Communication System: GSM bands; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used: f = 836.6 MHz;  $\sigma = 0.9 \text{ mho/m}$ ;  $\varepsilon_r = 42.05$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Report No: RDG161219001-20

Phantom section: Flat Section

#### DASY4 Configuration:

- Probe: EX3DV4 SN7382; ConvF(10.50, 10.50, 10.50); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

# **Head cheek/GSM 850 Mid/Area Scan (81x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.086 mW/g

# Head cheek/GSM 850 Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

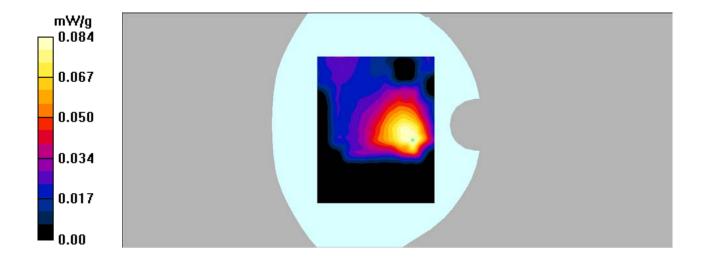
dy=5mm, dz=5mm

Reference Value = 7.02 V/m; Power Drift = -0.122 dB

Peak SAR (extrapolated) = 0.111 W/kg

SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.051 mW/g

Maximum value of SAR (measured) = 0.084 mW/g



SAR Plots Plot No.: 1#

Communication System: GSM bands; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used: f = 836.6 MHz;  $\sigma = 0.97 \text{ mho/m}$ ;  $\varepsilon_r = 55.47$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Report No: RDG161219001-20

Phantom section: Flat Section

#### DASY4 Configuration:

- Probe: EX3DV4 SN7382; ConvF(10.54, 10.54, 10.54); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

# **Body worn/GSM 850 Mid/Area Scan (121x131x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.341 mW/g

# Body worn/GSM 850 Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

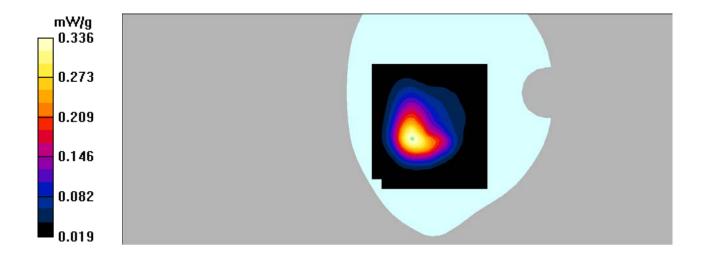
dy=5mm, dz=5mm

Reference Value = 6.95 V/m; Power Drift = -0.114 dB

Peak SAR (extrapolated) = 0.477 W/kg

SAR(1 g) = 0.307 mW/g; SAR(10 g) = 0.193 mW/g

Maximum value of SAR (measured) = 0.336 mW/g



SAR Plots Plot No.: 2#

Communication System: GPRS bands-4slots; Frequency: 836.6 MHz; Duty Cycle: 1:2 Medium parameters used: f = 836.6 MHz;  $\sigma = 0.97$  mho/m;  $\epsilon_r = 55.47$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Report No: RDG161219001-20

Phantom section: Flat Section

#### DASY4 Configuration:

- Probe: EX3DV4 SN7382; ConvF(10.54, 10.54, 10.54); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

# **Body Back/GPRS 850 Mid/Area Scan (121x131x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.568 mW/g

# Body Back/GPRS 850 Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

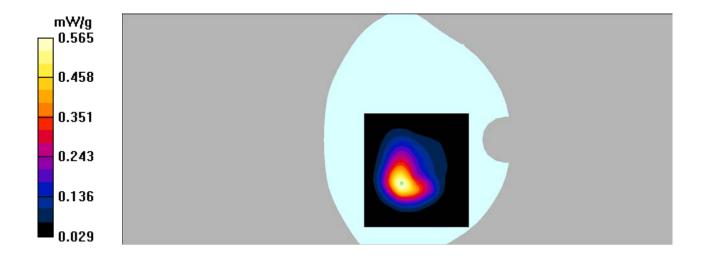
dy=5mm, dz=5mm

Reference Value = 10.00 V/m; Power Drift = -0.191 dB

Peak SAR (extrapolated) = 0.794 W/kg

## SAR(1 g) = 0.516 mW/g; SAR(10 g) = 0.320 mW/g

Maximum value of SAR (measured) = 0.565 mW/g



SAR Plots Plot No.: 3#

Communication System: GPRS bands-4slots; Frequency: 836.6 MHz; Duty Cycle: 1:2 Medium parameters used: f = 836.6 MHz;  $\sigma = 0.97$  mho/m;  $\epsilon_r = 55.47$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Report No: RDG161219001-20

Phantom section: Flat Section

## DASY4 Configuration:

- Probe: EX3DV4 SN7382; ConvF(10.54, 10.54, 10.54); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

# **Body Right/GPRS 850 Mid/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.146 mW/g

# Body Right/GPRS 850 Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

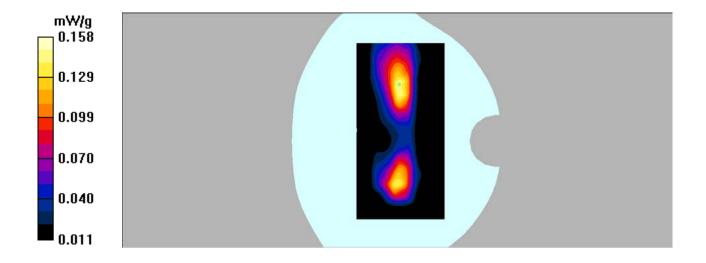
dy=5mm, dz=5mm

Reference Value = 5.07 V/m; Power Drift = -0.052 dB

Peak SAR (extrapolated) = 0.255 W/kg

SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.079 mW/g

Maximum value of SAR (measured) = 0.158 mW/g



SAR Plots Plot No.: 4#

Communication System: GPRS bands-4slots; Frequency: 824.2 MHz; Duty Cycle: 1:2 Medium parameters used: f = 824.2 MHz;  $\sigma = 0.99$  mho/m;  $\varepsilon_r = 54.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Report No: RDG161219001-20

Phantom section: Flat Section

## DASY4 Configuration:

- Probe: EX3DV4 SN7382; ConvF(10.54, 10.54, 10.54); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

# **Body Bottom/GPRS 850 Low/Area Scan (81x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.15 mW/g

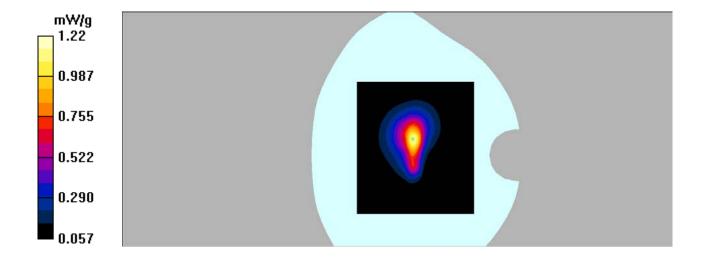
# **Body Bottom/GPRS 850 Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dv=5mm, dz=5mm

Reference Value = 27.9 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.13 W/kg

## SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.523 mW/g

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



SAR Plots Plot No.: 5#

Communication System: GPRS bands-4slots; Frequency: 836.6 MHz; Duty Cycle: 1:2 Medium parameters used: f = 836.6 MHz;  $\sigma = 0.97$  mho/m;  $\epsilon_r = 55.47$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Report No: RDG161219001-20

Phantom section: Flat Section

## DASY4 Configuration:

- Probe: EX3DV4 SN7382; ConvF(10.54, 10.54, 10.54); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

# **Body Bottom/GPRS 850 Mid/Area Scan (81x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.906 mW/g

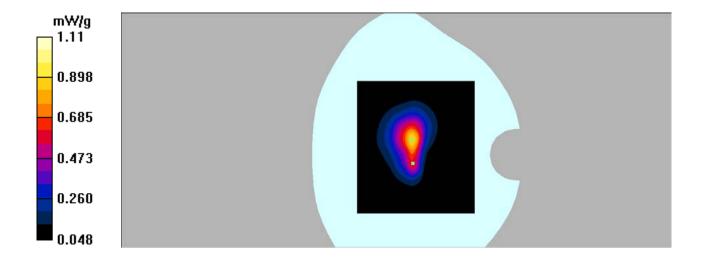
# **Body Bottom/GPRS 850 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dv=5mm, dz=5mm

Reference Value = 24.9 V/m; Power Drift = 0.116 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 0.935 mW/g; SAR(10 g) = 0.485 mW/g

Maximum value of SAR (measured) = 1.11 mW/g



SAR Plots Plot No.: 6#

Communication System: GPRS bands-4slots; Frequency: 848.8 MHz; Duty Cycle: 1:2 Medium parameters used: f = 848.8 MHz;  $\sigma = 1.01$  mho/m;  $\varepsilon_r = 54.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Report No: RDG161219001-20

Phantom section: Flat Section

#### DASY4 Configuration:

- Probe: EX3DV4 SN7382; ConvF(10.54, 10.54, 10.54); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

# **Body Bottom/GPRS 850 High/Area Scan (81x91x1):** Measurement grid: dx=15mm, dy=15mm

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

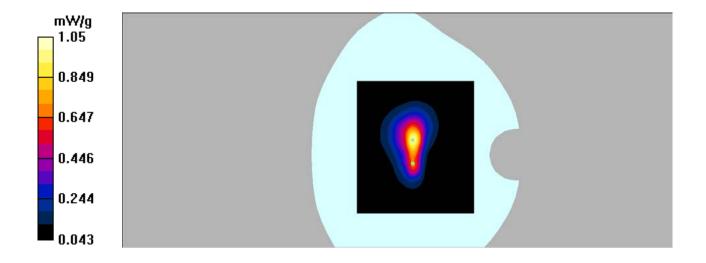
# **Body Bottom/GPRS 850 High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dv=5mm, dz=5mm

Reference Value = 26.7 V/m; Power Drift = 0.140 dB

Peak SAR (extrapolated) = 1.94 W/kg

SAR(1 g) = 0.881 mW/g; SAR(10 g) = 0.446 mW/g

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



SAR Plots Plot No.: 7#

Communication System: GSM bands; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium parameters used: f = 1850.2 MHz;  $\sigma = 1.42 \text{ mho/m}$ ;  $\varepsilon_r = 40.2$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Report No: RDG161219001-20

Phantom section: Flat Section

#### DASY4 Configuration:

- Probe: EX3DV4 SN7382; ConvF(8.71, 8.71, 8.71); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

# **Head cheek/GSM 1900 Low/Area Scan (81x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.094 mW/g

# **Head cheek/GSM 1900 Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm,

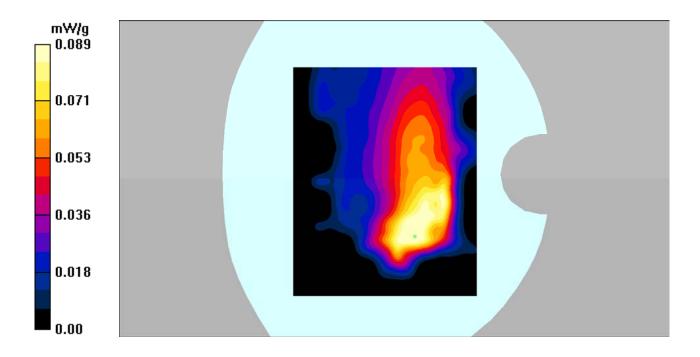
dy=5mm, dz=5mm

Reference Value = 5.35 V/m; Power Drift = -0.141 dB

Peak SAR (extrapolated) = 0.130 W/kg

SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.045 mW/g

Maximum value of SAR (measured) = 0.089 mW/g



SAR Plots Plot No.: 8#

Communication System: GSM bands; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium parameters used: f = 1850.2 MHz;  $\sigma = 1.52 \text{ mho/m}$ ;  $\varepsilon_r = 53.68$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Report No: RDG161219001-20

Phantom section: Flat Section

## DASY4 Configuration:

- Probe: EX3DV4 SN7382; ConvF(8.31, 8.31, 8.31); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

# **Body Worn/GSM 1900 Low/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.387 mW/g

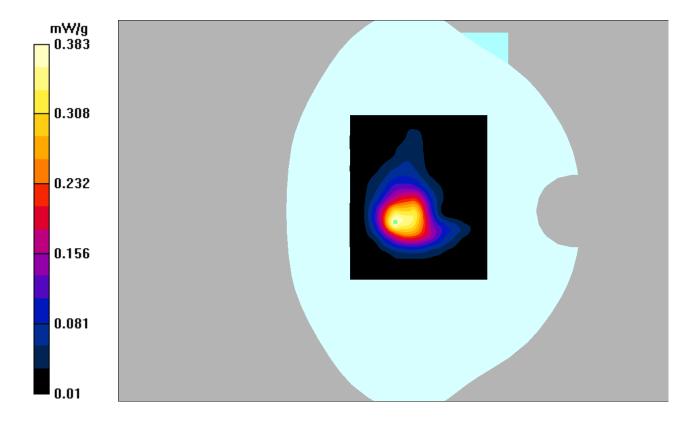
# **Body Worn/GSM 1900 Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.39 V/m; Power Drift = 0.157 dB

Peak SAR (extrapolated) = 0.694 W/kg

SAR(1 g) = 0.337 mW/g; SAR(10 g) = 0.173 mW/g

Maximum value of SAR (measured) = 0.383 mW/g



SAR Plots Plot No.: 9#

Communication System: GPRS bands-4slots; Frequency: 1850.2 MHz; Duty Cycle: 1:2 Medium parameters used: f = 1850.2 MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 53.68$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Report No: RDG161219001-20

Phantom section: Flat Section

## DASY4 Configuration:

- Probe: EX3DV4 SN7382; ConvF(8.31, 8.31, 8.31); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

# **Body Back/GPRS 1900 Low/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.438 mW/g

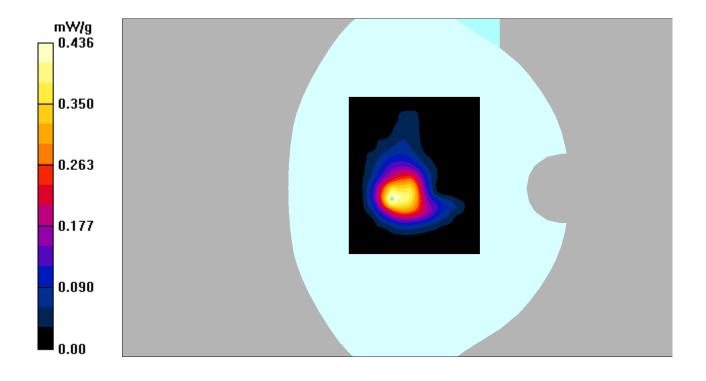
# **Body Back/GPRS 1900 Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.24 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 0.860 W/kg

SAR(1 g) = 0.386 mW/g; SAR(10 g) = 0.195 mW/g

Maximum value of SAR (measured) = 0.436 mW/g



SAR Plots Plot No.: 10#

Communication System: GPRS bands-4slots; Frequency: 1850.2 MHz; Duty Cycle: 1:2 Medium parameters used: f = 1850.2 MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 53.68$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Report No: RDG161219001-20

Phantom section: Flat Section

## DASY4 Configuration:

- Probe: EX3DV4 SN7382; ConvF(8.31, 8.31, 8.31); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

# **Body Right/GPRS 1900 Low/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.076 mW/g

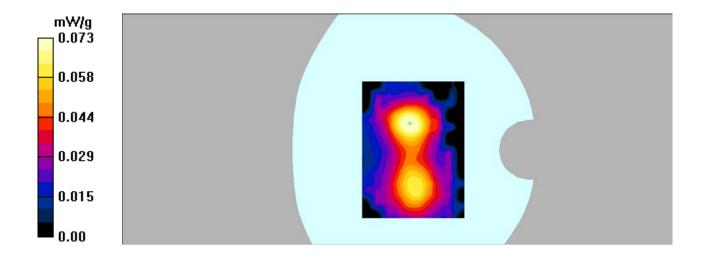
# **Body Right/GPRS 1900 Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dv=5mm, dz=5mm

Reference Value = 5.45 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.104 W/kg

SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.032 mW/g

Maximum value of SAR (measured) = 0.073 mW/g



SAR Plots Plot No.: 11#

Communication System: GPRS bands-4slots; Frequency: 1850.2 MHz; Duty Cycle: 1:2 Medium parameters used: f = 1850.2 MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 53.68$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Report No: RDG161219001-20

Phantom section: Flat Section

#### DASY4 Configuration:

- Probe: EX3DV4 SN7382; ConvF(8.31, 8.31, 8.31); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

# **Body Bottom/GPRS 1900 Low/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.752 mW/g

# Body Bottom/GPRS 1900 Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

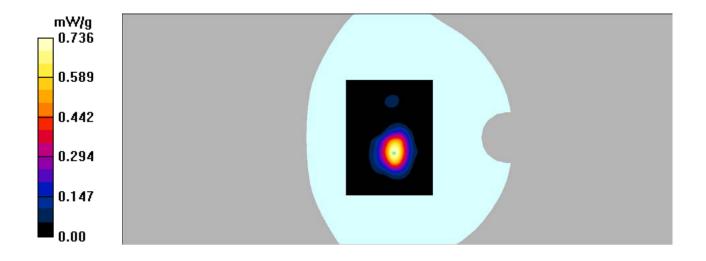
dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.86 V/m; Power Drift = 0.175 dB

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.650 mW/g; SAR(10 g) = 0.302 mW/g

Maximum value of SAR (measured) = 0.736 mW/g



SAR Plots Plot No.: 12#

Communication System: 3G Bands; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: f = 836.6 MHz;  $\sigma = 0.9 \text{ mho/m}$ ;  $\varepsilon_r = 42.05$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Report No: RDG161219001-20

Phantom section: Flat Section

#### DASY4 Configuration:

- Probe: EX3DV4 SN7382; ConvF(10.50, 10.50, 10.50); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

# Head cheek/WCDMA Band 5 Mid/Area Scan (81x101x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.111 mW/g

# Head cheek/WCDMA Band 5 Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

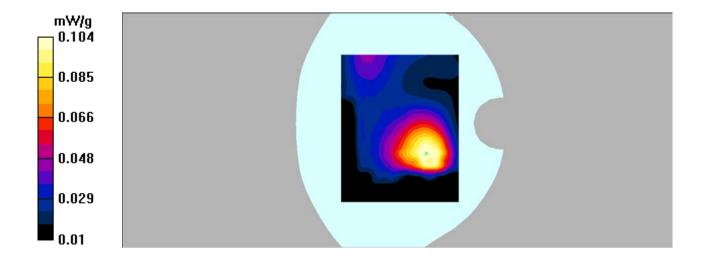
dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.93 V/m; Power Drift = -0.074 dB

Peak SAR (extrapolated) = 0.138 W/kg

SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.067 mW/g

Maximum value of SAR (measured) = 0.104 mW/g



SAR Plots Plot No.: 13#

Communication System: 3G Bands; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: f = 836.6 MHz;  $\sigma = 0.97 \text{ mho/m}$ ;  $\varepsilon_r = 55.47$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Report No: RDG161219001-20

Phantom section: Flat Section

#### DASY4 Configuration:

- Probe: EX3DV4 SN7382; ConvF(10.54, 10.54, 10.54); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

# Body Back/WCDMA Band 5 mid/Area Scan (121x131x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.357 mW/g

# Body Back/WCDMA Band 5 mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

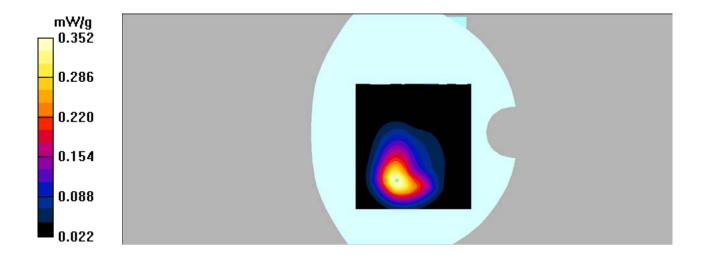
dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.83 V/m; Power Drift = -0.181 dB

Peak SAR (extrapolated) = 0.501 W/kg

SAR(1 g) = 0.322 mW/g; SAR(10 g) = 0.200 mW/g

Maximum value of SAR (measured) = 0.352 mW/g



SAR Plots Plot No.: 14#

Communication System: 3G Bands; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: f = 836.6 MHz;  $\sigma = 0.97 \text{ mho/m}$ ;  $\varepsilon_r = 55.47$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Report No: RDG161219001-20

Phantom section: Flat Section

#### DASY4 Configuration:

- Probe: EX3DV4 SN7382; ConvF(10.54, 10.54, 10.54); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

# Body Right/WCDMA Band 5 Mid/Area Scan (61x121x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.088 mW/g

# Body Right/WCDMA Band 5 Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

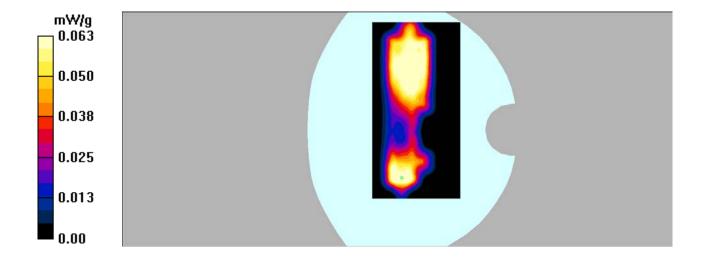
dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.75 V/m; Power Drift = 0.200 dB

Peak SAR (extrapolated) = 0.093 W/kg

SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.034 mW/g

Maximum value of SAR (measured) = 0.063 mW/g



SAR Plots Plot No.: 15#

Communication System: 3G Bands; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: f = 836.6 MHz;  $\sigma = 0.97 \text{ mho/m}$ ;  $\varepsilon_r = 55.47$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Report No: RDG161219001-20

Phantom section: Flat Section

#### DASY4 Configuration:

- Probe: EX3DV4 SN7382; ConvF(10.54, 10.54, 10.54); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

# Body Bottom/WCDMA Band 5 mid/Area Scan (81x91x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.633 mW/g

# Body Bottom/WCDMA Band 5 mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

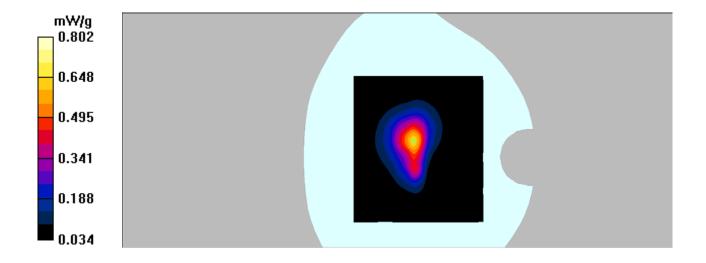
dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.8 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.668 mW/g; SAR(10 g) = 0.342 mW/g

Maximum value of SAR (measured) = 0.802 mW/g



SAR Plots Plot No.: 16#

Communication System: 3G Bands; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz;  $\sigma = 1.38 \text{ mho/m}$ ;  $\varepsilon_r = 40.11$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Report No: RDG161219001-20

Phantom section: Flat Section

## DASY4 Configuration:

- Probe: EX3DV4 SN7382; ConvF(8.71, 8.71, 8.71); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

# Head cheek/WCDMA Band 2 Mid/Area Scan (81x101x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.157 mW/g

# Head cheek/WCDMA Band 2 Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

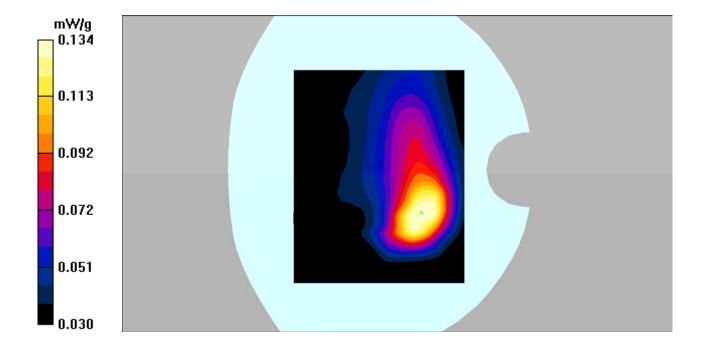
dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.76 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.206 W/kg

SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.056 mW/g

Maximum value of SAR (measured) = 0.134 mW/g



SAR Plots Plot No.: 17#

Communication System: 3G Bands; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz;  $\sigma = 1.55 \text{ mho/m}$ ;  $\varepsilon_r = 53.73$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Report No: RDG161219001-20

Phantom section: Flat Section

## DASY4 Configuration:

- Probe: EX3DV4 SN7382; ConvF(8.31, 8.31, 8.31); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

# **Body Back/WCDMA Band 2 Mid/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.664 mW/g

# Body Back/WCDMA Band 2 Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

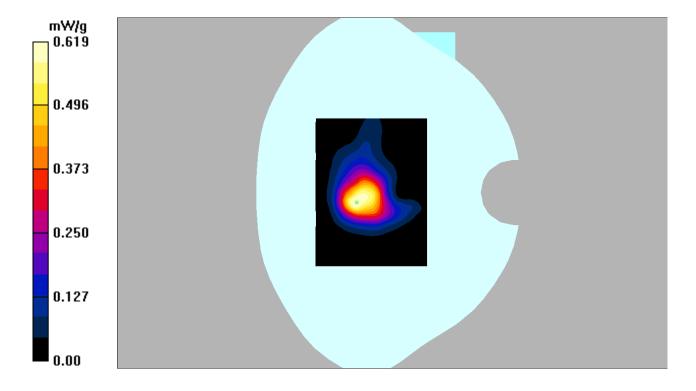
dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.9 V/m; Power Drift = 0.184 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.553 mW/g; SAR(10 g) = 0.284 mW/g

Maximum value of SAR (measured) = 0.619 mW/g



SAR Plots Plot No.: 18#

Communication System: 3G Bands; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz;  $\sigma = 1.55 \text{ mho/m}$ ;  $\varepsilon_r = 53.73$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Report No: RDG161219001-20

Phantom section: Flat Section

#### DASY4 Configuration:

- Probe: EX3DV4 SN7382; ConvF(8.31, 8.31, 8.31); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

# Body Right/WCDMA Band 2 Mid/Area Scan (81x141x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.108 mW/g

# Body Right/WCDMA Band 2 Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

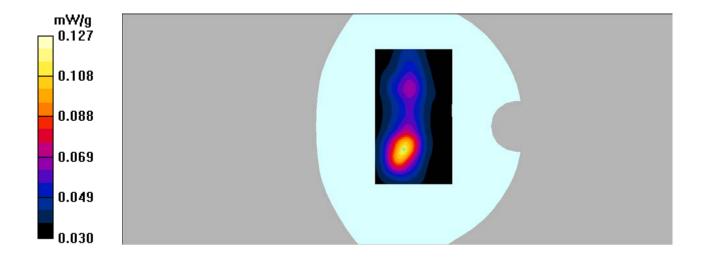
dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.12 V/m; Power Drift = 0.123 dB

Peak SAR (extrapolated) = 0.213 W/kg

SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.044 mW/g

Maximum value of SAR (measured) = 0.127 mW/g



SAR Plots Plot No.: 19#

Communication System: 3G Bands; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1852.4 MHz;  $\sigma = 1.54$  mho/m;  $\varepsilon_r = 53.37$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Report No: RDG161219001-20

Phantom section: Flat Section

## DASY4 Configuration:

- Probe: EX3DV4 SN7382; ConvF(8.31, 8.31, 8.31); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

# Body Bottom/WCDMA Band 2 Low/Area Scan (91x121x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.34 mW/g

# Body Bottom/WCDMA Band 2 Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

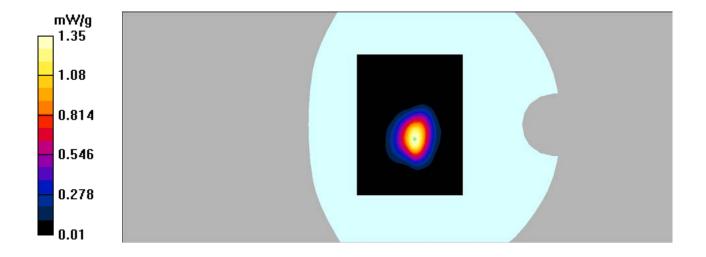
dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.6 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 2.80 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.544 mW/g

Maximum value of SAR (measured) = 1.35 mW/g



SAR Plots Plot No.: 20#

Communication System: 3G Bands; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz;  $\sigma = 1.55 \text{ mho/m}$ ;  $\varepsilon_r = 53.73$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Report No: RDG161219001-20

Phantom section: Flat Section

## DASY4 Configuration:

- Probe: EX3DV4 SN7382; ConvF(8.31, 8.31, 8.31); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

# Body Bottom/WCDMA Band 2 Mid/Area Scan (91x121x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.898 mW/g

# Body Bottom/WCDMA Band 2 Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

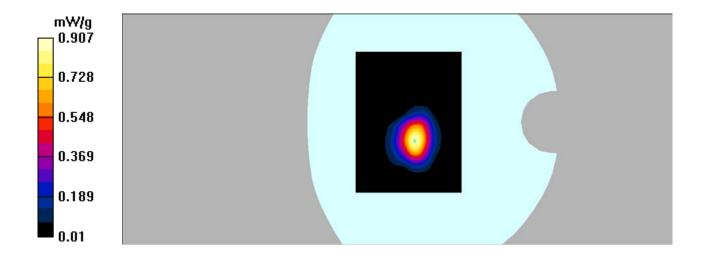
dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.4 V/m; Power Drift = 0.095 dB

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 0.808 mW/g; SAR(10 g) = 0.372 mW/g

Maximum value of SAR (measured) = 0.907 mW/g



SAR Plots Plot No.: 21#

Communication System: 3G Bands; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1907.6 MHz;  $\sigma = 1.55 \text{ mho/m}$ ;  $\varepsilon_r = 53.71$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Report No: RDG161219001-20

Phantom section: Flat Section

#### DASY4 Configuration:

- Probe: EX3DV4 SN7382; ConvF(8.31, 8.31, 8.31); Calibrated: 26/10/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE SN772; Calibrated: 25/10/2016
- Phantom: TWIN SAM; Type: Twin SAM V5.0; Serial: 1909
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

# Body Bottom/WCDMA Band 2 High/Area Scan (91x121x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.31 mW/g

# Body Bottom/WCDMA Band 2 High/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

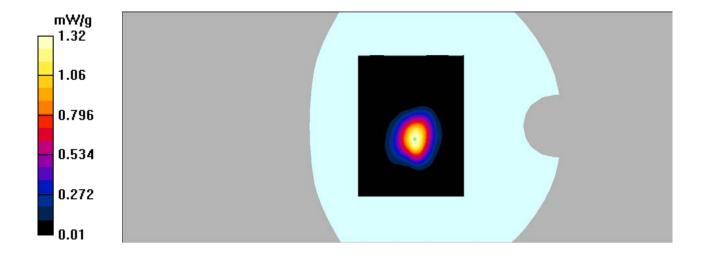
dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.5 V/m; Power Drift = 0.167 dB

Peak SAR (extrapolated) = 2.71 W/kg

SAR(1 g) = 1.10 mW/g; SAR(10 g) = 0.532 mW/g

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



SAR Plots Plot No.: 22#