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

Medium parameters used: f = 836.6 MHz;  $\sigma = 0.92 \text{ mho/m}$ ;  $\epsilon r = 41.86$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Left 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

**Left Cheek/GSM 850 Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.072 mW/g

**Left Cheek/GSM 850 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

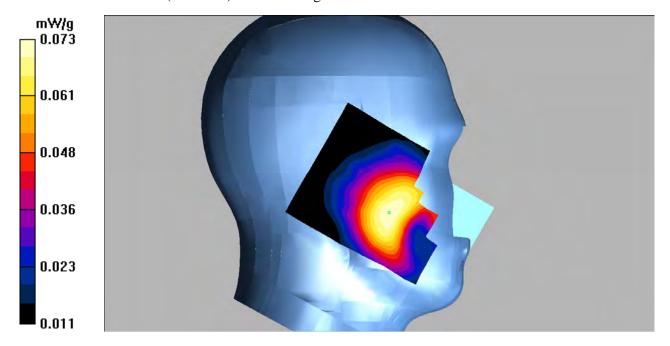
Report No: RSZ170110007-20

Reference Value = 3.00 V/m; Power Drift = 0.124 dB

Peak SAR (extrapolated) = 0.077 W/kg

SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.057 mW/g

Maximum value of SAR (measured) = 0.073 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;  $\sigma = 0.92 \text{ mho/m}$ ;  $\epsilon r = 41.86$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Left 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

**Left Tilt/GSM 850 Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.034 mW/g

Left Tilt/GSM 850 Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

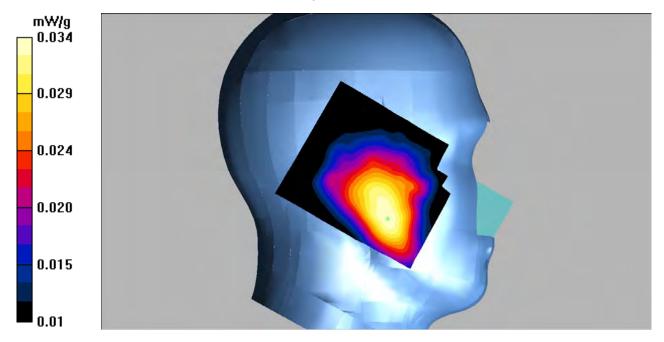
Report No: RSZ170110007-20

Reference Value = 3.65 V/m; Power Drift = 0.136 dB

Peak SAR (extrapolated) = 0.035 W/kg

SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.027 mW/g

Maximum value of SAR (measured) = 0.034 mW/g



SAR Plots Plot No.: 2#

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

Medium parameters used: f = 836.6 MHz;  $\sigma = 0.92 \text{ mho/m}$ ;  $\epsilon r = 41.86$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Report No: RSZ170110007-20

Phantom section: Right 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

**Right Cheek/GSM 850 Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.101 mW/g

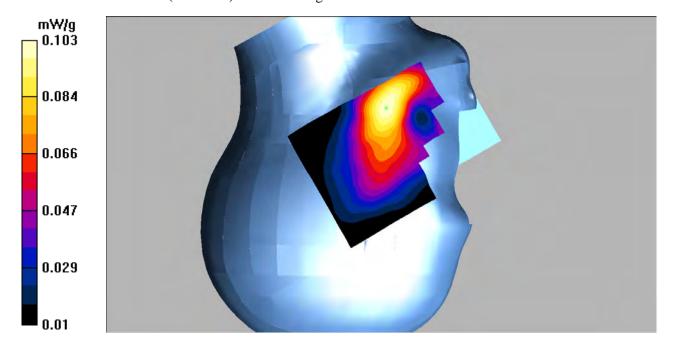
**Right Cheek/GSM 850 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.73 V/m; Power Drift = -0.164 dB

Peak SAR (extrapolated) = 0.123 W/kg

SAR(1 g) = 0.096 mW/g; SAR(10 g) = 0.068 mW/g

Maximum value of SAR (measured) = 0.103 mW/g



SAR Plots Plot No.: 3#

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

Medium parameters used: f = 836.6 MHz;  $\sigma = 0.92 \text{ mho/m}$ ;  $\epsilon r = 41.86$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right 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

# Right Tilt/GSM 850 Mid/Area Scan (101x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.040 mW/g

# Right Tilt/GSM 850 Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

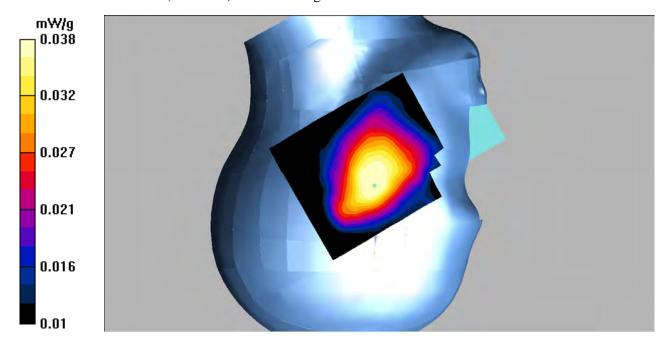
Report No: RSZ170110007-20

Reference Value = 4.31 V/m; Power Drift = -0.097 dB

Peak SAR (extrapolated) = 0.043 W/kg

#### SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.029 mW/g

Maximum value of SAR (measured) = 0.038 mW/g



SAR Plots Plot No.: 4#

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

Medium parameters used: f = 836.6 MHz;  $\sigma = 0.96 \text{ mho/m}$ ;  $\varepsilon_r = 55.47$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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 (91x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.199 mW/g

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

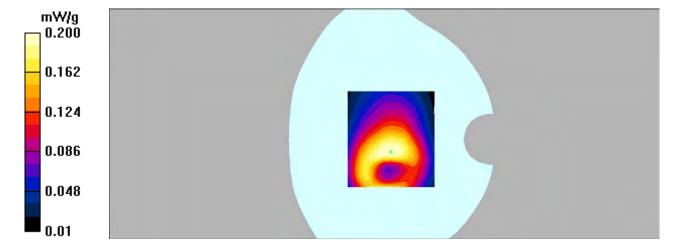
Report No: RSZ170110007-20

Reference Value = 13.4 V/m; Power Drift = -0.069 dB

Peak SAR (extrapolated) = 0.259 W/kg

SAR(1 g) = 0.187 mW/g; SAR(10 g) = 0.130 mW/g

Maximum value of SAR (measured) = 0.200 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;  $\sigma = 0.96$  mho/m;  $\varepsilon_r = 55.47$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Report No: RSZ170110007-20

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

**Hotspot Back/GPRS 850 Mid/Area Scan (91x101x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.540 mW/g

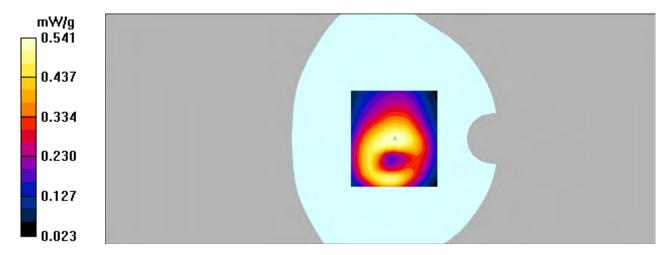
**Hotspot Back/GPRS 850 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.5 V/m; Power Drift = 0.075 dB

Peak SAR (extrapolated) = 0.707 W/kg

SAR(1 g) = 0.504 mW/g; SAR(10 g) = 0.351 mW/g

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



SAR Plots Plot No.: 6#

Communication System: GPRS bands-4slots; Frequency: 836.6 MHz; Duty Cycle: 1:2 Medium parameters used: f = 836.6 MHz;  $\sigma = 0.96$  mho/m;  $\varepsilon_r = 55.47$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Report No: RSZ170110007-20

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

**Hotspot Right/GPRS850 Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.347 mW/g

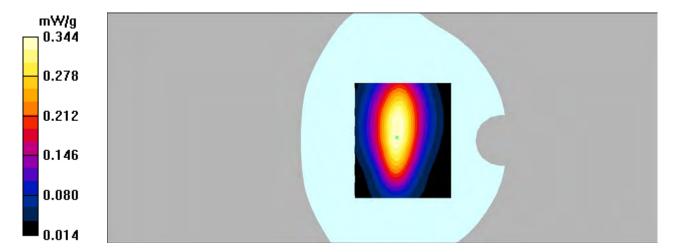
**Hotspot Right/GPRS850 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.0 V/m; Power Drift = 0.088 dB

Peak SAR (extrapolated) = 0.445 W/kg

SAR(1 g) = 0.325 mW/g; SAR(10 g) = 0.228 mW/g

Maximum value of SAR (measured) = 0.344 mW/g



SAR Plots Plot No.: 7#

Communication System: GPRS bands-4slots; Frequency: 836.6 MHz; Duty Cycle: 1:2 Medium parameters used: f = 836.6 MHz;  $\sigma = 0.96$  mho/m;  $\varepsilon_r = 55.47$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Report No: RSZ170110007-20

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

**Hotspot Bottom/GPRS 850 Mid/Area Scan (91x101x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.465 mW/g

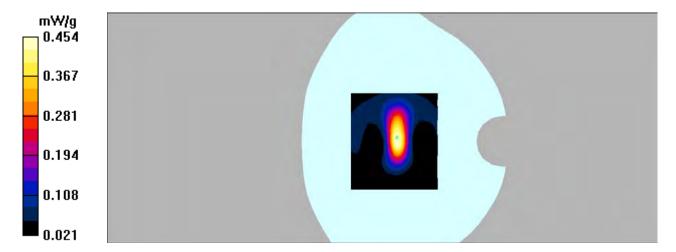
**Hotspot Bottom/GPRS 850 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.9 V/m; Power Drift = 0.040 dB

Peak SAR (extrapolated) = 0.681 W/kg

SAR(1 g) = 0.403 mW/g; SAR(10 g) = 0.221 mW/g

Maximum value of SAR (measured) = 0.454 mW/g



SAR Plots Plot No.: 8#

Report No: RSZ170110007-20

Communication System: GSM bands; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used: f = 1880 MHz;  $\sigma = 1.44 \text{ mho/m}$ ;  $\varepsilon_r = 39.33$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Left 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

**Left Cheek/GSM 1900 Mid/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.040 mW/g

**Left Cheek/GSM 1900 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm,

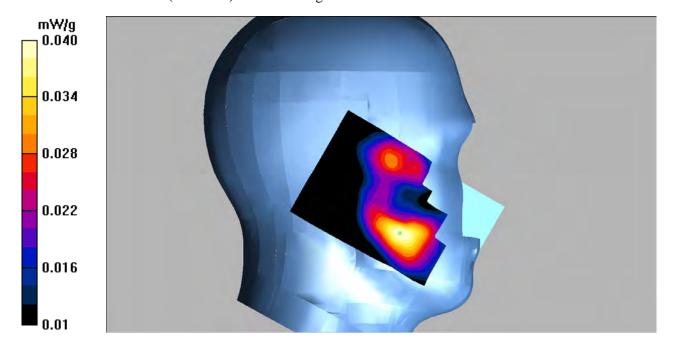
dz=5mm

Reference Value = 1.94 V/m; Power Drift = -0.095 dB

Peak SAR (extrapolated) = 0.123 W/kg

SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.040 mW/g



SAR Plots Plot No.: 9#

Communication System: GSM bands; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used: f = 1880 MHz;  $\sigma = 1.44 \text{ mho/m}$ ;  $\varepsilon_r = 39.33$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Left 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

**Left Tilt/WCDMA Band 2 Mid/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.025 mW/g

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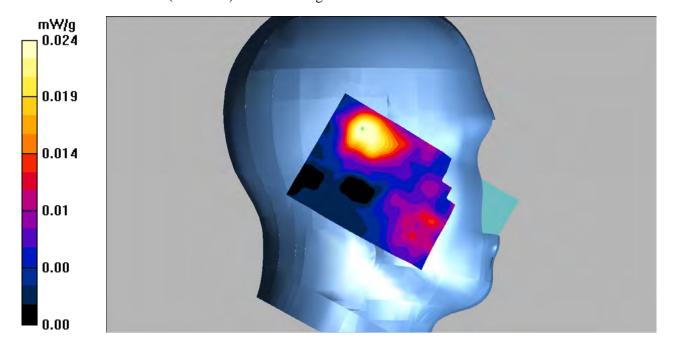
**Left Tilt/WCDMA Band 2 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.80 V/m; Power Drift = -0.120 dB

Peak SAR (extrapolated) = 0.031 W/kg

SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.024 mW/g



SAR Plots Plot No.: 10#

Communication System: GSM bands; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used: f = 1880 MHz;  $\sigma = 1.44 \text{ mho/m}$ ;  $\varepsilon_r = 39.33$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Report No: RSZ170110007-20

Phantom section: Right 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

**Right Cheek/GSM 1900 Mid/Area Scan (91x101x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.063 mW/g

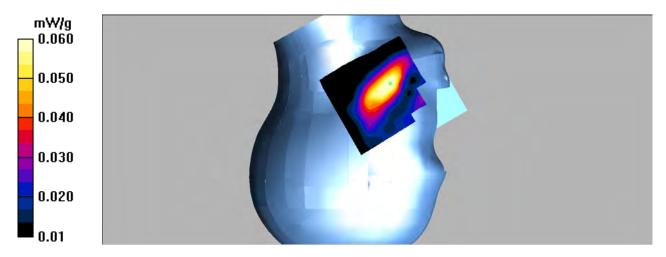
**Right Cheek/GSM 1900 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.71 V/m; Power Drift = 0.065 dB

Peak SAR (extrapolated) = 0.085 W/kg

SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.035 mW/g

Maximum value of SAR (measured) = 0.060 mW/g



SAR Plots Plot No.: 11#

Communication System: GSM bands; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used: f = 1880 MHz;  $\sigma = 1.44 \text{ mho/m}$ ;  $\varepsilon_r = 39.33$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right 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

# Right Tilt/GSM 1900 Mid/Area Scan (91x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.016 mW/g

#### Right Tilt/GSM 1900 Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

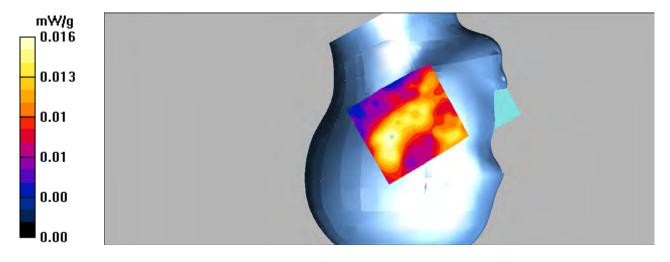
Report No: RSZ170110007-20

Reference Value = 3.28 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.046 W/kg

#### SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00966 mW/g

Maximum value of SAR (measured) = 0.016 mW/g



SAR Plots Plot No.: 12#

Report No: RSZ170110007-20

Communication System: GSM bands; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used: f = 1880 MHz;  $\sigma = 1.52 \text{ mho/m}$ ;  $\varepsilon_r = 52.49$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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 Mid/Area Scan (91x101x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.163 mW/g

Body-worn/GSM 1900 Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm,

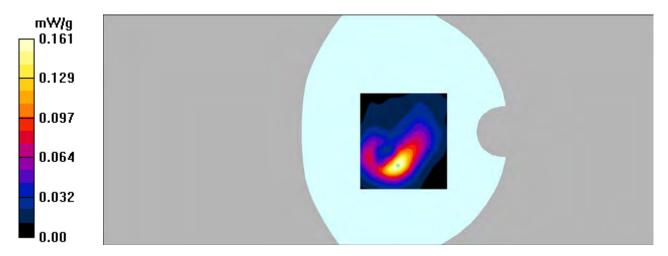
dz=5mm

Reference Value = 4.92 V/m; Power Drift = -0.069 dB

Peak SAR (extrapolated) = 0.259 W/kg

SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.075 mW/g

Maximum value of SAR (measured) = 0.161 mW/g



SAR Plots Plot No.: 13#

Communication System: GPRS bands-2slots; Frequency: 1880 MHz; Duty Cycle: 1:4 Medium parameters used: f = 1880 MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 52.49$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Report No: RSZ170110007-20

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

**Hotspot Back/GPRS 1900 Mid/Area Scan (91x101x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.194 mW/g

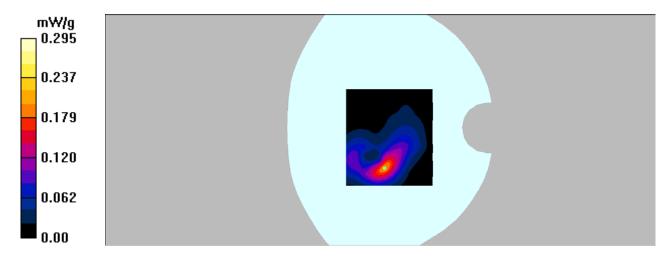
**Hotspot Back/GPRS 1900 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.65 V/m; Power Drift = 0.043 dB

Peak SAR (extrapolated) = 0.495 W/kg

SAR(1 g) = 0.262 mW/g; SAR(10 g) = 0.133 mW/g

Maximum value of SAR (measured) = 0.295 mW/g



SAR Plots Plot No.: 14#

Communication System: GPRS bands-2slots; Frequency: 1880 MHz;Duty Cycle: 1:4 Medium parameters used: f=1880 MHz;  $\sigma=1.52$  mho/m;  $\epsilon_r=52.49$ ;  $\rho=1000$  kg/m<sup>3</sup>

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

**Hotspot Right/GPRS 1900 Mid/Area Scan (81x161x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.186 mW/g

Report No: RSZ170110007-20

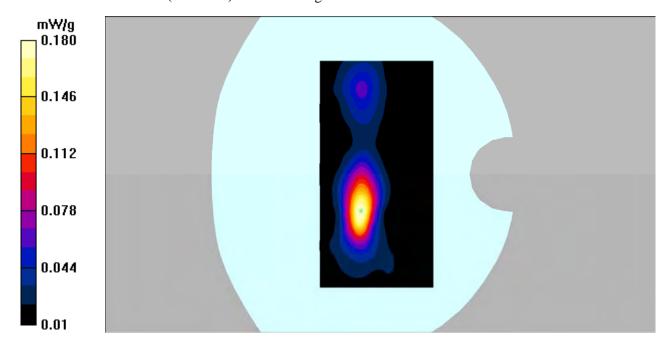
**Hotspot Right/GPRS 1900 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.50 V/m; Power Drift = -0.109 dB

Peak SAR (extrapolated) = 0.297 W/kg

SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.079 mW/g

Maximum value of SAR (measured) = 0.180 mW/g



SAR Plots Plot No.: 15#

Communication System: GPRS bands-2slots; Frequency: 1880 MHz; Duty Cycle: 1:4 Medium parameters used: f = 1880 MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 52.49$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Hotspot Bottom/GPRS 1900 Mid/Area Scan (91x101x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.537 mW/g

Report No: RSZ170110007-20

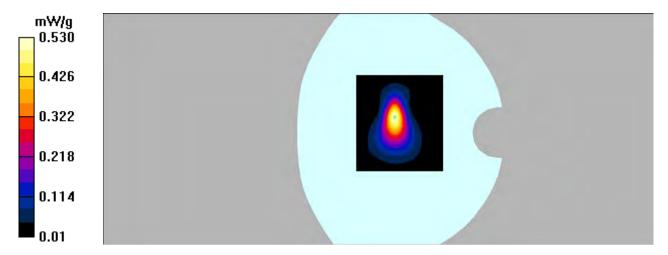
**Hotspot Bottom/GPRS 1900 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.5 V/m; Power Drift = 0.084 dB

Peak SAR (extrapolated) = 0.893 W/kg

SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.224 mW/g

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



SAR Plots Plot No.: 16#

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

Medium parameters used: f = 836.6 MHz;  $\sigma = 0.92 \text{ mho/m}$ ;  $\epsilon r = 41.86$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Left 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

**Left Cheek/WCDMA Band 5 Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.052 mW/g

Report No: RSZ170110007-20

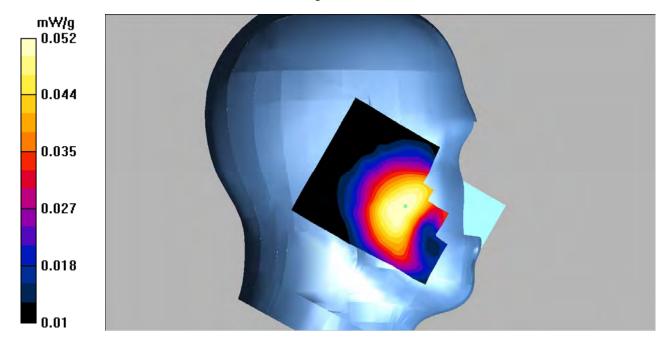
**Left Cheek/WCDMA Band 5 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.51 V/m; Power Drift = 0.032 dB

Peak SAR (extrapolated) = 0.057 W/kg

SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.040 mW/g

Maximum value of SAR (measured) = 0.052 mW/g



SAR Plots Plot No.: 17#

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

Medium parameters used: f = 836.6 MHz;  $\sigma = 0.92 \text{ mho/m}$ ;  $\epsilon r = 41.86$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Left 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

**Left Tilt/WCDMA Band 5 Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.020 mW/g

Report No: RSZ170110007-20

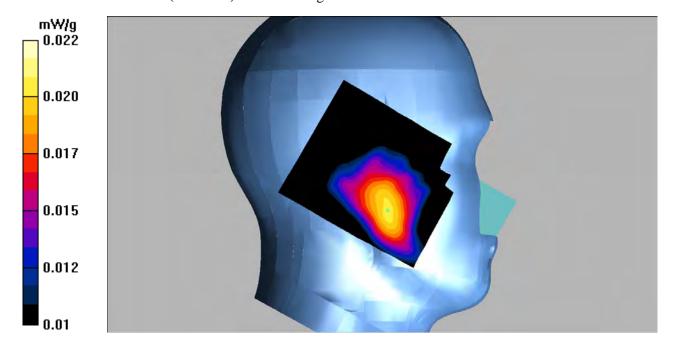
**Left Tilt/WCDMA Band 5 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.35 V/m; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 0.022 W/kg

SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.022 mW/g



SAR Plots Plot No.: 18#

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

Medium parameters used: f = 836.6 MHz;  $\sigma = 0.92 \text{ mho/m}$ ;  $\epsilon r = 41.86$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right 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

**Right Cheek/WCDMA Band 5 Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.052 mW/g

Report No: RSZ170110007-20

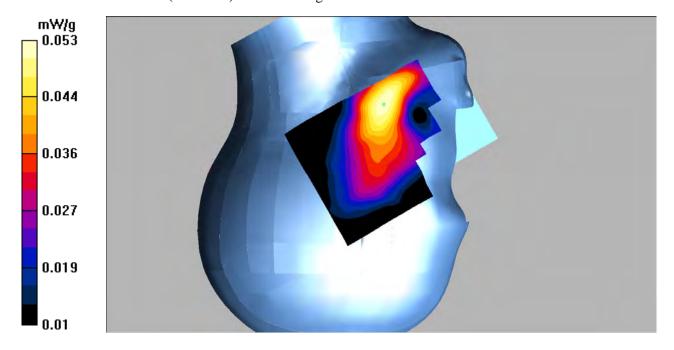
**Right Cheek/WCDMA Band 5 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.09 V/m; Power Drift = -0.152 dB

Peak SAR (extrapolated) = 0.060 W/kg

SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.036 mW/g

Maximum value of SAR (measured) = 0.053 mW/g



SAR Plots Plot No.: 19#

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

Medium parameters used: f = 836.6 MHz;  $\sigma = 0.92 \text{ mho/m}$ ;  $\epsilon r = 41.86$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right 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

**Right Tilt/WCDMA Band 5 Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.025 mW/g

Report No: RSZ170110007-20

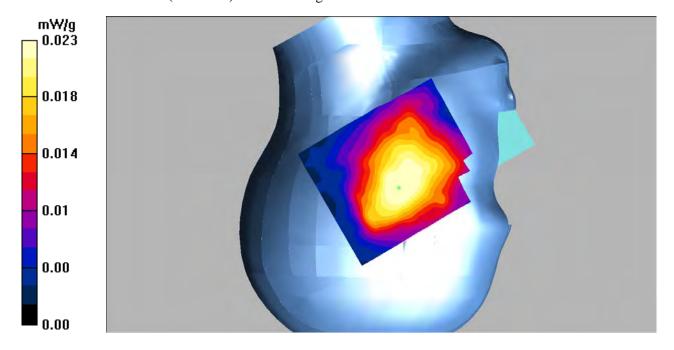
**Right Tilt/WCDMA Band 5 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.63 V/m; Power Drift = -0.108 dB

Peak SAR (extrapolated) = 0.024 W/kg

SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.018 mW/g

Maximum value of SAR (measured) = 0.023 mW/g



SAR Plots Plot No.: 20#

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

Medium parameters used: f = 836.6 MHz;  $\sigma = 0.96$  mho/m;  $\varepsilon_r = 55.47$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Hotspot Back/WCDMA Band 5 Mid/Area Scan (91x101x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.131 mW/g

Report No: RSZ170110007-20

#### Hotspot Back/WCDMA Band 5 Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

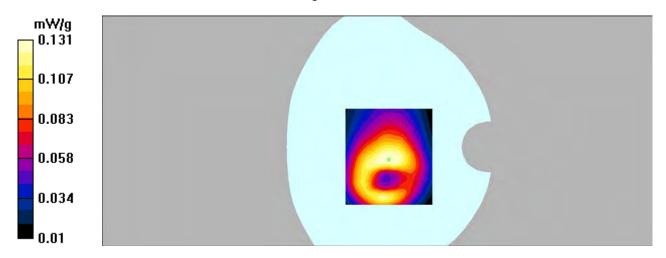
dy=5mm, dz=5mm

Reference Value = 11.4 V/m; Power Drift = -0.115 dB

Peak SAR (extrapolated) = 0.169 W/kg

#### SAR(1 g) = 0.123 mW/g; SAR(10 g) = 0.086 mW/g

Maximum value of SAR (measured) = 0.131 mW/g



SAR Plots Plot No.: 21#

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

Medium parameters used: f = 836.6 MHz;  $\sigma = 0.96 \text{ mho/m}$ ;  $\varepsilon_r = 55.47$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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

**Hotspot Right/WCMDA Band 5 Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.091 mW/g

Report No: RSZ170110007-20

#### Hotspot Right/WCMDA Band 5 Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

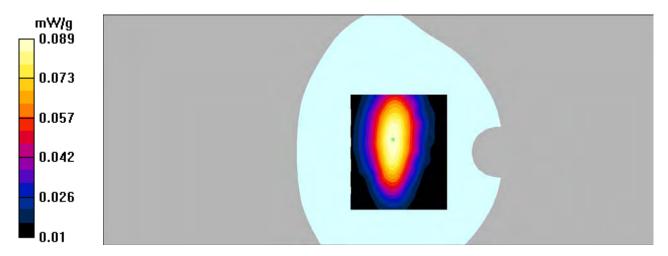
dy=5mm, dz=5mm

Reference Value = 9.11 V/m; Power Drift = 0.033 dB

Peak SAR (extrapolated) = 0.116 W/kg

SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.061 mW/g

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



SAR Plots Plot No.: 22#

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

Medium parameters used: f = 836.6 MHz;  $\sigma = 0.96$  mho/m;  $\varepsilon_r = 55.47$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Report No: RSZ170110007-20

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

# Hotspot Bottom/WCMDA Band 5 Mid/Area Scan (101x121x1): Measurement grid: dx=10mm,

dy=10mm

Maximum value of SAR (interpolated) = 0.110 mW/g

# Hotspot Bottom/WCMDA Band 5 Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

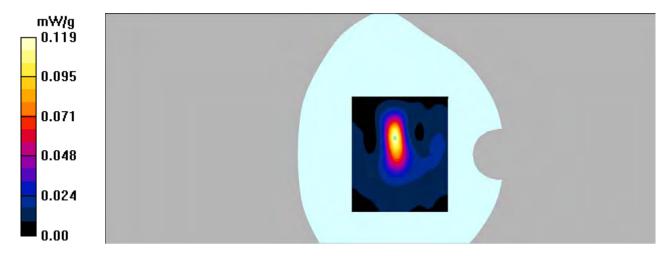
dy=5mm, dz=5mm

Reference Value = 8.72 V/m; Power Drift = 0.130 dB

Peak SAR (extrapolated) = 0.164 W/kg

SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.053 mW/g

Maximum value of SAR (measured) = 0.119 mW/g



SAR Plots Plot No.: 23#

Communication System: 3G Bands; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1732.6 MHz;  $\sigma = 1.38$  mho/m;  $\varepsilon_r = 40.16$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(9.06, 9.06, 9.06); 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

**Left Cheek/WCDMA Band 4 Mid/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.025 mW/g

Report No: RSZ170110007-20

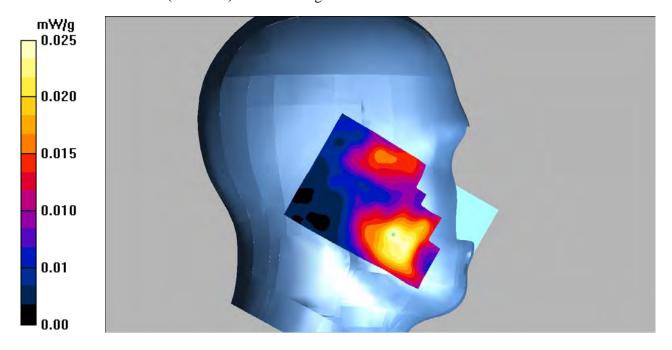
**Left Cheek/WCDMA Band 4 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.81 V/m; Power Drift = -1.18 dB

Peak SAR (extrapolated) = 0.076 W/kg

SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.025 mW/g



SAR Plots Plot No.: 24#

Communication System: 3G Bands; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1732.6 MHz;  $\sigma = 1.38$  mho/m;  $\varepsilon_r = 40.16$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Report No: RSZ170110007-20

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(9.06, 9.06, 9.06); 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

**Left Tilt/WCDMA Band 4 Mid/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.013 mW/g

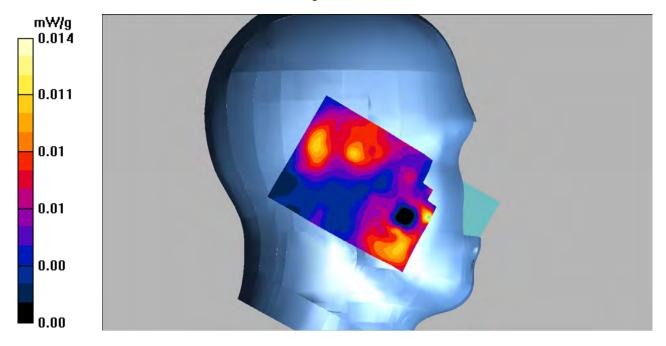
**Left Tilt/WCDMA Band 4 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.61 V/m; Power Drift = -0.179 dB

Peak SAR (extrapolated) = 0.017 W/kg

SAR(1 g) = 0.0021 mW/g; SAR(10 g) = 0.000678 mW/g

Maximum value of SAR (measured) = 0.014 mW/g



SAR Plots Plot No.: 25#

Communication System: 3G Bands; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1732.6 MHz;  $\sigma = 1.38$  mho/m;  $\varepsilon_r = 40.16$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(9.06, 9.06, 9.06); 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

**Right Cheek/WCDMA Band 4 Mid/Area Scan (91x101x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.035 mW/g

**Right Cheek/WCDMA Band 4 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

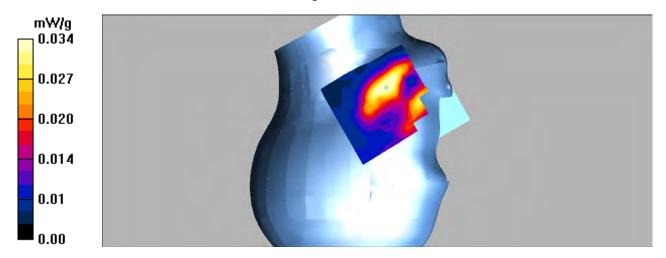
Report No: RSZ170110007-20

Reference Value = 2.04 V/m; Power Drift = -0.140 dB

Peak SAR (extrapolated) = 0.063 W/kg

SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.034 mW/g



SAR Plots Plot No.: 26#

Communication System: 3G Bands; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1732.6 MHz;  $\sigma = 1.38$  mho/m;  $\varepsilon_r = 40.16$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Report No: RSZ170110007-20

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(9.06, 9.06, 9.06); 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

**Right Tilt/WCDMA Band 4 Mid/Area Scan (91x101x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.012 mW/g

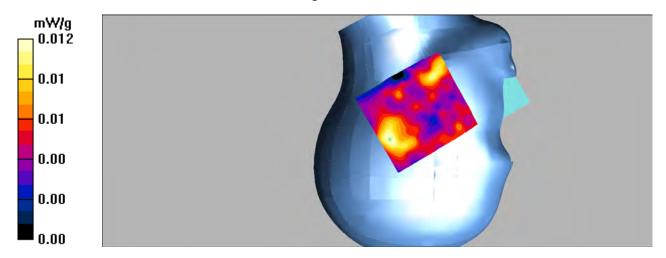
**Right Tilt/WCDMA Band 4 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.67 V/m; Power Drift = -0.104 dB

Peak SAR (extrapolated) = 0.035 W/kg

SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00732 mW/g

Maximum value of SAR (measured) = 0.012 mW/g



SAR Plots Plot No.: 27#

Communication System: 3G Bands; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1732.6 MHz;  $\sigma = 1.5 \text{ mho/m}$ ;  $\varepsilon_r = 53.43.43$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(8.65, 8.65, 8.65); 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

**Hotspot Back/WCDMA Band 4 Mid/Area Scan (91x101x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.204 mW/g

Report No: RSZ170110007-20

#### Hotspot Back/WCDMA Band 4 Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

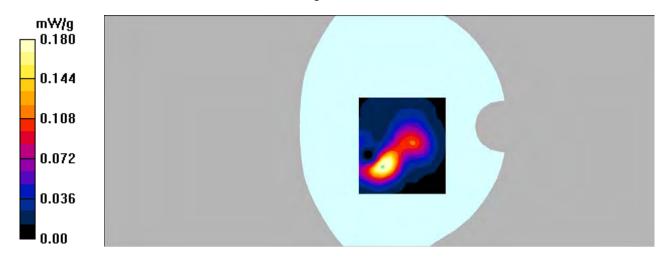
dy=5mm, dz=5mm

Reference Value = 5.93 V/m; Power Drift = -0.063 dB

Peak SAR (extrapolated) = 0.299 W/kg

#### SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.086 mW/g

Maximum value of SAR (measured) = 0.180 mW/g



SAR Plots Plot No.: 28#

Communication System: 3G Bands; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1732.6 MHz;  $\sigma = 1.5 \text{ mho/m}$ ;  $\varepsilon_r = 53.43$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(8.65, 8.65, 8.65); 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

**Hotspot Right/WCDMA Band 4 Mid/Area Scan (91x101x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.068 mW/g

Report No: RSZ170110007-20

#### Hotspot Right/WCDMA Band 4 Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

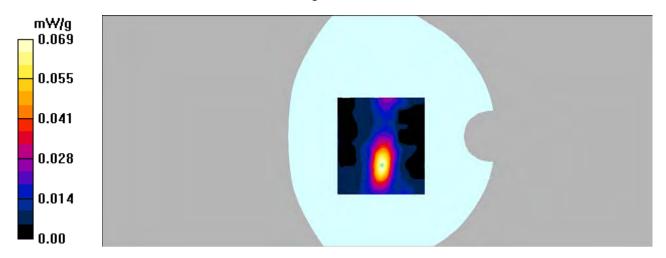
dy=5mm, dz=5mm

Reference Value = 3.62 V/m; Power Drift = 0.100 dB

Peak SAR (extrapolated) = 0.103 W/kg

SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.032 mW/g

Maximum value of SAR (measured) = 0.069 mW/g



SAR Plots Plot No.: 29#

Communication System: 3G Bands; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1732.6 MHz;  $\sigma = 1.5 \text{ mho/m}$ ;  $\varepsilon_r = 53.43$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(8.65, 8.65, 8.65); 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

**Hotspot Bottom/WCDMA Band 4 Mid/Area Scan (91x101x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.346 mW/g

Report No: RSZ170110007-20

#### Hotspot Bottom/WCDMA Band 4 Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

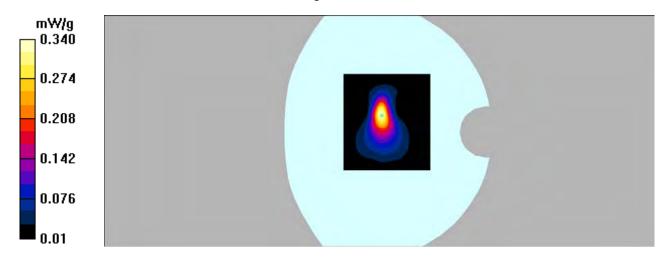
dy=5mm, dz=5mm

Reference Value = 10.4 V/m; Power Drift = 0.178 dB

Peak SAR (extrapolated) = 0.600 W/kg

#### SAR(1 g) = 0.292 mW/g; SAR(10 g) = 0.136 mW/g

Maximum value of SAR (measured) = 0.340 mW/g



SAR Plots Plot No.: 30#

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

Medium parameters used: f = 1907.6 MHz;  $\sigma = 1.43 \text{ mho/m}$ ;  $\varepsilon_r = 39.64$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Left 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

**Left Cheek/WCDMA Band 2 High/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.063 mW/g

Report No: RSZ170110007-20

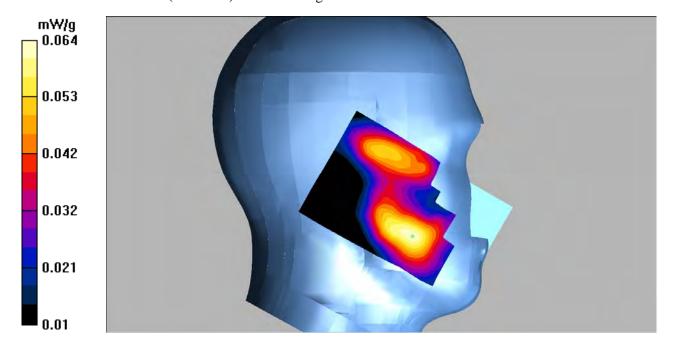
**Left Cheek/WCDMA Band 2 High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.01 V/m; Power Drift = -0.150 dB

Peak SAR (extrapolated) = 0.085 W/kg

SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.041 mW/g

Maximum value of SAR (measured) = 0.064 mW/g



SAR Plots Plot No.: 31#

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

Medium parameters used: f = 1907.6 MHz;  $\sigma = 1.43 \text{ mho/m}$ ;  $\varepsilon_r = 39.64$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Report No: RSZ170110007-20

Phantom section: Left 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

**Left Tilt/WCDMA Band 2 High/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.051 mW/g

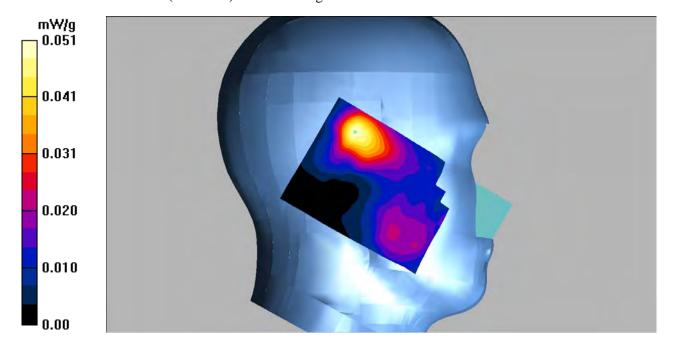
**Left Tilt/WCDMA Band 2 High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.37 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.066 W/kg

SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.029 mW/g

Maximum value of SAR (measured) = 0.051 mW/g



SAR Plots Plot No.: 32#

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

Medium parameters used: f = 1907.6 MHz;  $\sigma = 1.43 \text{ mho/m}$ ;  $\varepsilon_r = 39.64$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right 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

**Right Cheek/WCDMA Band 2 High/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.113 mW/g

Report No: RSZ170110007-20

#### Right Cheek/WCDMA Band 2 High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

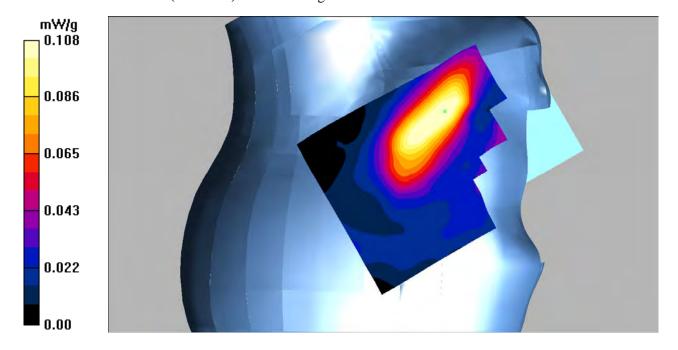
dy=5mm, dz=5mm

Reference Value = 3.29 V/m; Power Drift = -0.183 dB

Peak SAR (extrapolated) = 0.192 W/kg

SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.057 mW/g

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



SAR Plots Plot No.: 33#

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

Medium parameters used: f = 1907.6 MHz;  $\sigma = 1.43 \text{ mho/m}$ ;  $\varepsilon_r = 39.64$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right 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

**Right Tilt/WCDMA Band 2 High/Area Scan (91x101x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.035 mW/g

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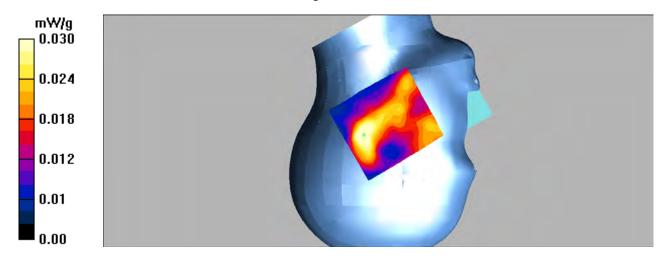
**Right Tilt/WCDMA Band 2 High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.43 V/m; Power Drift = -0.069 dB

Peak SAR (extrapolated) = 0.057 W/kg

SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.018 mW/g

Maximum value of SAR (measured) = 0.030 mW/g



SAR Plots Plot No.: 34#

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

Medium parameters used: f = 1907.6 MHz;  $\sigma = 1.52 \text{ mho/m}$ ;  $\varepsilon_r = 52.51$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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

**Hotspot Back/WCDMA Band 2 High/Area Scan (91x101x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.407 mW/g

Report No: RSZ170110007-20

#### Hotspot Back/WCDMA Band 2 High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

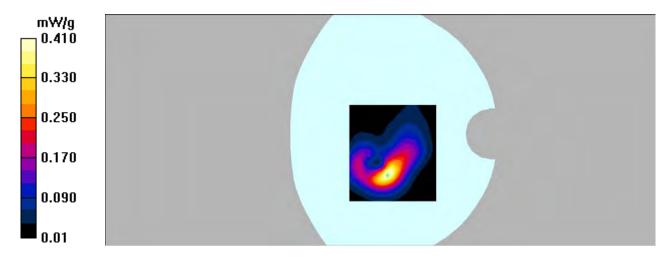
dy=5mm, dz=5mm

Reference Value = 6.66 V/m; Power Drift = -0.226 dB

Peak SAR (extrapolated) = 0.677 W/kg

# SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.182 mW/g

Maximum value of SAR (measured) = 0.410 mW/g



SAR Plots Plot No.: 35#

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

Medium parameters used: f = 1907.6 MHz;  $\sigma = 1.52 \text{ mho/m}$ ;  $\varepsilon_r = 52.51$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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

**Hotspot Right/WCDMA Band 2 High/Area Scan (81x161x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.254 mW/g

Report No: RSZ170110007-20

# Hotspot Right/WCDMA Band 2 High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

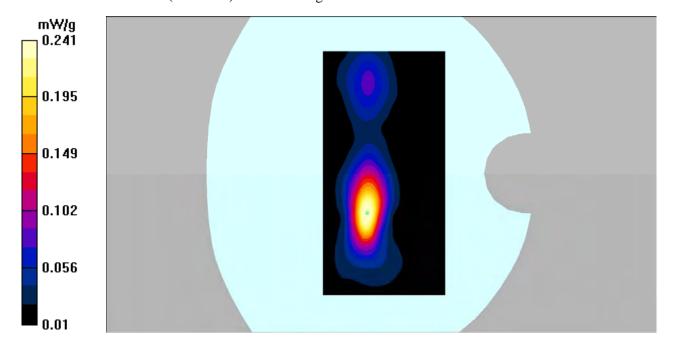
dy=5mm, dz=5mm

Reference Value = 8.65 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.410 W/kg

#### SAR(1 g) = 0.212 mW/g; SAR(10 g) = 0.105 mW/g

Maximum value of SAR (measured) = 0.241 mW/g



SAR Plots Plot No.: 36#

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

Medium parameters used: f = 1907.6 MHz;  $\sigma = 1.52 \text{ mho/m}$ ;  $\varepsilon_r = 52.51$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Report No: RSZ170110007-20

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

#### Hotspot Bottom/WCDMA Band 2 High/Area Scan (91x101x1): Measurement grid: dx=10mm,

dy=10mm

Maximum value of SAR (interpolated) = 0.686 mW/g

#### Hotspot Bottom/WCDMA Band 2 High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

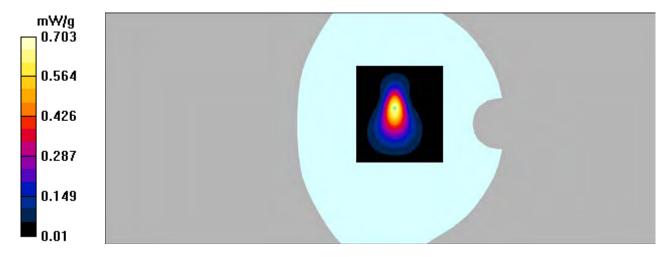
dy=5mm, dz=5mm

Reference Value = 16.3 V/m; Power Drift = 0.149 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.608 mW/g; SAR(10 g) = 0.297 mW/g

Maximum value of SAR (measured) = 0.703 mW/g



SAR Plots Plot No.: 37#

Report No: RSZ170110007-20

Communication System: 4G Bands; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz;  $\sigma = 1.44 \text{ mho/m}$ ;  $\varepsilon_r = 39.33$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Left 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

**Left Cheek/LTE Band 2 Mid/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.108 mW/g

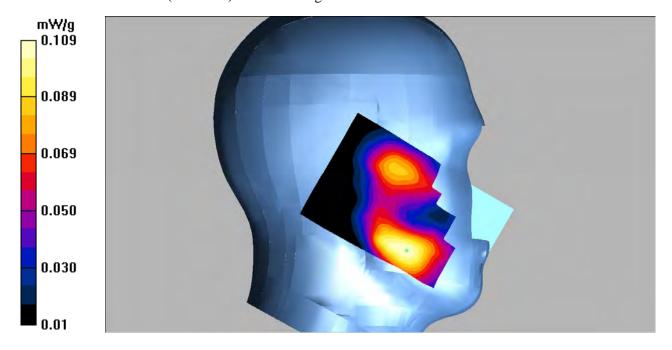
**Left Cheek/LTE Band 2 Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.10 V/m; Power Drift = 0.102 dB

Peak SAR (extrapolated) = 0.144 W/kg

SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.069 mW/g

Maximum value of SAR (measured) = 0.109 mW/g



SAR Plots Plot No.: 38#

Communication System: 4G Bands; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1900 MHz;  $\sigma = 1.41 \text{ mho/m}$ ;  $\epsilon r = 40.60$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Left 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

**Left Cheek/LTE Band 2 50RB High/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.103 mW/g

Report No: RSZ170110007-20

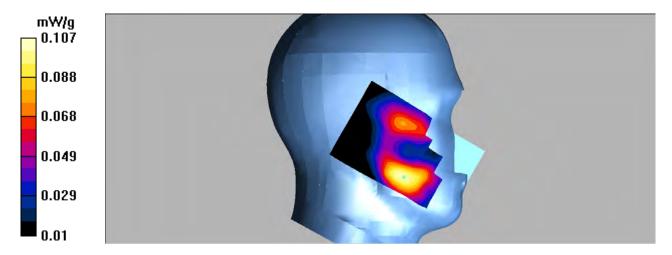
**Left Cheek/LTE Band 2 50RB High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.33 V/m; Power Drift = -0.144 dB

Peak SAR (extrapolated) = 0.138 W/kg

SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.067 mW/g

Maximum value of SAR (measured) = 0.107 mW/g



SAR Plots Plot No.: 39#

Communication System: 4G Bands; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz;  $\sigma = 1.44$  mho/m;  $\varepsilon_r = 39.33$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left 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

#### Left Tilt/LTE Band 2 Mid/Area Scan (91x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.070 mW/g

#### Left Tilt/LTE Band 2 Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

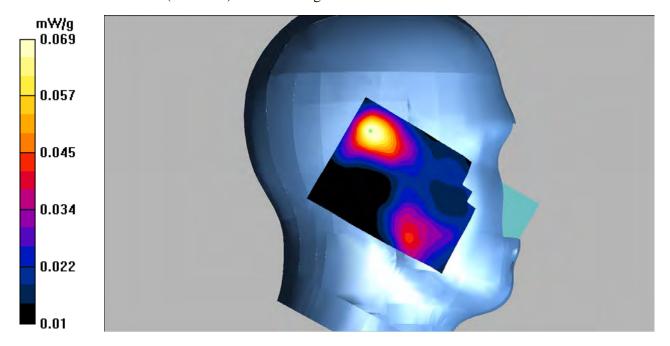
Report No: RSZ170110007-20

Reference Value = 4.66 V/m; Power Drift = -0.043 dB

Peak SAR (extrapolated) = 0.093 W/kg

#### SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.041 mW/g

Maximum value of SAR (measured) = 0.069 mW/g



SAR Plots Plot No.: 40#

Communication System: 4G Bands; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1900 MHz;  $\sigma = 1.41 \text{ mho/m}$ ;  $\epsilon r = 40.60$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Left 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

**Left Tilt/LTE Band 2 50RB High/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.065 mW/g

Report No: RSZ170110007-20

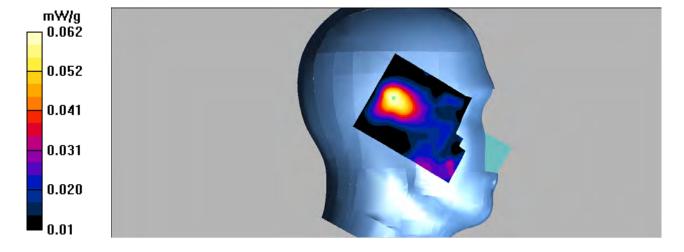
**Left Tilt/LTE Band 2 50RB High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.76 V/m; Power Drift = -0.141 dB

Peak SAR (extrapolated) = 0.083 W/kg

SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.037 mW/g

Maximum value of SAR (measured) = 0.062 mW/g



SAR Plots Plot No.: 41#

Communication System: 4G Bands; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz;  $\sigma = 1.44 \text{ mho/m}$ ;  $\varepsilon_r = 39.33$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right 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

**Right Cheek/LTE Band 2 1RB Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.142 mW/g

Report No: RSZ170110007-20

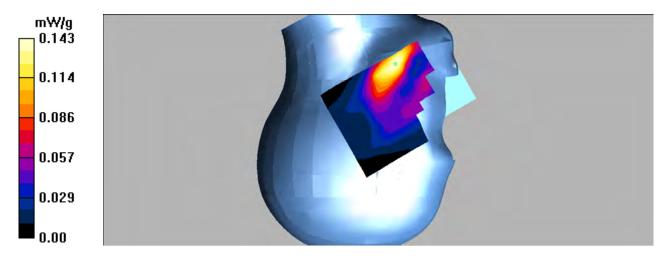
**Right Cheek/LTE Band 2 1RB Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.31 V/m; Power Drift = 0.152 dB

Peak SAR (extrapolated) = 0.198 W/kg

SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.080 mW/g

Maximum value of SAR (measured) = 0.143 mW/g



SAR Plots Plot No.: 42#

Communication System: 4G Bands; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1900 MHz;  $\sigma = 1.41$  mho/m;  $\epsilon r = 40.60$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right 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

**Right Cheek/LTE Band 2 50RB High/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.144 mW/g

Report No: RSZ170110007-20

#### Right Cheek/LTE Band 2 50RB High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

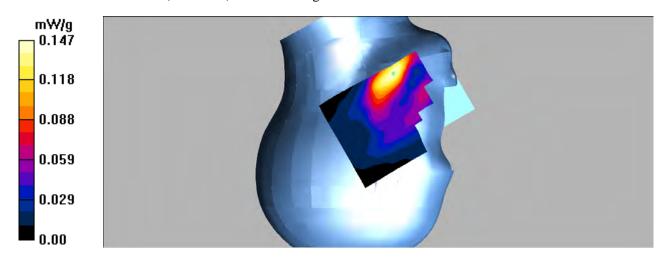
dy=5mm, dz=5mm

Reference Value = 3.35 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 0.200 W/kg

#### SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.081 mW/g

Maximum value of SAR (measured) = 0.147 mW/g



SAR Plots Plot No.: 43#

Communication System: 4G Bands; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz;  $\sigma = 1.44 \text{ mho/m}$ ;  $\varepsilon_r = 39.33$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right 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

**Right Tilt/LTE Band 2 1RB Mid/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.032 mW/g

Report No: RSZ170110007-20

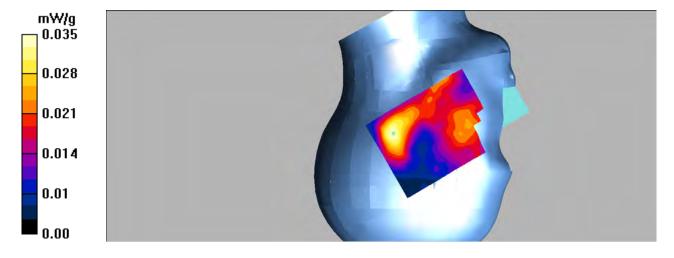
**Right Tilt/LTE Band 2 1RB Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.84 V/m; Power Drift = 0.060 dB

Peak SAR (extrapolated) = 0.041 W/kg

SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.019 mW/g

Maximum value of SAR (measured) = 0.035 mW/g



SAR Plots Plot No.: 44#

Communication System: 4G Bands; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1900 MHz;  $\sigma = 1.41 \text{ mho/m}$ ;  $\epsilon r = 40.60$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right 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

**Right Tilt/LTE Band 2 50RB High/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.032 mW/g

Report No: RSZ170110007-20

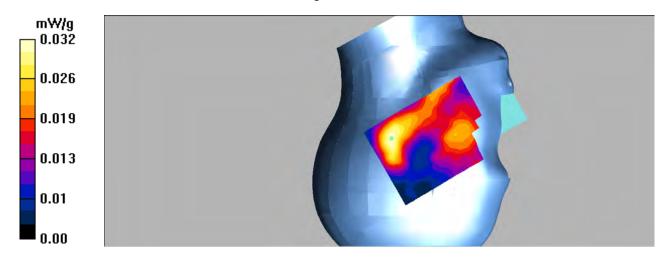
**Right Tilt/LTE Band 2 50RB High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.07 V/m; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 0.041 W/kg

SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.019 mW/g

Maximum value of SAR (measured) = 0.032 mW/g



SAR Plots Plot No.: 45#

Communication System: 4G Bands; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz;  $\sigma = 1.52 \text{ mho/m}$ ;  $\varepsilon_r = 52.49$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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

**Hotspot Back/LTE Band 2 1RB Mid/Area Scan (91x101x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.450 mW/g

Report No: RSZ170110007-20

#### Hotspot Back/LTE Band 2 1RB Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

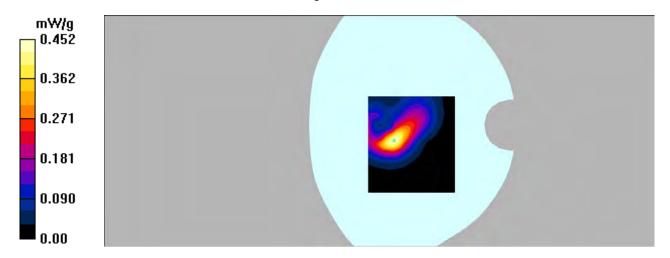
dy=5mm, dz=5mm

Reference Value = 13.3 V/m; Power Drift = -0.102 dB

Peak SAR (extrapolated) = 0.753 W/kg

#### SAR(1 g) = 0.397 mW/g; SAR(10 g) = 0.198 mW/g

Maximum value of SAR (measured) = 0.452 mW/g



SAR Plots Plot No.: 46#

Communication System: 4G Bands; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1900 MHz;  $\sigma = 1.54 \text{ mho/m}$ ;  $\epsilon r = 52.07$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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

**Hotspot Back/LTE Band 2 50RB High/Area Scan (91x101x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.438 mW/g

Report No: RSZ170110007-20

#### Hotspot Back/LTE Band 2 50RB High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

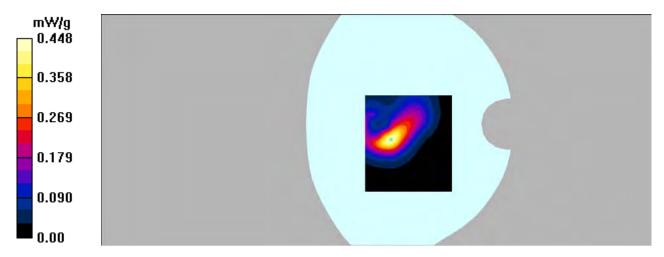
dy=5mm, dz=5mm

Reference Value = 12.9 V/m; Power Drift = 0.110 dB

Peak SAR (extrapolated) = 0.738 W/kg

#### SAR(1 g) = 0.389 mW/g; SAR(10 g) = 0.194 mW/g

Maximum value of SAR (measured) = 0.448 mW/g



SAR Plots Plot No.: 47#

Communication System: 4G Bands; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz;  $\sigma = 1.52$  mho/m;  $\varepsilon_r = 52.49$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Hotspot Right/LTE Band 2 1RB Mid/Area Scan (101x101x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.291 mW/g

Report No: RSZ170110007-20

#### Hotspot Right/LTE Band 2 1RB Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

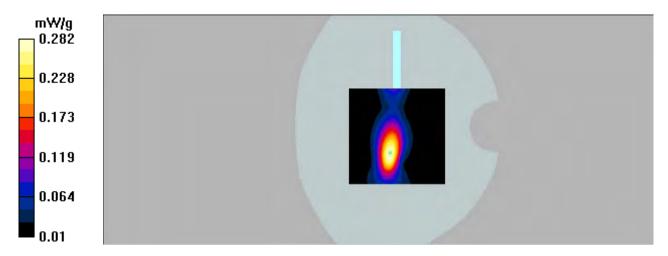
dy=5mm, dz=5mm

Reference Value = 8.56 V/m; Power Drift = 0.134 dB

Peak SAR (extrapolated) = 0.473 W/kg

#### SAR(1 g) = 0.251 mW/g; SAR(10 g) = 0.126 mW/g

Maximum value of SAR (measured) = 0.282 mW/g



SAR Plots Plot No.: 48#

Communication System: 4G Bands; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1900 MHz;  $\sigma = 1.54 \text{ mho/m}$ ;  $\epsilon r = 52.07$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Report No: RSZ170110007-20

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

# Hotspot Right/LTE Band 2 50RB High/Area Scan (101x101x1): Measurement grid: dx=10mm,

dy=10mm

Maximum value of SAR (interpolated) = 0.218 mW/g

#### Hotspot Right/LTE Band 2 50RB High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

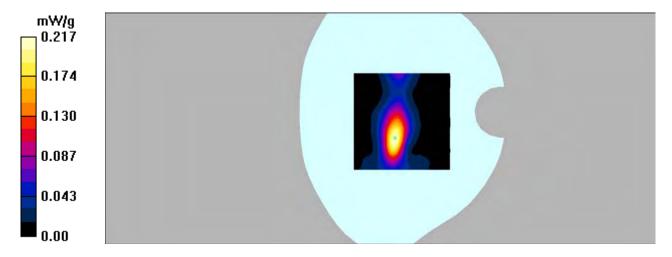
dy=5mm, dz=5mm

Reference Value = 7.51 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 0.363 W/kg

SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.096 mW/g

Maximum value of SAR (measured) = 0.217 mW/g



SAR Plots Plot No.: 49#

Report No: RSZ170110007-20

Communication System: 4G Bands; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz;  $\sigma = 1.52 \text{ mho/m}$ ;  $\varepsilon_r = 52.49$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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

## Hotspot Bottom/LTE Band 2 1RB Mid/Area Scan (101x121x1): Measurement grid: dx=10mm,

dy=10mm

Maximum value of SAR (interpolated) = 0.571 mW/g

#### Hotspot Bottom/LTE Band 2 1RB Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

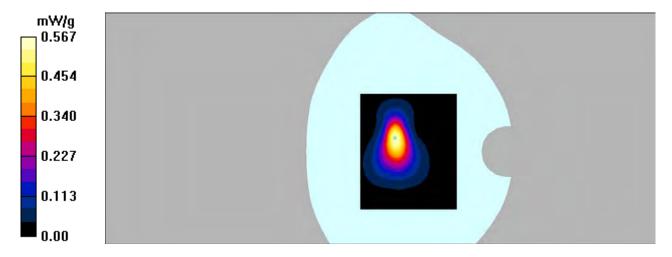
dy=5mm, dz=5mm

Reference Value = 12.8 V/m; Power Drift = 0.090 dB

Peak SAR (extrapolated) = 0.951 W/kg

SAR(1 g) = 0.507 mW/g; SAR(10 g) = 0.258 mW/g

Maximum value of SAR (measured) = 0.567 mW/g



SAR Plots Plot No.: 50#

Communication System: 4G Bands; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1900 MHz;  $\sigma = 1.54 \text{ mho/m}$ ;  $\epsilon r = 52.07$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Report No: RSZ170110007-20

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

# Hotspot Bottom/LTE Band 2 50RB High/Area Scan (91x101x1): Measurement grid: dx=10mm,

dy=10mm

Maximum value of SAR (interpolated) = 0.544 mW/g

#### Hotspot Bottom/LTE Band 2 50RB High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

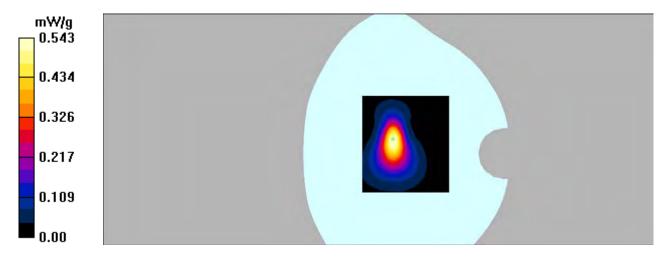
dy=5mm, dz=5mm

Reference Value = 12.6 V/m; Power Drift = 0.208 dB

Peak SAR (extrapolated) = 0.905 W/kg

SAR(1 g) = 0.487 mW/g; SAR(10 g) = 0.249 mW/g

Maximum value of SAR (measured) = 0.543 mW/g



SAR Plots Plot No.: 51#

Communication System: 4G Bands; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1720 MHz;  $\sigma = 1.37 \text{ mho/m}$ ;  $\epsilon r = 40.15$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(9.06, 9.06, 9.06); 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

**Left Cheek/LTE Band 4 1RB Low/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.036 mW/g

**Left Cheek/LTE Band 4 1RB Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

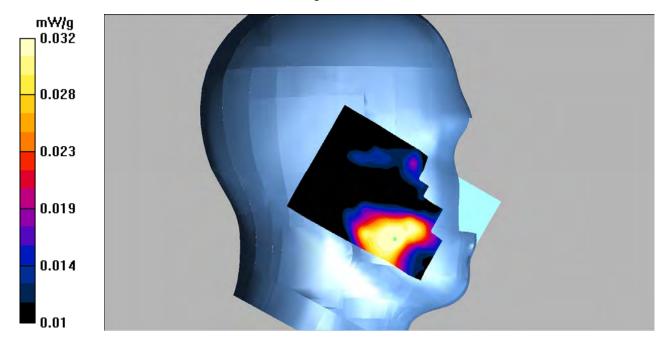
Report No: RSZ170110007-20

Reference Value = 2.13 V/m; Power Drift = 0.093 dB

Peak SAR (extrapolated) = 0.042 W/kg

SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.032 mW/g



SAR Plots Plot No.: 52#

Communication System: 4G Bands; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1745 MHz;  $\sigma = 1.39$  mho/m;  $\epsilon r = 40.01$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(9.06, 9.06, 9.06); 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

**Left Cheek/LTE Band 4 50RB High/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.098 mW/g

Report No: RSZ170110007-20

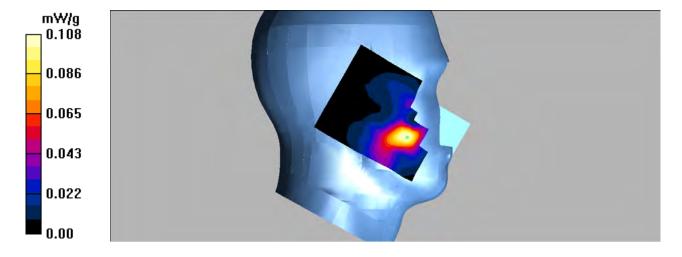
**Left Cheek/LTE Band 4 50RB High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.60 V/m; Power Drift = 0.086 dB

Peak SAR (extrapolated) = 0.159 W/kg

SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.047 mW/g

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



SAR Plots Plot No.: 53#

Communication System: 4G Bands; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1720 MHz;  $\sigma = 1.37 \text{ mho/m}$ ;  $\epsilon r = 40.15$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(9.06, 9.06, 9.06); 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

**Left Tilt/LTE Band 4 1RB Low/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.015 mW/g

Report No: RSZ170110007-20

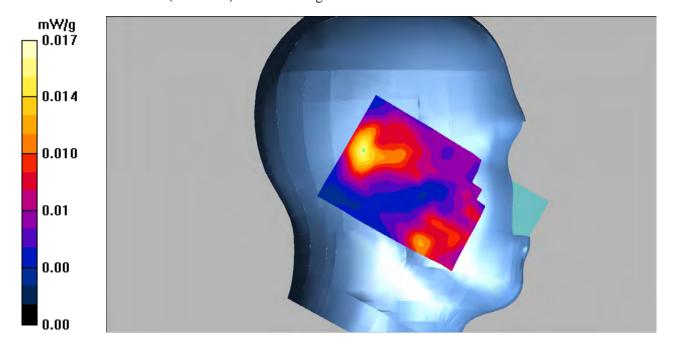
**Left Tilt/LTE Band 4 1RB Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.14 V/m; Power Drift = -0.102 dB

Peak SAR (extrapolated) = 0.035 W/kg

SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.011 mW/g

Maximum value of SAR (measured) = 0.017 mW/g



SAR Plots Plot No.: 54#

Communication System: 4G Bands; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1745 MHz;  $\sigma = 1.39$  mho/m;  $\epsilon r = 40.01$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(9.06, 9.06, 9.06); 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

**Left Tilt/LTE Band 4 50RB High/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.017 mW/g

**Left Tilt/LTE Band 4 50RB High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

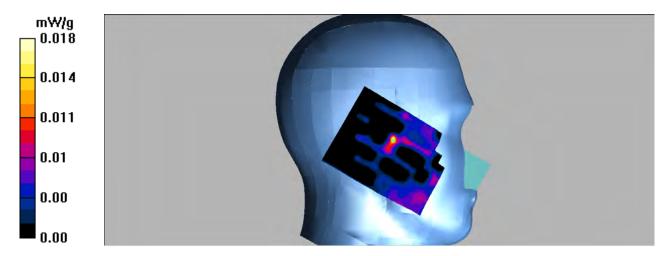
Report No: RSZ170110007-20

Reference Value = 1.81 V/m; Power Drift = 0.052 dB

Peak SAR (extrapolated) = 0.022 W/kg

SAR(1 g) = 0.00486 mW/g; SAR(10 g) = 0.00131 mW/g

Maximum value of SAR (measured) = 0.018 mW/g



SAR Plots Plot No.: 55#

Communication System: 4G Bands; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1720 MHz;  $\sigma = 1.37 \text{ mho/m}$ ;  $\epsilon r = 40.15$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(9.06, 9.06, 9.06); 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

**Right Cheek/LTE Band 4 1RB Low/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.041 mW/g

Report No: RSZ170110007-20

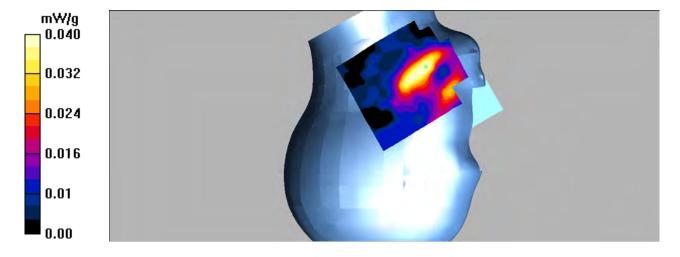
**Right Cheek/LTE Band 4 1RB Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.20 V/m; Power Drift = 0.137 dB

Peak SAR (extrapolated) = 0.099 W/kg

SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.024 mW/g

Maximum value of SAR (measured) = 0.040 mW/g



SAR Plots Plot No.: 56#

Communication System: 4G Bands; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1745 MHz;  $\sigma = 1.39$  mho/m;  $\epsilon r = 40.01$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(9.06, 9.06, 9.06); 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

**Right Cheek/LTE Band 4 50RB High/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.040 mW/g

Report No: RSZ170110007-20

#### Right Cheek/LTE Band 4 50RB High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

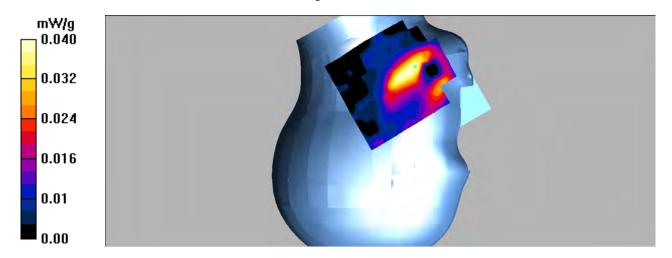
dy=5mm, dz=5mm

Reference Value = 2.27 V/m; Power Drift = 0.042 dB

Peak SAR (extrapolated) = 0.081 W/kg

SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.022 mW/g

Maximum value of SAR (measured) = 0.040 mW/g



SAR Plots Plot No.: 57#

Communication System: 4G Bands; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1720 MHz;  $\sigma = 1.37 \text{ mho/m}$ ;  $\epsilon r = 40.15$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(9.06, 9.06, 9.06); 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

**Right Tilt/LTE Band 4 1RB Low/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.019 mW/g

Report No: RSZ170110007-20

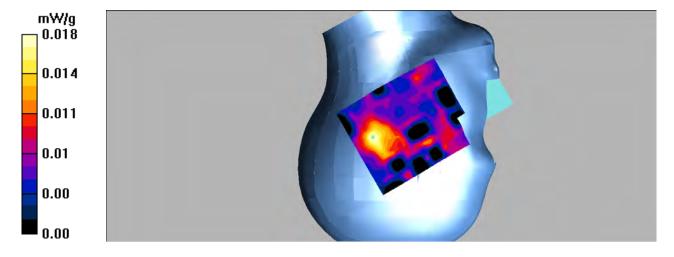
**Right Tilt/LTE Band 4 1RB Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.08 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.028 W/kg

SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.011 mW/g

Maximum value of SAR (measured) = 0.018 mW/g



SAR Plots Plot No.: 58#

Communication System: 4G Bands; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1745 MHz;  $\sigma = 1.39$  mho/m;  $\epsilon r = 40.01$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(9.06, 9.06, 9.06); 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

**Right Tilt/LTE Band 4 50RB High/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.015 mW/g

Report No: RSZ170110007-20

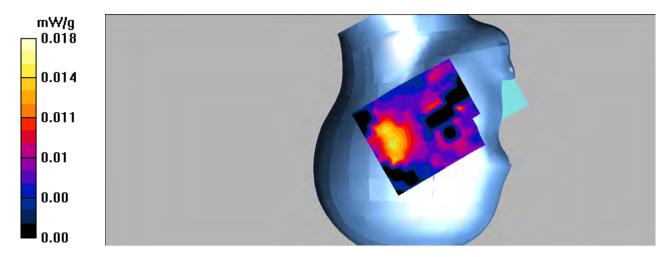
**Right Tilt/LTE Band 4 50RB High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.94 V/m; Power Drift = 0.109 dB

Peak SAR (extrapolated) = 0.031 W/kg

SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.010 mW/g

Maximum value of SAR (measured) = 0.018 mW/g



SAR Plots Plot No.: 59#

Communication System: 4G Bands; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1720 MHz;  $\sigma = 1.5 \text{ mho/m}$ ;  $\varepsilon_r = 53.43$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(8.65, 8.65, 8.65); 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

**Hotspot Back/LTE Band 4 1RB Low/Area Scan (91x101x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.192 mW/g

Report No: RSZ170110007-20

#### Hotspot Back/LTE Band 4 1RB Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

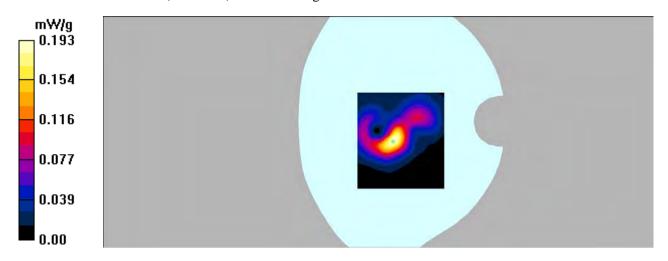
dy=5mm, dz=5mm

Reference Value = 7.02 V/m; Power Drift = 0.126 dB

Peak SAR (extrapolated) = 0.307 W/kg

#### SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.086 mW/g

Maximum value of SAR (measured) = 0.193 mW/g



SAR Plots Plot No.: 60#

Communication System: 4G Bands; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1745 MHz;  $\sigma = 1.5$  mho/m;  $\varepsilon_r = 53.43$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(8.65, 8.65, 8.65); 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

**Hotspot Back/LTE Band 4 50RB High/Area Scan (91x101x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.189 mW/g

Report No: RSZ170110007-20

#### Hotspot Back/LTE Band 4 50RB High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

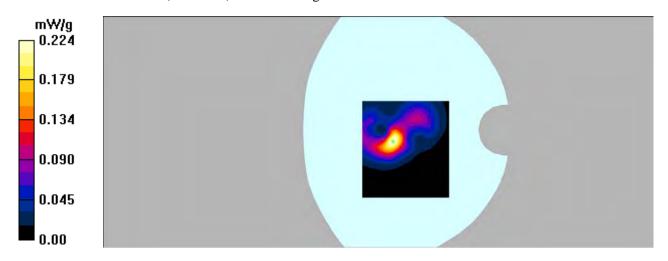
dy=5mm, dz=5mm

Reference Value = 7.77 V/m; Power Drift = -0.160 dB

Peak SAR (extrapolated) = 0.398 W/kg

#### SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.055 mW/g

Maximum value of SAR (measured) = 0.224 mW/g



SAR Plots Plot No.: 61#

Communication System: 4G Bands; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1720 MHz;  $\sigma = 1.5 \text{ mho/m}$ ;  $\varepsilon_r = 53.43$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(8.65, 8.65, 8.65); 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

**Hotspot Right/LTE Band 4 1RB Low/Area Scan (101x101x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.070 mW/g

Report No: RSZ170110007-20

#### Hotspot Right/LTE Band 4 1RB Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

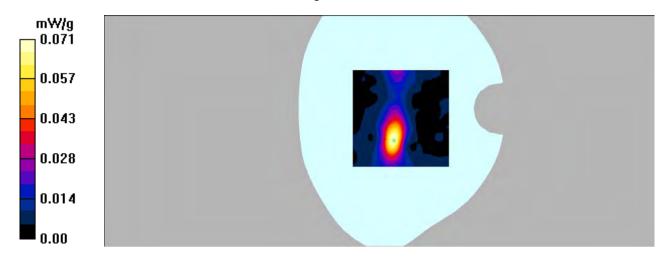
dy=5mm, dz=5mm

Reference Value = 3.65 V/m; Power Drift = -0.115 dB

Peak SAR (extrapolated) = 0.108 W/kg

#### SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.032 mW/g

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



SAR Plots Plot No.: 62#

Report No: RSZ170110007-20

Communication System: 4G Bands; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1745 MHz;  $\sigma = 1.5$  mho/m;  $\varepsilon_r = 53.43$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(8.65, 8.65, 8.65); 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

## Hotspot Right/LTE Band 4 50RB High/Area Scan (101x101x1): Measurement grid: dx=10mm,

dy=10mm

Maximum value of SAR (interpolated) = 0.055 mW/g

#### Hotspot Right/LTE Band 4 50RB High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

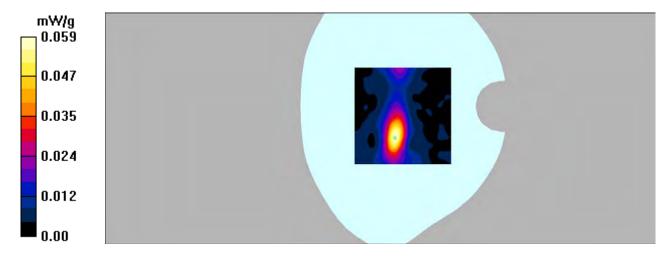
dy=5mm, dz=5mm

Reference Value = 3.32 V/m; Power Drift = -0.198 dB

Peak SAR (extrapolated) = 0.083 W/kg

SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.026 mW/g

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



SAR Plots Plot No.: 63#

Report No: RSZ170110007-20

Communication System: 4G Bands; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1720 MHz;  $\sigma = 1.5$  mho/m;  $\varepsilon_r = 53.43$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(8.65, 8.65, 8.65); 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

#### Hotspot Bottom/LTE Band 4 1RB Low/Area Scan (91x101x1): Measurement grid: dx=10mm,

dy=10mm

Maximum value of SAR (interpolated) = 0.216 mW/g

#### Hotspot Bottom/LTE Band 4 1RB Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

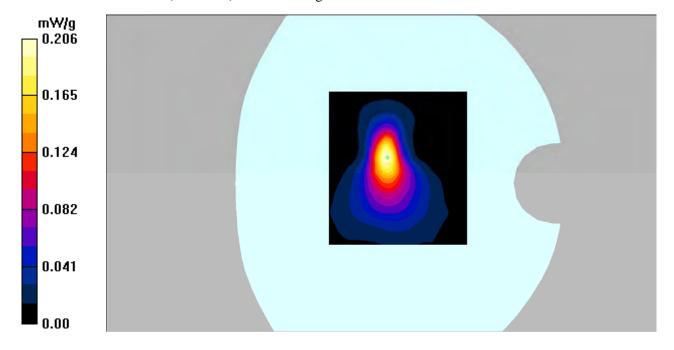
dy=5mm, dz=5mm

Reference Value = 8.84 V/m; Power Drift = -0.158 dB

Peak SAR (extrapolated) = 0.325 W/kg

SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.086 mW/g

Maximum value of SAR (measured) = 0.206 mW/g



SAR Plots Plot No.: 64#

Communication System: 4G Bands; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1745 MHz;  $\sigma = 1.5$  mho/m;  $\varepsilon_r = 53.43$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 SN7382; ConvF(8.65, 8.65, 8.65); 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

# **Hotspot Bottom/LTE Band 4 50RB High 2/Area Scan (91x101x1):** Measurement grid: dx=10mm, dy=10mm

Report No: RSZ170110007-20

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

## Hotspot Bottom/LTE Band 4 50RB High 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

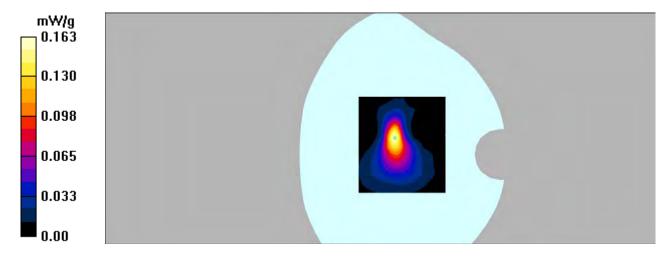
dy=5mm, dz=5mm

Reference Value = 7.86 V/m; Power Drift = -0.112 dB

Peak SAR (extrapolated) = 0.258 W/kg

SAR(1 g) = 0.137 mW/g; SAR(10 g) = 0.069 mW/g

Maximum value of SAR (measured) = 0.163 mW/g



SAR Plots Plot No.: 65#

Communication System: 4G Bands; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: f = 836.5 MHz;  $\sigma = 0.92 \text{ mho/m}$ ;  $\varepsilon_r = 41.86$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Left 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

**Left Cheek/LTE Band 5 1RB Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.059 mW/g

Report No: RSZ170110007-20

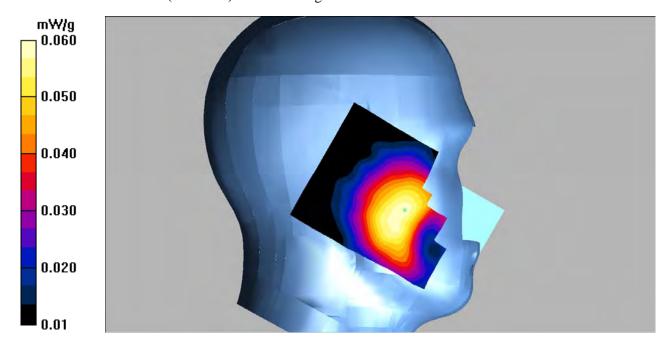
**Left Cheek/LTE Band 5 1RB Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.61 V/m; Power Drift = 0.074 dB

Peak SAR (extrapolated) = 0.064 W/kg

SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.047 mW/g

Maximum value of SAR (measured) = 0.060 mW/g



SAR Plots Plot No.: 66#

Communication System: 4G Bands; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: f = 836.5 MHz;  $\sigma = 0.92$  mho/m;  $\varepsilon_r = 41.86$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left 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

**Left Cheek/LTE Band 5 50RB Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.047 mW/g

Report No: RSZ170110007-20

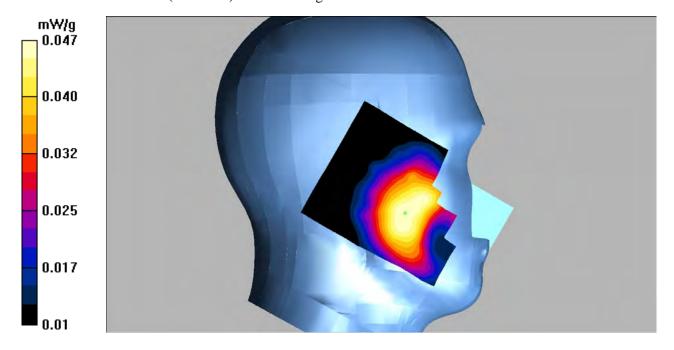
**Left Cheek/LTE Band 5 50RB Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.95 V/m; Power Drift = 0.194 dB

Peak SAR (extrapolated) = 0.051 W/kg

SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.037 mW/g

Maximum value of SAR (measured) = 0.047 mW/g



SAR Plots Plot No.: 67#

Communication System: 4G Bands; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: f = 836.5 MHz;  $\sigma = 0.92 \text{ mho/m}$ ;  $\varepsilon_r = 41.86$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Left 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

**Left Tilt/LTE Band 5 1RB Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.026 mW/g

Report No: RSZ170110007-20

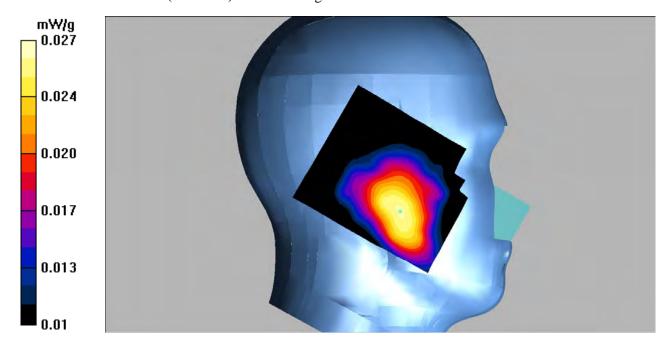
**Left Tilt/LTE Band 5 1RB Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.52 V/m; Power Drift = 0.148 dB

Peak SAR (extrapolated) = 0.028 W/kg

SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.021 mW/g

Maximum value of SAR (measured) = 0.027 mW/g



SAR Plots Plot No.: 68#

Communication System: 4G Bands; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: f = 836.5 MHz;  $\sigma = 0.92$  mho/m;  $\varepsilon_r = 41.86$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left 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

**Left Tilt/LTE Band 5 50RB Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.020 mW/g

Report No: RSZ170110007-20

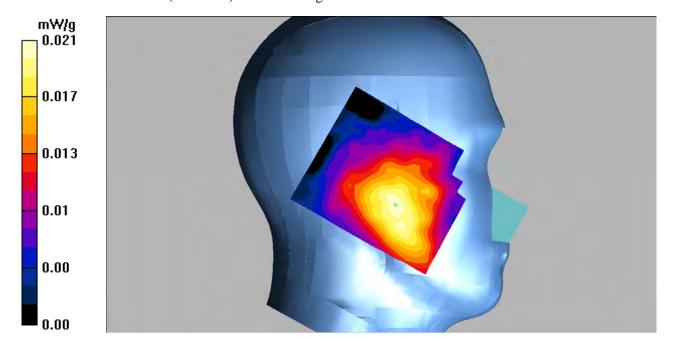
**Left Tilt/LTE Band 5 50RB Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.08 V/m; Power Drift = 0.131 dB

Peak SAR (extrapolated) = 0.021 W/kg

SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.021 mW/g



SAR Plots Plot No.: 69#

Communication System: 4G Bands; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: f = 836.5 MHz;  $\sigma = 0.92$  mho/m;  $\varepsilon_r = 41.86$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right 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

**Right Cheek/LTE Band 5 1RB Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.064 mW/g

Report No: RSZ170110007-20

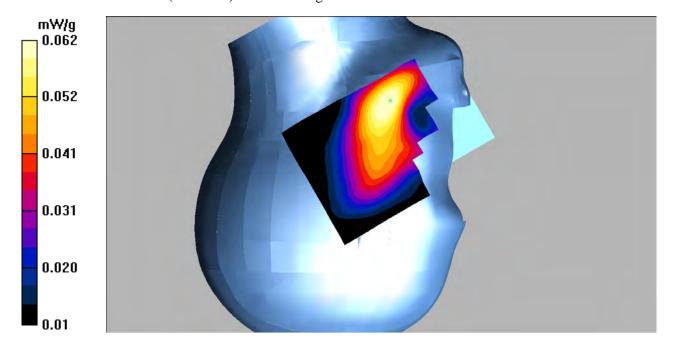
**Right Cheek/LTE Band 5 1RB Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.94 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 0.073 W/kg

SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.042 mW/g

Maximum value of SAR (measured) = 0.062 mW/g



SAR Plots Plot No.: 70#

Communication System: 4G Bands; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: f = 836.5 MHz;  $\sigma = 0.92$  mho/m;  $\varepsilon_r = 41.86$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right 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

**Right Cheek/LTE Band 5 50RB Mid/Area Scan (91x101x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.049 mW/g

Report No: RSZ170110007-20

#### Right Cheek/LTE Band 5 50RB Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

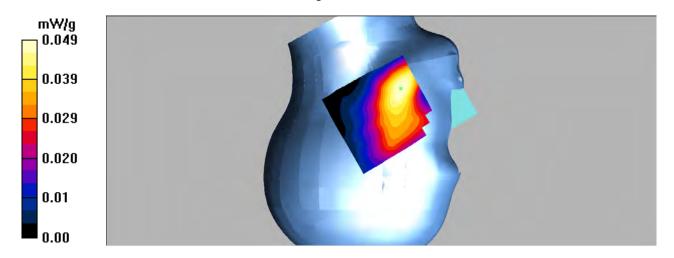
dy=5mm, dz=5mm

Reference Value = 2.18 V/m; Power Drift = 0.073 dB

Peak SAR (extrapolated) = 0.055 W/kg

#### SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.033 mW/g

Maximum value of SAR (measured) = 0.049 mW/g



SAR Plots Plot No.: 71#

Communication System: 4G Bands; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: f = 836.5 MHz;  $\sigma = 0.92$  mho/m;  $\varepsilon_r = 41.86$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right 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

**Right Tilt/LTE Band 5 1RB Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.026 mW/g

Report No: RSZ170110007-20

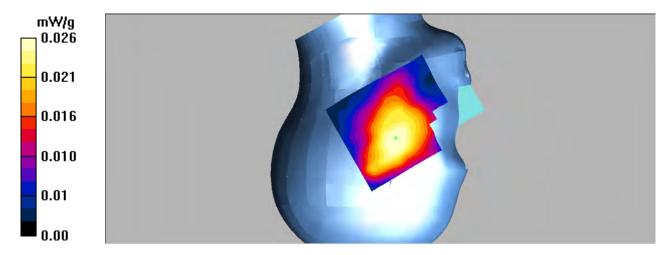
**Right Tilt/LTE Band 5 1RB Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.12 V/m; Power Drift = 0.026 dB

Peak SAR (extrapolated) = 0.030 W/kg

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.021 mW/g

Maximum value of SAR (measured) = 0.026 mW/g



SAR Plots Plot No.: 72#

Communication System: 4G Bands; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: f = 836.5 MHz;  $\sigma = 0.92 \text{ mho/m}$ ;  $\varepsilon_r = 41.86$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right 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

**Right Tilt/LTE Band 5 50RB Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.022 mW/g

Report No: RSZ170110007-20

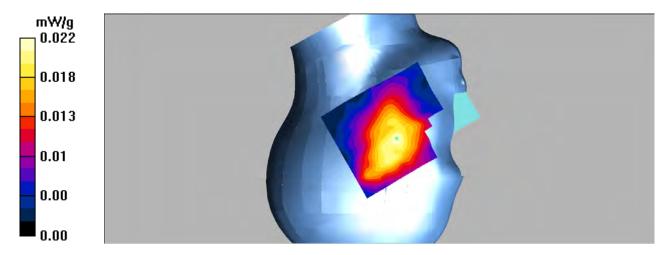
**Right Tilt/LTE Band 5 50RB Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.92 V/m; Power Drift = 0.168 dB

Peak SAR (extrapolated) = 0.022 W/kg

SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.022 mW/g



SAR Plots Plot No.: 73#

Communication System: 4G Bands; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: f = 836.5 MHz;  $\sigma = 0.96$  mho/m;  $\varepsilon_r = 55.47$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Hotspot Back/LTE Band 5 1RB Mid/Area Scan (91x101x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.162 mW/g

Report No: RSZ170110007-20

### Hotspot Back/LTE Band 5 1RB Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

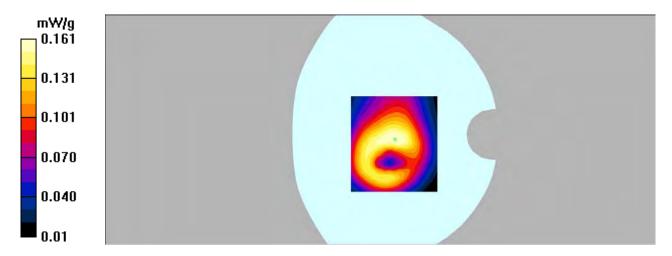
dy=5mm, dz=5mm

Reference Value = 12.9 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 0.208 W/kg

### SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.106 mW/g

Maximum value of SAR (measured) = 0.161 mW/g



SAR Plots Plot No.: 74#

Communication System: 4G Bands; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: f = 836.5 MHz;  $\sigma = 0.96 \text{ mho/m}$ ;  $\varepsilon_r = 55.47$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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

**Hotspot Back/LTE Band 5 50RB Mid/Area Scan (91x101x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.129 mW/g

Report No: RSZ170110007-20

### Hotspot Back/LTE Band 5 50RB Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

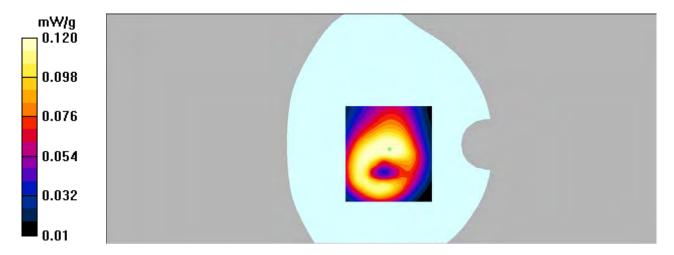
dy=5mm, dz=5mm

Reference Value = 11.4 V/m; Power Drift = -0.186 dB

Peak SAR (extrapolated) = 0.151 W/kg

SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.079 mW/g

Maximum value of SAR (measured) = 0.120 mW/g



SAR Plots Plot No.: 75#

Communication System: 4G Bands; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: f = 836.5 MHz;  $\sigma = 0.96$  mho/m;  $\varepsilon_r = 55.47$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Hotspot Right/LTE Band 5 1RB Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.025 mW/g

Report No: RSZ170110007-20

### Hotspot Right/LTE Band 5 1RB Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

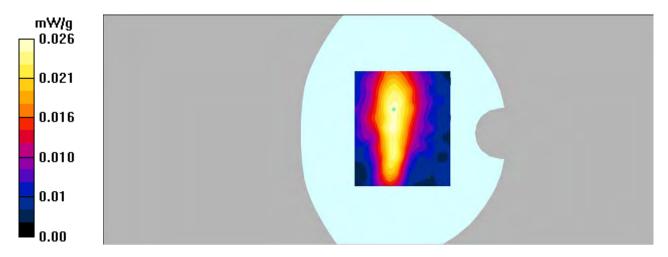
dy=5mm, dz=5mm

Reference Value = 4.57 V/m; Power Drift = 0.065 dB

Peak SAR (extrapolated) = 0.031 W/kg

### SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.018 mW/g

Maximum value of SAR (measured) = 0.026 mW/g



SAR Plots Plot No.: 76#

Communication System: 4G Bands; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: f = 836.5 MHz;  $\sigma = 0.96 \text{ mho/m}$ ;  $\varepsilon_r = 55.47$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Report No: RSZ170110007-20

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

# **Hotspot Right/LTE Band 5 50RB Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm,

dy=10mm

Maximum value of SAR (interpolated) = 0.021 mW/g

### Hotspot Right/LTE Band 5 50RB Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

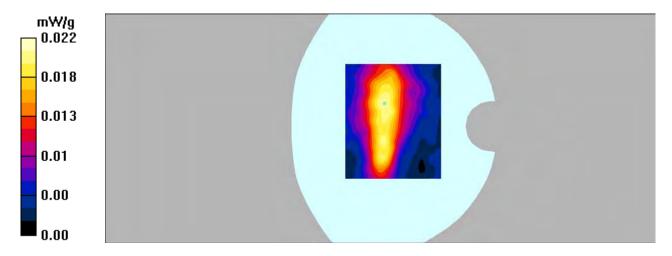
dy=5mm, dz=5mm

Reference Value = 4.12 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 0.028 W/kg

SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.022 mW/g



SAR Plots Plot No.: 77#

Communication System: 4G Bands; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: f = 836.5 MHz;  $\sigma = 0.96$  mho/m;  $\varepsilon_r = 55.47$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Hotspot Bottom/LTE Band 5 1RB Mid/Area Scan (91x101x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.133 mW/g

Report No: RSZ170110007-20

### Hotspot Bottom/LTE Band 5 1RB Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

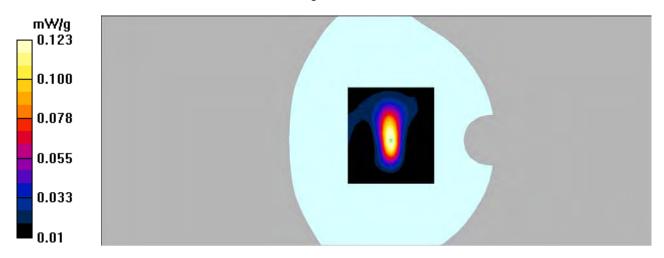
dy=5mm, dz=5mm

Reference Value = 11.3 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 0.182 W/kg

### SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.063 mW/g

Maximum value of SAR (measured) = 0.123 mW/g



SAR Plots Plot No.: 78#

Communication System: 4G Bands; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: f = 836.5 MHz;  $\sigma = 0.96$  mho/m;  $\varepsilon_r = 55.47$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Report No: RSZ170110007-20

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

## **Hotspot Bottom/LTE Band 5 50RB Mid/Area Scan (91x101x1):** Measurement grid: dx=10mm,

dy=10mm

Maximum value of SAR (interpolated) = 0.101 mW/g

### Hotspot Bottom/LTE Band 5 50RB Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

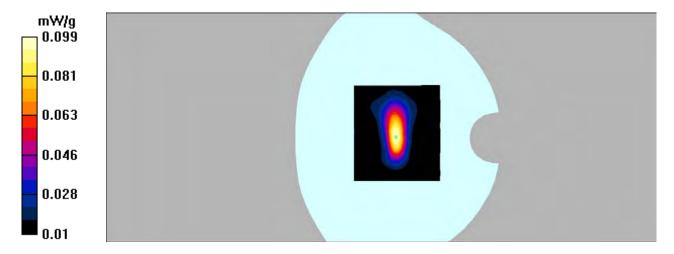
dy=5mm, dz=5mm

Reference Value = 9.84 V/m; Power Drift = 0.121 dB

Peak SAR (extrapolated) = 0.141 W/kg

SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.099 mW/g



SAR Plots Plot No.: 79#

Communication System: 4G Bands; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2560 MHz;  $\sigma = 1.92 \text{ mho/m}$ ;  $\epsilon r = 39.52$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(7.48, 7.48, 7.48); 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

**Left Cheek/LTE Band 7 1RB High/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.024 mW/g

Report No: RSZ170110007-20

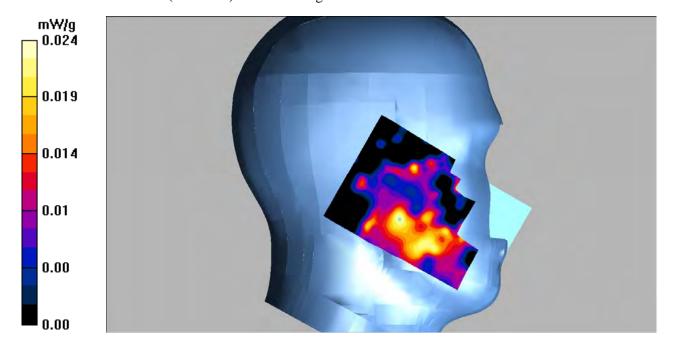
**Left Cheek/LTE Band 7 1RB High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.68 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.024 W/kg

SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.010 mW/g

Maximum value of SAR (measured) = 0.024 mW/g



SAR Plots Plot No.: 80#

Communication System: 4G Bands; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2535 MHz;  $\sigma = 1.9$  mho/m;  $\varepsilon_r = 39.31$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(7.48, 7.48, 7.48); 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

**Left Cheek/LTE Band 7 50RB Mid/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.032 mW/g

**Left Cheek/LTE Band 7 50RB Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

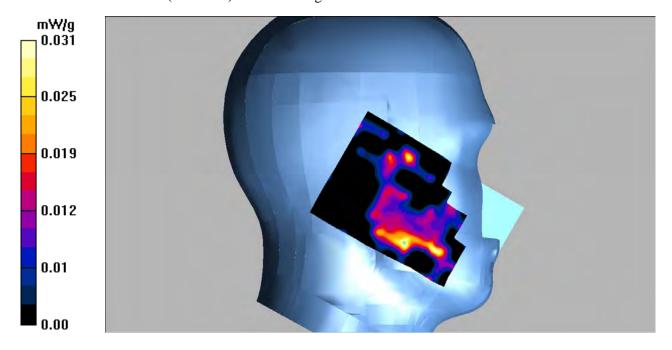
Report No: RSZ170110007-20

Reference Value = 1.78 V/m; Power Drift = 0.079 dB

Peak SAR (extrapolated) = 0.062 W/kg

SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00425 mW/g

Maximum value of SAR (measured) = 0.031 mW/g



SAR Plots Plot No.: 81#

Communication System: 4G Bands; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2560 MHz;  $\sigma = 1.92 \text{ mho/m}$ ;  $\epsilon r = 39.52$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(7.48, 7.48, 7.48); 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

**Left Tilt/LTE Band 7 1RB High/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.021 mW/g

Report No: RSZ170110007-20

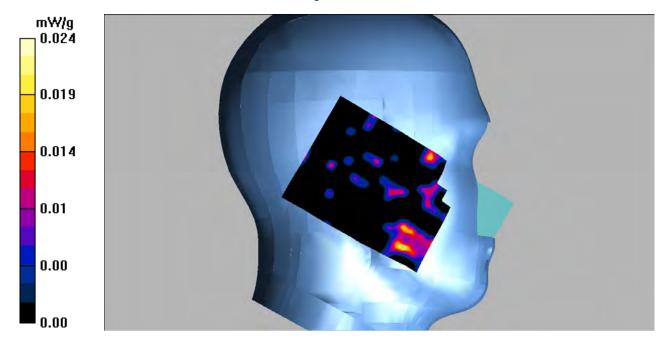
**Left Tilt/LTE Band 7 1RB High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.89 V/m; Power Drift = -0.134 dB

Peak SAR (extrapolated) = 0.050 W/kg

SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00439 mW/g

Maximum value of SAR (measured) = 0.024 mW/g



SAR Plots Plot No.: 82#

Communication System: 4G Bands; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2535 MHz;  $\sigma = 1.9$  mho/m;  $\varepsilon_r = 39.31$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 SN7382; ConvF(7.48, 7.48, 7.48); 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

**Left Tilt/LTE Band 7 50RB Mid/Area Scan (91x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.030 mW/g

Report No: RSZ170110007-20

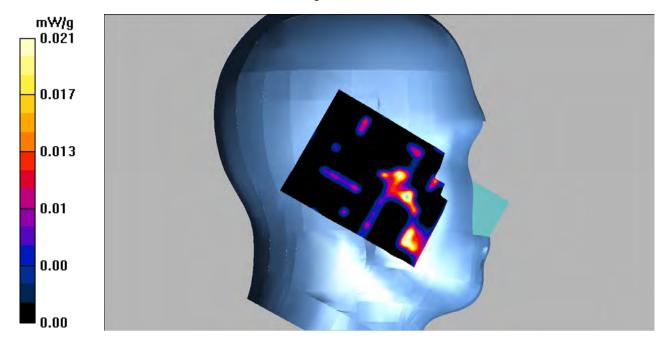
**Left Tilt/LTE Band 7 50RB Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.62 V/m; Power Drift = -0.096 dB

Peak SAR (extrapolated) = 0.041 W/kg

SAR(1 g) = 0.00905 mW/g; SAR(10 g) = 0.00324 mW/g

Maximum value of SAR (measured) = 0.021 mW/g



SAR Plots Plot No.: 83#

Communication System: 4G Bands; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2560 MHz;  $\sigma = 1.92 \text{ mho/m}$ ;  $\epsilon r = 39.52$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(7.48, 7.48, 7.48); 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

**Right Cheek/LTE Band 7 1RB High/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.024 mW/g

Report No: RSZ170110007-20

### Right Cheek/LTE Band 7 1RB High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

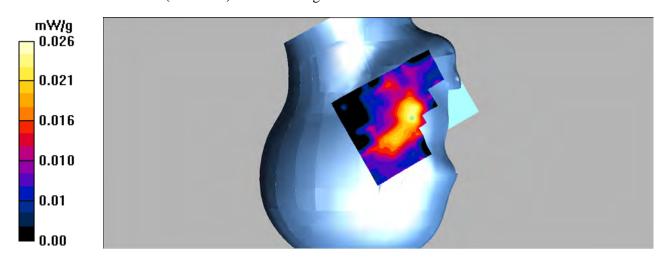
dy=5mm, dz=5mm

Reference Value = 1.61 V/m; Power Drift = 0.054 dB

Peak SAR (extrapolated) = 0.090 W/kg

### SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.026 mW/g



SAR Plots Plot No.: 84#

Communication System: 4G Bands; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2535 MHz;  $\sigma = 1.9$  mho/m;  $\varepsilon_r = 39.31$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(7.48, 7.48, 7.48); 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

**Right Cheek/LTE Band 7 50RB Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.023 mW/g

Report No: RSZ170110007-20

### Right Cheek/LTE Band 7 50RB Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

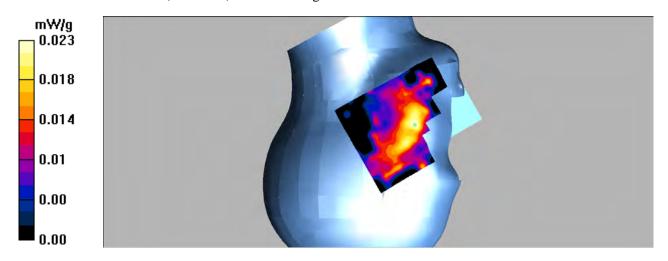
dy=5mm, dz=5mm

Reference Value = 1.78 V/m; Power Drift = 0.066 dB

Peak SAR (extrapolated) = 0.055 W/kg

### SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.00983 mW/g

Maximum value of SAR (measured) = 0.023 mW/g



SAR Plots Plot No.: 85#

Communication System: 4G Bands; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2560 MHz;  $\sigma = 1.92 \text{ mho/m}$ ;  $\epsilon r = 39.52$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(7.48, 7.48, 7.48); 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

**Right Tilt/LTE Band 7 1RB High/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.028 mW/g

Report No: RSZ170110007-20

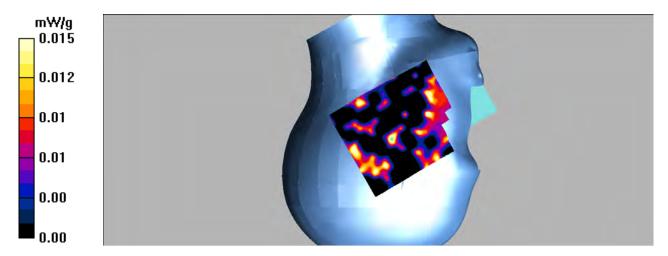
**Right Tilt/LTE Band 7 1RB High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.57 V/m; Power Drift = -0.079 dB

Peak SAR (extrapolated) = 0.019 W/kg

SAR(1 g) = 0.00225 mW/g; SAR(10 g) = 0.00103 mW/g

Maximum value of SAR (measured) = 0.015 mW/g



SAR Plots Plot No.: 86#

Communication System: 4G Bands; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2535 MHz;  $\sigma = 1.9$  mho/m;  $\varepsilon_r = 39.31$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(7.48, 7.48, 7.48); 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

**Right Tilt/LTE Band 7 50RB Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.022 mW/g

Report No: RSZ170110007-20

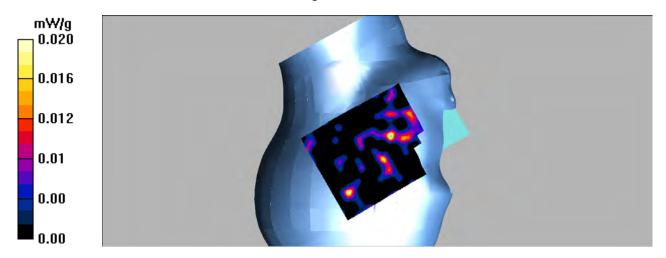
**Right Tilt/LTE Band 7 50RB Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.51 V/m; Power Drift = 0.142 dB

Peak SAR (extrapolated) = 0.028 W/kg

SAR(1 g) = 0.00542 mW/g; SAR(10 g) = 0.0012 mW/g

Maximum value of SAR (measured) = 0.020 mW/g



SAR Plots Plot No.: 87#

Communication System: 4G Bands; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2560 MHz;  $\sigma = 2.19 \text{ mho/m}$ ;  $\epsilon r = 52.85$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(7.59, 7.59, 7.59); 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

**Hotspot Back/LTE Band 7 1RB High/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.055 mW/g

Report No: RSZ170110007-20

### Hotspot Back/LTE Band 7 1RB High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

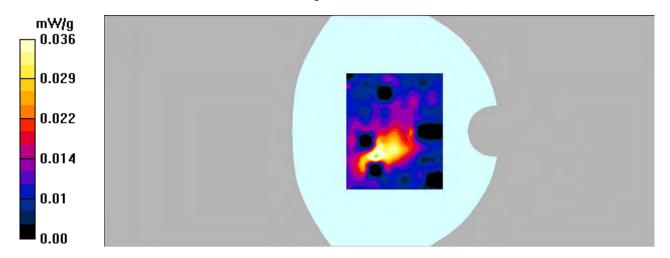
dy=5mm, dz=5mm

Reference Value = 3.09 V/m; Power Drift = -0.115 dB

Peak SAR (extrapolated) = 0.080 W/kg

### SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.036 mW/g



SAR Plots Plot No.: 88#

Communication System: 4G Bands; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2535 MHz;  $\sigma = 2.12$  mho/m;  $\varepsilon_r = 54.11$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(7.59, 7.59, 7.59); 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

**Hotspot Back/LTE Band 7 50RB Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.039 mW/g

Report No: RSZ170110007-20

### Hotspot Back/LTE Band 7 50RB Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

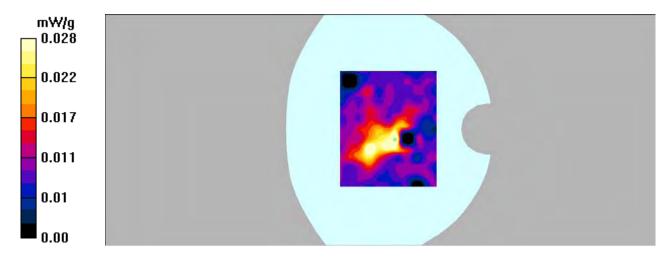
dy=5mm, dz=5mm

Reference Value = 3.12 V/m; Power Drift = -0.076 dB

Peak SAR (extrapolated) = 0.053 W/kg

### SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00557 mW/g

Maximum value of SAR (measured) = 0.028 mW/g



SAR Plots Plot No.: 89#

Communication System: 4G Bands; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2560 MHz;  $\sigma = 2.19 \text{ mho/m}$ ;  $\epsilon r = 52.85$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 – SN7382; ConvF(7.59, 7.59, 7.59); 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

**Hotspot Right/LTE Band 7 1RB High/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.015 mW/g

Report No: RSZ170110007-20

### Hotspot Right/LTE Band 7 1RB High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

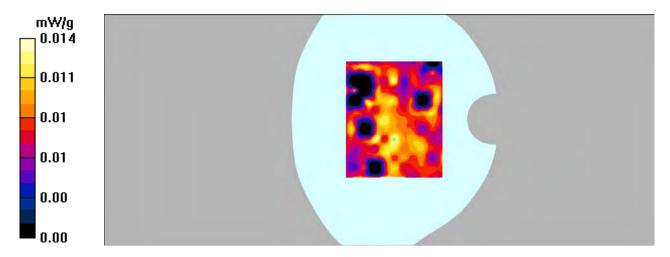
dy=5mm, dz=5mm

Reference Value = 2.49 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.042 W/kg

SAR(1 g) = 0.00632 mW/g; SAR(10 g) = 0.0022 mW/g

Maximum value of SAR (measured) = 0.014 mW/g



SAR Plots Plot No.: 90#

Report No: RSZ170110007-20

Communication System: 4G Bands; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2535 MHz;  $\sigma = 2.12$  mho/m;  $\varepsilon_r = 54.11$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 SN7382; ConvF(7.59, 7.59, 7.59); 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

# **Hotspot Right/LTE Band 7 50RB Mid/Area Scan (101x121x1):** Measurement grid: dx=10mm,

dy=10mm

Maximum value of SAR (interpolated) = 0.014 mW/g

### Hotspot Right/LTE Band 7 50RB Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

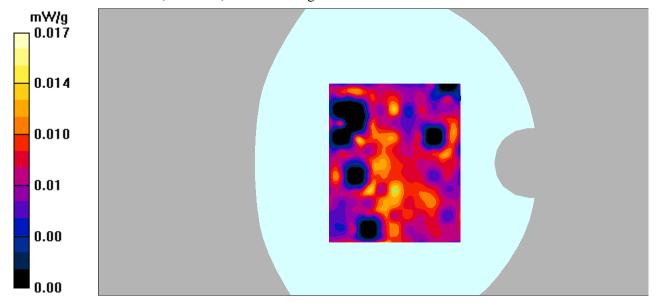
dy=5mm, dz=5mm

Reference Value = 2.11 V/m; Power Drift = 0.136 dB

Peak SAR (extrapolated) = 0.046 W/kg

SAR(1 g) = 0.00672 mW/g; SAR(10 g) = 0.0023 mW/g

Maximum value of SAR (measured) = 0.017 mW/g



SAR Plots Plot No.: 91#

Communication System: 4G Bands; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2560 MHz;  $\sigma = 2.19 \text{ mho/m}$ ;  $\epsilon r = 52.85$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Report No: RSZ170110007-20

Phantom section: Flat Section DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(7.59, 7.59, 7.59); 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

### Hotspot Bottom/LTE Band 7 1RB High/Area Scan (91x101x1): Measurement grid: dx=10mm,

dy=10mm

Maximum value of SAR (interpolated) = 0.031 mW/g

### Hotspot Bottom/LTE Band 7 1RB High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

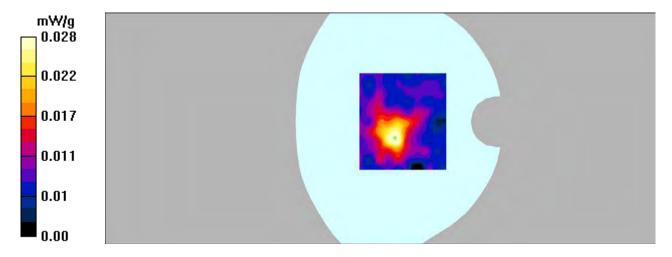
dy=5mm, dz=5mm

Reference Value = 3.54 V/m; Power Drift = -0.108 dB

Peak SAR (extrapolated) = 0.061 W/kg

SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.014 mW/g

Maximum value of SAR (measured) = 0.028 mW/g



SAR Plots Plot No.: 92#

Communication System: 4G Bands; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2535 MHz;  $\sigma = 2.12$  mho/m;  $\varepsilon_r = 54.11$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Report No: RSZ170110007-20

Phantom section: Flat Section DASY4 Configuration:

- Probe: EX3DV4 – SN7382; ConvF(7.59, 7.59, 7.59); 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

### Hotspot Bottom/LTE Band 7 50RB Mid/Area Scan (91x101x1): Measurement grid: dx=10mm,

dy=10mm

Maximum value of SAR (interpolated) = 0.021 mW/g

### Hotspot Bottom/LTE Band 7 50RB Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

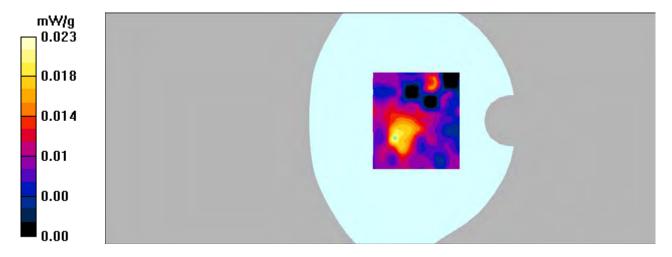
dy=5mm, dz=5mm

Reference Value = 2.58 V/m; Power Drift = 0.024 dB

Peak SAR (extrapolated) = 0.094 W/kg

SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.012 mW/g

Maximum value of SAR (measured) = 0.023 mW/g



SAR Plots Plot No.: 93#

Communication System: 4G Bands; Frequency: 709 MHz; Duty Cycle: 1:1

Medium parameters used: f = 709 MHz;  $\sigma = 0.90$  mho/m;  $\epsilon r = 43.05$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(11.04, 11.04, 11.04); 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

**Left Cheek/LTE Band 17 1RB Low/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.044 mW/g

Report No: RSZ170110007-20

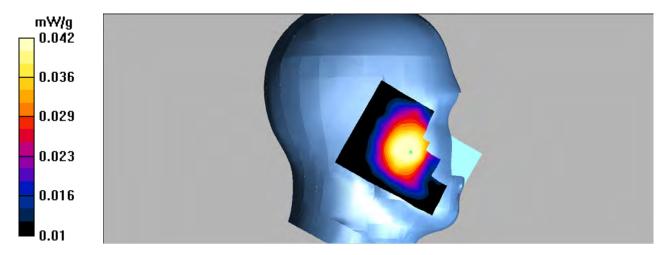
**Left Cheek/LTE Band 17 1RB Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.54 V/m; Power Drift = 0.077 dB

Peak SAR (extrapolated) = 0.046 W/kg

SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.033 mW/g

Maximum value of SAR (measured) = 0.042 mW/g



SAR Plots Plot No.: 94#

Communication System: 4G Bands; Frequency: 709 MHz; Duty Cycle: 1:1

Medium parameters used: f = 709 MHz;  $\sigma = 0.90$  mho/m;  $\epsilon r = 43.05$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(11.04, 11.04, 11.04); 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

**Left Cheek/LTE Band 17 50RB Low/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.059 mW/g

Report No: RSZ170110007-20

### Left Cheek/LTE Band 17 50RB Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

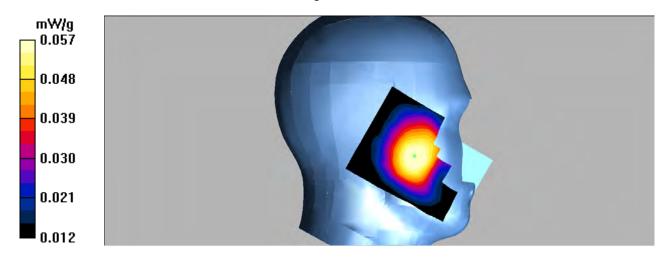
dy=5mm, dz=5mm

Reference Value = 2.48 V/m; Power Drift = 0.130 dB

Peak SAR (extrapolated) = 0.061 W/kg

### SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.046 mW/g

Maximum value of SAR (measured) = 0.057 mW/g



SAR Plots Plot No.: 95#

Communication System: 4G Bands; Frequency: 709 MHz; Duty Cycle: 1:1

Medium parameters used: f = 709 MHz;  $\sigma = 0.90$  mho/m;  $\epsilon r = 43.05$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(11.04, 11.04, 11.04); 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

**Left Tilt/LTE Band 17 1RB Low/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.019 mW/g

Report No: RSZ170110007-20

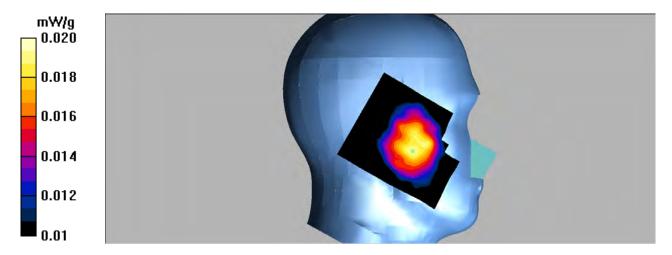
**Left Tilt/LTE Band 17 1RB Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.72 V/m; Power Drift = 0.042 dB

Peak SAR (extrapolated) = 0.021 W/kg

SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.020 mW/g



SAR Plots Plot No.: 96#

Communication System: 4G Bands; Frequency: 709 MHz; Duty Cycle: 1:1

Medium parameters used: f = 709 MHz;  $\sigma = 0.90$  mho/m;  $\epsilon r = 43.05$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(11.04, 11.04, 11.04); 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

**Left Tilt/LTE Band 17 50RB Low/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.028 mW/g

Report No: RSZ170110007-20

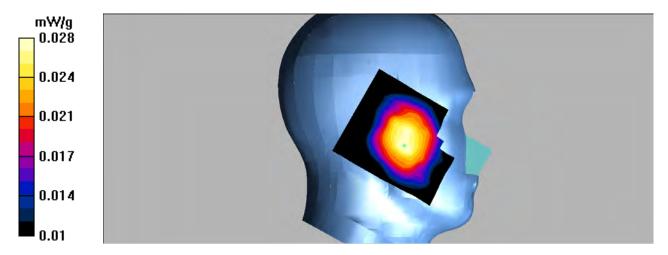
**Left Tilt/LTE Band 17 50RB Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.69 V/m; Power Drift = 0.118 dB

Peak SAR (extrapolated) = 0.030 W/kg

SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.028 mW/g



SAR Plots Plot No.: 97#

Communication System: 4G Bands; Frequency: 709 MHz; Duty Cycle: 1:1

Medium parameters used: f = 709 MHz;  $\sigma = 0.90$  mho/m;  $\epsilon r = 43.05$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(11.04, 11.04, 11.04); 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

**Right Cheek/LTE Band 17 1RB Low/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.044 mW/g

Report No: RSZ170110007-20

### Right Cheek/LTE Band 17 1RB Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

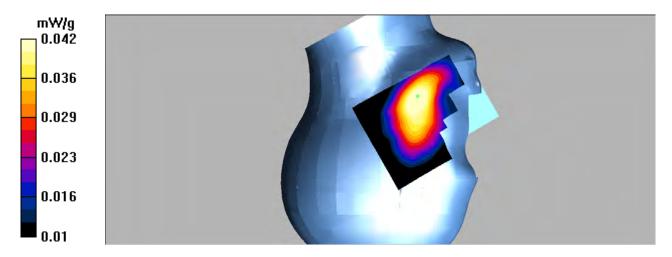
dy=5mm, dz=5mm

Reference Value = 1.55 V/m; Power Drift = 0.088 dB

Peak SAR (extrapolated) = 0.048 W/kg

### SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.031 mW/g

Maximum value of SAR (measured) = 0.042 mW/g



SAR Plots Plot No.: 98#

Report No: RSZ170110007-20

Communication System: 4G Bands; Frequency: 709 MHz; Duty Cycle: 1:1

Medium parameters used: f = 709 MHz;  $\sigma = 0.90$  mho/m;  $\epsilon r = 43.05$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(11.04, 11.04, 11.04); 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

### Right Cheek/LTE Band 17 50RB Low/Area Scan (101x121x1): Measurement grid: dx=10mm,

dy=10mm

Maximum value of SAR (interpolated) = 0.060 mW/g

### Right Cheek/LTE Band 17 50RB Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

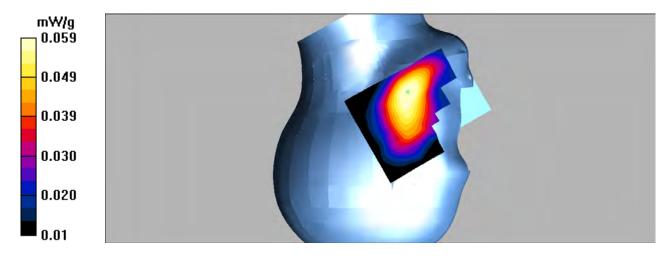
dy=5mm, dz=5mm

Reference Value = 2.15 V/m; Power Drift = 0.058 dB

Peak SAR (extrapolated) = 0.066 W/kg

SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.043 mW/g

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



SAR Plots Plot No.: 99#

Communication System: 4G Bands; Frequency: 709 MHz; Duty Cycle: 1:1

Medium parameters used: f = 709 MHz;  $\sigma = 0.90$  mho/m;  $\epsilon r = 43.05$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(11.04, 11.04, 11.04); 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

**Right Tilt/LTE Band 17 1RB Low/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.022 mW/g

Report No: RSZ170110007-20

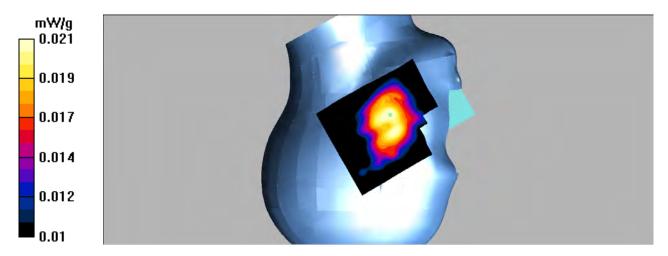
**Right Tilt/LTE Band 17 1RB Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.25 V/m; Power Drift = 0.139 dB

Peak SAR (extrapolated) = 0.021 W/kg

SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.021 mW/g



SAR Plots Plot No.: 100#

Communication System: 4G Bands; Frequency: 709 MHz; Duty Cycle: 1:1

Medium parameters used: f = 709 MHz;  $\sigma = 0.90$  mho/m;  $\epsilon r = 43.05$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(11.04, 11.04, 11.04); 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

**Right Tilt/LTE Band 17 50RB Low/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.029 mW/g

Report No: RSZ170110007-20

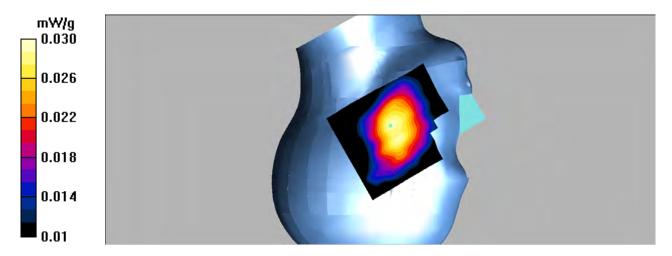
**Right Tilt/LTE Band 17 50RB Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.72 V/m; Power Drift = 0.200 dB

Peak SAR (extrapolated) = 0.031 W/kg

SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.024 mW/g

Maximum value of SAR (measured) = 0.030 mW/g



SAR Plots Plot No.: 101#

Communication System: 4G Bands; Frequency: 709 MHz; Duty Cycle: 1:1

Medium parameters used: f = 709 MHz;  $\sigma = 0.97$  mho/m;  $\varepsilon r = 56.71$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 SN7382; ConvF(10.94, 10.94, 10.94); 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

### Hotspot Back/LTE Band 17 1RB Low/Area Scan (101x121x1): Measurement grid: dx=10mm,

dy=10mm

Maximum value of SAR (interpolated) = 0.139 mW/g

### Hotspot Back/LTE Band 17 1RB Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

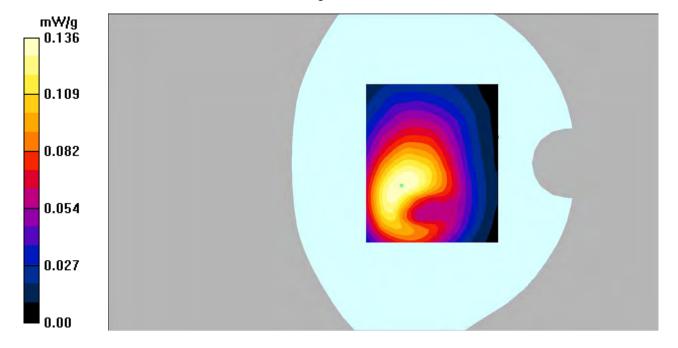
dy=5mm, dz=5mm

Reference Value = 9.97 V/m; Power Drift = 0.062 dB

Peak SAR (extrapolated) = 0.180 W/kg

SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.091 mW/g

Maximum value of SAR (measured) = 0.136 mW/g



SAR Plots Plot No.: 102#

Report No: RSZ170110007-20

Communication System: 4G Bands; Frequency: 709 MHz; Duty Cycle: 1:1

Medium parameters used: f = 709 MHz;  $\sigma = 0.97$  mho/m;  $\epsilon r = 56.71$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 SN7382; ConvF(10.94, 10.94, 10.94); 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

# Hotspot Back/LTE Band 17 50RB Low/Area Scan (101x121x1): Measurement grid: dx=10mm,

dy=10mm

Maximum value of SAR (interpolated) = 0.110 mW/g

### Hotspot Back/LTE Band 17 50RB Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

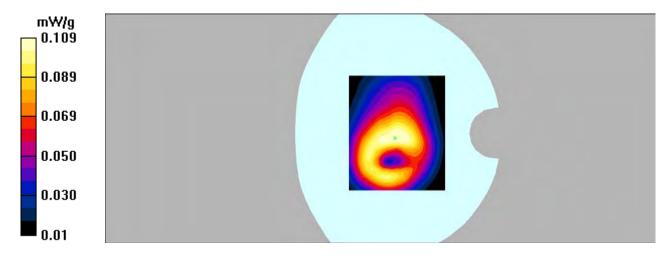
dy=5mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = -0.174 dB

Peak SAR (extrapolated) = 0.139 W/kg

SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.072 mW/g

Maximum value of SAR (measured) = 0.109 mW/g



SAR Plots Plot No.: 103#

Communication System: 4G Bands; Frequency: 709 MHz; Duty Cycle: 1:1

Medium parameters used: f = 709 MHz;  $\sigma = 0.97$  mho/m;  $\epsilon r = 56.71$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section DASY4 Configuration:

- Probe: EX3DV4 – SN7382; ConvF(10.94, 10.94, 10.94); 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/LTE Band 17 Low/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.040 mW/g

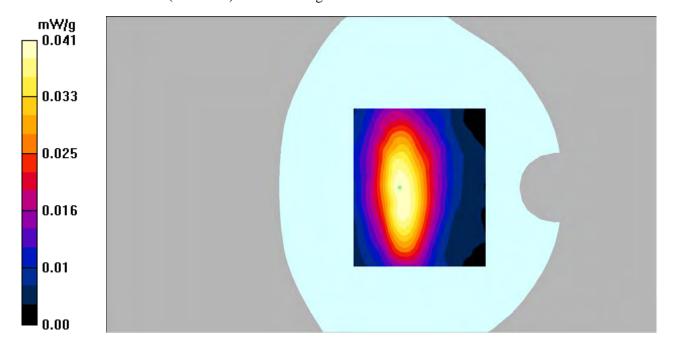
**Body right/LTE Band 17 Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.11 V/m; Power Drift = -0.103 dB

Peak SAR (extrapolated) = 0.049 W/kg

SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.028 mW/g

Maximum value of SAR (measured) = 0.041 mW/g



SAR Plots Plot No.: 104#

Communication System: 4G Bands; Frequency: 709 MHz; Duty Cycle: 1:1

Medium parameters used: f = 709 MHz;  $\sigma = 0.97$  mho/m;  $\epsilon r = 56.71$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section DASY4 Configuration:

- Probe: EX3DV4 – SN7382; ConvF(10.94, 10.94, 10.94); 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/LTE Band 17 50RB Low/Area Scan (101x121x1):** Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.027 mW/g

### Body right/LTE Band 17 50RB Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

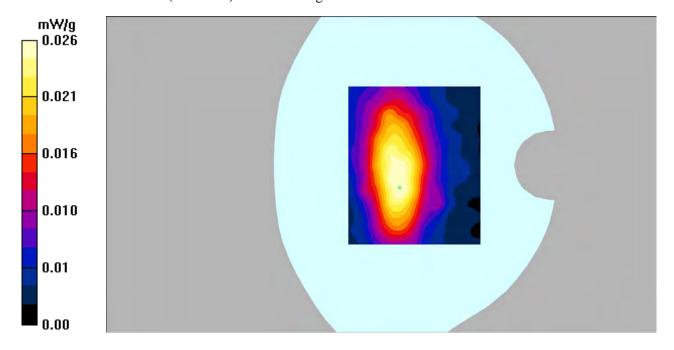
dy=5mm, dz=5mm

Reference Value = 4.60 V/m; Power Drift = 0.061 dB

Peak SAR (extrapolated) = 0.031 W/kg

### SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.018 mW/g

Maximum value of SAR (measured) = 0.026 mW/g



SAR Plots Plot No.: 105#

Report No: RSZ170110007-20

Communication System: 4G Bands; Frequency: 709 MHz; Duty Cycle: 1:1

Medium parameters used: f = 709 MHz;  $\sigma = 0.97$  mho/m;  $\varepsilon r = 56.71$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(10.94, 10.94, 10.94); 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

# **Hotspot Bottom/LTE Band 17 1RB Low/Area Scan (91x101x1):** Measurement grid: dx=10mm,

dy=10mm

Maximum value of SAR (interpolated) = 0.050 mW/g

### Hotspot Bottom/LTE Band 17 1RB Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

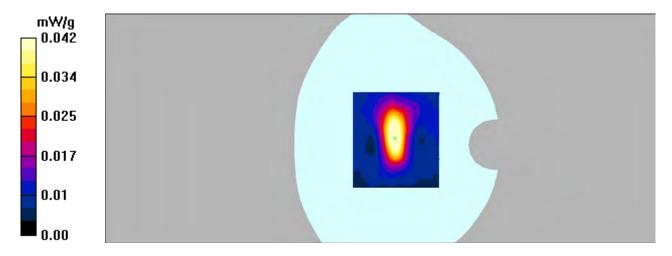
dy=5mm, dz=5mm

Reference Value = 7.72 V/m; Power Drift = -0.148 dB

Peak SAR (extrapolated) = 0.063 W/kg

SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.042 mW/g



SAR Plots Plot No.: 106#

Communication System: 4G Bands; Frequency: 709 MHz; Duty Cycle: 1:1

Medium parameters used: f = 709 MHz;  $\sigma = 0.97$  mho/m;  $\epsilon r = 56.71$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section DASY4 Configuration:

- Probe: EX3DV4 - SN7382; ConvF(10.94, 10.94, 10.94); 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

# **Hotspot Bottom/LTE Band 17 50RB Low/Area Scan (91x101x1):** Measurement grid: dx=10mm,

Report No: RSZ170110007-20

dy=10mm

Maximum value of SAR (interpolated) = 0.056 mW/g

### Hotspot Bottom/LTE Band 17 50RB Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

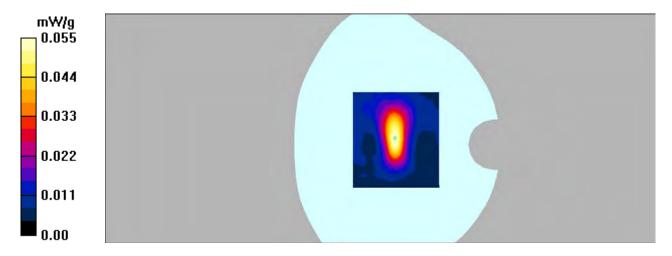
dy=5mm, dz=5mm

Reference Value = 7.25 V/m; Power Drift = 0.167 dB

Peak SAR (extrapolated) = 0.077 W/kg

SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.029 mW/g

Maximum value of SAR (measured) = 0.055 mW/g



SAR Plots Plot No.: 107#