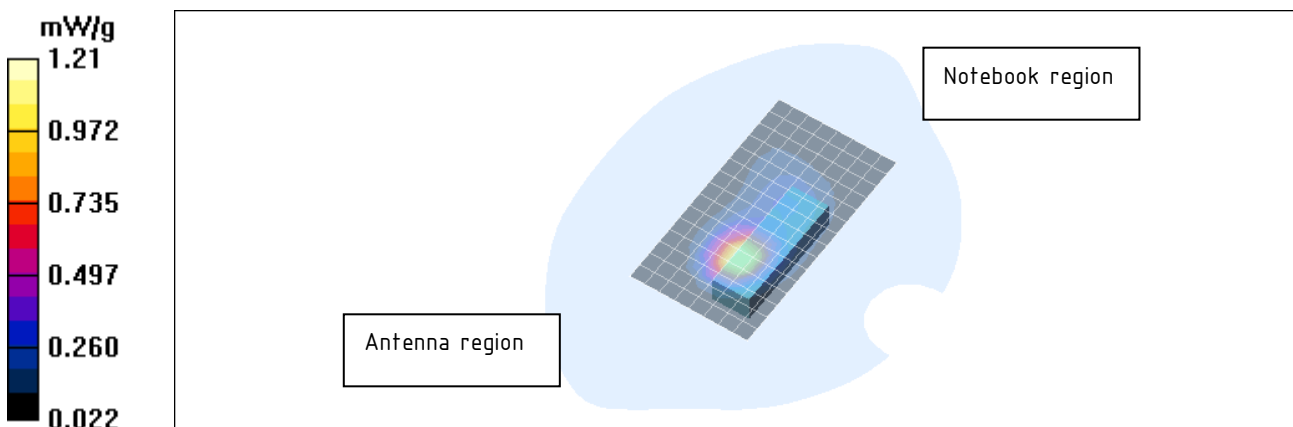
Faemar P2_180G/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.82 W/kg

SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.578 mW/g

Maximum value of SAR (measured) = 1.21 mW/g



Orientation 2 – HSUPA subtest 3 – ch9400

Test Laboratory: EMC Department Kamp-Lintfort

1.1.2 080814FaemaWCDMAICh9400imei6572_P2_180_HSUPA_c

DUT: Faema; Type: USB Data Card; Serial: First Board

Communication System: FDD2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 – SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Faemar P2_180G/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.956 mW/g

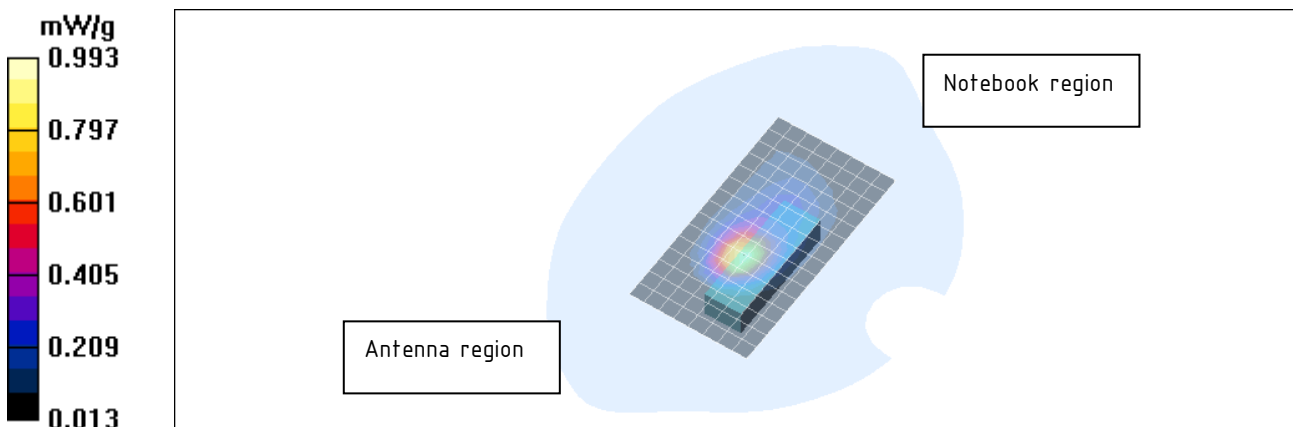
Faemar P2_180G/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.2 V/m; Power Drift = -0.078 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.881 mW/g; SAR(10 g) = 0.464 mW/g

Maximum value of SAR (measured) = 0.993 mW/g



Orientation 2 – HSUPA subtest 5 – ch9400

Test Laboratory: EMC Department Kamp-Lintfort

1.1.3 080814FaemaWCDMAICh9400imei6572_P2_180_HSUPA_b

DUT: Faema; Type: USB Data Card; Serial: First Board

Communication System: FDD2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 – SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor–Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Faemar P2_180G/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.885 mW/g

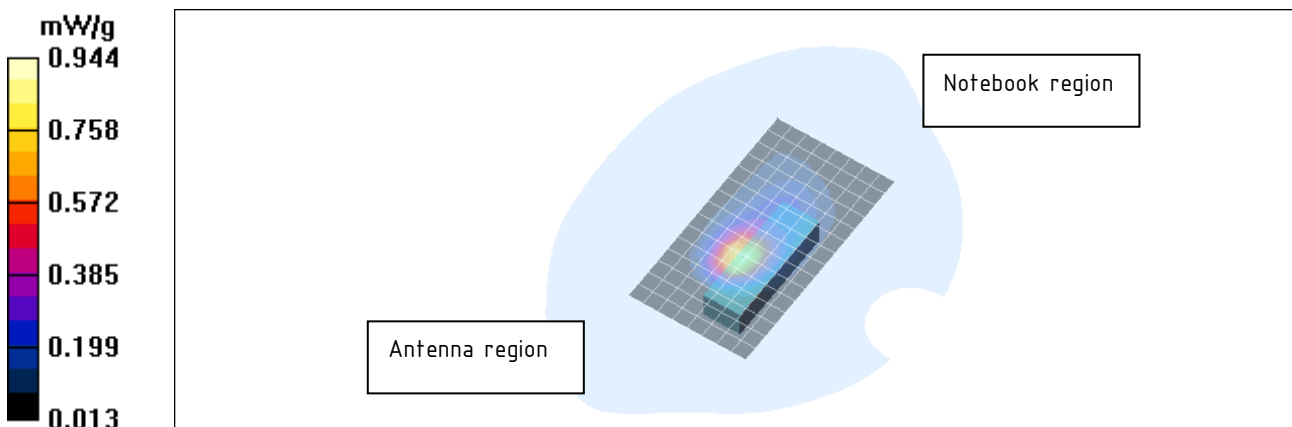
Faemar P2_180G/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.5 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.834 mW/g; SAR(10 g) = 0.439 mW/g

Maximum value of SAR (measured) = 0.944 mW/g



Orientation 3 - GSM850 - GPRS - ch128

060708_Faema_3Slots_SonyGross_GSM850_ch128_5mm_P3_IMEIxxx06572

DUT: Faema; Type: USB Data Card; Serial: First Board

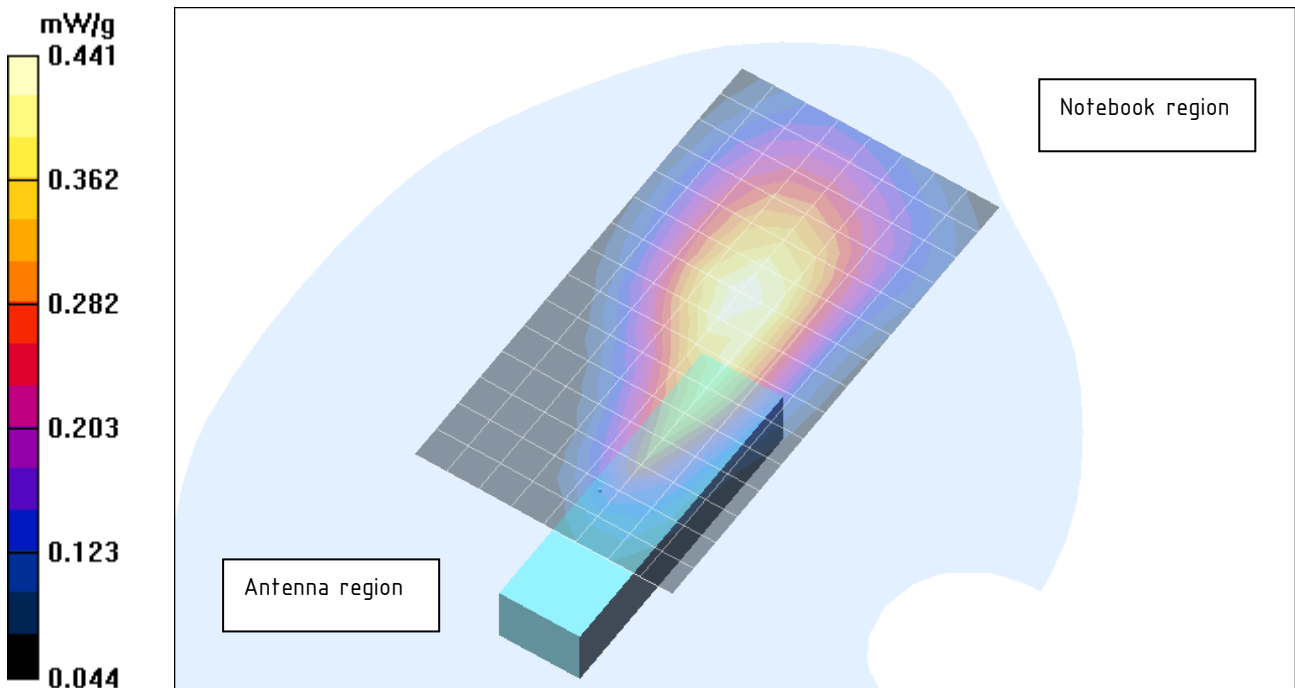
Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2.8
Medium parameters used: $\sigma = 0.98$ mho/m, $\epsilon_r = 53.91$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_3/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.439 mW/g

Faema Pos_3/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.0 V/m; Power Drift = -0.165 dB
Peak SAR (extrapolated) = 0.536 W/kg
SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.289 mW/g
Maximum value of SAR (measured) = 0.441 mW/g



Orientation 3 - GSM850 - GPRS - ch190

060708_Faema_3Slots_SonyGross_GSM850_ch190_5mm_P3_IMEIxxx06572

DUT: Faema; Type: USB Data Card; Serial: First Board

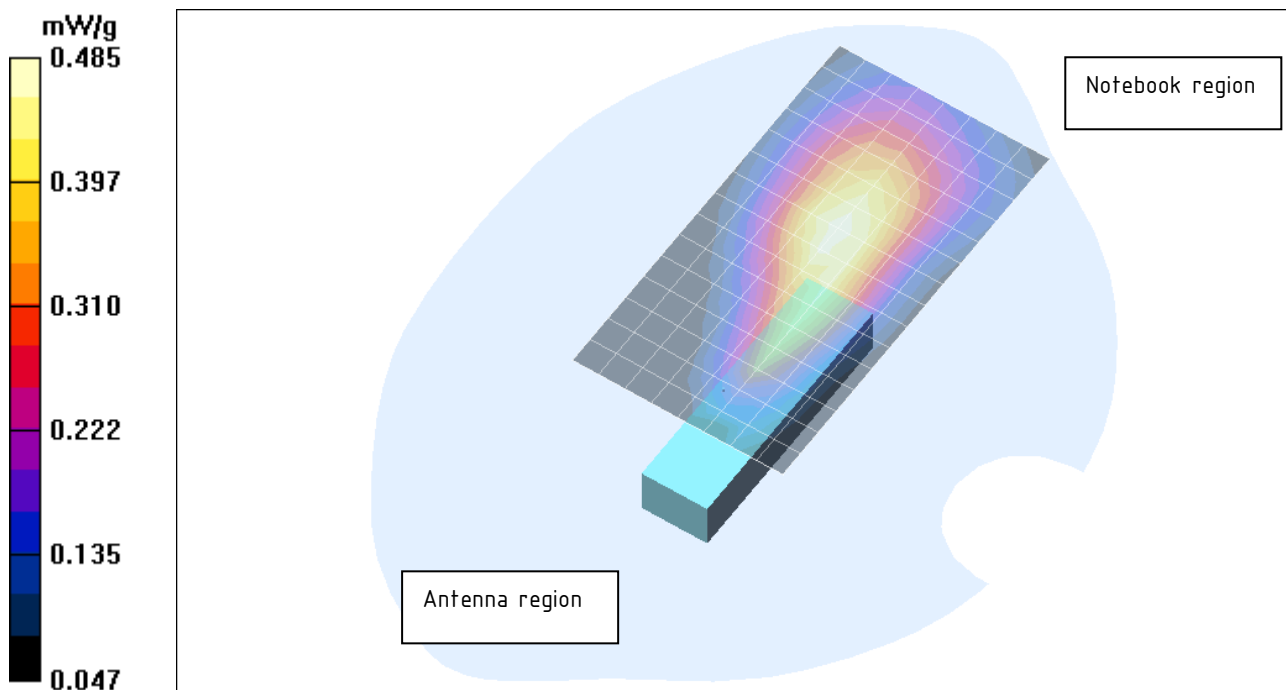
Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:2.8
Medium parameters used: $\sigma = 1$ mho/m, $\epsilon_r = 53.77$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_3/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.479 mW/g

Faema Pos_3/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.3 V/m; Power Drift = -0.076 dB
Peak SAR (extrapolated) = 0.589 W/kg
SAR(1 g) = 0.450 mW/g; SAR(10 g) = 0.317 mW/g
Maximum value of SAR (measured) = 0.485 mW/g



Orientation 3 - GSM850 - GPRS - ch251

070708_Faema_3Slots_SonyGross_GSM850_ch251_5mm_P3_IMEIxxx06572

DUT: Faema; Type: USB Data Card; Serial: First Board

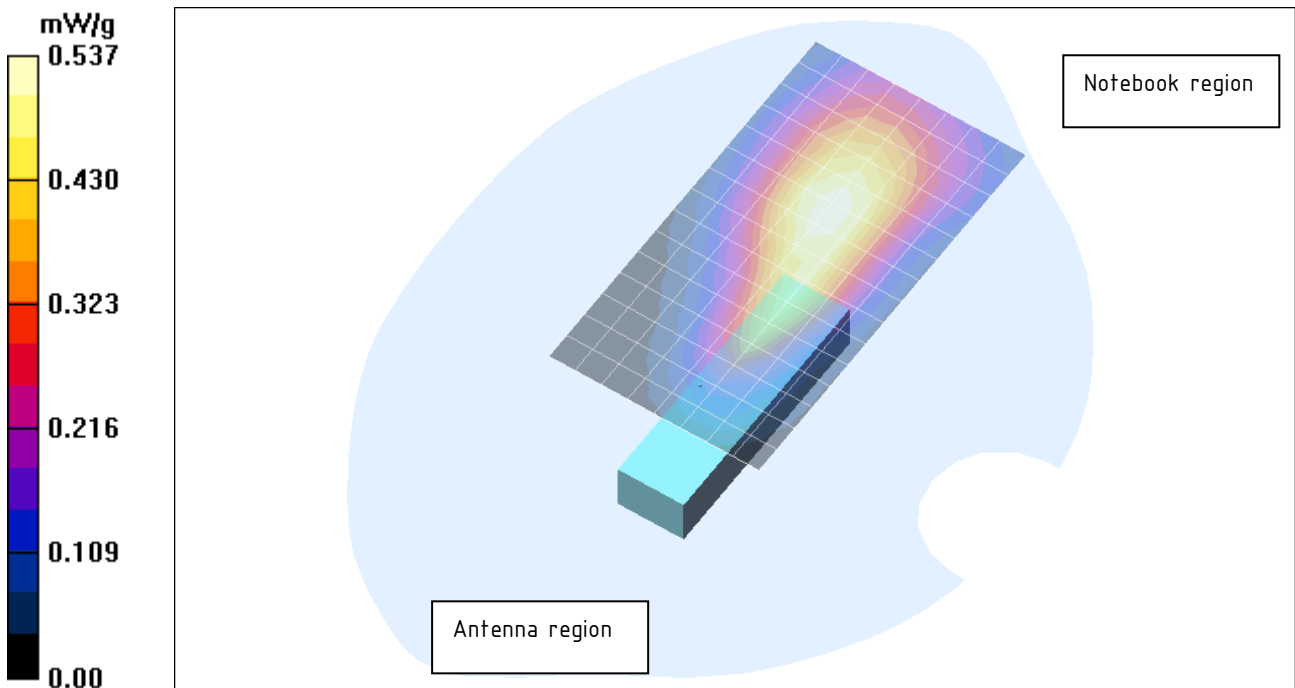
Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.8
Medium parameters used: $\sigma = 1.01$ mho/m, $\epsilon_r = 53.67$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_3/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.537 mW/g

Faema Pos_3/Zoom Scan (9x9x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.6 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.702 W/kg
SAR(1 g) = 0.524 mW/g; SAR(10 g) = 0.372 mW/g
Maximum value of SAR (measured) = 0.558 mW/g



Orientation 3 - PCS1900 - GPRS - ch512

230608_Faema_3Slots_SonyGross_GSM1900_ch512_5mm_P3_IMEIxxx07596

DUT: Faema; Type: USB Data Card; Serial: First Board

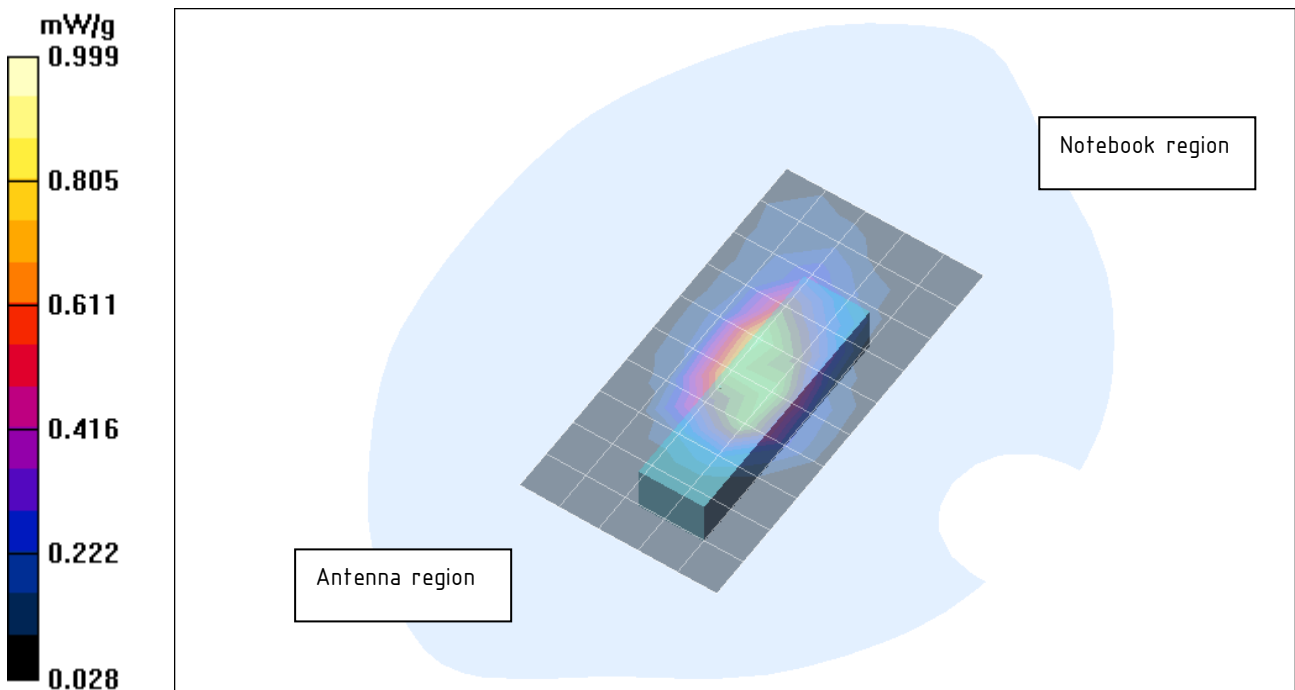
Communication System: GSM1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.8
Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_3/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.834 mW/g

Faema Pos_3/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.1 V/m; Power Drift = -0.172 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.909 mW/g; SAR(10 g) = 0.518 mW/g
Maximum value of SAR (measured) = 0.999 mW/g



Orientation 3 - PCS1900 - GPRS - ch661

230608_Faema_3Slots_SonyGross_GSM1900_ch661_5mm_P3_IMEIxxx07596

DUT: Faema; Type: USB Data Card; Serial: First Board

Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:2.8
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

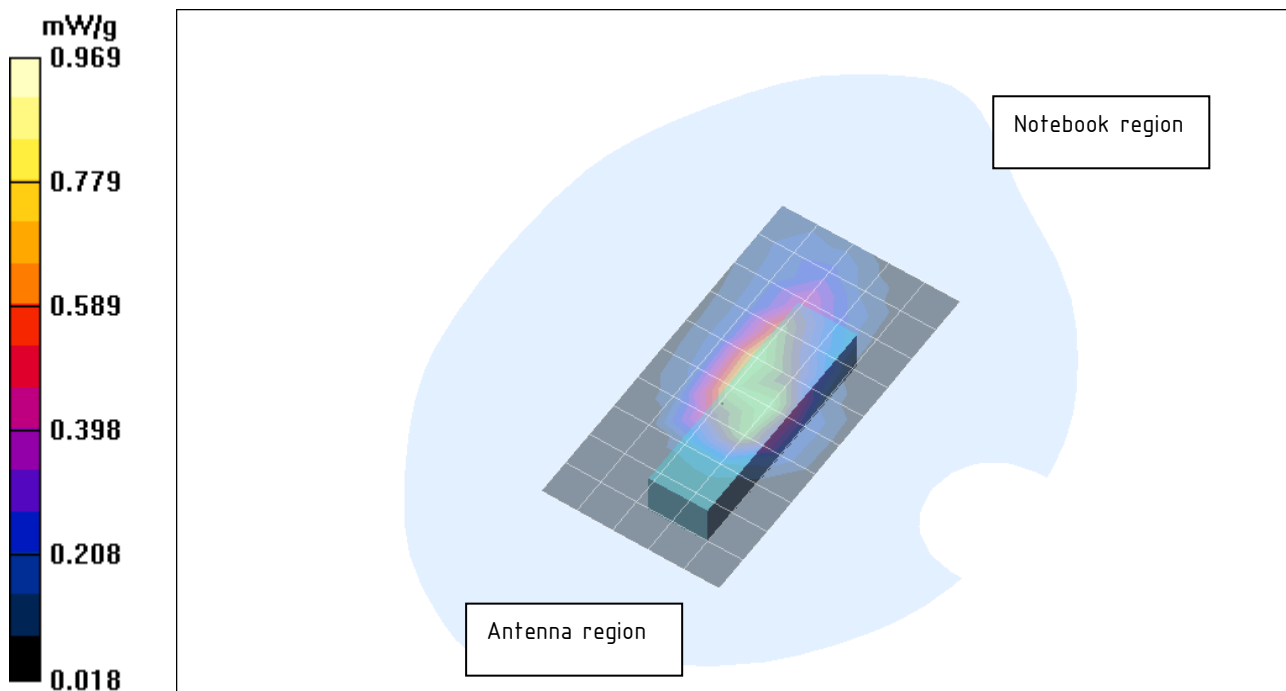
DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_3/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.789 mW/g

Faema Pos_3/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.8 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.881 mW/g; SAR(10 g) = 0.504 mW/g

Maximum value of SAR (measured) = 0.969 mW/g



Orientation 3 - PCS1900 - GPRS - ch810

230608_Faema_3Slots_SonyGross_GSM1900_ch810_5mm_P3_IMEIxxx07596

DUT: Faema; Type: USB Data Card; Serial: First Board

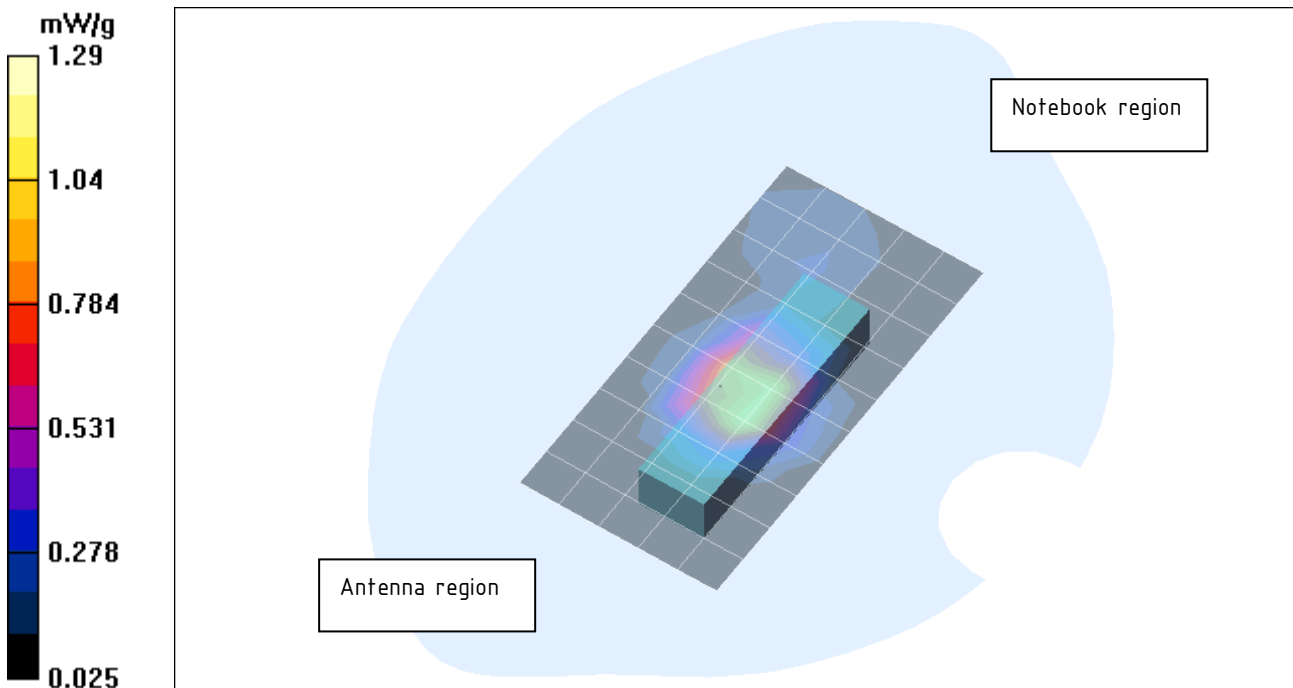
Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.8
Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_3/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.11 mW/g

Faema Pos_3/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.6 V/m; Power Drift = -0.077 dB
Peak SAR (extrapolated) = 1.92 W/kg
SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.660 mW/g
Maximum value of SAR (measured) = 1.29 mW/g



Orientation 3 - GSM850 - EDGE - ch128

060708_Faema_2Slots_SonyGross_GSM850_MCS5_ch128_5mm_P3_IMEIxxx06572

DUT: Faema; Type: USB Data Card; Serial: First Board

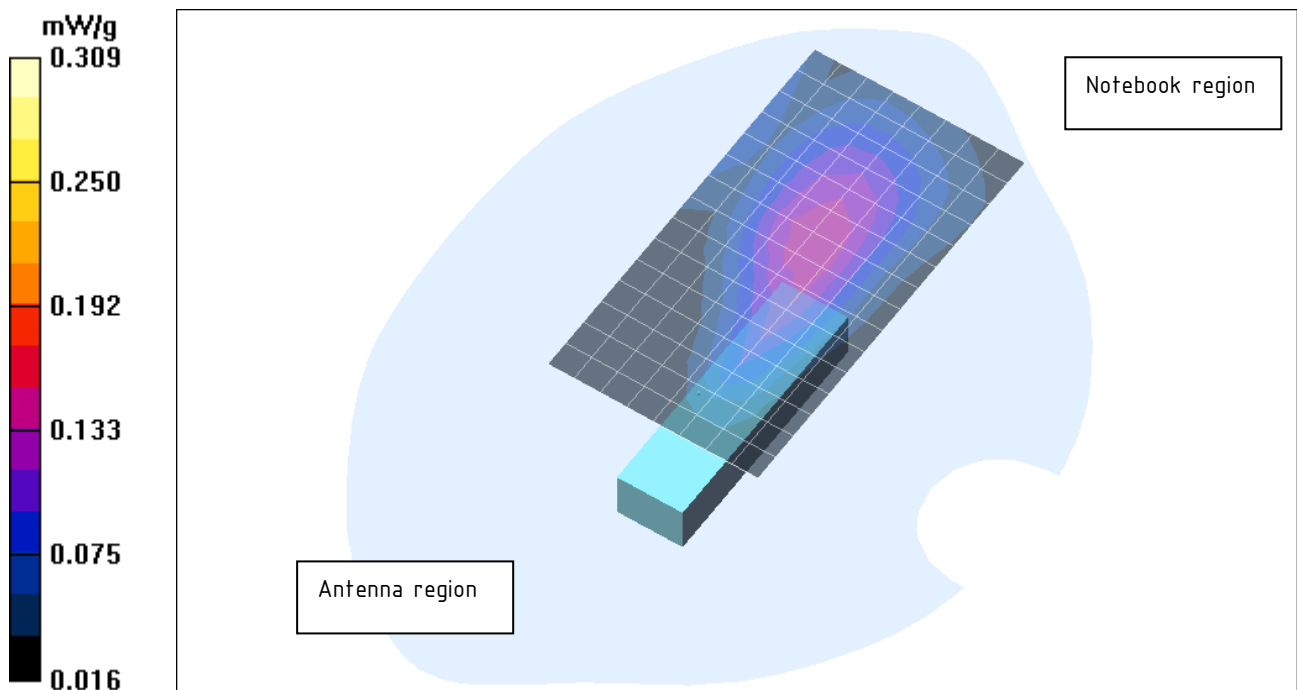
Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4.16
Medium parameters used: $\sigma = 0.98$ mho/m, $\epsilon_r = 53.91$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_3/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.153 mW/g

Faema Pos_3/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.2 V/m; Power Drift = -0.054 dB
Peak SAR (extrapolated) = 0.350 W/kg
SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.103 mW/g
Maximum value of SAR (measured) = 0.309 mW/g



Orientation 3 - GSM850 - EDGE - ch190

060708_Faema_2Slots_SonyGross_GSM850_MCS5_ch190_5mm_P3_IMEIxxx06572

DUT: Faema; Type: USB Data Card; Serial: First Board

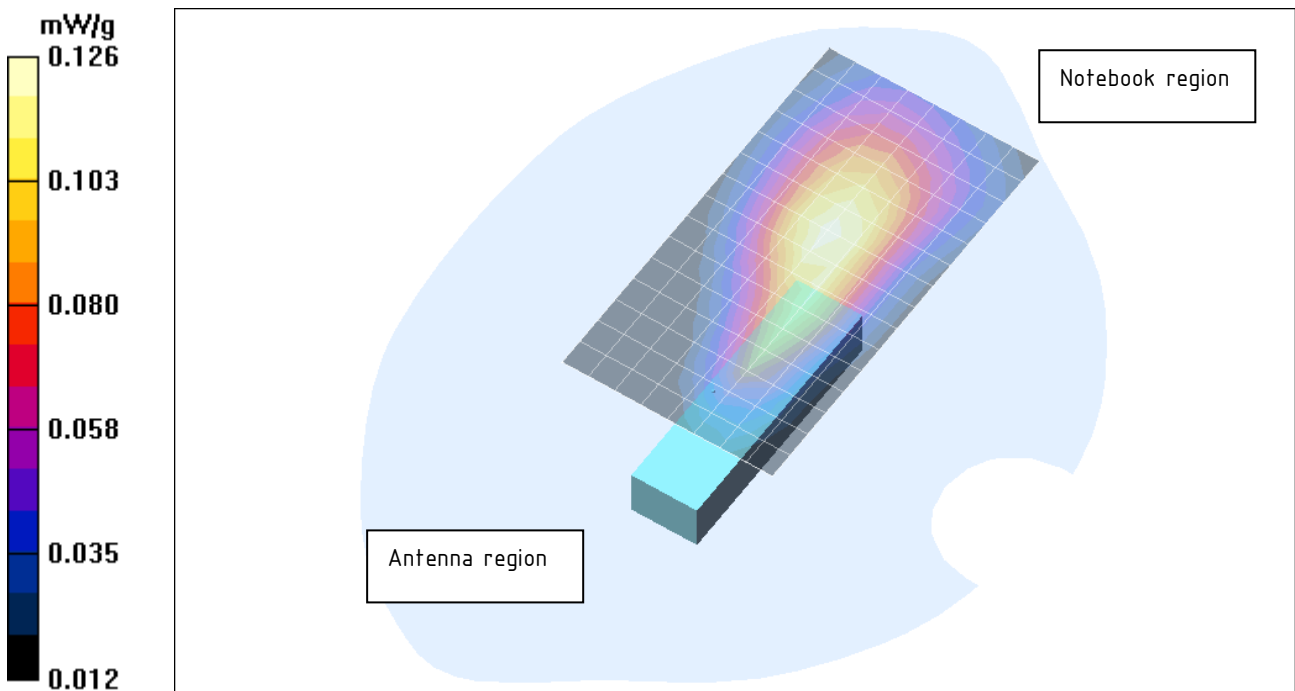
Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:4.16
Medium parameters used: $\sigma = 1$ mho/m, $\epsilon_r = 53.77$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_3/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.123 mW/g

Faema Pos_3/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.47 V/m; Power Drift = -0.051 dB
Peak SAR (extrapolated) = 0.153 W/kg
SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.083 mW/g
Maximum value of SAR (measured) = 0.126 mW/g



Orientation 3 - GSM850 - EDGE - ch251

060708_Faema_2Slots_SonyGross_GSM850_MCS5_ch251_5mm_P3_IMEIxxx06572

DUT: Faema; Type: USB Data Card; Serial: First Board

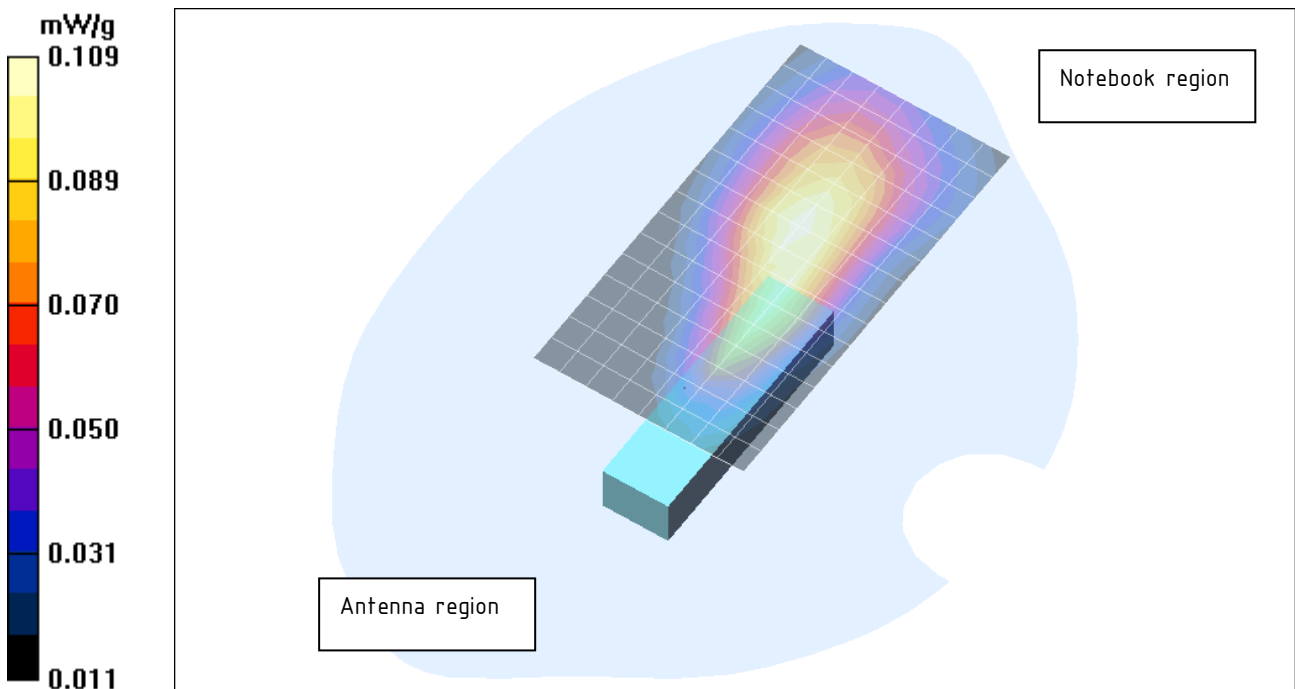
Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4.16
Medium parameters used: $\sigma = 1.01$ mho/m, $\epsilon_r = 53.67$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_3/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.107 mW/g

Faema Pos_3/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.23 V/m; Power Drift = -0.158 dB
Peak SAR (extrapolated) = 0.133 W/kg
SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.071 mW/g
Maximum value of SAR (measured) = 0.109 mW/g



Orientation 3 - PCS1900 - EDGE - ch512

230608_Faema_3Slots_SonyGross_GSM1900_MCS5_ch512_5mm_P3_IMEIxxx07596

DUT: Faema; Type: USB Data Card; Serial: First Board

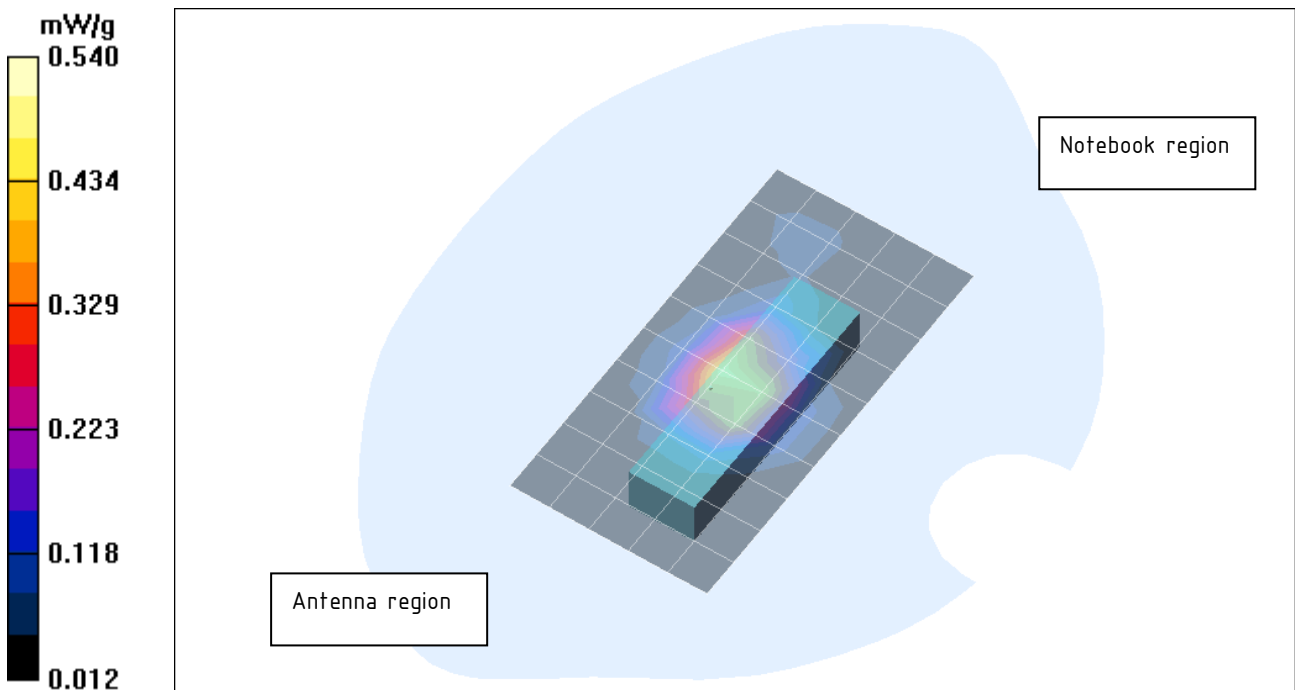
Communication System: GSM1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.8
Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_3/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.459 mW/g

Faema Pos_3/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.1 V/m; Power Drift = -0.066 dB
Peak SAR (extrapolated) = 0.791 W/kg
SAR(1 g) = 0.485 mW/g; SAR(10 g) = 0.277 mW/g
Maximum value of SAR (measured) = 0.540 mW/g



Orientation 3 - PCS1900 - EDGE - ch661

230608_Faema_3Slots_SonyGross_GSM1900_MCS5_ch661_5mm_P3_IMEIxxx07596

DUT: Faema; Type: USB Data Card; Serial: First Board

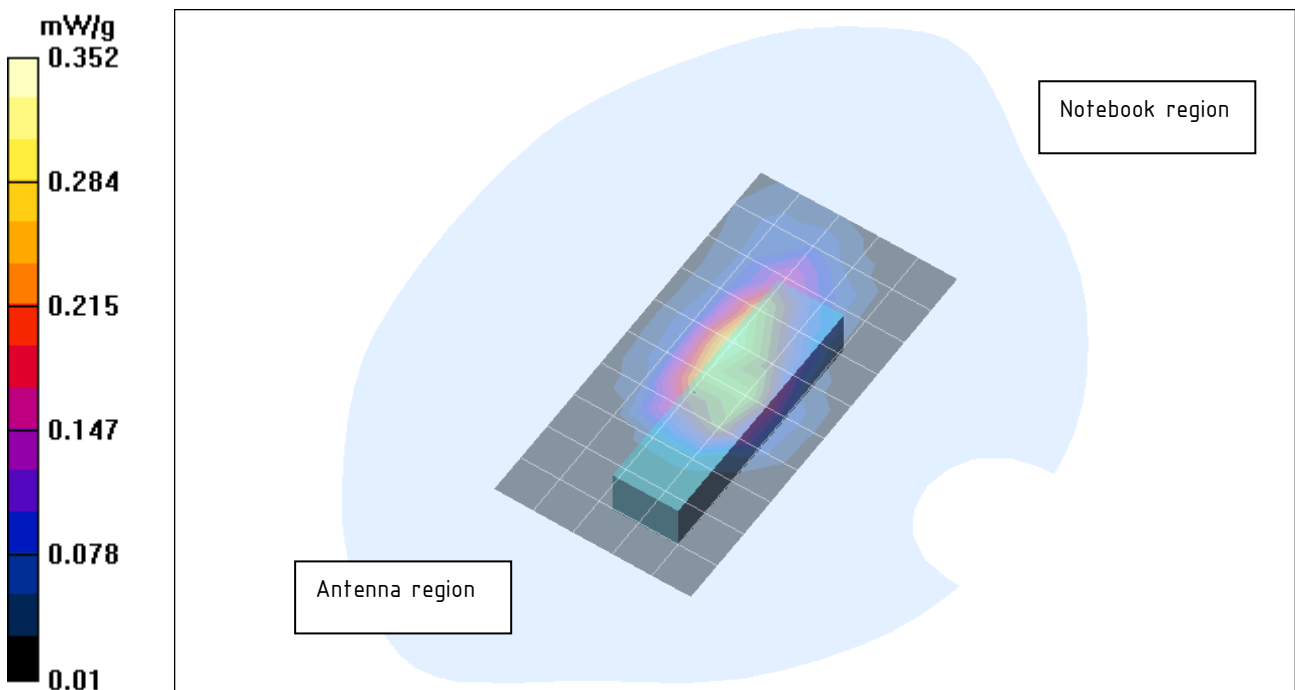
Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:2.8
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_3/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.319 mW/g

Faema Pos_3/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.3 V/m; Power Drift = -0.155 dB
Peak SAR (extrapolated) = 0.543 W/kg
SAR(1 g) = 0.320 mW/g; SAR(10 g) = 0.182 mW/g
Maximum value of SAR (measured) = 0.352 mW/g



Orientation 3 - PCS1900 - EDGE - ch810

230608_Faema_3Slots_SonyGross_GSM1900_MCS5_ch810_5mm_P3_IMEIxxx07596

DUT: Faema; Type: USB Data Card; Serial: First Board

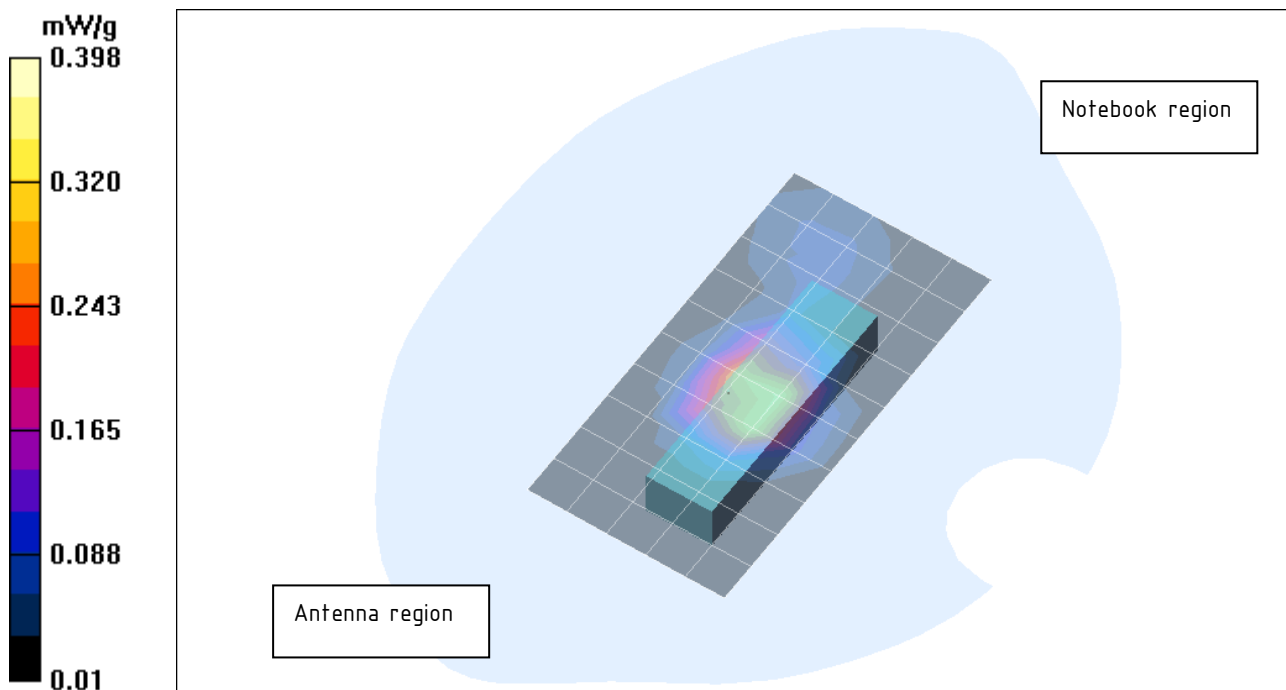
Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.8
Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_3/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.328 mW/g

Faema Pos_3/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.1 V/m; Power Drift = -0.143 dB
Peak SAR (extrapolated) = 0.598 W/kg
SAR(1 g) = 0.356 mW/g; SAR(10 g) = 0.199 mW/g
Maximum value of SAR (measured) = 0.398 mW/g



Orientation 3 - WCDMA Band II - ch9262

230608_Faema_SonyGross_WCDMA_II_ch9262_5mm_P3_IMEIxxx07596

DUT: Faema; Type: USB Data Card; Serial: First Board

Communication System: FDD2; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos3/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.932 mW/g

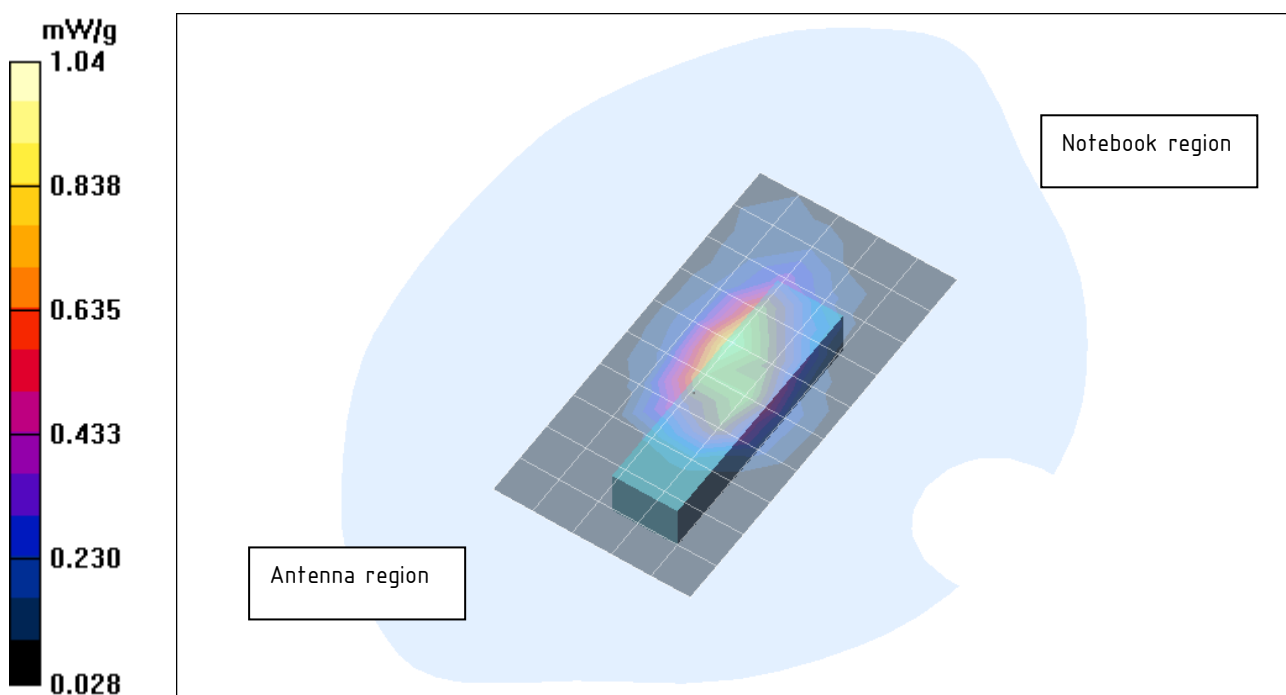
Faema Pos3/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.5 V/m; Power Drift = 0.045 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.942 mW/g; SAR(10 g) = 0.533 mW/g

Maximum value of SAR (measured) = 1.04 mW/g



Orientation 3 – WCDMA Band II – ch9400

230608_Faema_SonyGross_WCDMA_II_ch9400_5mm_P3_IMEIxxx07596

DUT: Faema; Type: USB Data Card; Serial: First Board

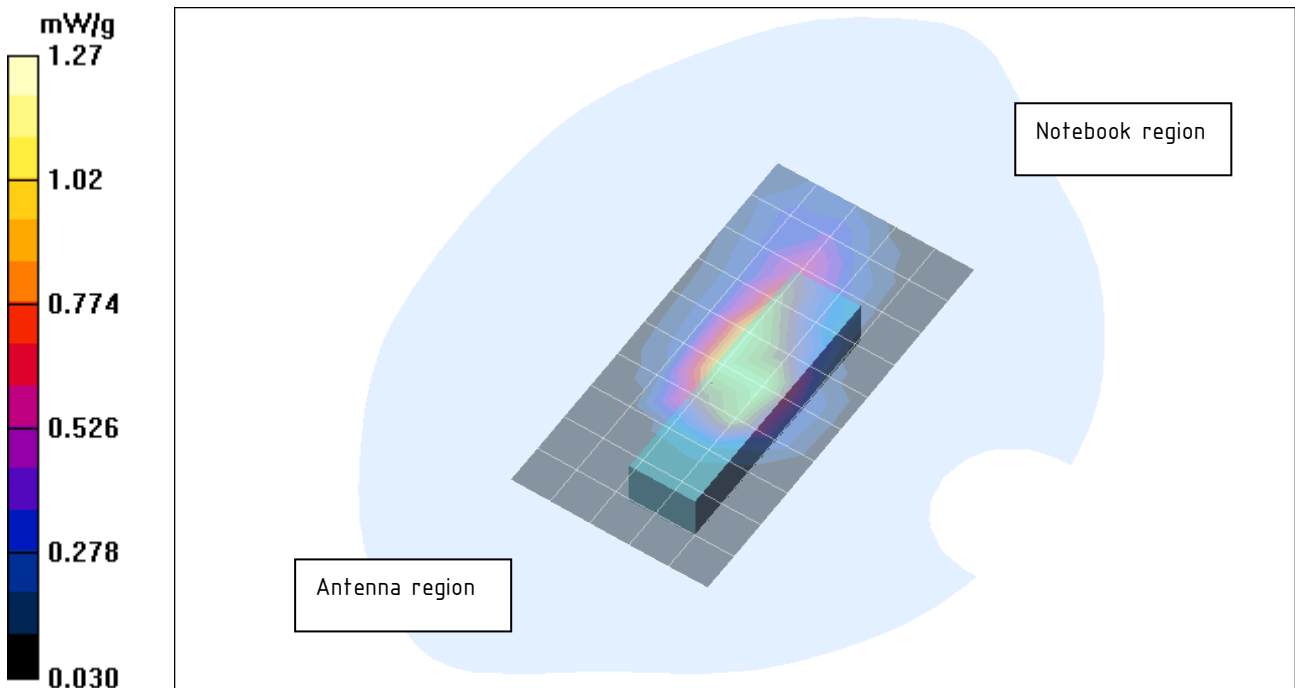
Communication System: FDD2; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 – SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos3/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.10 mW/g

Faema Pos3/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.1 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.98 W/kg
SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.667 mW/g
Maximum value of SAR (measured) = 1.27 mW/g



Orientation 3 – WCDMA Band II – ch9538

230608_Faema_SonyGross_WCDMA_II_ch9538_5mm_P3_IMEIxxx07596

DUT: Faema; Type: USB Data Card; Serial: First Board

Communication System: FDD2; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 – SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos3/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.958 mW/g

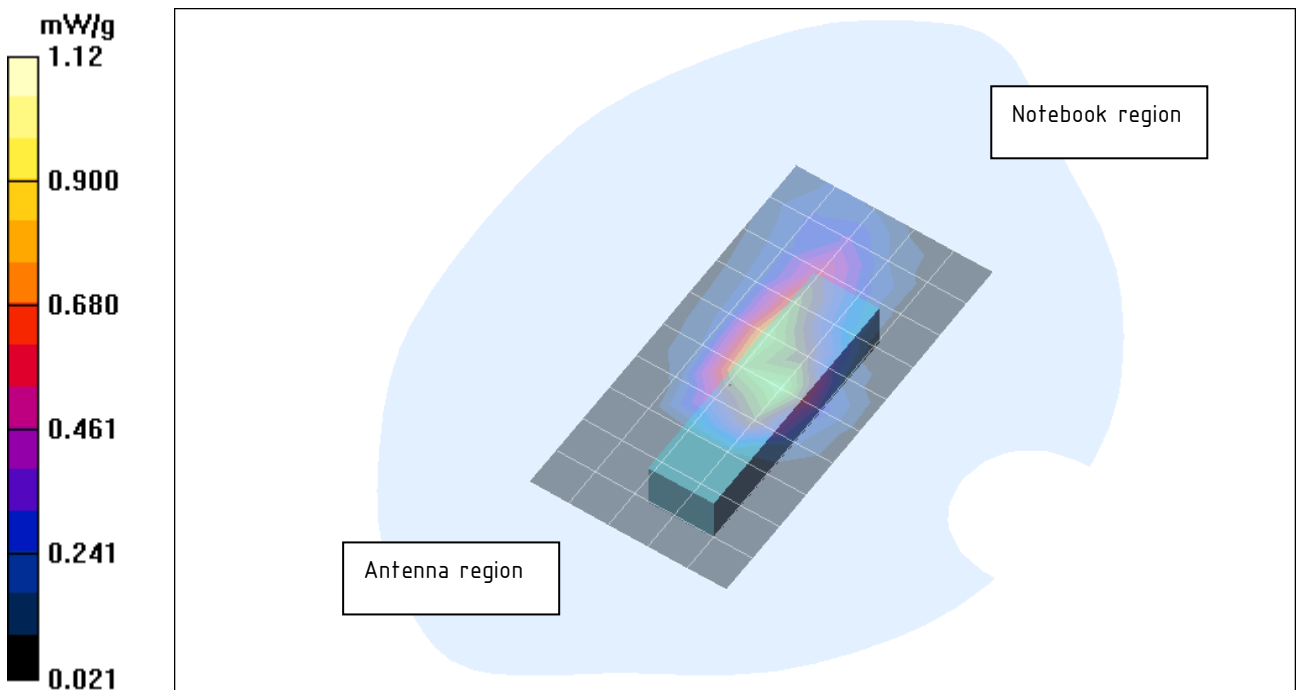
Faema Pos3/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.4 V/m; Power Drift = 0.101 dB

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 1 mW/g; SAR(10 g) = 0.559 mW/g

Maximum value of SAR (measured) = 1.12 mW/g



Orientation 3 – WCDMA Band V – ch4132

060708_Faema_SonyGross_WCDMA_V_ch4132_5mm_P3_IMEIxxx06572

DUT: Faema; Type: USB Data Card; Serial: First Board

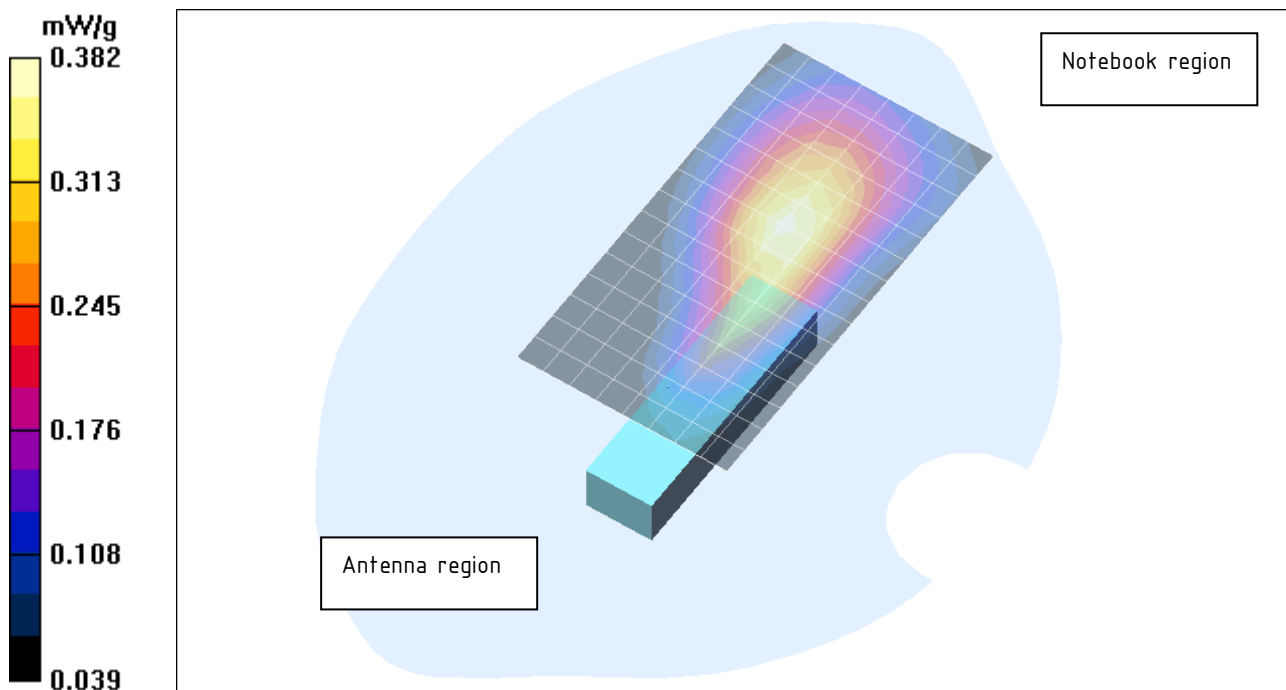
Communication System: FDD5; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium parameters used: $\sigma = 0.98$ mho/m, $\epsilon_r = 53.91$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 – SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_3/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.374 mW/g

Faema Pos_3/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.3 V/m; Power Drift = -0.079 dB
Peak SAR (extrapolated) = 0.463 W/kg
SAR(1 g) = 0.358 mW/g; SAR(10 g) = 0.253 mW/g
Maximum value of SAR (measured) = 0.382 mW/g



Orientation 3 – WCDMA Band V – ch4183

070708_Faema_SonyGross_WCDMA_V_ch4183_5mm_P3_IMEIxxx06572

DUT: Faema; Type: USB Data Card; Serial: First Board

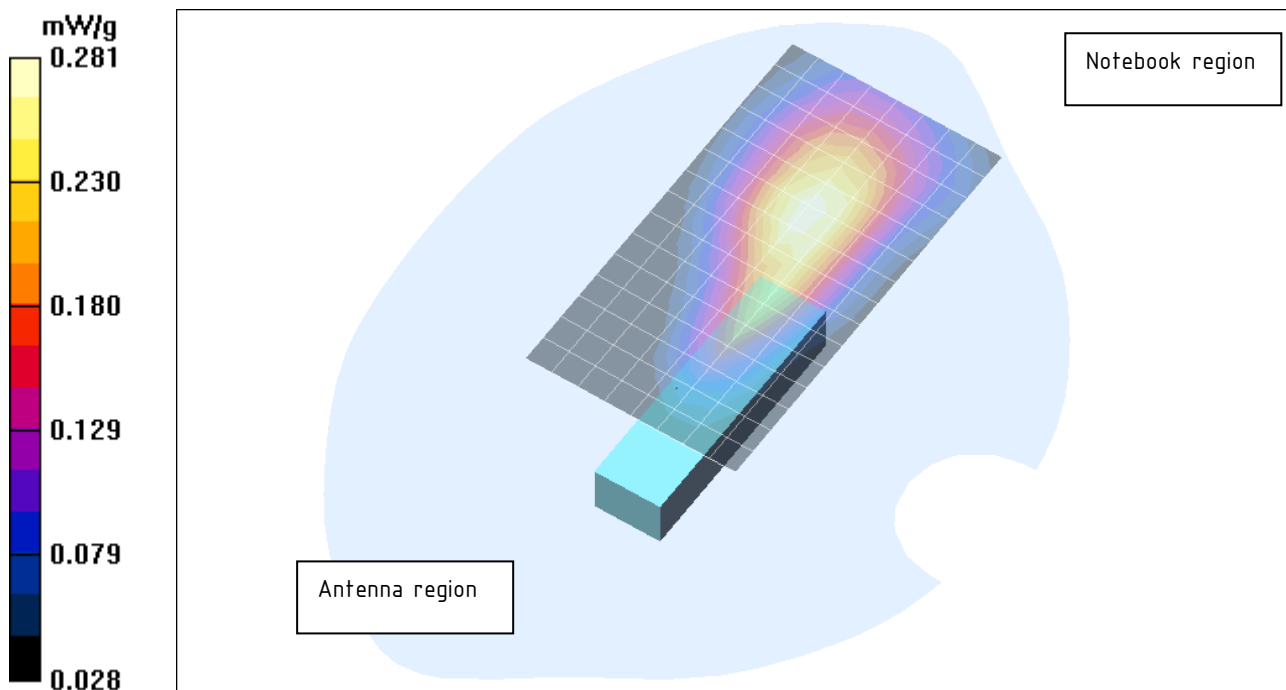
Communication System: FDD5; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $\sigma = 1$ mho/m, $\epsilon_r = 53.77$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 – SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_3/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.278 mW/g

Faema Pos_3/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.0 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.339 W/kg
SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.185 mW/g
Maximum value of SAR (measured) = 0.281 mW/g



Orientation 3 – WCDMA Band V – ch4233

070708_Faema_SonyGross_WCDMA_V_ch4233_5mm_P3_IMEIxxx06572

DUT: Faema; Type: USB Data Card; Serial: First Board

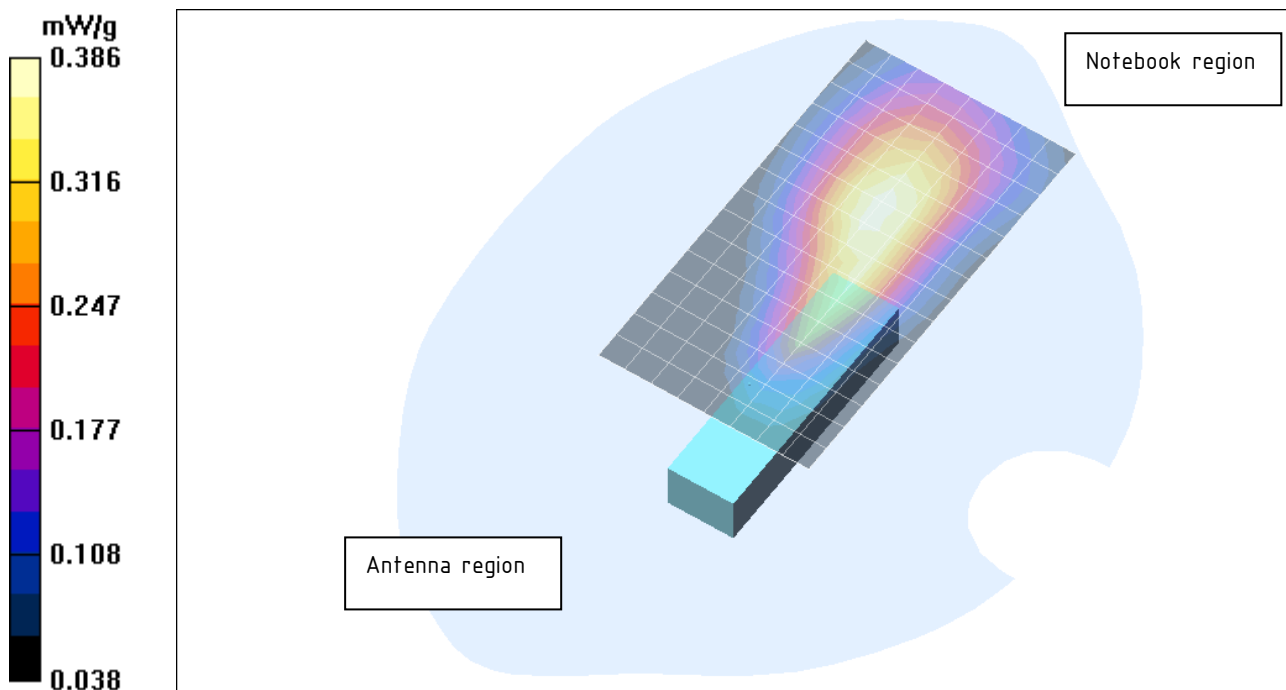
Communication System: FDD5; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium parameters used: $\sigma = 1.01$ mho/m, $\epsilon_r = 53.67$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 – SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_3/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.380 mW/g

Faema Pos_3/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.7 V/m; Power Drift = -0.071 dB
Peak SAR (extrapolated) = 0.467 W/kg
SAR(1 g) = 0.361 mW/g; SAR(10 g) = 0.255 mW/g
Maximum value of SAR (measured) = 0.386 mW/g



Orientation 4 - GSM850 - GPRS - ch128

060708_Faema_3Slots_SonyGross_GSM850_ch128_5mm_P4_IMEIxxx06572

DUT: Faema; Type: USB Data Card; Serial: First Board

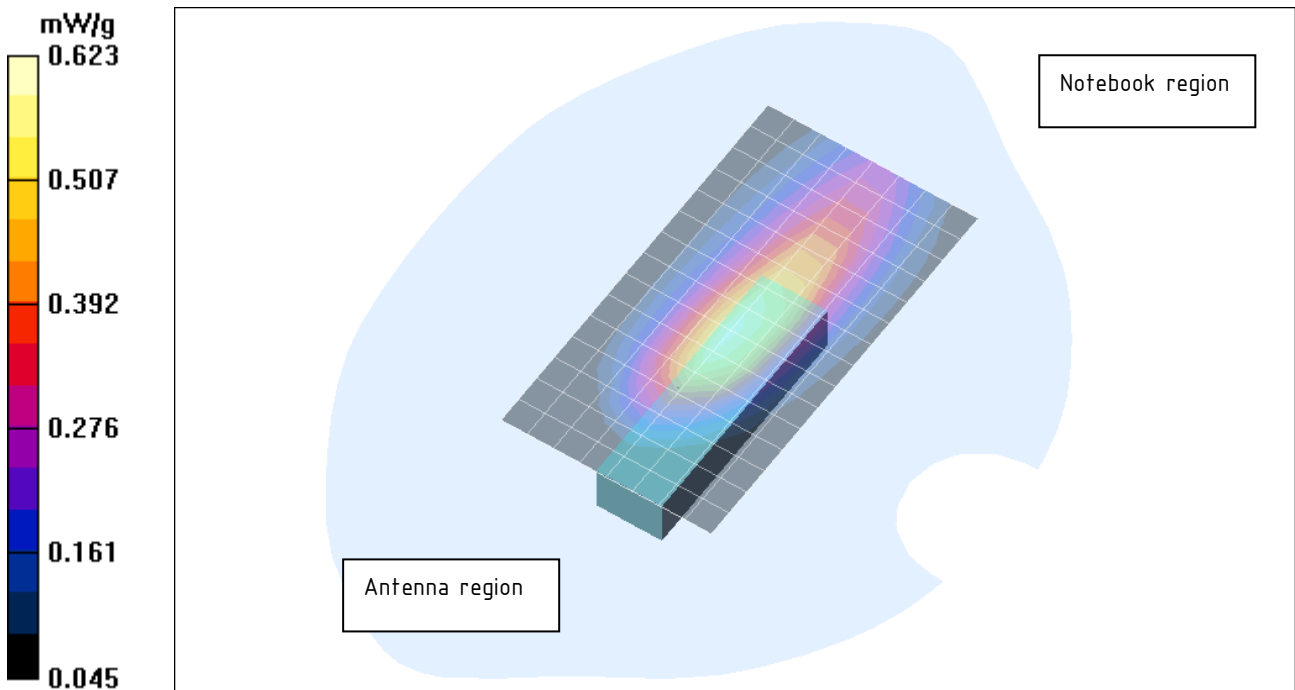
Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2.8
Medium parameters used: $\sigma = 0.98$ mho/m, $\epsilon_r = 53.91$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_4/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.608 mW/g

Faema Pos_4/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.8 V/m; Power Drift = -0.014 dB
Peak SAR (extrapolated) = 0.819 W/kg
SAR(1 g) = 0.569 mW/g; SAR(10 g) = 0.370 mW/g
Maximum value of SAR (measured) = 0.623 mW/g



Orientation 4 - GSM850 - GPRS - ch190

060708_Faema_3Slots_SonyGross_GSM850_ch190_5mm_P4_IMElxxx06572

DUT: Faema; Type: USB Data Card; Serial: First Board

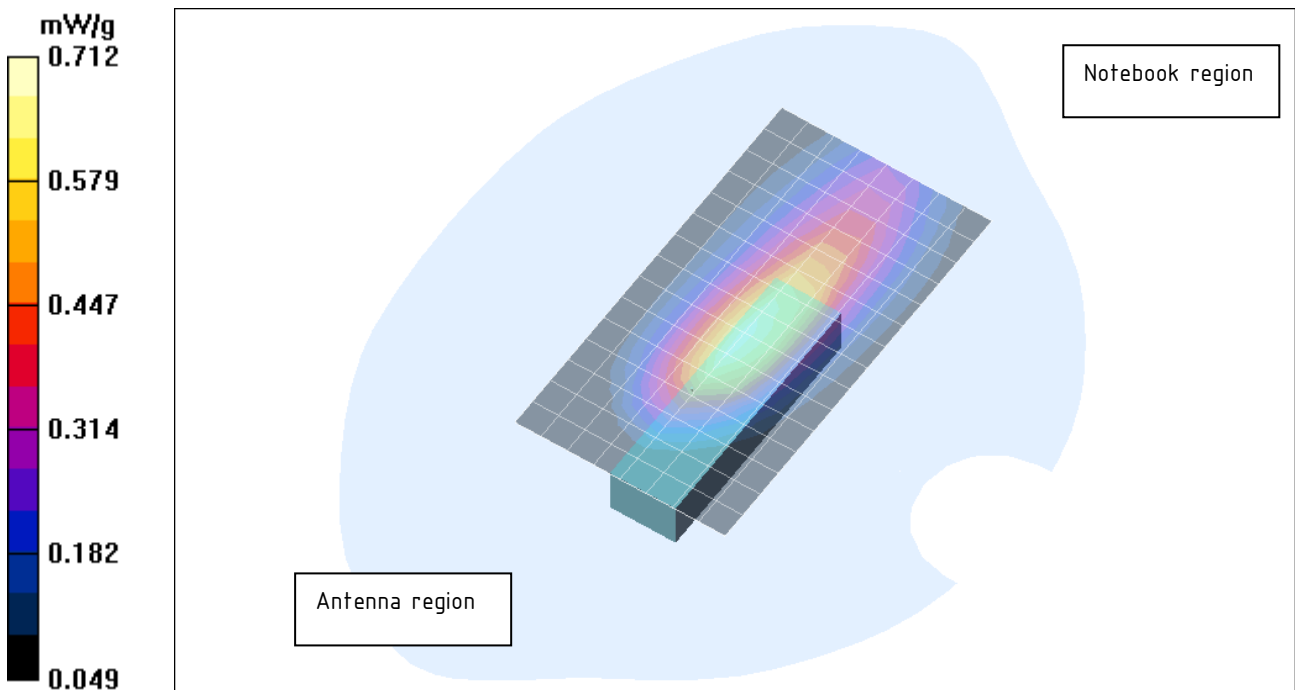
Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:2.8
Medium parameters used: $\sigma = 1$ mho/m, $\epsilon_r = 53.77$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_4/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.698 mW/g

Faema Pos_4/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.3 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.941 W/kg
SAR(1 g) = 0.654 mW/g; SAR(10 g) = 0.422 mW/g
Maximum value of SAR (measured) = 0.712 mW/g



Orientation 4 - GSM850 - GPRS - ch251

060708_Faema_3Slots_SonyGross_GSM850_ch251_5mm_P4_IMEIxxx06572

DUT: Faema; Type: USB Data Card; Serial: First Board

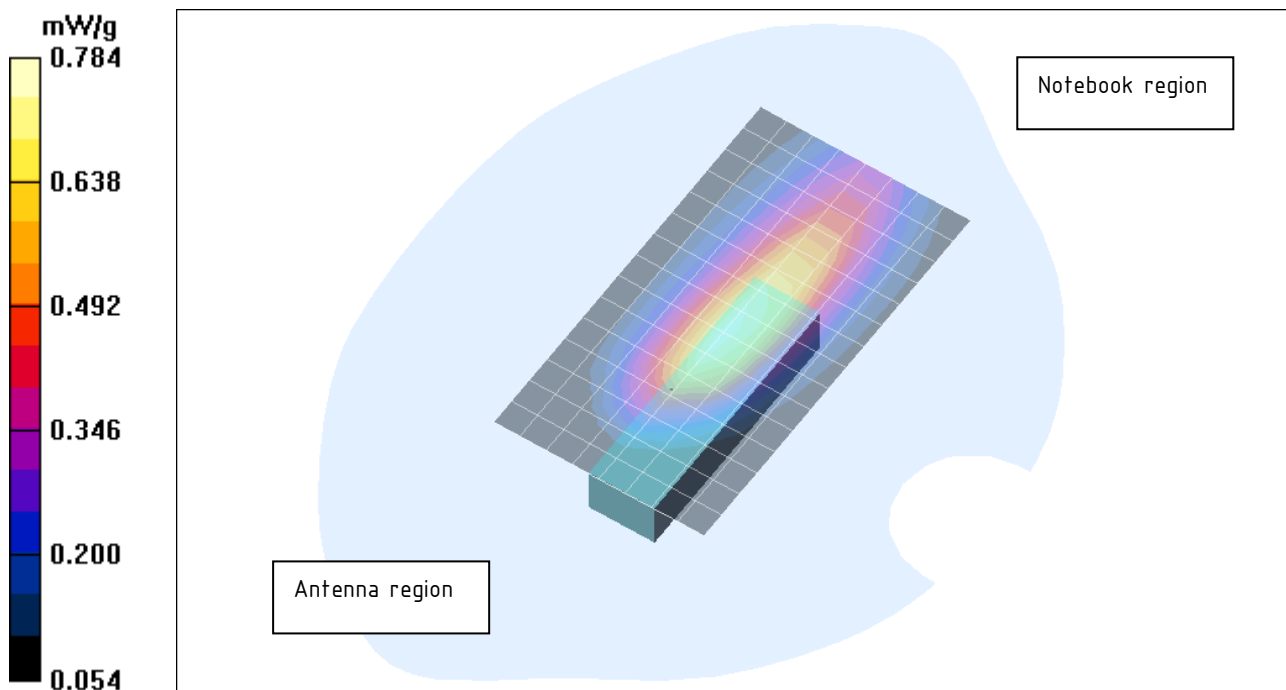
Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.8
Medium parameters used: $\sigma = 1.01$ mho/m, $\epsilon_r = 53.67$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_4/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.775 mW/g

Faema Pos_4/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.5 V/m; Power Drift = -0.032 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.722 mW/g; SAR(10 g) = 0.469 mW/g
Maximum value of SAR (measured) = 0.784 mW/g



Orientation 4 - PCS1900 - GPRS - ch512

230608_Faema_3Slots_SonyGross_GSM1900_ch512_5mm_P4_IMEIxxx07596

DUT: Faema; Type: USB Data Card; Serial: First Board

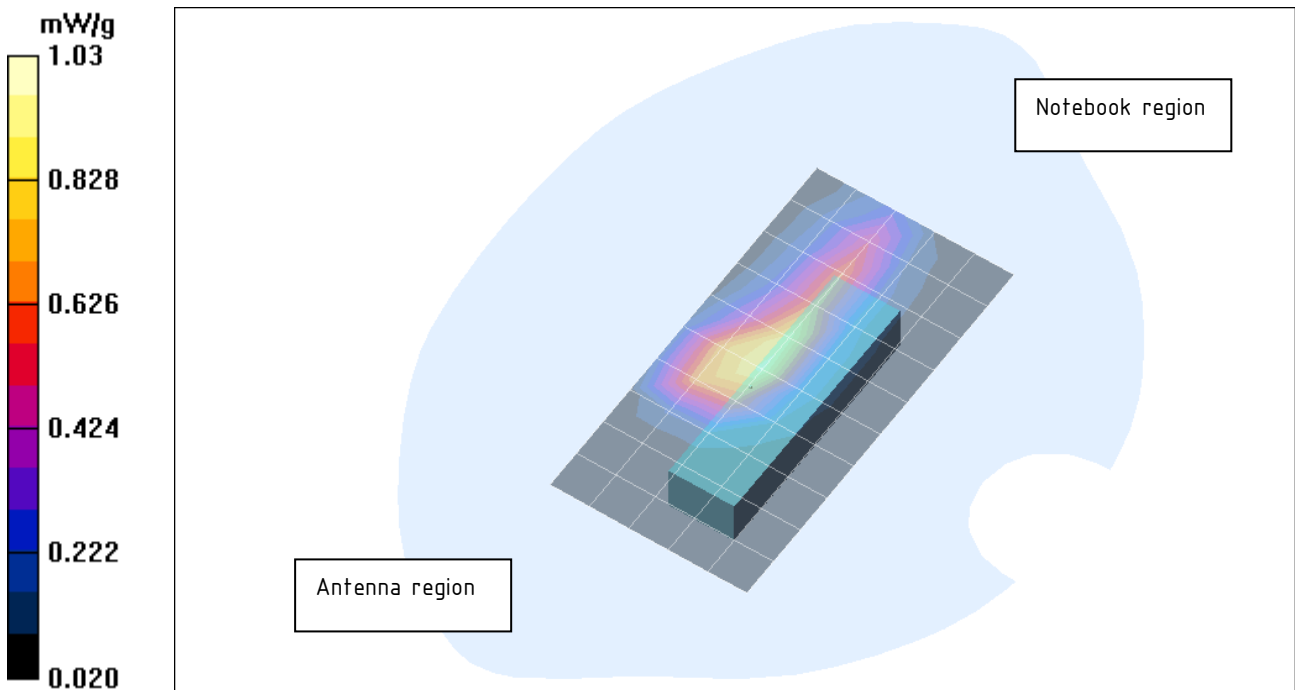
Communication System: GSM1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.8
Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_4/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.918 mW/g

Faema Pos_4/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.0 V/m; Power Drift = 0.012 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.932 mW/g; SAR(10 g) = 0.533 mW/g
Maximum value of SAR (measured) = 1.03 mW/g



Orientation 4 - PCS1900 - GPRS - ch661

230608_Faema_3Slots_SonyGross_GSM1900_ch661_5mm_P4_IMEIxxx07596

DUT: Faema; Type: USB Data Card; Serial: First Board

Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:2.8

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_4/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.923 mW/g

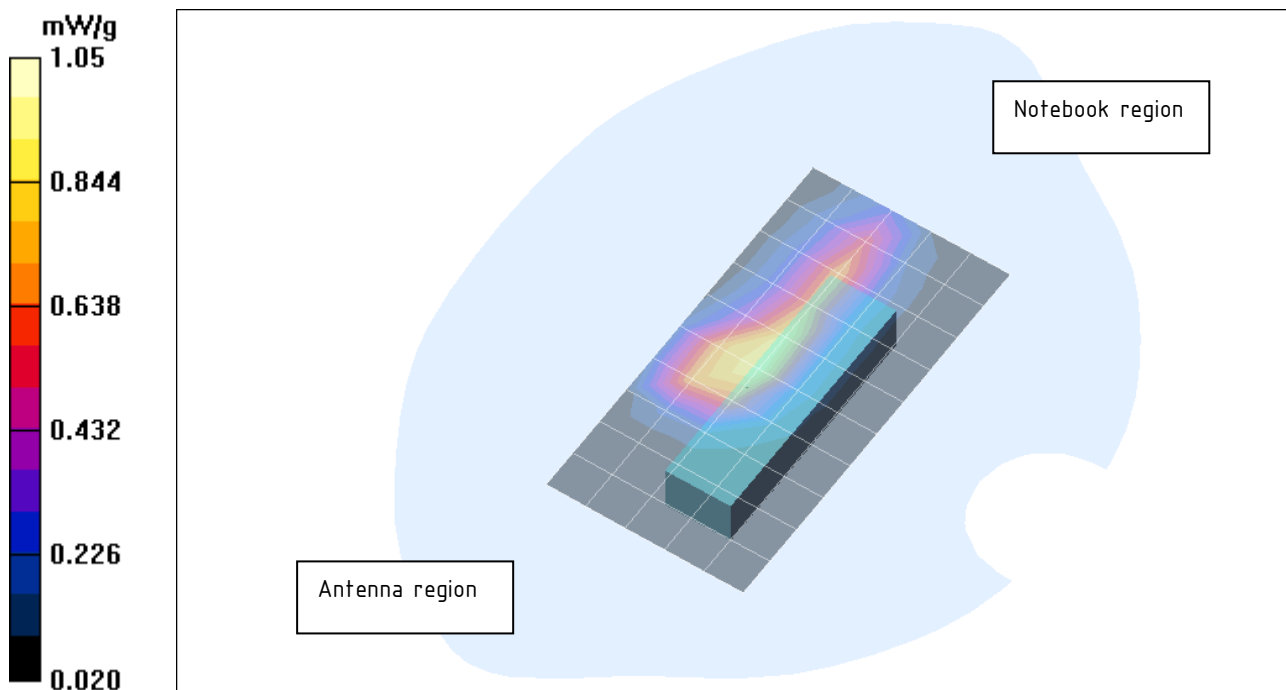
Faema Pos_4/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.7 V/m; Power Drift = 0.084 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.952 mW/g; SAR(10 g) = 0.541 mW/g

Maximum value of SAR (measured) = 1.05 mW/g



Orientation 4 - PCS1900 - GPRS - ch810

230608_Faema_3Slots_SonyGross_GSM1900_ch810_5mm_P4_IMEIxxx07596

DUT: Faema; Type: USB Data Card; Serial: First Board

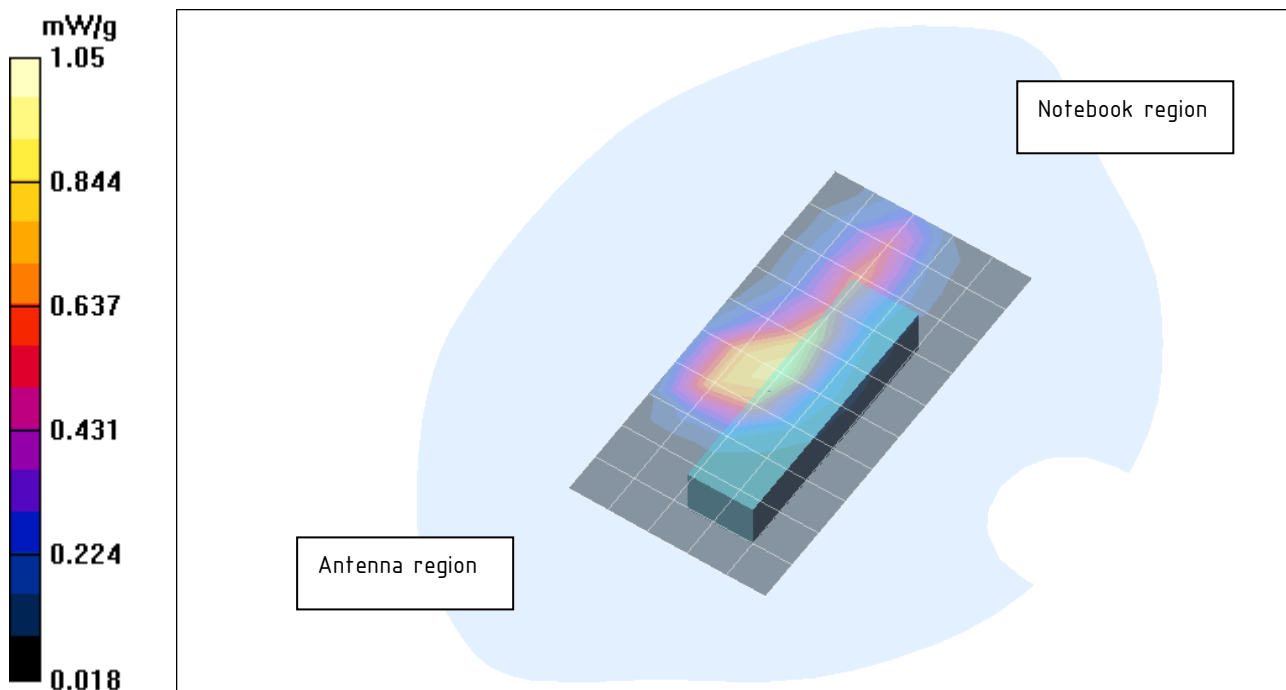
Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.8
Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_4/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.918 mW/g

Faema Pos_4/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.1 V/m; Power Drift = 0.104 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 0.963 mW/g; SAR(10 g) = 0.543 mW/g
Maximum value of SAR (measured) = 1.05 mW/g



Orientation 4 - GSM850 - EDGE - ch128

060708_Faema_2Slots_SonyGross_GSM850_MCS5_ch128_5mm_P4_IMEIxxx06572

DUT: Faema; Type: USB Data Card; Serial: First Board

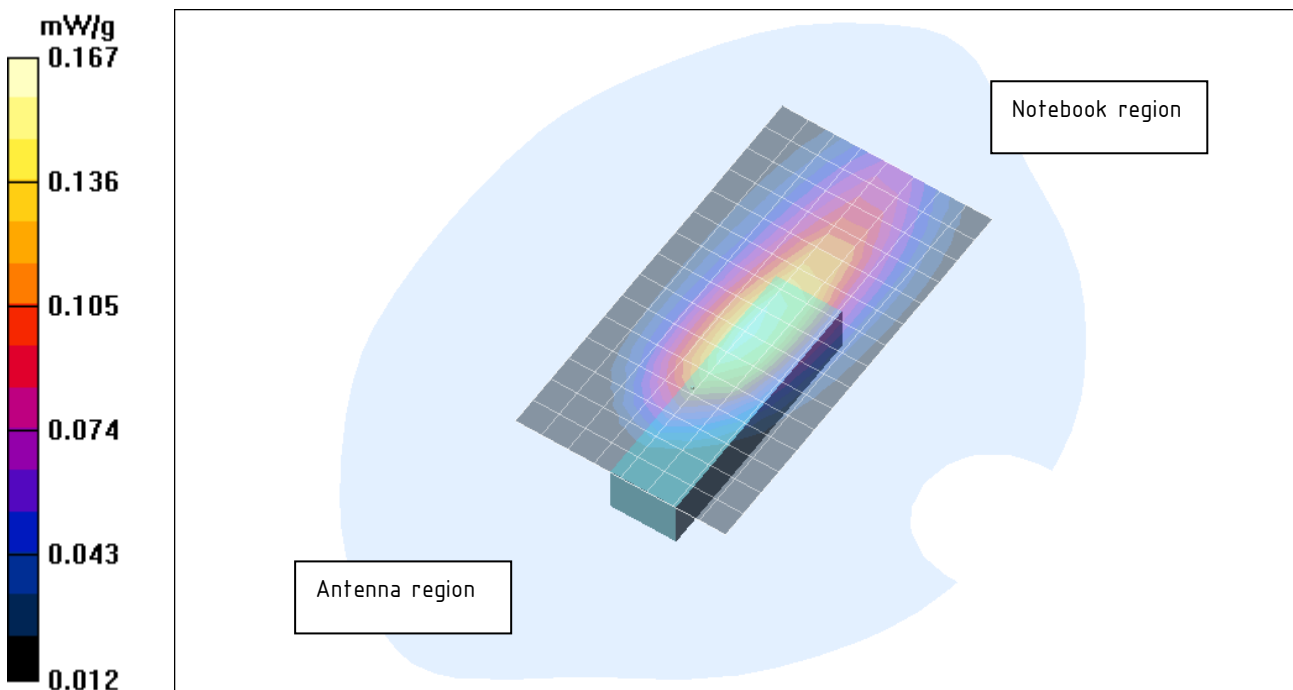
Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4.16
Medium parameters used: $\sigma = 0.98$ mho/m, $\epsilon_r = 53.91$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_4/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.165 mW/g

Faema Pos_4/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.4 V/m; Power Drift = -0.029 dB
Peak SAR (extrapolated) = 0.221 W/kg
SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.100 mW/g
Maximum value of SAR (measured) = 0.167 mW/g



Orientation 4 - GSM850 - EDGE - ch190

060708_Faema_2Slots_SonyGross_GSM850_MCS5_ch190_5mm_P4_IMEIxxx06572

DUT: Faema; Type: USB Data Card; Serial: First Board

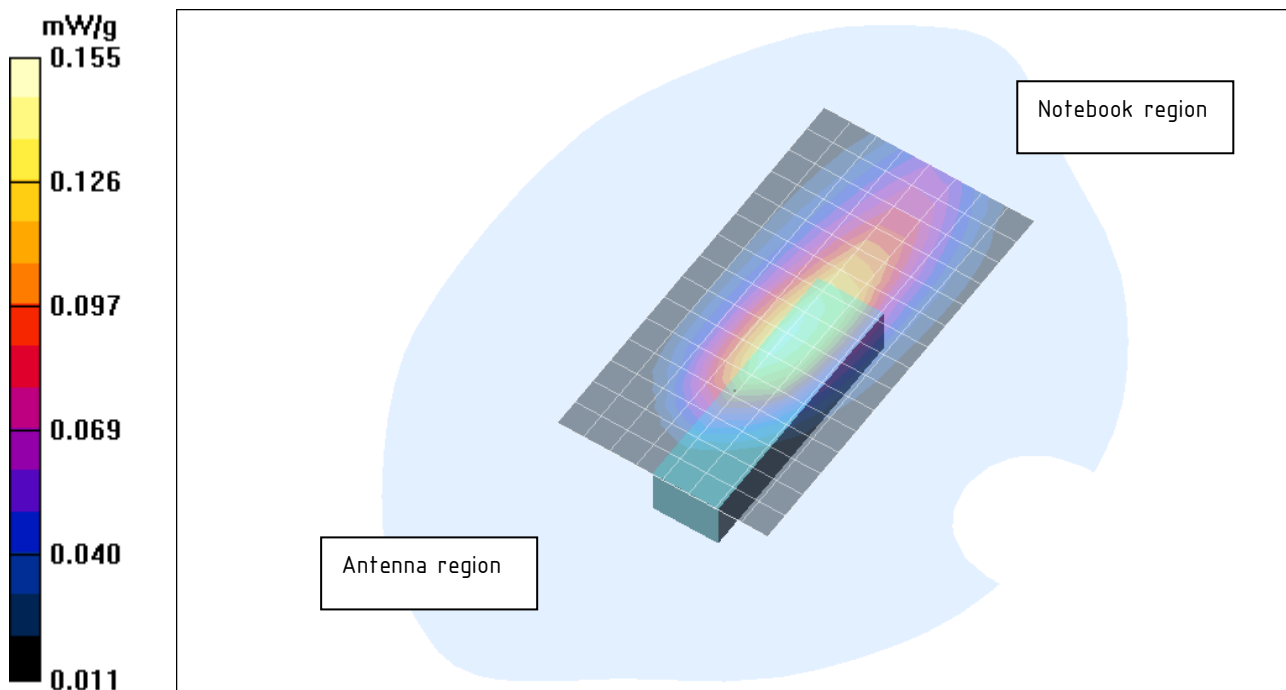
Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:4.16
Medium parameters used: $\sigma = 1$ mho/m, $\epsilon_r = 53.77$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_4/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.151 mW/g

Faema Pos_4/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.8 V/m; Power Drift = -0.031 dB
Peak SAR (extrapolated) = 0.206 W/kg
SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.092 mW/g
Maximum value of SAR (measured) = 0.155 mW/g



Orientation 4 - GSM850 - EDGE - ch251

070708_Faema_2Slots_SonyGross_GSM850_MCS5_ch251_5mm_P4_IMEIxxx06572

DUT: Faema; Type: USB Data Card; Serial: First Board

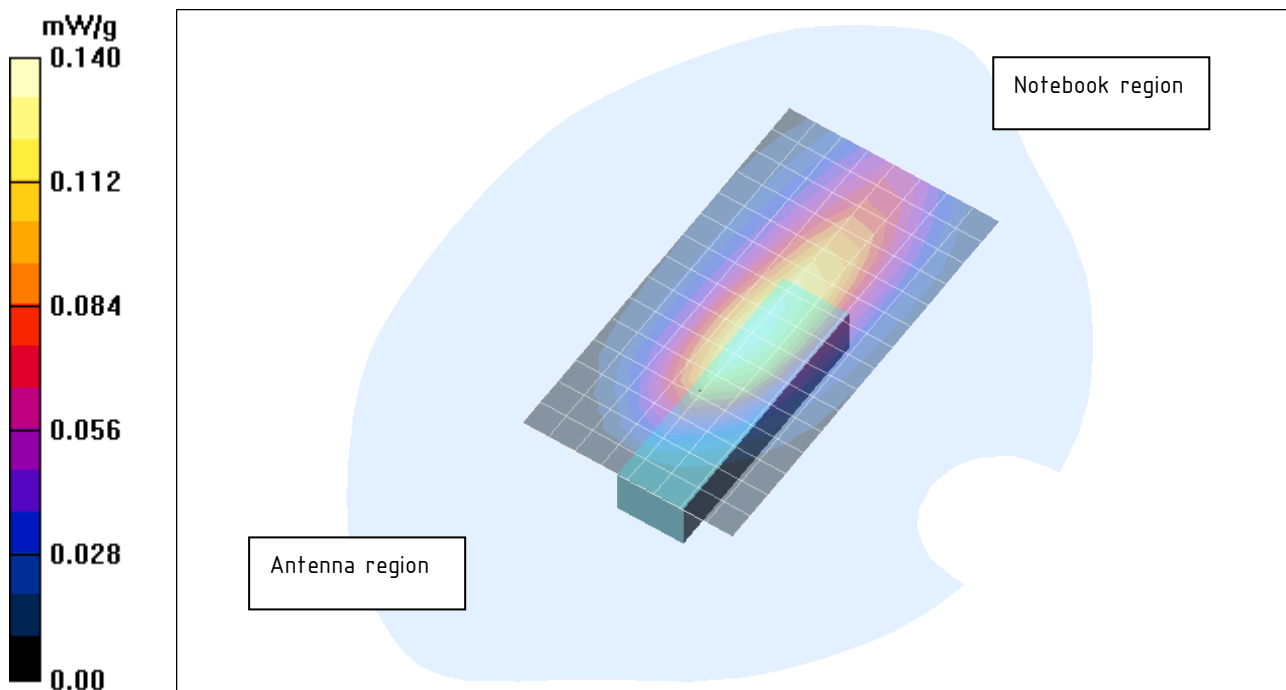
Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4.16
Medium parameters used: $\sigma = 1.01$ mho/m, $\epsilon_r = 53.67$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_4/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.142 mW/g

Faema Pos_4/Zoom Scan (9x9x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.3 V/m; Power Drift = -0.094 dB
Peak SAR (extrapolated) = 0.184 W/kg
SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.083 mW/g
Maximum value of SAR (measured) = 0.140 mW/g



Orientation 4 - PCS1900 - EDGE - ch512

230608_Faema_3Slots_SonyGross_GSM1900_MCS5_ch512_5mm_P4_IMEIxxx07596

DUT: Faema; Type: USB Data Card; Serial: First Board

Communication System: GSM1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.8

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_4/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.323 mW/g

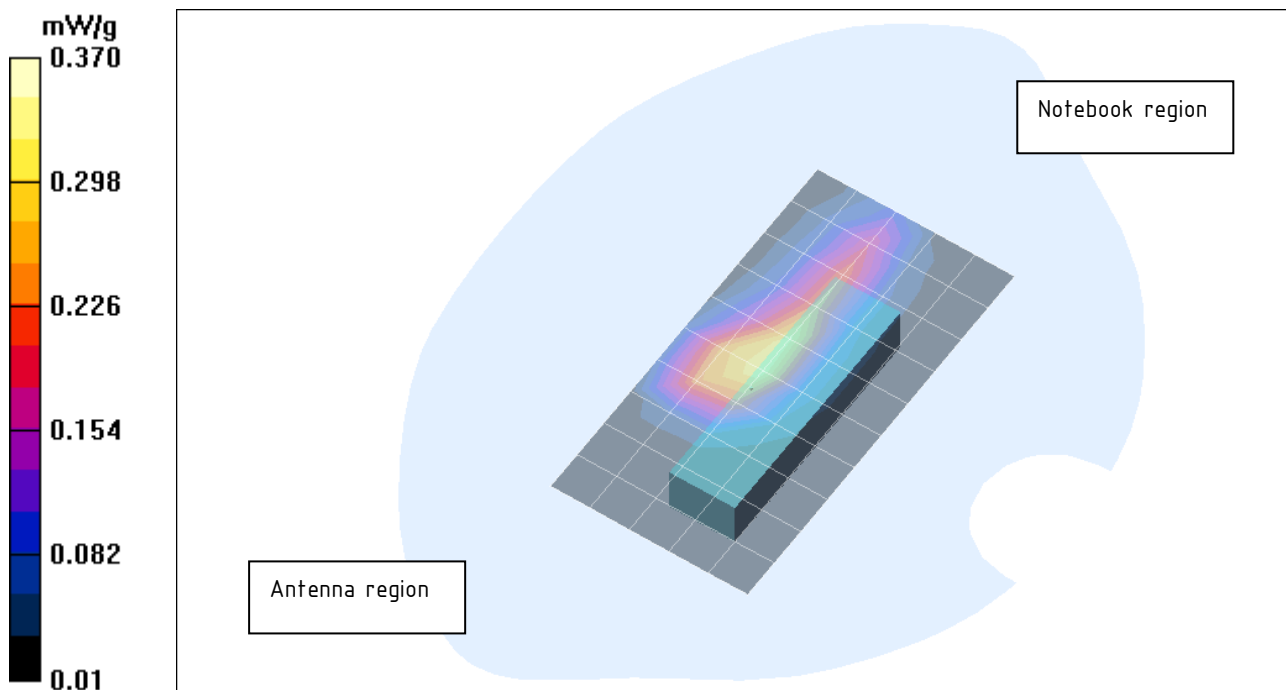
Faema Pos_4/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.7 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 0.533 W/kg

SAR(1 g) = 0.333 mW/g; SAR(10 g) = 0.192 mW/g

Maximum value of SAR (measured) = 0.370 mW/g



Orientation 4 - PCS1900 - EDGE - ch661

230608_Faema_3Slots_SonyGross_GSM1900_MCS5_ch661_5mm_P4_IMEIxxx07596

DUT: Faema; Type: USB Data Card; Serial: First Board

Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:2.8
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

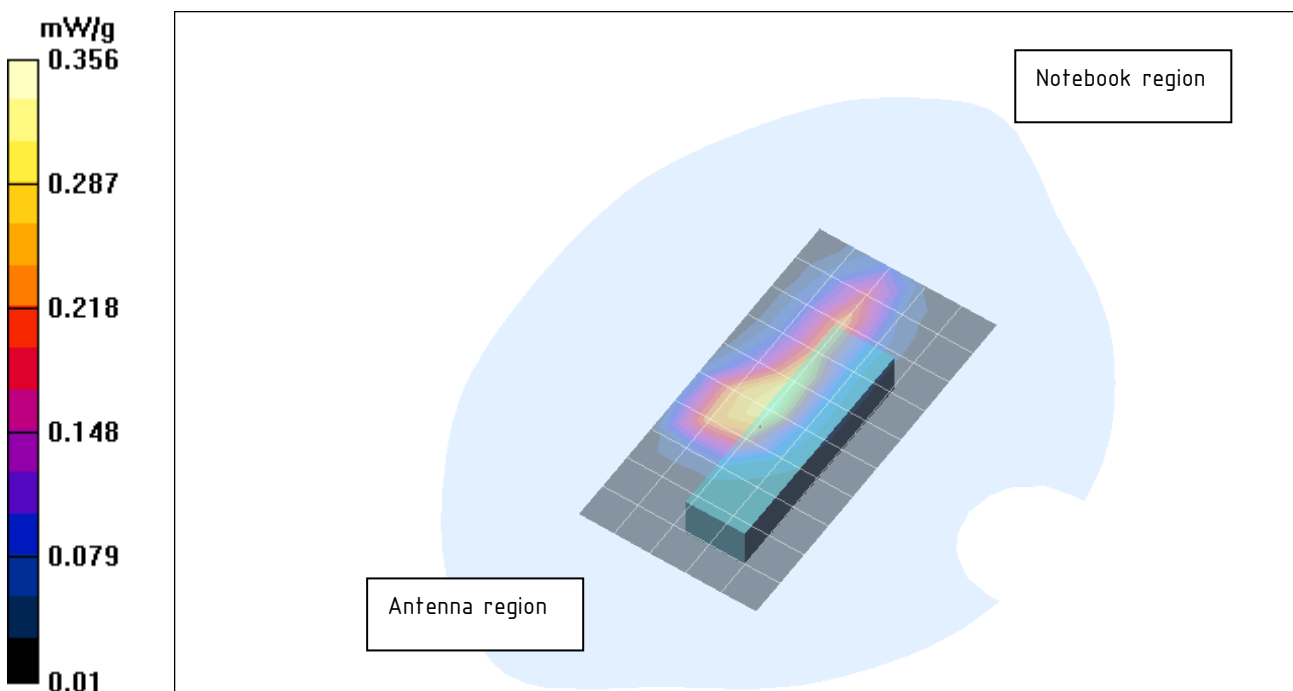
DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_4/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.316 mW/g

Faema Pos_4/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.1 V/m; Power Drift = 0.057 dB
Peak SAR (extrapolated) = 0.537 W/kg
SAR(1 g) = 0.325 mW/g; SAR(10 g) = 0.184 mW/g

Maximum value of SAR (measured) = 0.356 mW/g



Orientation 4 - PCS1900 - EDGE - ch810

230608_Faema_3Slots_SonyGross_GSM1900_MCS5_ch810_5mm_P4_IMEIxxx07596

DUT: Faema; Type: USB Data Card; Serial: First Board

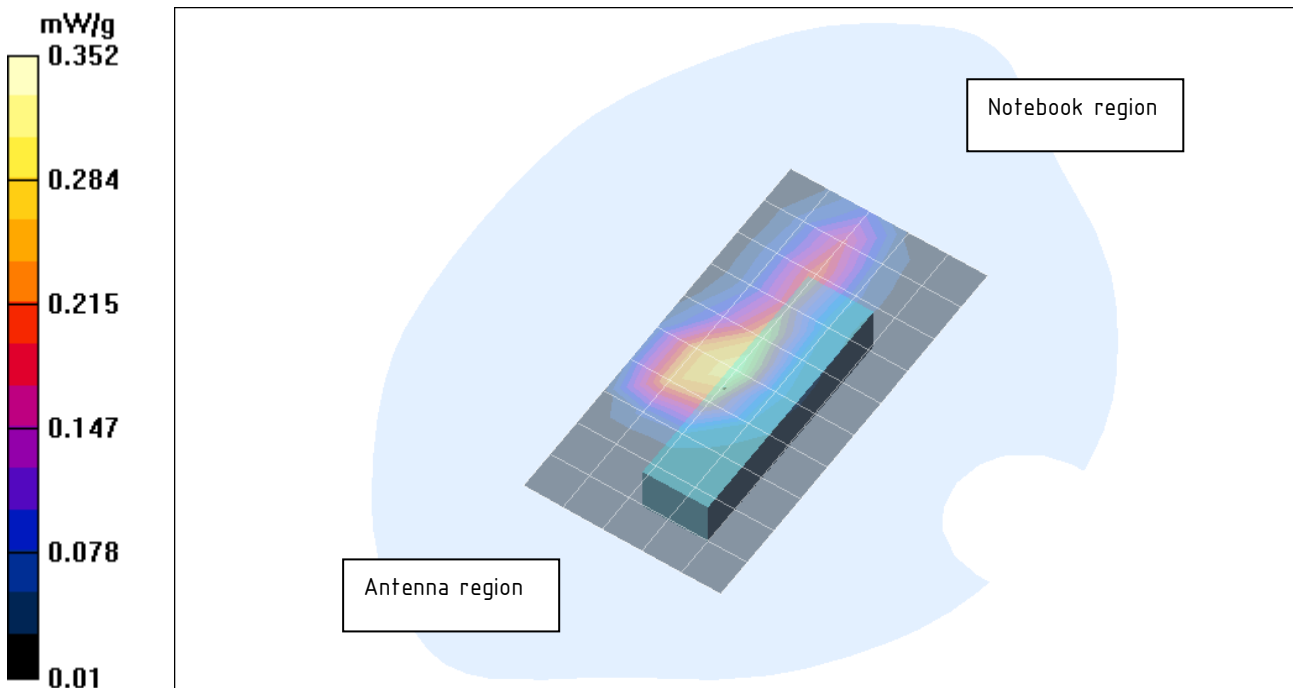
Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.8
Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_4/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.307 mW/g

Faema Pos_4/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.7 V/m; Power Drift = 0.068 dB
Peak SAR (extrapolated) = 0.528 W/kg
SAR(1 g) = 0.319 mW/g; SAR(10 g) = 0.179 mW/g
Maximum value of SAR (measured) = 0.352 mW/g



Orientation 4 - WCDMA II - ch9262

230608_Faema_SonyGross_WCDMA_II_ch9262_5mm_P4_IMEIxxx07596

DUT: Faema; Type: USB Data Card; Serial: First Board

Communication System: FDD2; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos4/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.817 mW/g

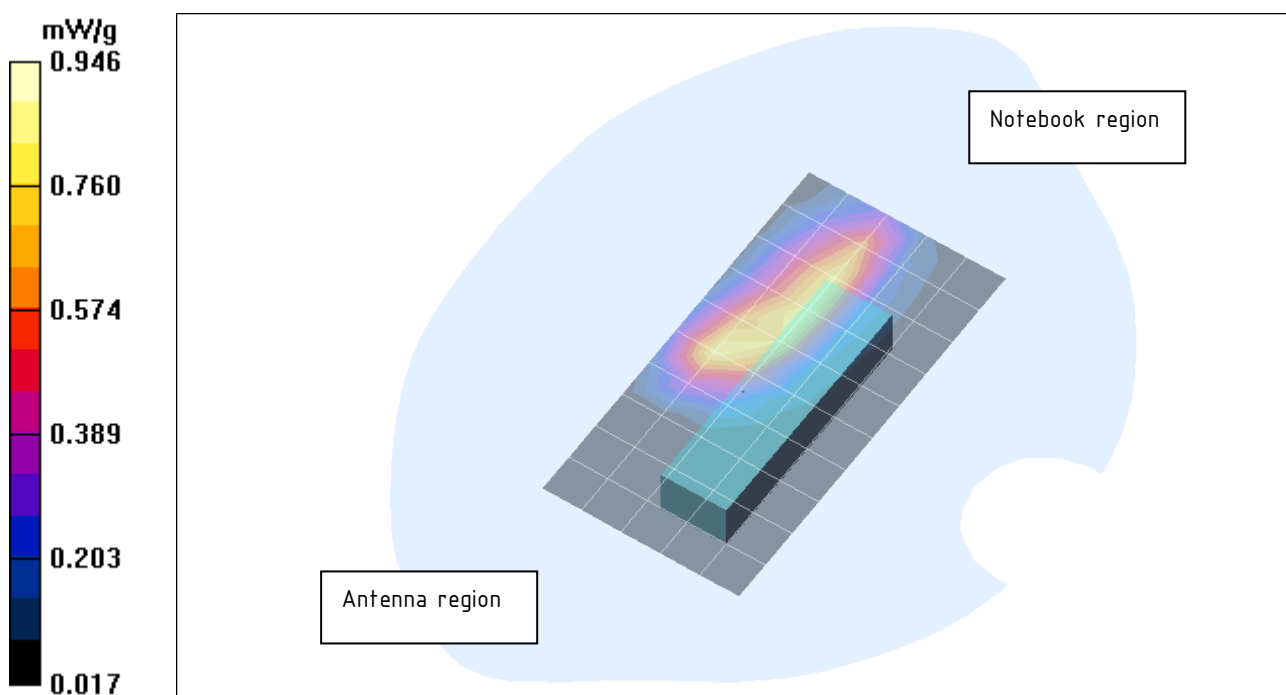
Faema Pos4/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.2 V/m; Power Drift = -0.094 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.848 mW/g; SAR(10 g) = 0.486 mW/g

Maximum value of SAR (measured) = 0.946 mW/g



Orientation 4 - WCDMA II - ch9400

230608_Faema_SonyGross_WCDMA_II_ch9400_5mm_P4_IMEIxxx07596

DUT: Faema; Type: USB Data Card; Serial: First Board

Communication System: FDD2; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

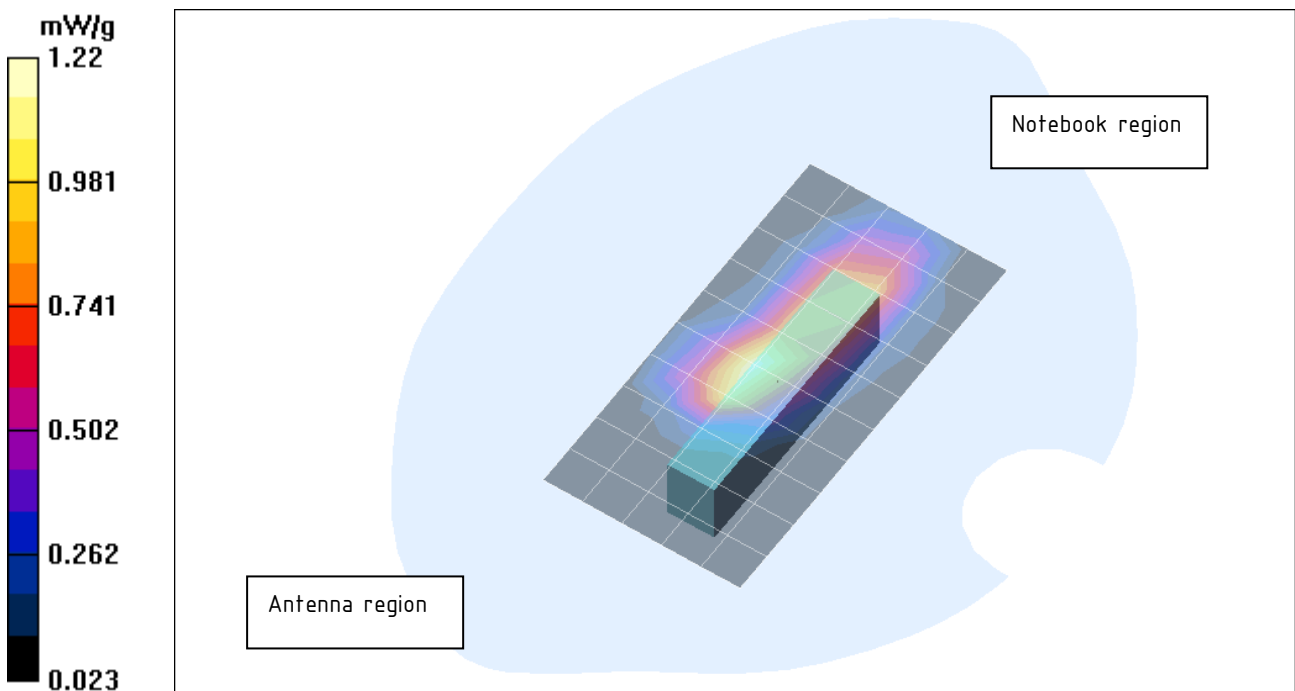
DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos4/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.19 mW/g

Faema Pos4/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.5 V/m; Power Drift = -0.053 dB
Peak SAR (extrapolated) = 1.81 W/kg
SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.633 mW/g

Maximum value of SAR (measured) = 1.22 mW/g



Orientation 4 - WCDMA II - ch9538

230608_Faema_SonyGross_WCDMA_II_ch9538_5mm_P4_IMEIxxx07596

DUT: Faema; Type: USB Data Card; Serial: First Board

Communication System: FDD2; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos4/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.16 mW/g

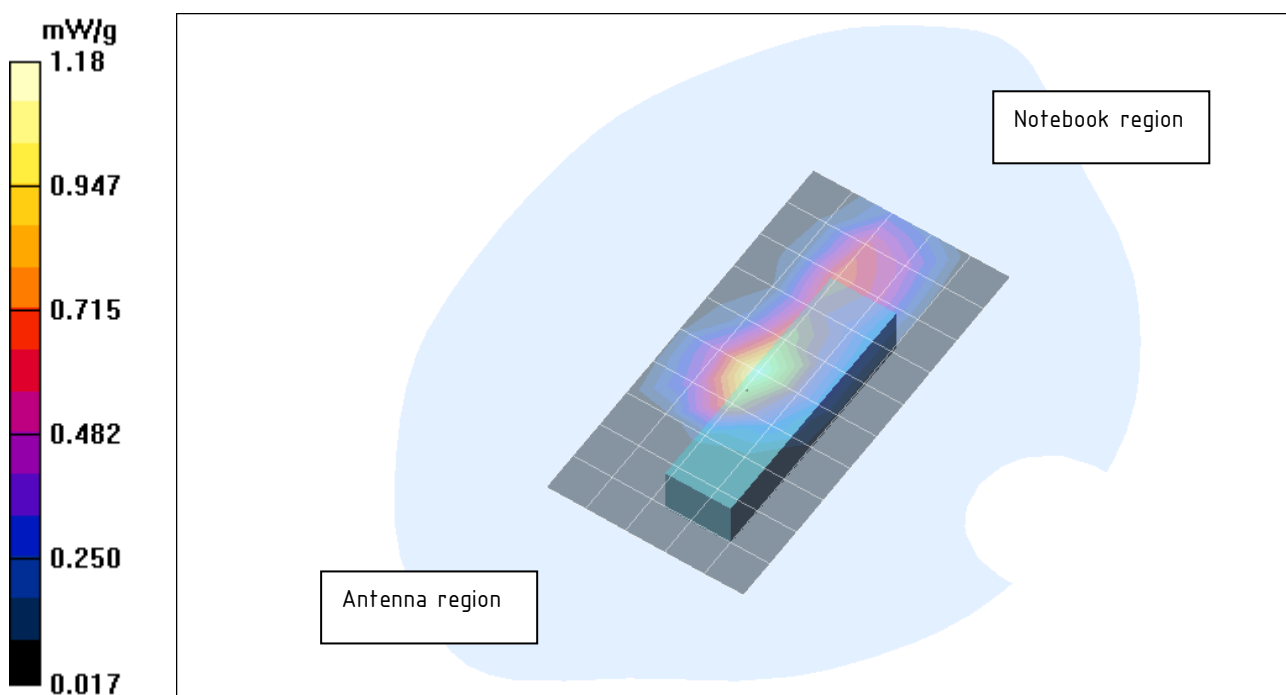
Faema Pos4/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.0 V/m; Power Drift = 0.027 dB

Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.591 mW/g

Maximum value of SAR (measured) = 1.18 mW/g



Orientation 4 - WCDMA V - ch4132

240608_Faema_SonyGross_WCDMA_V_ch4132_5mm_P4_IMEIxxx07596

DUT: Faema; Type: USB Data Card; Serial: First Board

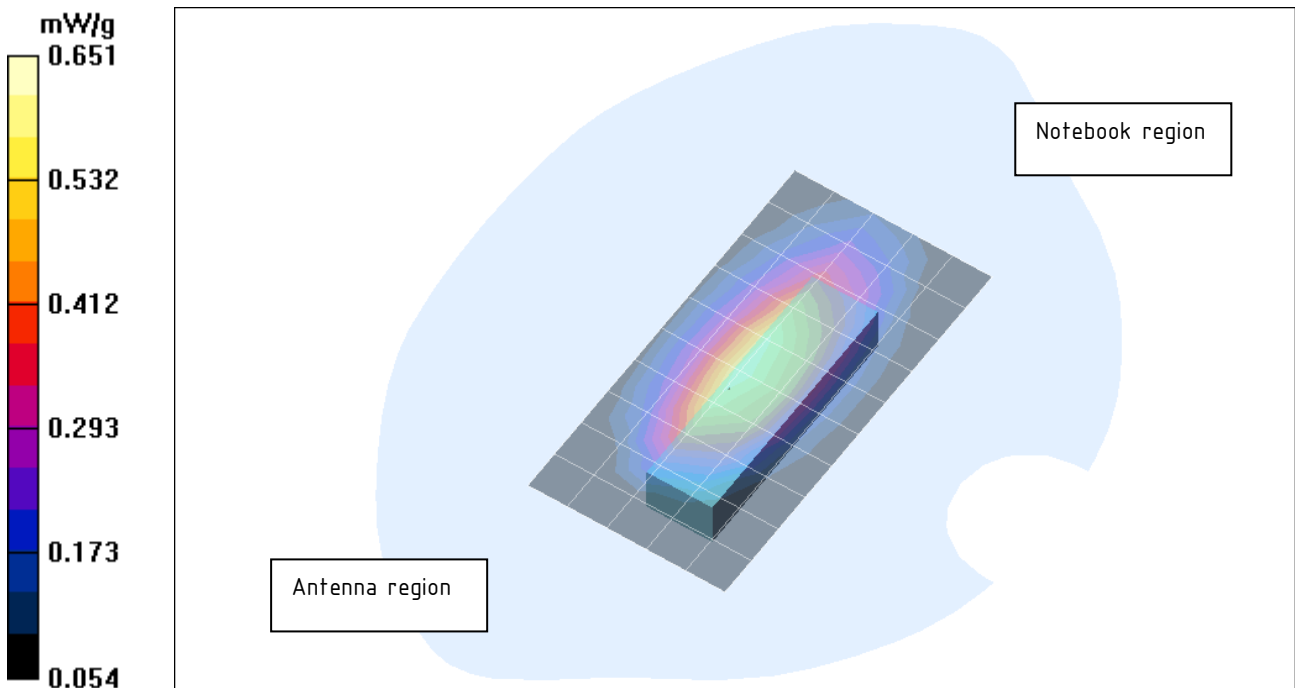
Communication System: FDD5; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium parameters used: $\sigma = 0.98$ mho/m, $\epsilon_r = 53.91$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_4/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.609 mW/g

Faema Pos_4/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.6 V/m; Power Drift = -0.134 dB
Peak SAR (extrapolated) = 0.853 W/kg
SAR(1 g) = 0.596 mW/g; SAR(10 g) = 0.388 mW/g
Maximum value of SAR (measured) = 0.651 mW/g



Orientation 4 - WCDMA V - ch4183

240608_Faema_SonyGross_WCDMA_V_ch4183_5mm_P4_IMEIxxx07596

DUT: Faema; Type: USB Data Card; Serial: First Board

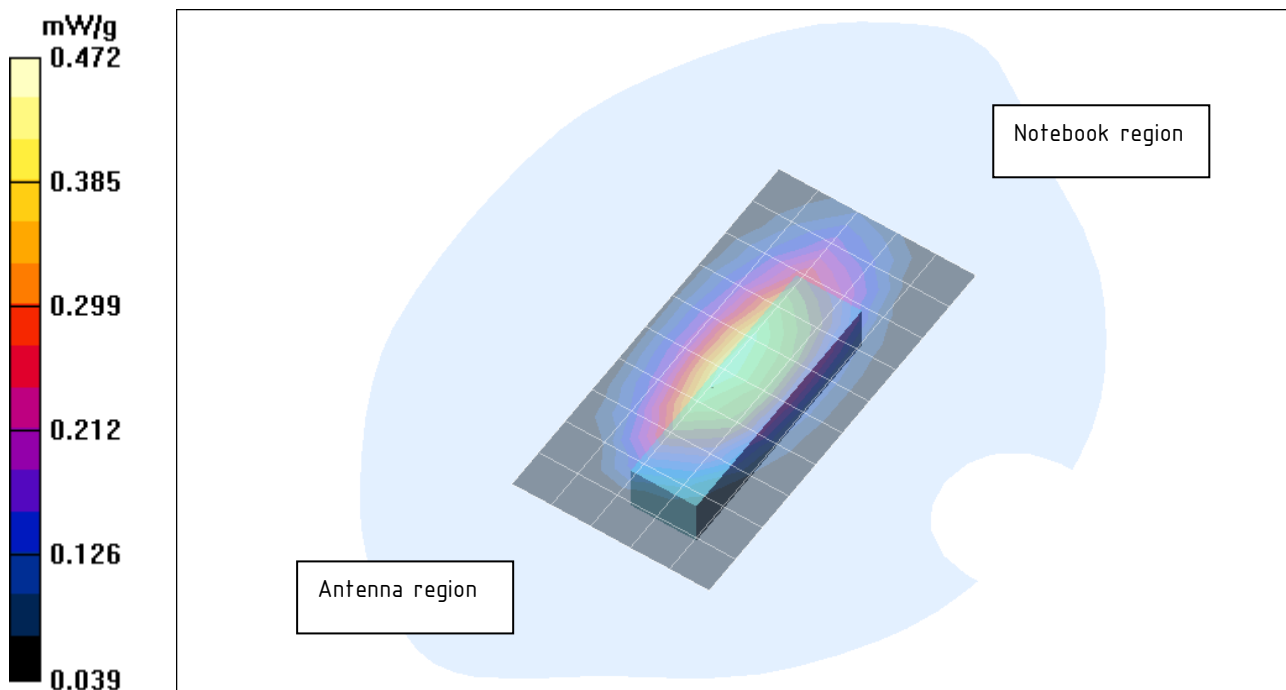
Communication System: FDD5; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $\sigma = 1$ mho/m, $\epsilon_r = 53.77$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_4/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.445 mW/g

Faema Pos_4/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.0 V/m; Power Drift = -0.042 dB
Peak SAR (extrapolated) = 0.618 W/kg
SAR(1 g) = 0.433 mW/g; SAR(10 g) = 0.282 mW/g
Maximum value of SAR (measured) = 0.472 mW/g



Orientation 4 - WCDMA V - ch4233

240608_Faema_SonyGross_WCDMA_V_ch4233_5mm_P4_IMEIxxx07596

DUT: Faema; Type: USB Data Card; Serial: First Board

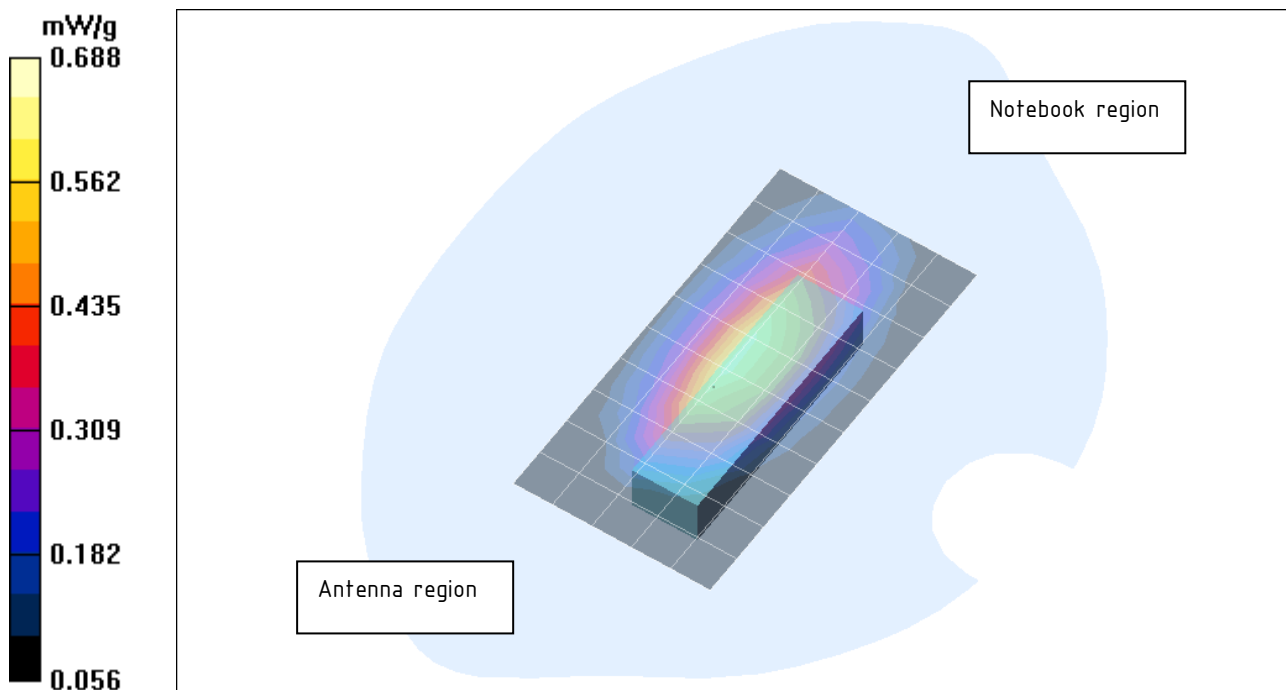
Communication System: FDD5; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium parameters used: $\sigma = 1.01$ mho/m, $\epsilon_r = 53.67$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_4/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.626 mW/g

Faema Pos_4/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.3 V/m; Power Drift = 0.110 dB
Peak SAR (extrapolated) = 0.899 W/kg
SAR(1 g) = 0.632 mW/g; SAR(10 g) = 0.413 mW/g
Maximum value of SAR (measured) = 0.688 mW/g



Orientation 5 - GSM850 - GPRS - ch128

250608_Faema_3Slots_SonyGross_GSM850_ch128_5mm_P5_IMEIxxx07596

DUT: Faema-P5; Type: USB Data Card; Serial: First Board

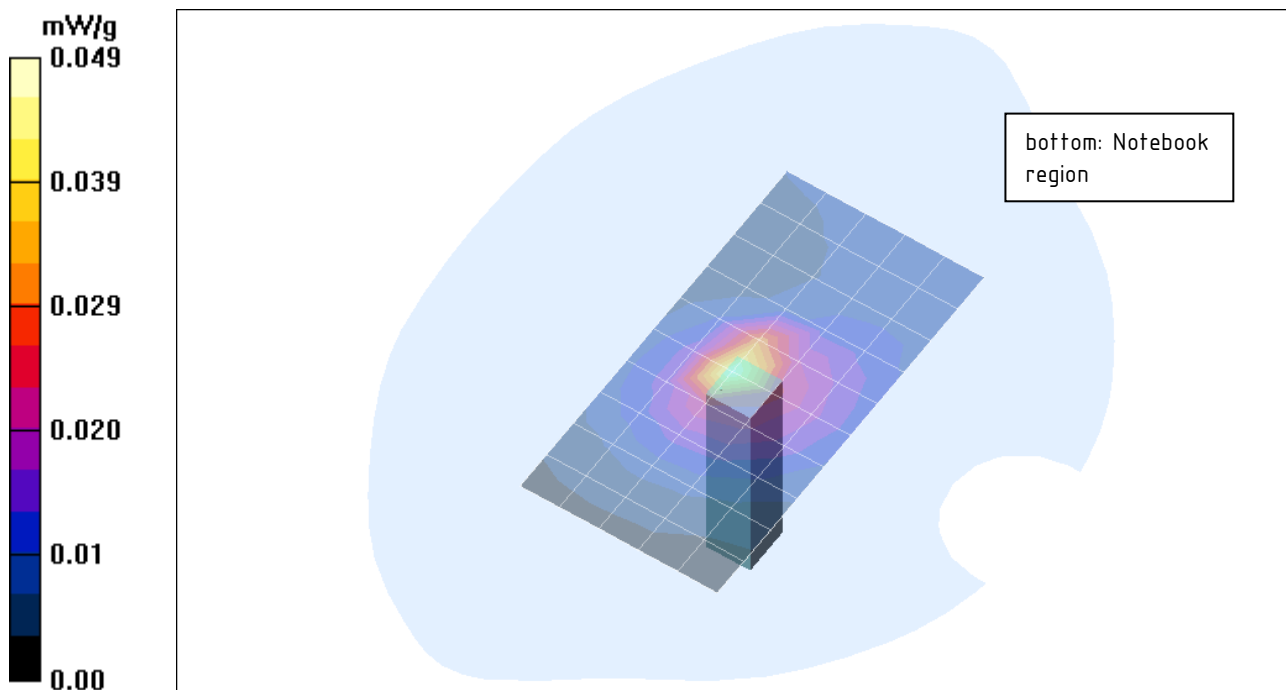
Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2.8
Medium parameters used: $\sigma = 0.98$ mho/m, $\epsilon_r = 53.91$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_5/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.047 mW/g

Faema Pos_5/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.98 V/m; Power Drift = -0.147 dB
Peak SAR (extrapolated) = 0.148 W/kg
SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.022 mW/g
Maximum value of SAR (measured) = 0.049 mW/g



Orientation 5 - GSM850 - GPRS - ch190

250608_Faema_3Slots_SonyGross_GSM850_ch190_5mm_P5_IMEIxxx07596

DUT: Faema-P5; Type: USB Data Card; Serial: First Board

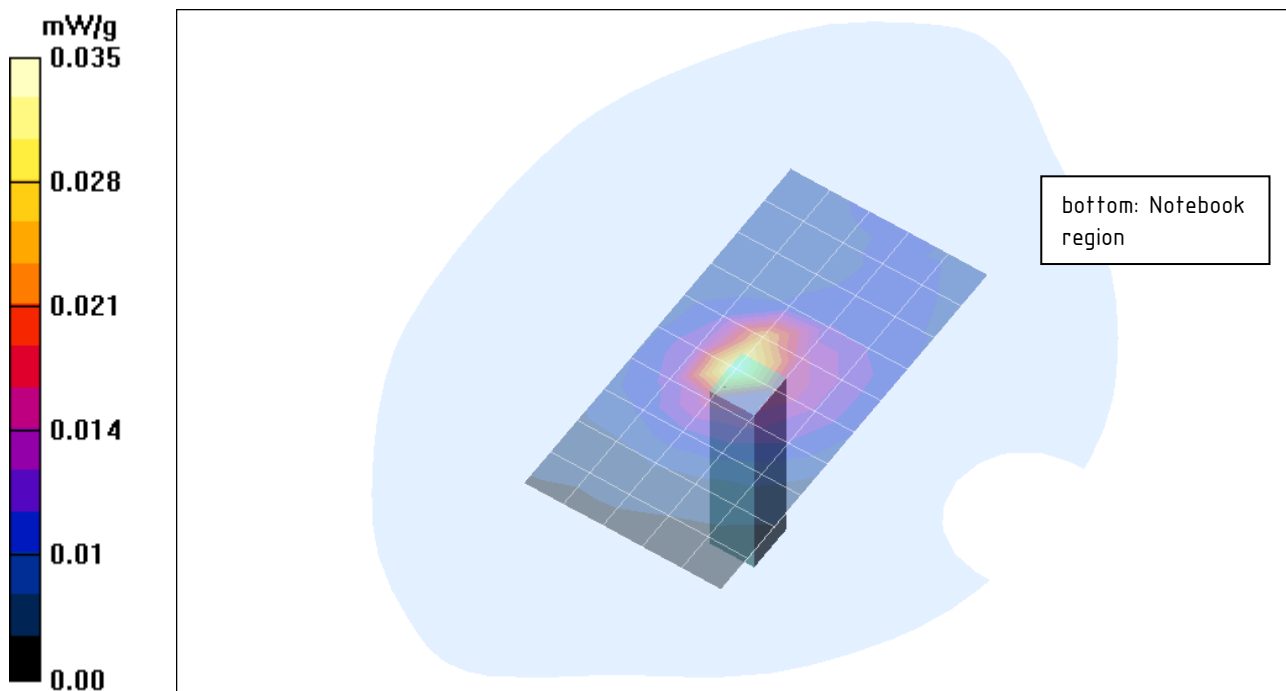
Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:2.8
Medium parameters used: $\sigma = 1$ mho/m, $\epsilon_r = 53.77$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_5/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.035 mW/g

Faema Pos_5/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.79 V/m; Power Drift = 0.014 dB
Peak SAR (extrapolated) = 0.114 W/kg
SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.016 mW/g



Orientation 5 - GSM850 - GPRS - ch251

250608_Faema_3Slots_SonyGross_GSM850_ch251_5mm_P5_IMEIxxx07596

DUT: Faema-P5; Type: USB Data Card; Serial: First Board

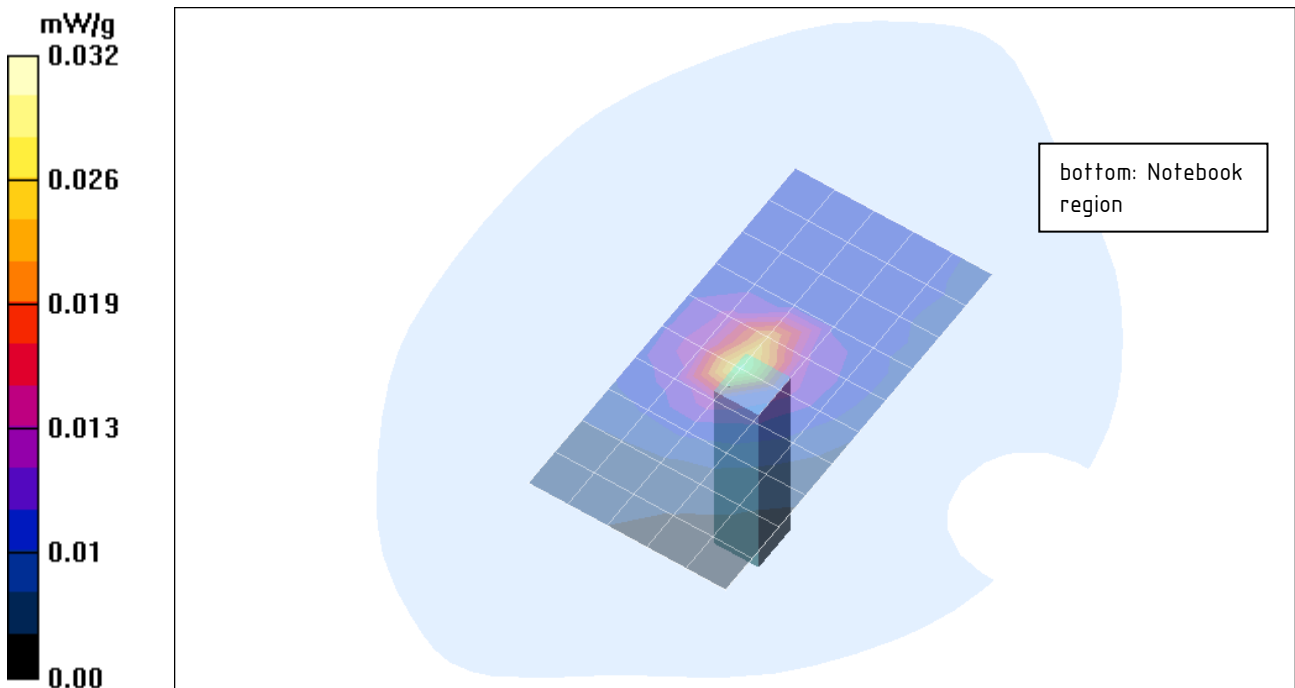
Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.8
Medium parameters used: $\sigma = 1.01$ mho/m, $\epsilon_r = 53.67$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_5/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.029 mW/g

Faema Pos_5/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.20 V/m; Power Drift = 0.099 dB
Peak SAR (extrapolated) = 0.100 W/kg
SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.014 mW/g
Maximum value of SAR (measured) = 0.032 mW/g



Orientation 5 - PCS1900 - GPRS - ch512

230608_Faema_3Slots_SonyGross_GSM1900_ch512_5mm_P5_IMEIxxx07596

DUT: Faema-P5; Type: USB Data Card; Serial: First Board

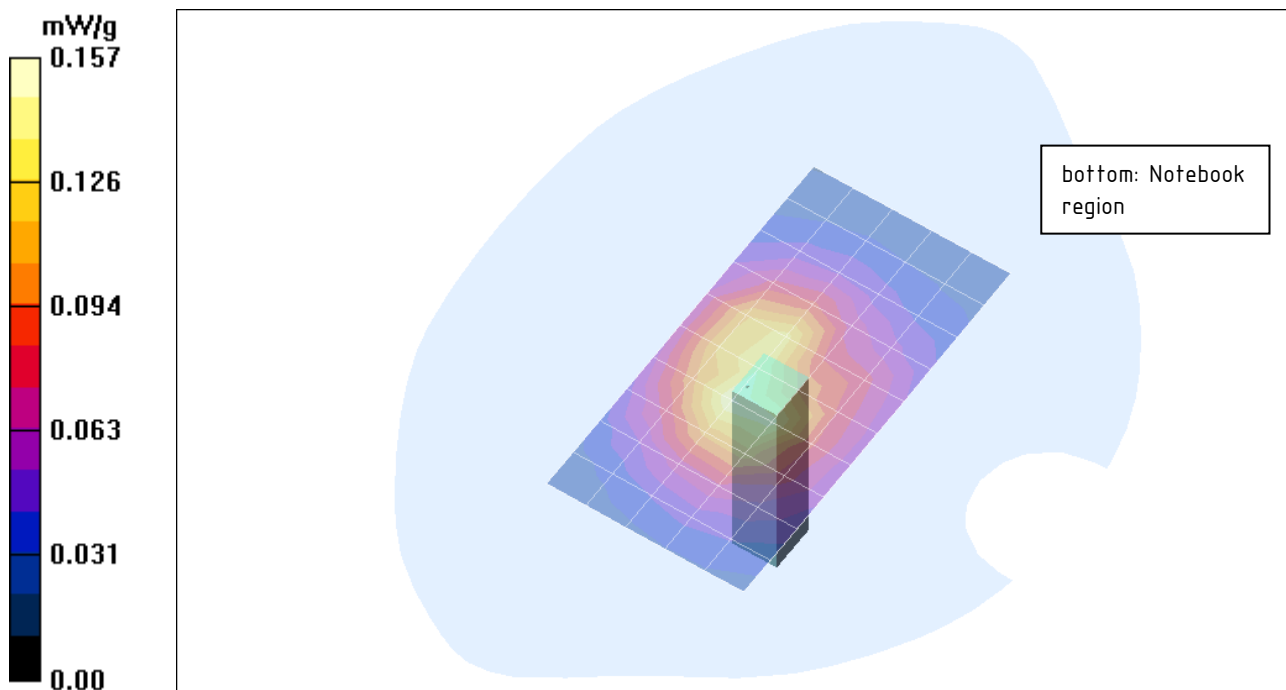
Communication System: GSM1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.8
Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_5/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.148 mW/g

Faema Pos_5/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.50 V/m; Power Drift = 0.031 dB
Peak SAR (extrapolated) = 0.262 W/kg
SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.090 mW/g
Maximum value of SAR (measured) = 0.157 mW/g



Orientation 5 - PCS1900 - GPRS- ch661

230608_Faema_3Slots_SonyGross_GSM1900_ch661_5mm_P5_IMEIxxx07596

DUT: Faema-P5; Type: USB Data Card; Serial: First Board

Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:2.8

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_5/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.148 mW/g

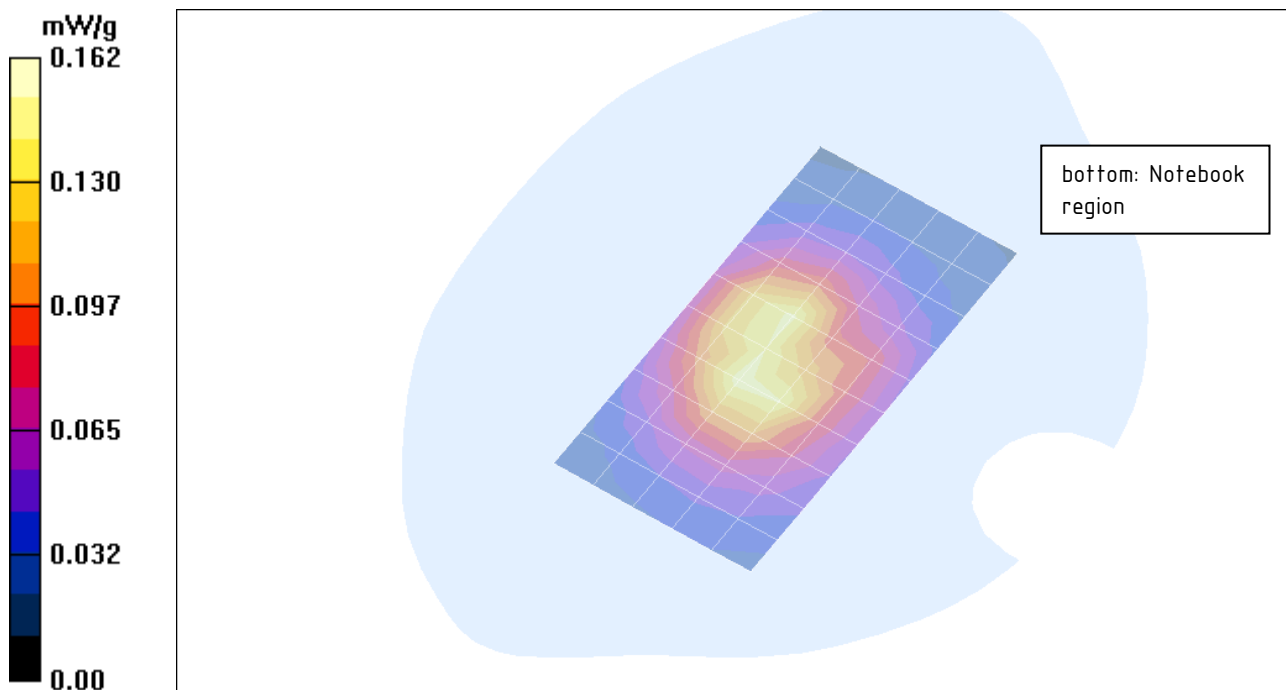
Faema Pos_5/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.79 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 0.281 W/kg

SAR(1 g) = 0.148 mW/g; SAR(10 g) = 0.090 mW/g

Maximum value of SAR (measured) = 0.162 mW/g



Orientation 5 - PCS1900 - GPRS - ch810

230608_Faema_3Slots_SonyGross_GSM1900_ch810_5mm_P5_IMEIxxx07596

DUT: Faema-P5; Type: USB Data Card; Serial: First Board

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.8

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_5/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.160 mW/g

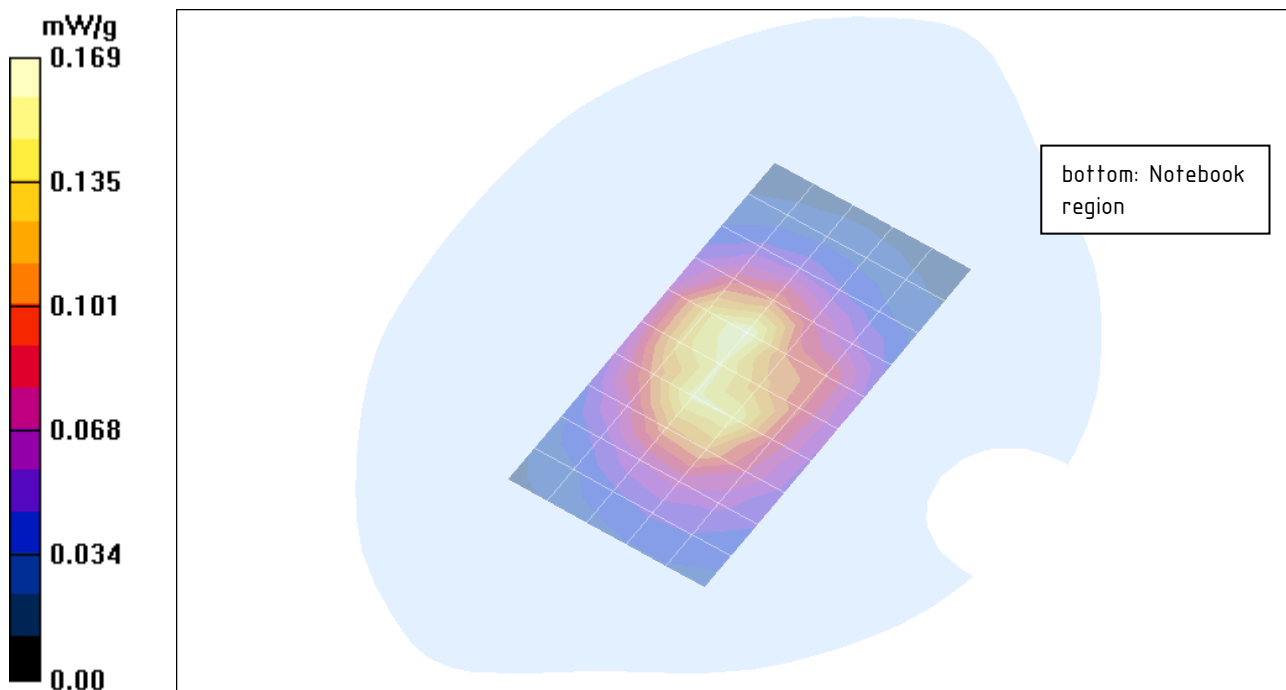
Faema Pos_5/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.95 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 0.296 W/kg

SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.094 mW/g

Maximum value of SAR (measured) = 0.169 mW/g



Orientation 5 - GSM850 - EDGE - ch128

250608_Faema_2Slots_SonyGross_GSM850_MCS5_ch128_5mm_P5_IMEIxxx07596

DUT: Faema-P5; Type: USB Data Card; Serial: First Board

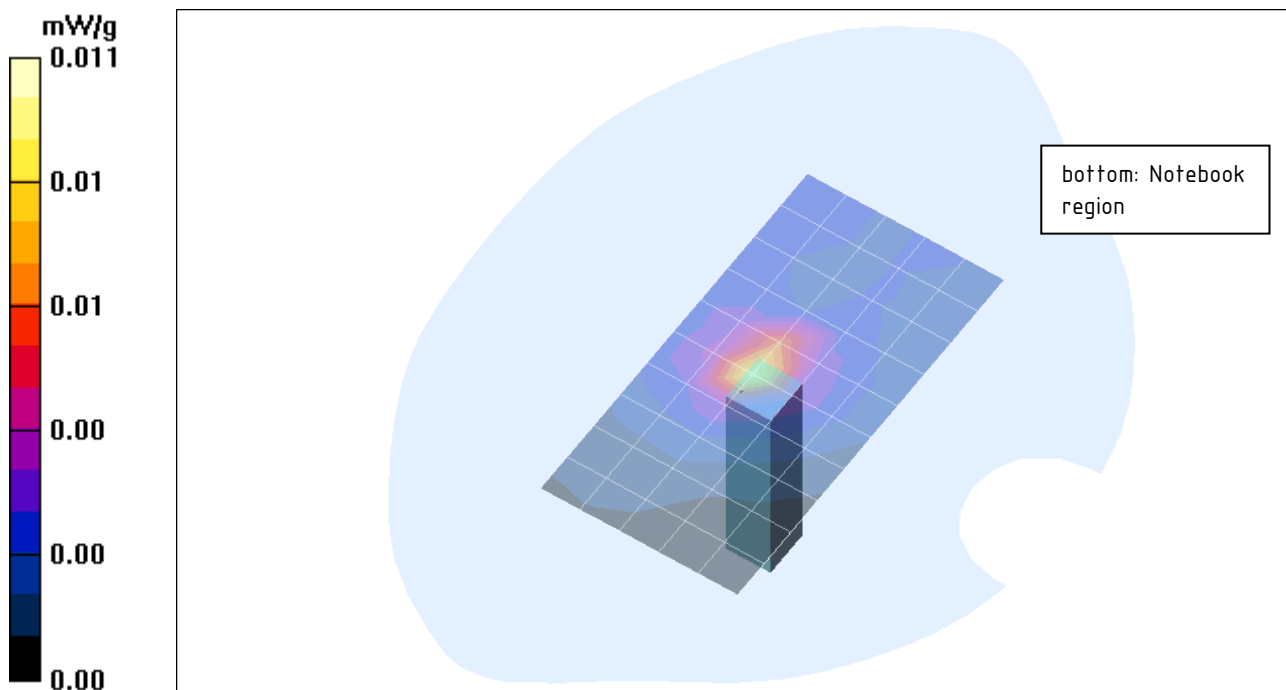
Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4.16
Medium parameters used: $\sigma = 0.98$ mho/m, $\epsilon_r = 53.91$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_5/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.01 mW/g

Faema Pos_5/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.95 V/m; Power Drift = 0.125 dB
Peak SAR (extrapolated) = 0.035 W/kg
SAR(1 g) = 0.010 mW/g; SAR(10 g) = 0.00435 mW/g
Maximum value of SAR (measured) = 0.011 mW/g



Orientation 5 - GSM850 - EDGE - ch190

250608_Faema_2Slots_SonyGross_GSM850_MCS5_ch190_5mm_P5_IMEIxxx07596

DUT: Faema-P5; Type: USB Data Card; Serial: First Board

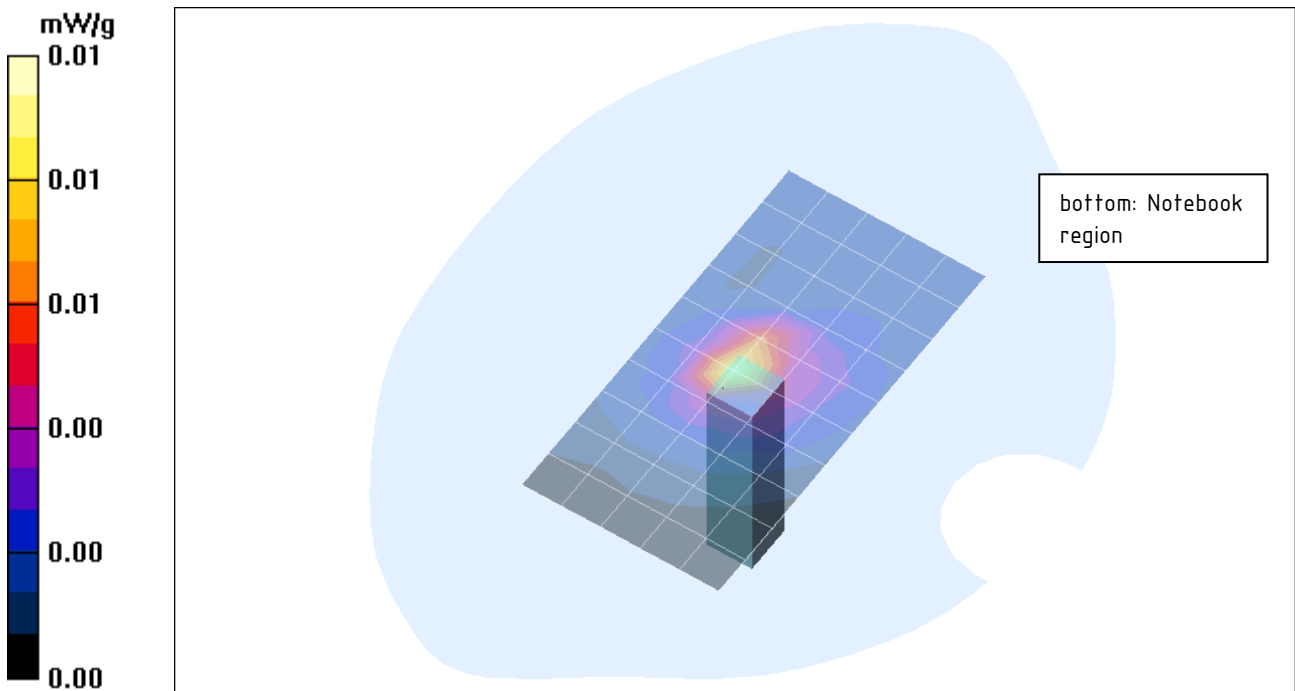
Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:4.16
Medium parameters used: $\sigma = 1$ mho/m, $\epsilon_r = 53.77$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Faema Pos_5/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.01 mW/g

Faema Pos_5/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.93 V/m; Power Drift = 0.109 dB
Peak SAR (extrapolated) = 0.030 W/kg
SAR(1 g) = 0.00923 mW/g; SAR(10 g) = 0.00417 mW/g



Orientation 5 - GSM850 - EDGE - ch251

250608_Faema_2Slots_SonyGross_GSM850_MCS5_ch251_5mm_P5_IMEIxxx07596

DUT: Faema-P5; Type: USB Data Card; Serial: First Board

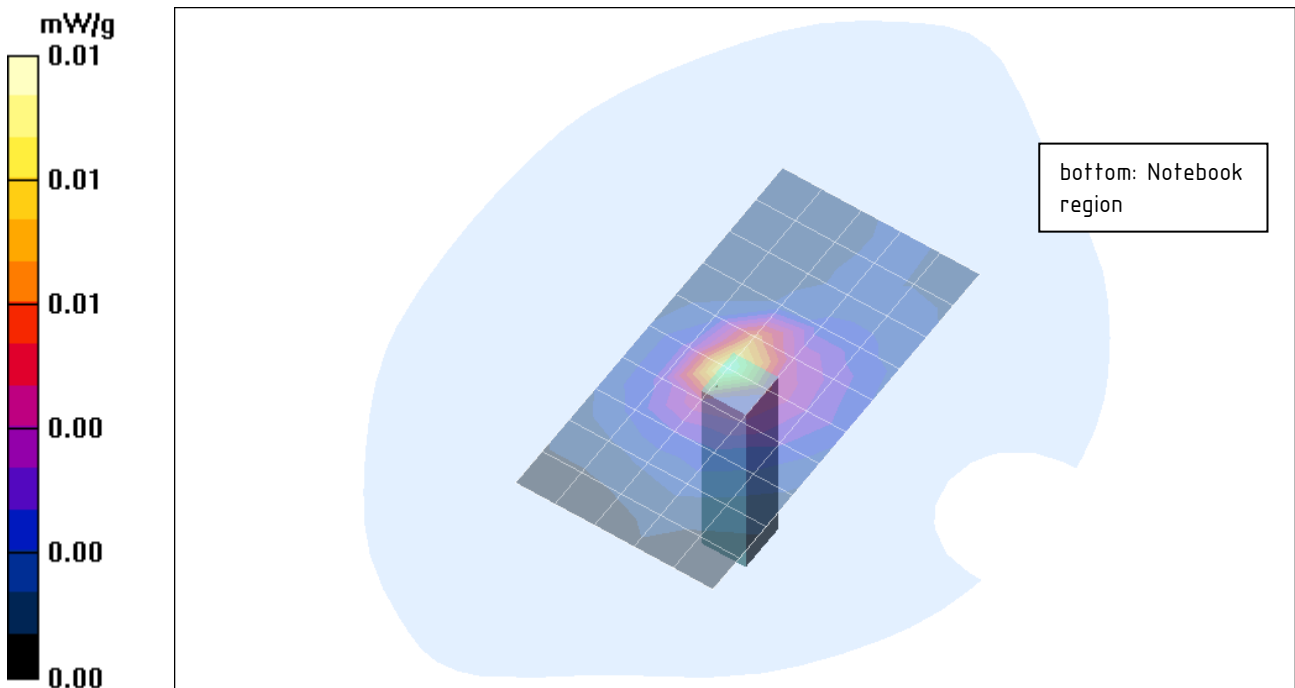
Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4.16
Medium parameters used: $\sigma = 1.01$ mho/m, $\epsilon_r = 53.67$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_5/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.01 mW/g

Faema Pos_5/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.05 V/m; Power Drift = 0.125 dB
Peak SAR (extrapolated) = 0.032 W/kg
SAR(1 g) = 0.00975 mW/g; SAR(10 g) = 0.00435 mW/g
Maximum value of SAR (measured) = 0.010 mW/g



Orientation 5 - PCS1900 - EDGE - ch512

230608_Faema_3Slots_SonyGross_GSM1900_MCS5_ch512_5mm_P5_IMEIxxx07596

DUT: Faema-P5; Type: USB Data Card; Serial: First Board

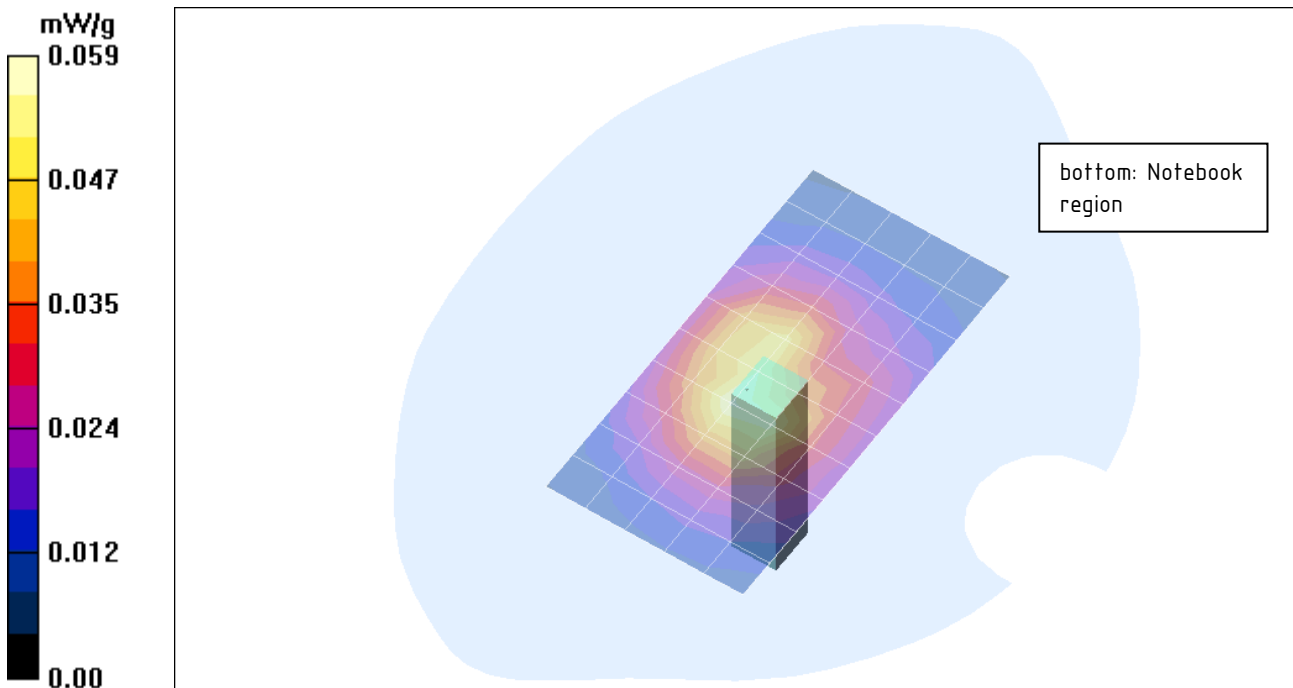
Communication System: GSM1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.8
Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_5/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.056 mW/g

Faema Pos_5/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.94 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.100 W/kg
SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.059 mW/g



Orientation 5 - PCS1900 - EDGE - ch661

230608_Faema_3Slots_SonyGross_GSM1900_MCS5_ch661_5mm_P5_IMEIxxx07596

DUT: Faema-P5; Type: USB Data Card; Serial: First Board

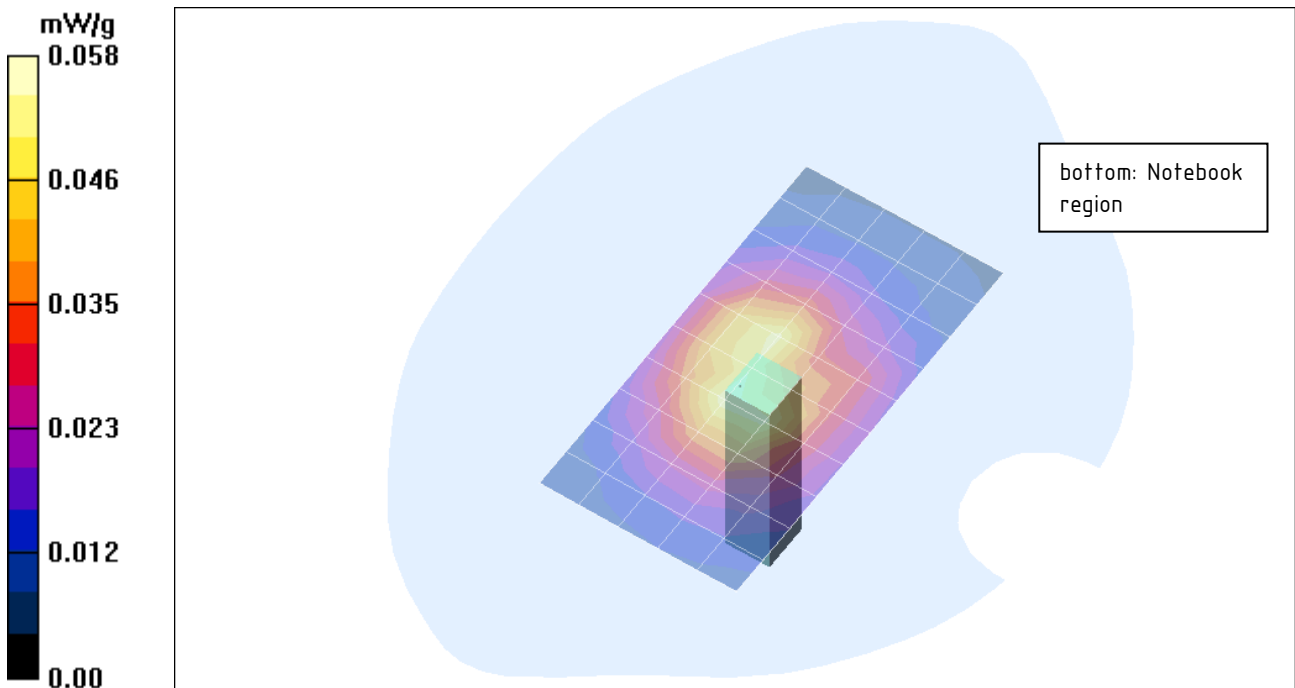
Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:2.8
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_5/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.053 mW/g

Faema Pos_5/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.82 V/m; Power Drift = 0.063 dB
Peak SAR (extrapolated) = 0.104 W/kg
SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.032 mW/g
Maximum value of SAR (measured) = 0.058 mW/g



Orientation 5 - PCS1900 - EDGE - ch810

230608_Faema_3Slots_SonyGross_GSM1900_MCS5_ch810_5mm_P5_IMEIxxx07596

DUT: Faema-P5; Type: USB Data Card; Serial: First Board

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.8
Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

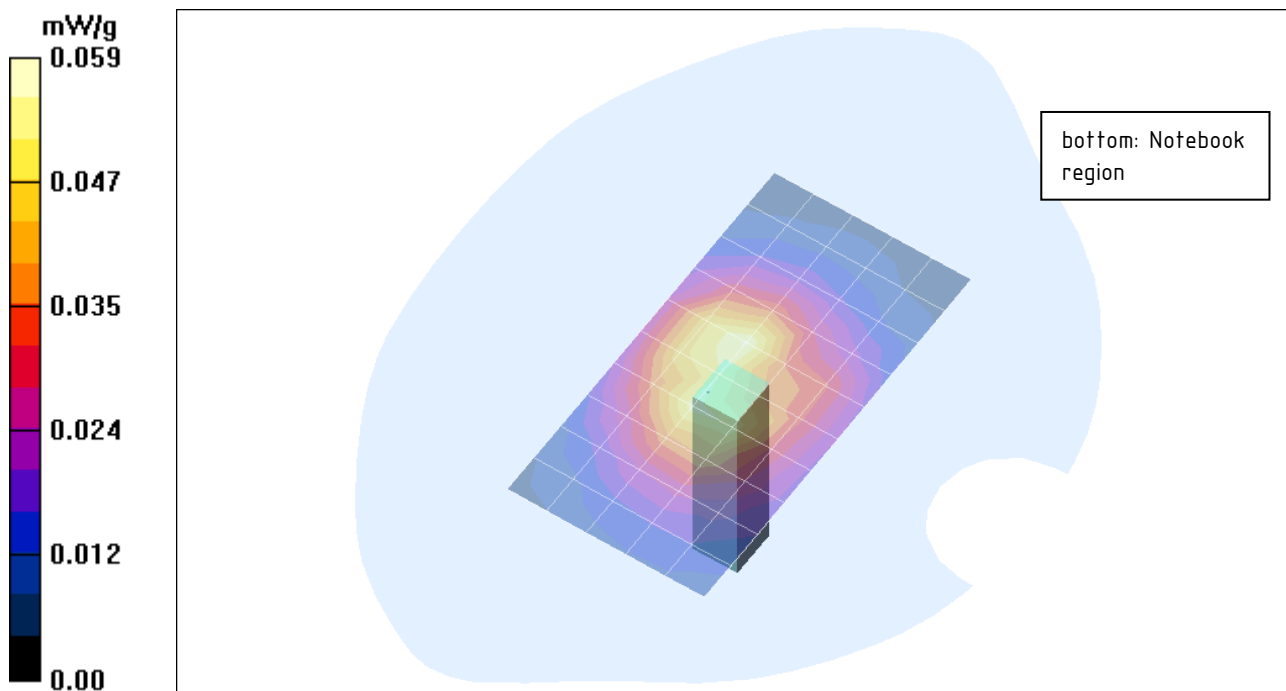
DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_5/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.056 mW/g

Faema Pos_5/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.89 V/m; Power Drift = 0.026 dB
Peak SAR (extrapolated) = 0.109 W/kg
SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.033 mW/g

Maximum value of SAR (measured) = 0.059 mW/g



Orientation 5 - WCDMA II- ch9262

240608_Faema_SonyGross_WCDMA_II_ch9262_5mm_P5_IMEIxxx07596

DUT: Faema; Type: USB Data Card; Serial: First Board

Communication System: FDD2; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos5/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

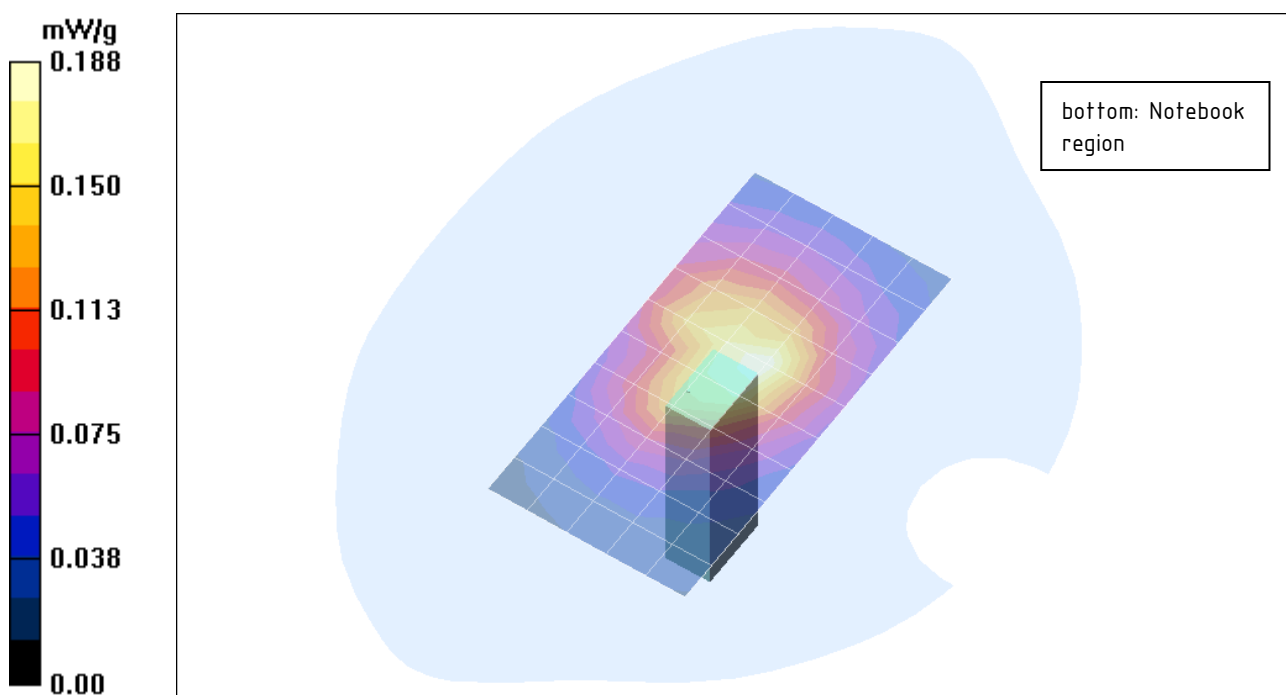
Maximum value of SAR (measured) = 0.188 mW/g

Faema Pos5/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.2 V/m; Power Drift = -0.163 dB

Peak SAR (extrapolated) = 0.339 W/kg

SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.105 mW/g



Orientation 5 - WCDMA II - ch9400

240608_Faema_SonyGross_WCDMA_II_ch9400_5mm_P5_IMEIxxx07596

DUT: Faema; Type: USB Data Card; Serial: First Board

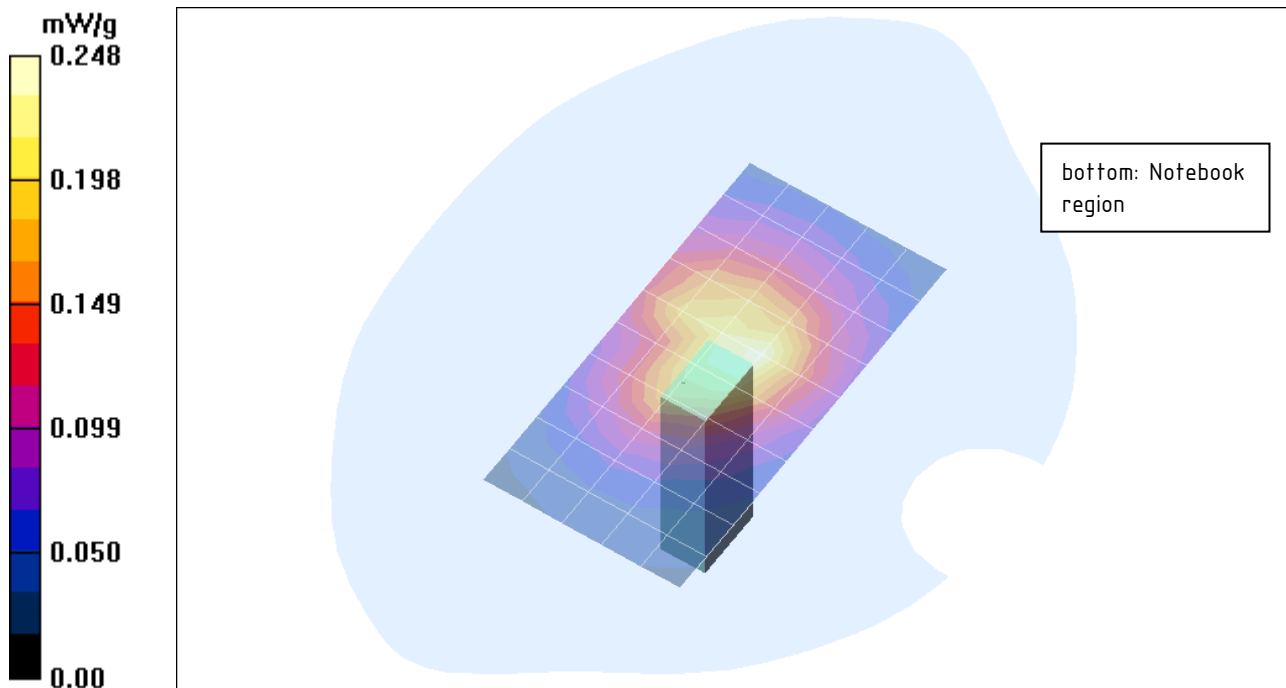
Communication System: FDD2; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos5/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.240 mW/g

Faema Pos5/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.5 V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 0.441 W/kg
SAR(1 g) = 0.229 mW/g; SAR(10 g) = 0.140 mW/g
Maximum value of SAR (measured) = 0.248 mW/g



Orientation 5 - WCDMA II - ch9538

240608_Faema_SonyGross_WCDMA_II_ch9538_5mm_P5_IMEIxxx07596

DUT: Faema; Type: USB Data Card; Serial: First Board

Communication System: FDD2; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos5/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.222 mW/g

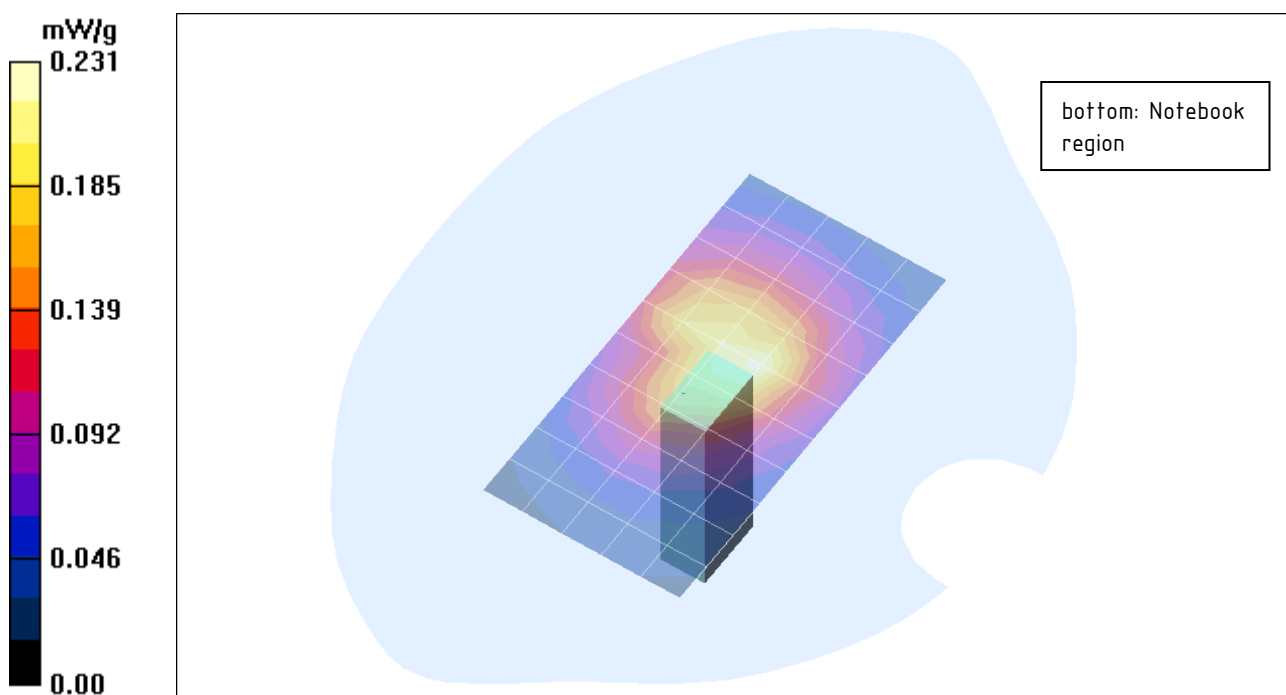
Faema Pos5/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.8 V/m; Power Drift = 0.082 dB

Peak SAR (extrapolated) = 0.430 W/kg

SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.131 mW/g

Maximum value of SAR (measured) = 0.231 mW/g



Orientation 5 - WCDMA V - ch4132

240608_Faema_SonyGross_WCDMA_V_ch4132_5mm_P5_IMEIxxx07596

DUT: Faema; Type: USB Data Card; Serial: First Board

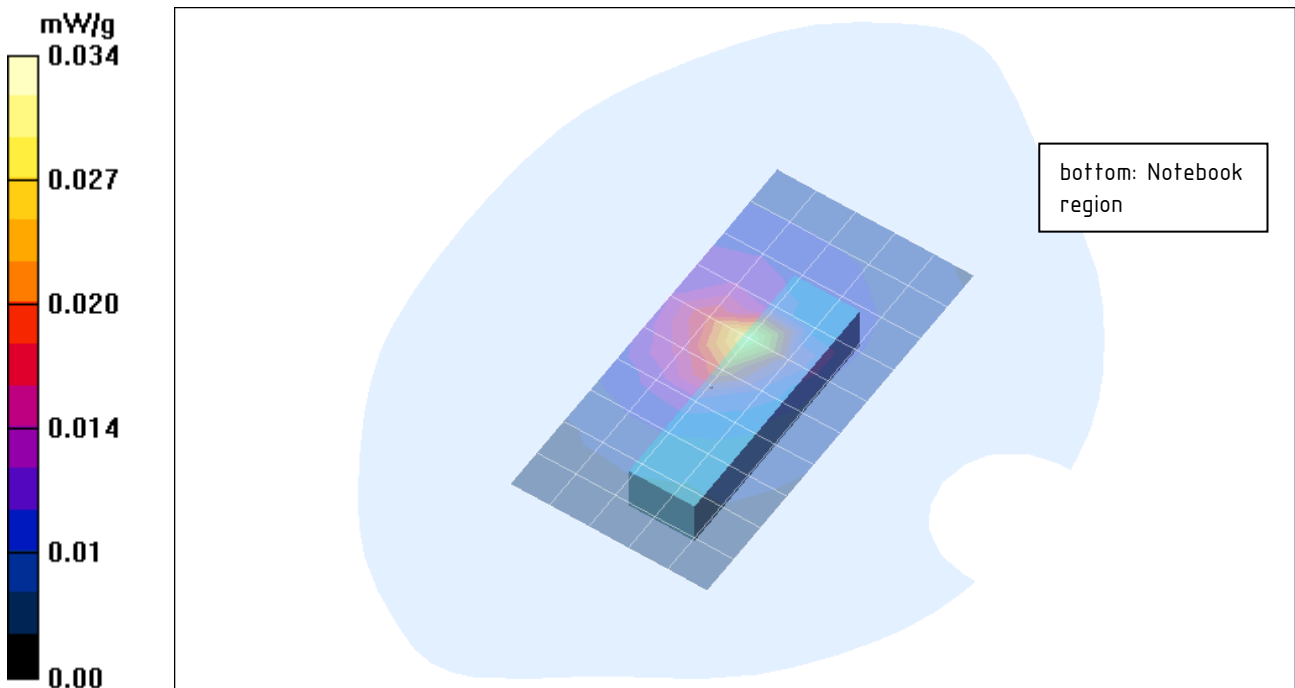
Communication System: FDD5; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium parameters used: $\sigma = 0.98$ mho/m, $\epsilon_r = 53.91$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_5/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.031 mW/g

Faema Pos_5/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.36 V/m; Power Drift = 0.058 dB
Peak SAR (extrapolated) = 0.116 W/kg
SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.015 mW/g
Maximum value of SAR (measured) = 0.034 mW/g



Orientation 5 - WCDMA V - ch4183

240608_Faema_SonyGross_WCDMA_V_ch4183_5mm_P5_IMEIxxx07596

DUT: Faema; Type: USB Data Card; Serial: First Board

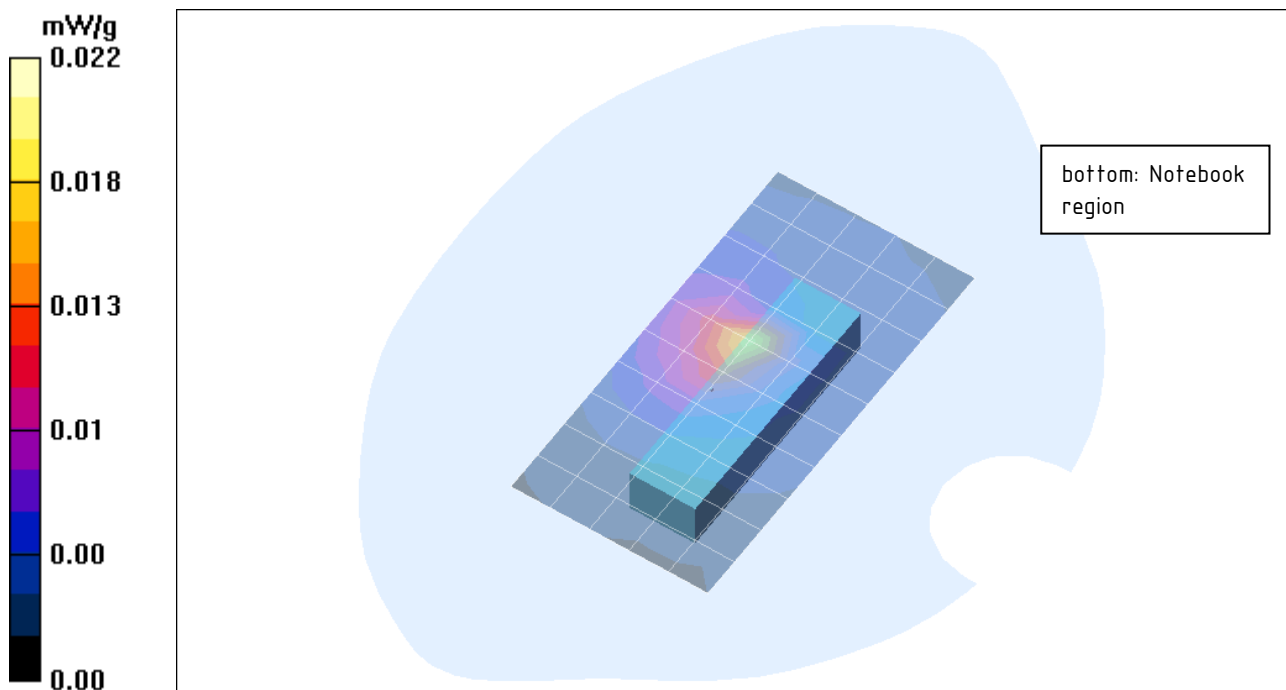
Communication System: FDD5; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $\sigma = 1$ mho/m, $\epsilon_r = 53.77$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_5/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.017 mW/g

Faema Pos_5/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.41 V/m; Power Drift = 0.119 dB
Peak SAR (extrapolated) = 0.068 W/kg
SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.0092 mW/g
Maximum value of SAR (measured) = 0.022 mW/g



Orientation 5 - WCDMA V - ch4233

240608_Faema_SonyGross_WCDMA_V_ch4233_5mm_P5_IMEIxxx07596

DUT: Faema; Type: USB Data Card; Serial: First Board

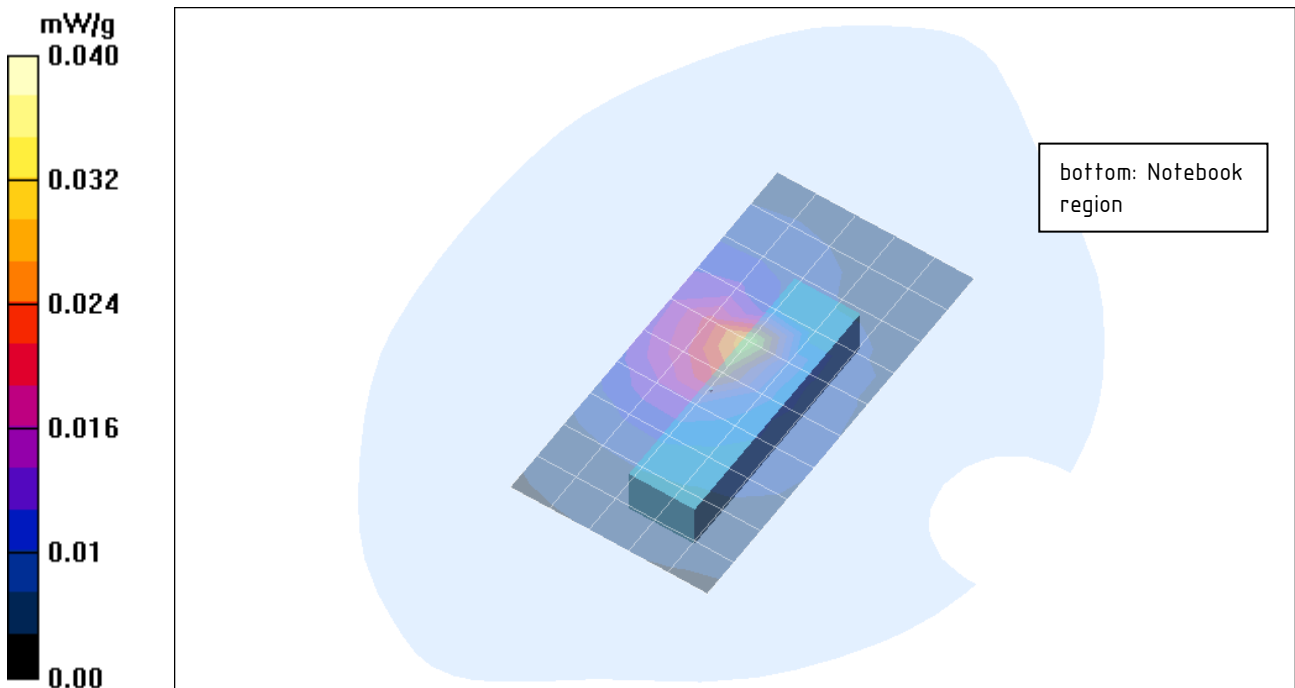
Communication System: FDD5; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium parameters used: $\sigma = 1.01$ mho/m, $\epsilon_r = 53.67$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema Pos_5/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.030 mW/g

Faema Pos_5/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.85 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.116 W/kg
SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.016 mW/g
Maximum value of SAR (measured) = 0.040 mW/g



Various Swivel Positions

Orientation 2 – GSM1900 – GMSK – ch512 – 0.5inch distance – antenna 90°

080721Faema1900ch512imei7596_P2_90Wied

DUT: Faema; Type: USB Data Card; Serial: First Board

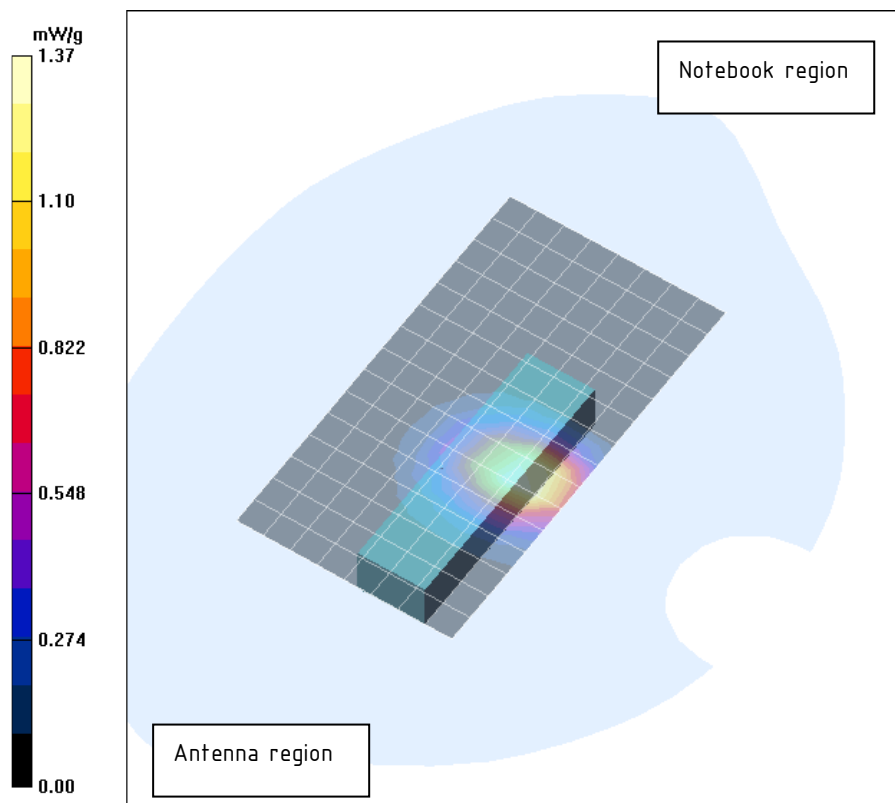
Communication System: GSM1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.8
Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 – SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

Faema P2_90G/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.37 mW/g

Faema P2_90G/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.7 V/m; Power Drift = -0.115 dB
Peak SAR (extrapolated) = 2.10 W/kg
SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.736 mW/g
Maximum value of SAR (measured) = 1.48 mW/g



Orientation 2 – GSM1900 – GMSK – ch512 – 0.5inch distance – antenna 270°

080722Faema1900ch512imei7984_P2_270

DUT: Faema; Type: USB Data Card; Serial: First Board

Communication System: GSM1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.8
Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 – SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 14.6

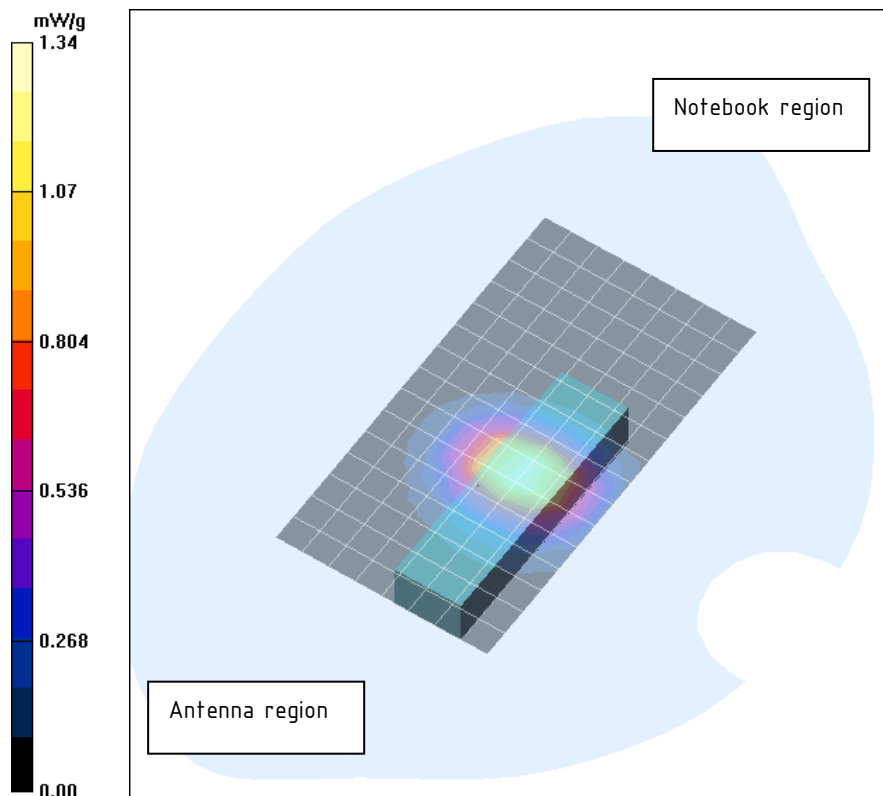
Faema P2_270G/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.34 mW/g

Faema P2_270G/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 33.0 V/m; Power Drift = -0.091 dB

Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.727 mW/g

Maximum value of SAR (measured) = 1.44 mW/g



Orientation 1 – WCDMA II – ch9262 – 5mm distance – antenna 180°

File Name: 201_yllhl_1_180.da4

DUT: Option ; Type: Not Specified; Serial: Not Specified

Program Name: Body

Communication System: WCDMA FDD Band II; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used (extrapolated): $f = 1852.4$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3536; ConvF(7.67, 7.67, 7.67); Calibrated: 18.09.2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn631; Calibrated: 17.09.2007
- Phantom: SAM Glycol 1340; Type: QD 000 P40 CB; Serial: TP-1340
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.788 mW/g

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

Reference Value = 20.5 V/m; Power Drift = 0.198 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.710 mW/g; SAR(10 g) = 0.410 mW/g

Maximum value of SAR (measured) = 0.785 mW/g

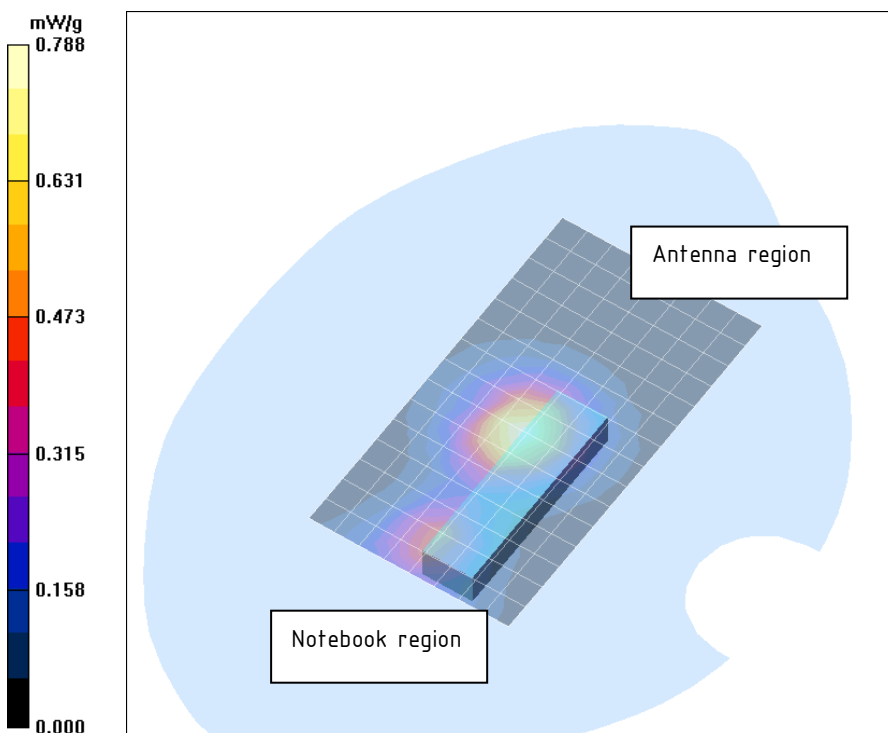
Body Worn/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.5 V/m; Power Drift = 0.198 dB

Peak SAR (extrapolated) = 0.774 W/kg

SAR(1 g) = 0.454 mW/g; SAR(10 g) = 0.247 mW/g

Maximum value of SAR (measured) = 0.513 mW/g



Orientation 1 – WCDMA II – ch9400 – 5mm distance – antenna 180°

File Name: 201_yllhm_1_180.da4

DUT: Option ;

Program Name: Body

Communication System: WCDMA FDD Band II; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used (extrapolated): $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 – SN3536; ConvF(7.67, 7.67, 7.67); Calibrated: 18.09.2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn631; Calibrated: 17.09.2007
- Phantom: SAM Glycol 1340; Type: QD 000 P40 CB; Serial: TP-1340
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.19 mW/g

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

Reference Value = 26.1 V/m; Power Drift = 0.184 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.648 mW/g

Maximum value of SAR (measured) = 1.24 mW/g

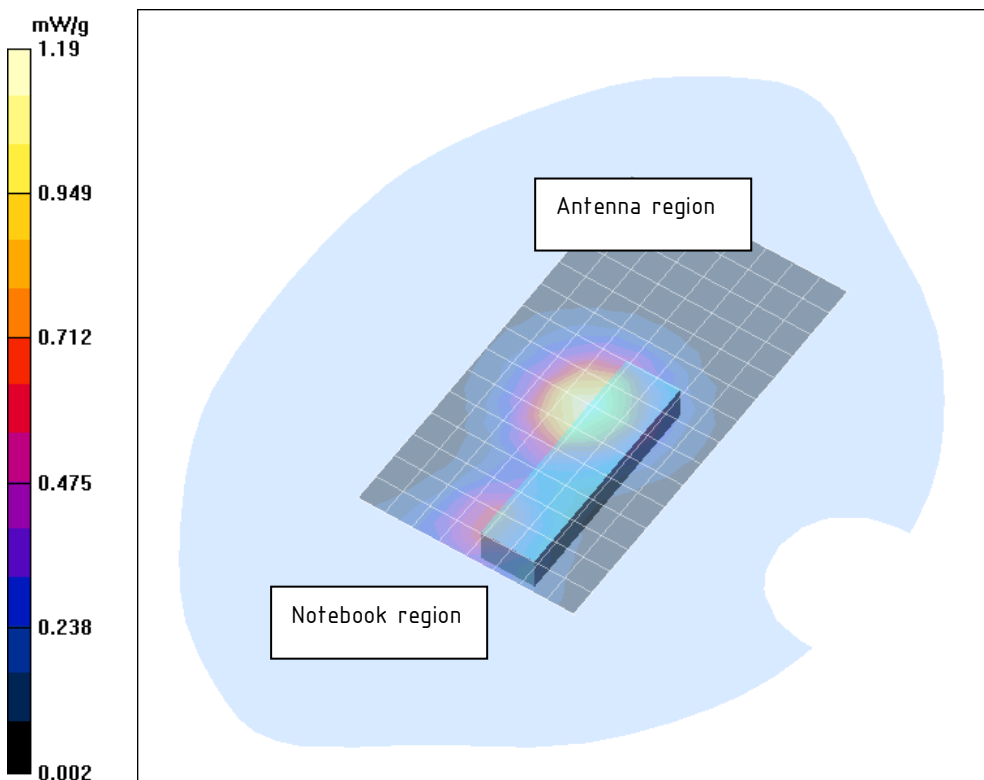
Body Worn/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.1 V/m; Power Drift = 0.184 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.653 mW/g; SAR(10 g) = 0.353 mW/g

Maximum value of SAR (measured) = 0.735 mW/g



Orientation 1 – WCDMA II – ch9538 – 5mm distance – antenna 180°

File Name: 201_yllhh_1_180.da4

DUT: Option ; Type: Not Specified; Serial: Not Specified

Program Name: Body

Communication System: WCDMA FDD Band II; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3536; ConvF(7.67, 7.67, 7.67); Calibrated: 18.09.2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn631; Calibrated: 17.09.2007
- Phantom: SAM Glycol 1340; Type: QD 000 P40 CB; Serial: TP-1340
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.01 mW/g

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

Reference Value = 23.7 V/m; Power Drift = 0.142 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.924 mW/g; SAR(10 g) = 0.528 mW/g

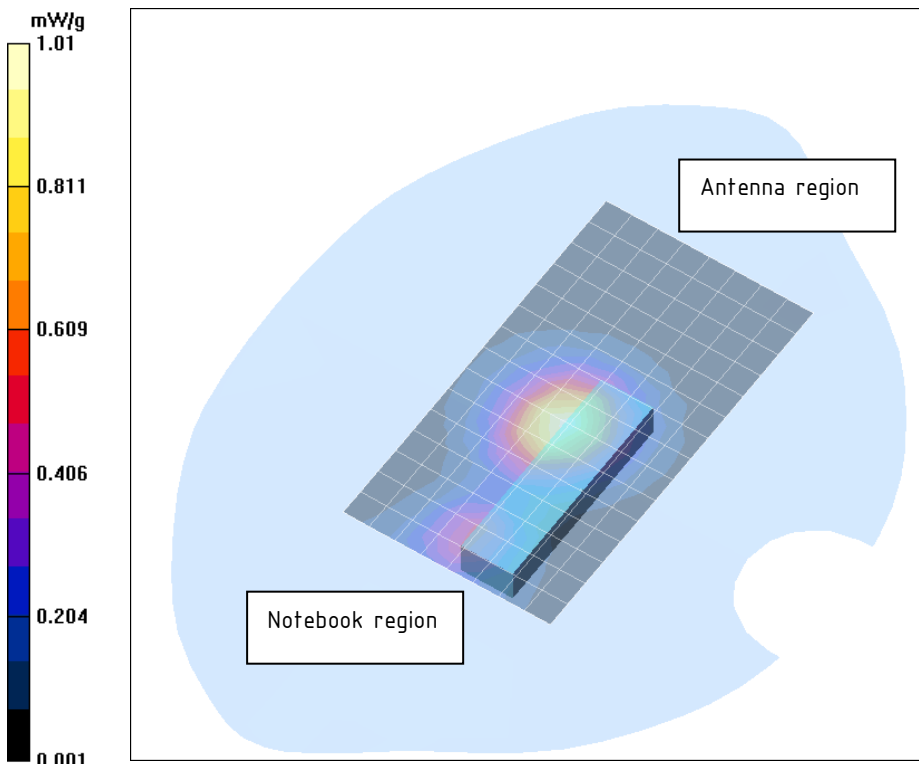
Body Worn/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.7 V/m; Power Drift = 0.142 dB

Peak SAR (extrapolated) = 0.844 W/kg

SAR(1 g) = 0.483 mW/g; SAR(10 g) = 0.256 mW/g

Maximum value of SAR (measured) = 0.541 mW/g



Orientation 1 – WCDMA II – ch9400 – 5mm distance – antenna 090°

File Name: 201_yllhm_1_90.da4

DUT: Option ;

Program Name: Body

Communication System: WCDMA FDD Band II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 – SN3536; ConvF(7.67, 7.67, 7.67); Calibrated: 18.09.2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn631; Calibrated: 17.09.2007
- Phantom: SAM Glycol 1340; Type: QD 000 P40 CB; Serial: TP-1340
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn/Area Scan (16x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.990 mW/g

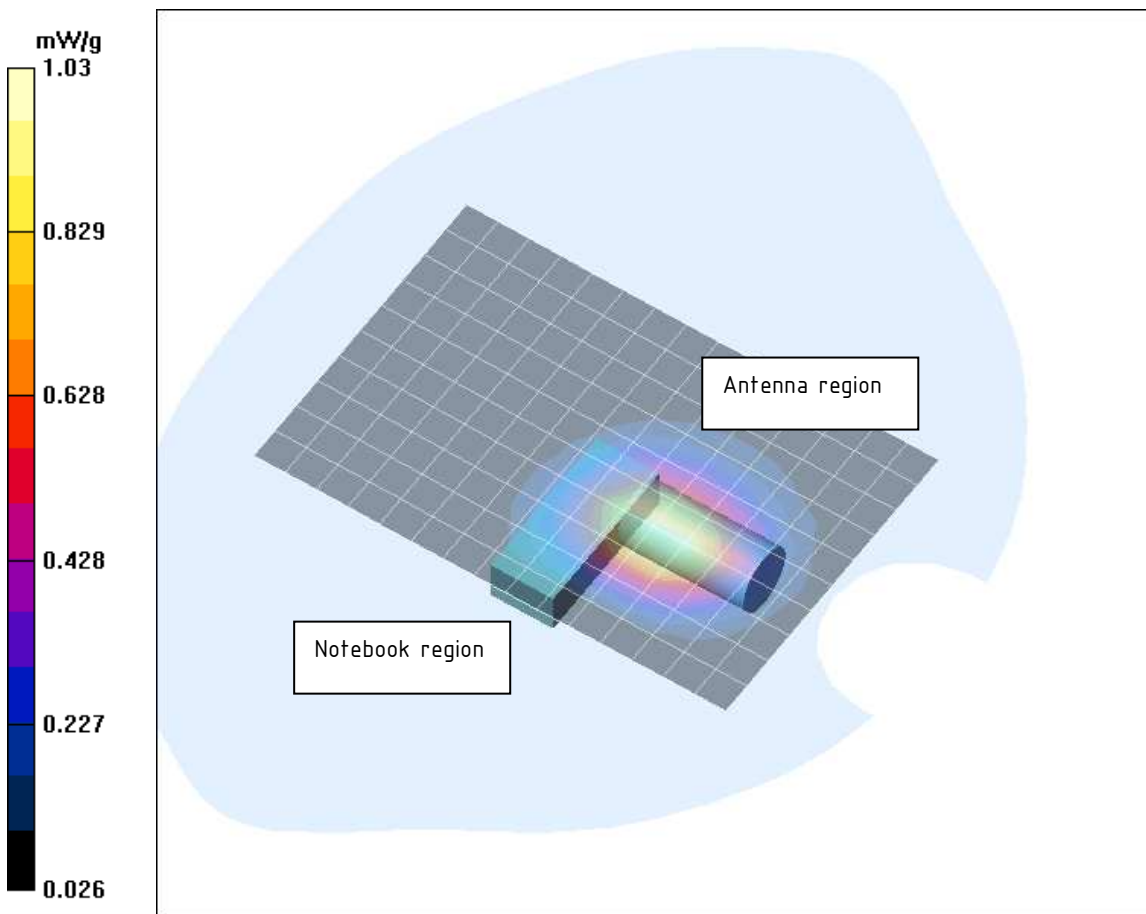
Body Worn/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.9 V/m; Power Drift = -0.144 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.947 mW/g; SAR(10 g) = 0.561 mW/g

Maximum value of SAR (measured) = 1.03 mW/g



Orientation 1 – WCDMA II – ch9400 – 5mm distance – antenna 270°

File Name: 201_yllhm_1_270.da4

DUT: Option ;
Program Name: Body

Communication System: WCDMA FDD Band II; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used (extrapolated): $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3536; ConvF(7.67, 7.67, 7.67); Calibrated: 18.09.2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn631; Calibrated: 17.09.2007
- Phantom: SAM Glycol 1340; Type: QD 000 P40 CB; Serial: TP-1340
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn/Area Scan (16x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.970 mW/g

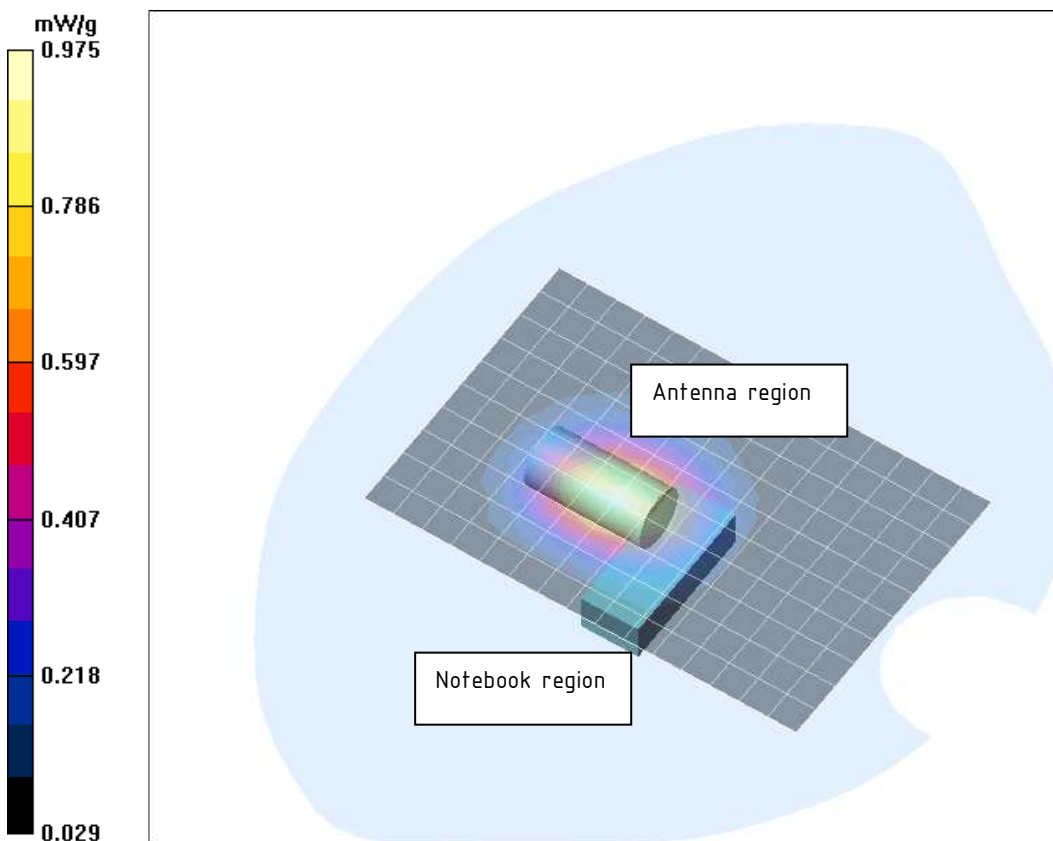
Body Worn/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.6 V/m; Power Drift = -0.119 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.893 mW/g; SAR(10 g) = 0.528 mW/g

Maximum value of SAR (measured) = 0.975 mW/g



Orientation 3 – WCDMA II – ch9400 – 5mm distance – antenna 090°
direct in USB-slot

File Name: **201_yllhm_3_90.da4**
DUT: Option ; Type: **Not Specified**; Serial: **Not Specified**
Program Name: Body

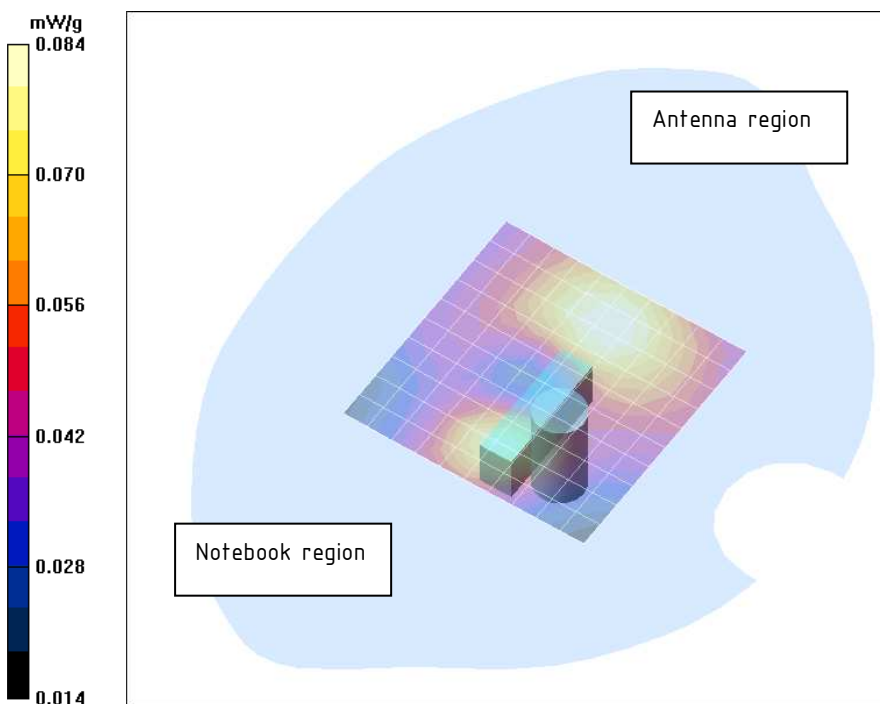
Communication System: WCDMA FDD Band II; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used (extrapolated): $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- DASY4 Configuration:
- Probe: EX3DV4 - SN3536; ConvF(7.67, 7.67, 7.67); Calibrated: 18.09.2007
 - Sensor-Surface: 4mm (Mechanical Surface Detection)
 - Electronics: DAE4 Sn631; Calibrated: 17.09.2007
 - Phantom: SAM Glycol 1340; Type: QD 000 P40 CB; Serial: TP-1340
 - Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn/Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.084 mW/g

Body Worn/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.20 V/m; Power Drift = -0.050 dB
Peak SAR (extrapolated) = 0.125 W/kg
SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.052 mW/g
Maximum value of SAR (measured) = 0.086 mW/g

Body Worn/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.20 V/m; Power Drift = -0.050 dB
Peak SAR (extrapolated) = 0.124 W/kg
SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.046 mW/g
Maximum value of SAR (measured) = 0.082 mW/g



Orientation 4 – WCDMA II – ch9400 – 5mm distance – antenna 270°
measured with 10cm cable

File Name: **201_yllhm_4_270.da4**
DUT: Option ;
Program Name: Body

Communication System: WCDMA FDD Band II; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used (extrapolated): $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3536; ConvF(7.67, 7.67, 7.67); Calibrated: 18.09.2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn631; Calibrated: 17.09.2007
- Phantom: SAM Glycol 1340; Type: QD 000 P40 CB; Serial: TP-1340
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body Worn/Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.099 mW/g

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

Reference Value = 6.82 V/m; Power Drift = -0.102 dB

Peak SAR (extrapolated) = 0.149 W/kg

SAR(1 g) = 0.094 mW/g; SAR(10 g) = 0.058 mW/g

Maximum value of SAR (measured) = 0.102 mW/g

