

## Appendix B. MEASUREMENT SCANS

Date: 2015.09.28

## Le Max GSM850 Head Right Cheek Mid

### Medium: HSL900

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz);

Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.91$  mho/m;  $\epsilon_r = 41.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: ES3DV3 - SN3203; ConvF(6.55, 6.55, 6.55); Calibrated: 2014.12.19.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

**GSM 850\_Right Cheek/Mid/Area Scan (61x61x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Reference Value = 2.952 V/m; Power Drift = 0.09 dB

**Fast SAR: SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.023 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.0412 W/kg

**GSM 850\_Right Cheek/Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

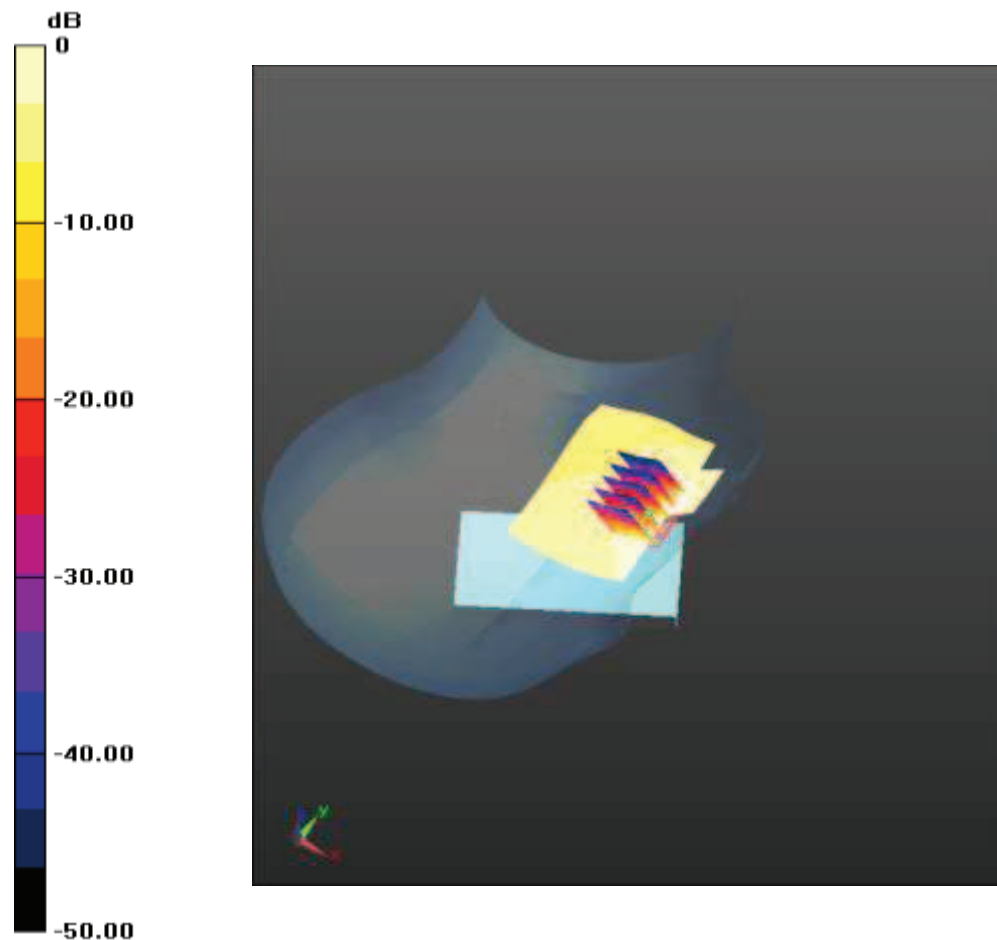
Reference Value = 2.952 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.045 mW/g

**SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.025 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0402 W/kg



0 dB = 0.0412 W/kg = -27.71 dB W/kg

Date: 2015.09.28

## Le Max GPRS850 Body Hotspot Back Side Mid

### Medium: MSL900

Communication System: GPRS 3 Tx slots; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz; Duty Cycle: 1:2.77

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.99$  mho/m;  $\epsilon_r = 55.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: ES3DV3 - SN3203; ConvF(6.2, 6.2, 6.2); Calibrated: 2014.12.19.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

**GSM 850\_Back/Mid/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 9.384 V/m; Power Drift = 0.11 dB

**Fast SAR: SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.132 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.240 W/kg

**GSM 850\_Back/Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

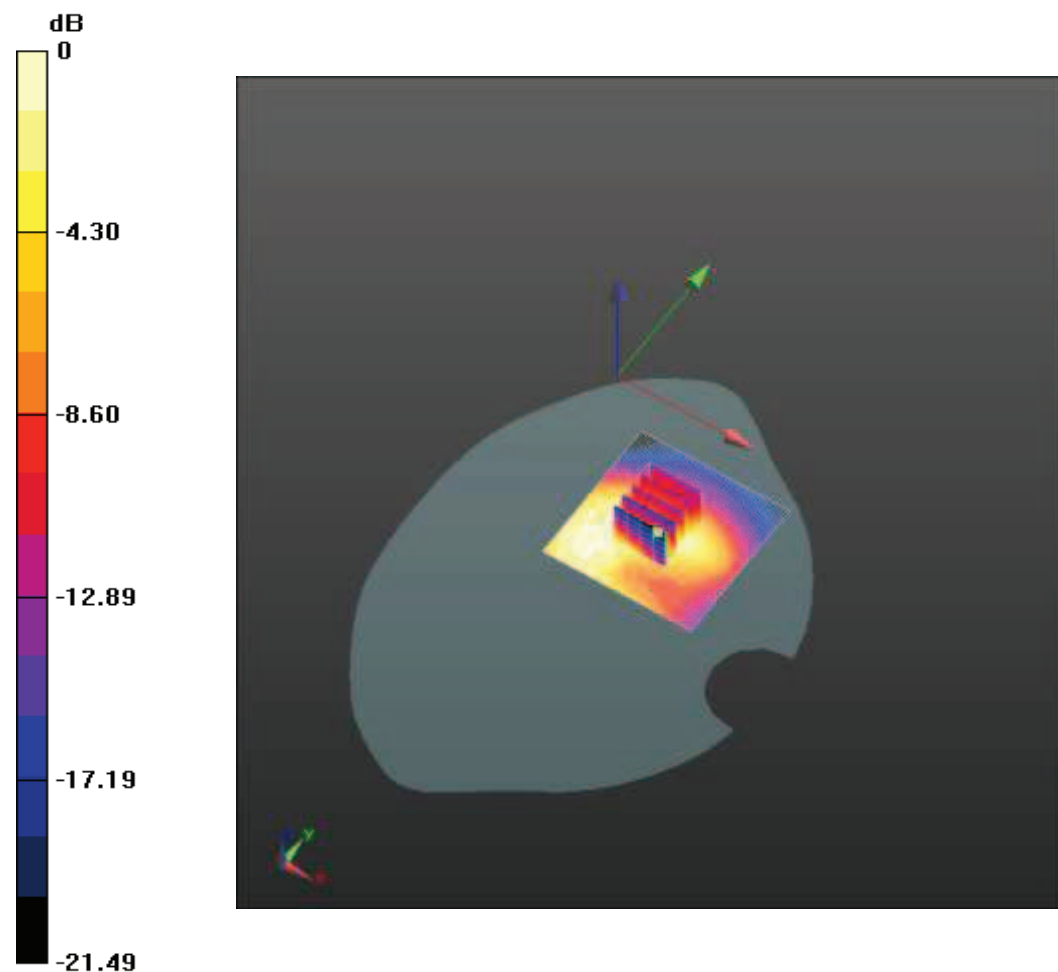
Reference Value = 9.384 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.435 mW/g

**SAR(1 g) = 0.243 mW/g; SAR(10 g) = 0.137 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.253 W/kg



0 dB = 0.240 W/kg = -12.40 dB W/kg

Date: 2015.10.10.

## Le Max GSM850 Body Worn Back Side Mid

### Medium: MSL900

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz);

Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.99$  mho/m;  $\epsilon_r = 55.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: ES3DV3 - SN3203; ConvF(6.2, 6.2, 6.2); Calibrated: 2014.12.19.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

**GSM 850\_Back 15mm/Mid/Area Scan (61x61x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Reference Value = 9.384 V/m; Power Drift = 0.11 dB

**Fast SAR: SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.051 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.0928 W/kg

**GSM 850\_Back 15mm/Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

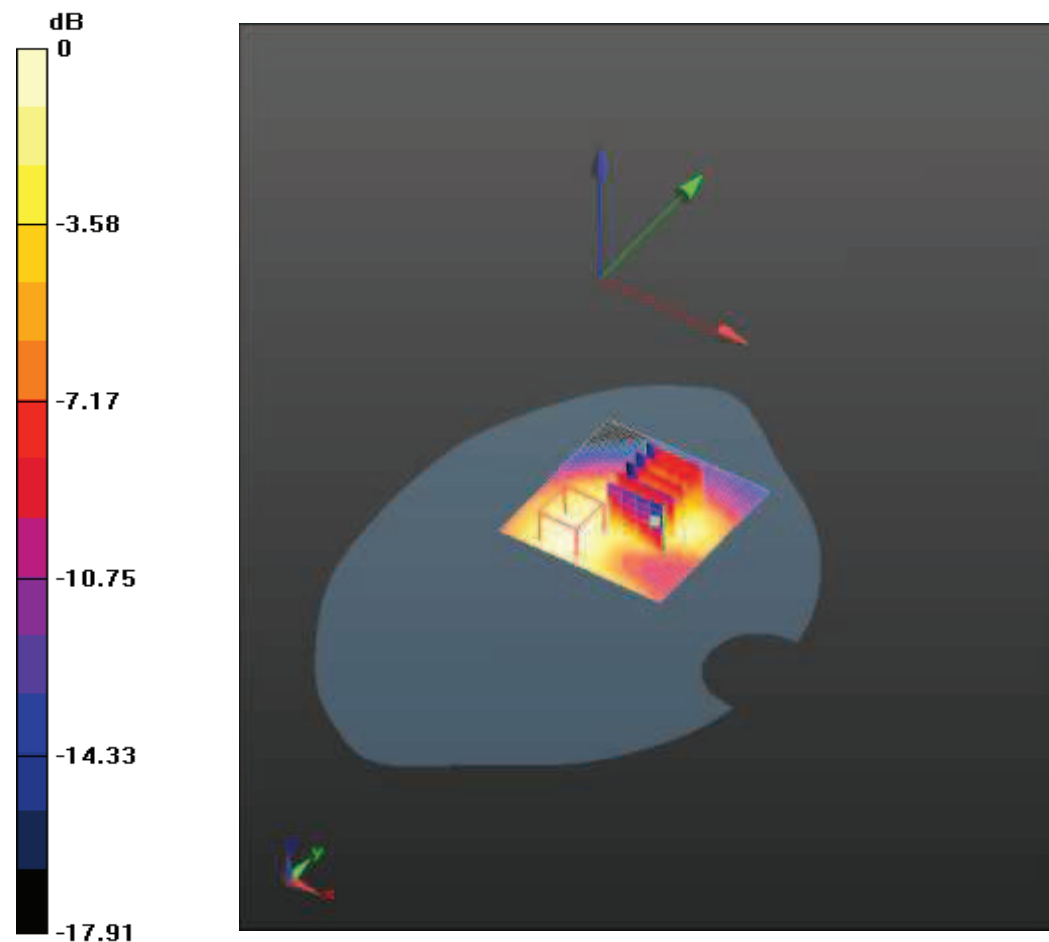
Reference Value = 9.384 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.151 mW/g

**SAR(1 g) = 0.091 mW/g; SAR(10 g) = 0.053 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0908 W/kg



0 dB = 0.0928 W/kg = -20.65 dB W/kg

Date: 2015.09.29

## Le Max GSM1900 Head Right Cheek High

### Medium: HSL1900

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium parameters used:  $f = 1909.8$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 40.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(7.96, 7.96, 7.96); Calibrated: 2015.07.24.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

**1900\_Right GSM Head/1900 GSM Cheek-High/Area Scan (51x51x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Reference Value = 9.951 V/m; Power Drift = -0.05 dB

**Fast SAR: SAR(1 g) = 0.823 mW/g; SAR(10 g) = 0.442 mW/g**

Maximum value of SAR (interpolated) = 0.972 W/kg

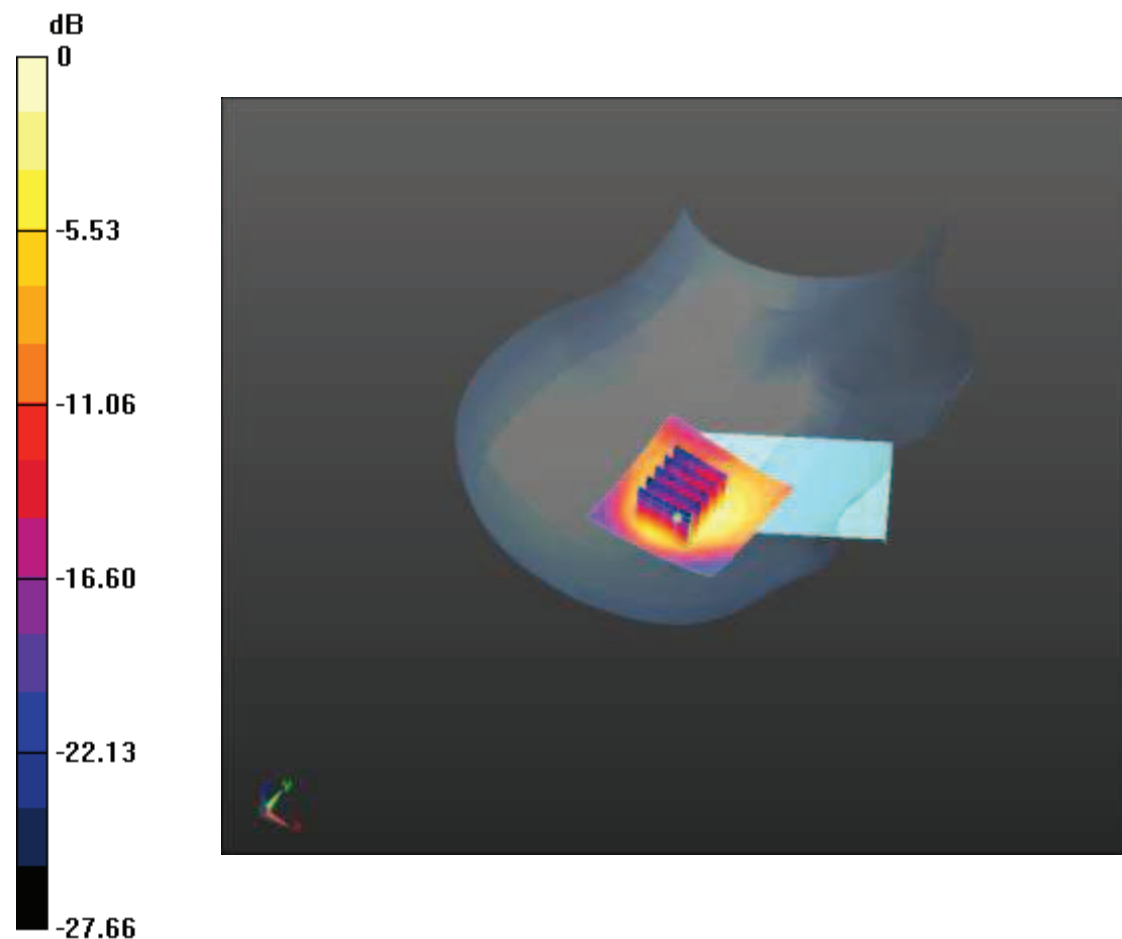
**1900\_Right GSM Head/1900 GSM Cheek-High/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$  mm,  $dy=8$  mm,  $dz=5$  mm

Reference Value = 9.951 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.216 mW/g

**SAR(1 g) = 0.819 mW/g; SAR(10 g) = 0.380 mW/g**

Maximum value of SAR (measured) = 0.850 W/kg



0 dB = 0.972 W/kg = -0.25 dB W/kg

Date: 2015.09.29.

## Le Max GSM1900 Body Hotspot Right Side Mid

### Medium: MSL1900

Communication System: GPRS 2 Tx slots; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz; Duty Cycle: 1:4.1

Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 53.0$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(7.6, 7.6, 7.6); Calibrated: 2015.07.24.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

**1900\_GPRS/GPRS1900 10mm Right-Mid/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 17.606 V/m; Power Drift = -0.07 dB

**Fast SAR: SAR(1 g) = 0.441 mW/g; SAR(10 g) = 0.247 mW/g**

Maximum value of SAR (interpolated) = 0.496 W/kg

**1900\_GPRS/GPRS1900 10mm Right-Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

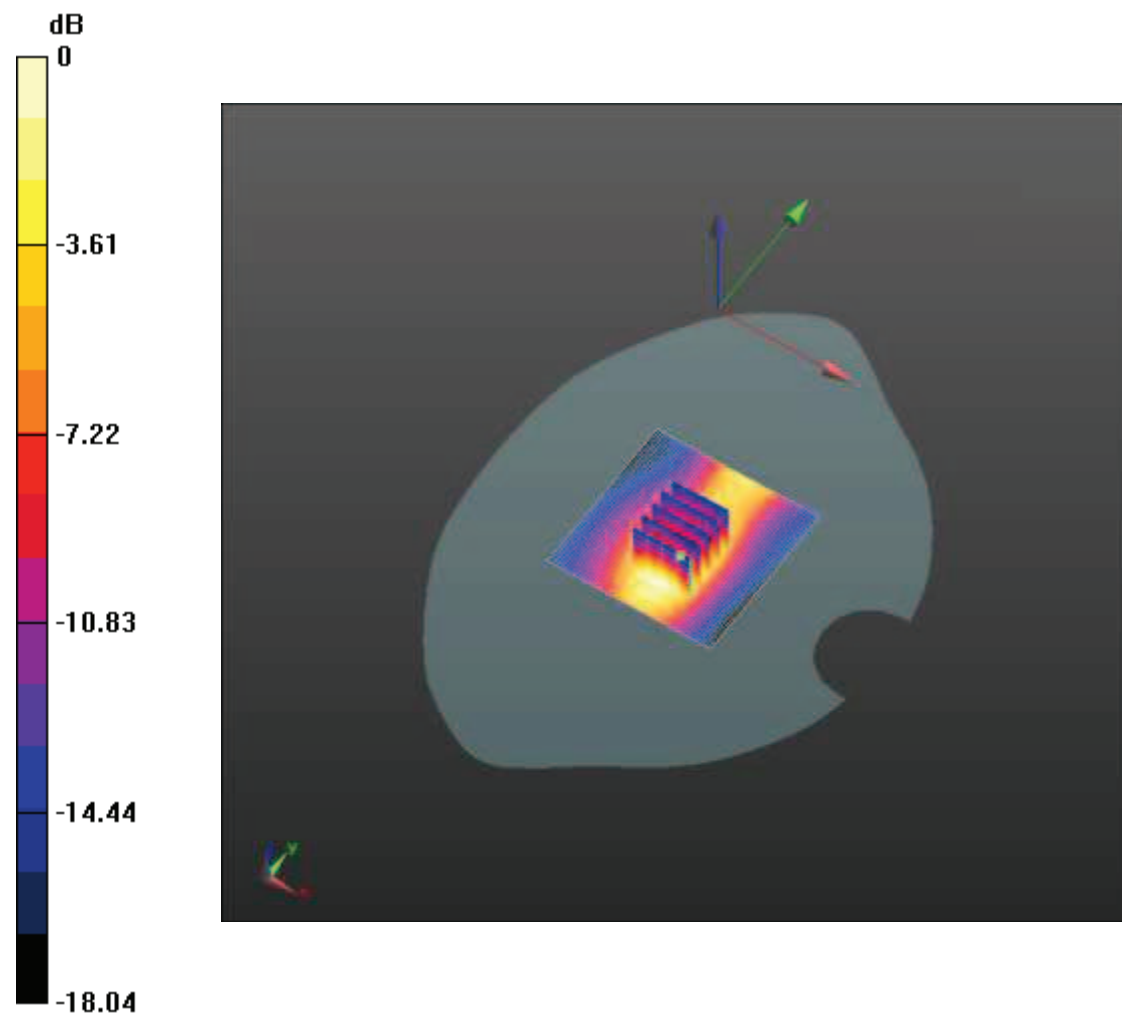
dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.606 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.726 mW/g

**SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.244 mW/g**

Maximum value of SAR (measured) = 0.476 W/kg



Date: 2015.09.29.

## Le Max GSM1900 Body Worn Front Side Mid

### Medium: MSL1900

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 51.14$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(7.6, 7.6, 7.6); Calibrated: 2015.07.24.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

**1900\_GPRS/GPRS1900 Faceup-Mid/Area Scan (61x61x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Reference Value = 5.608 V/m; Power Drift = 011 dB

**Fast SAR: SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.100 mW/g**

Maximum value of SAR (interpolated) = 0.181 W/kg

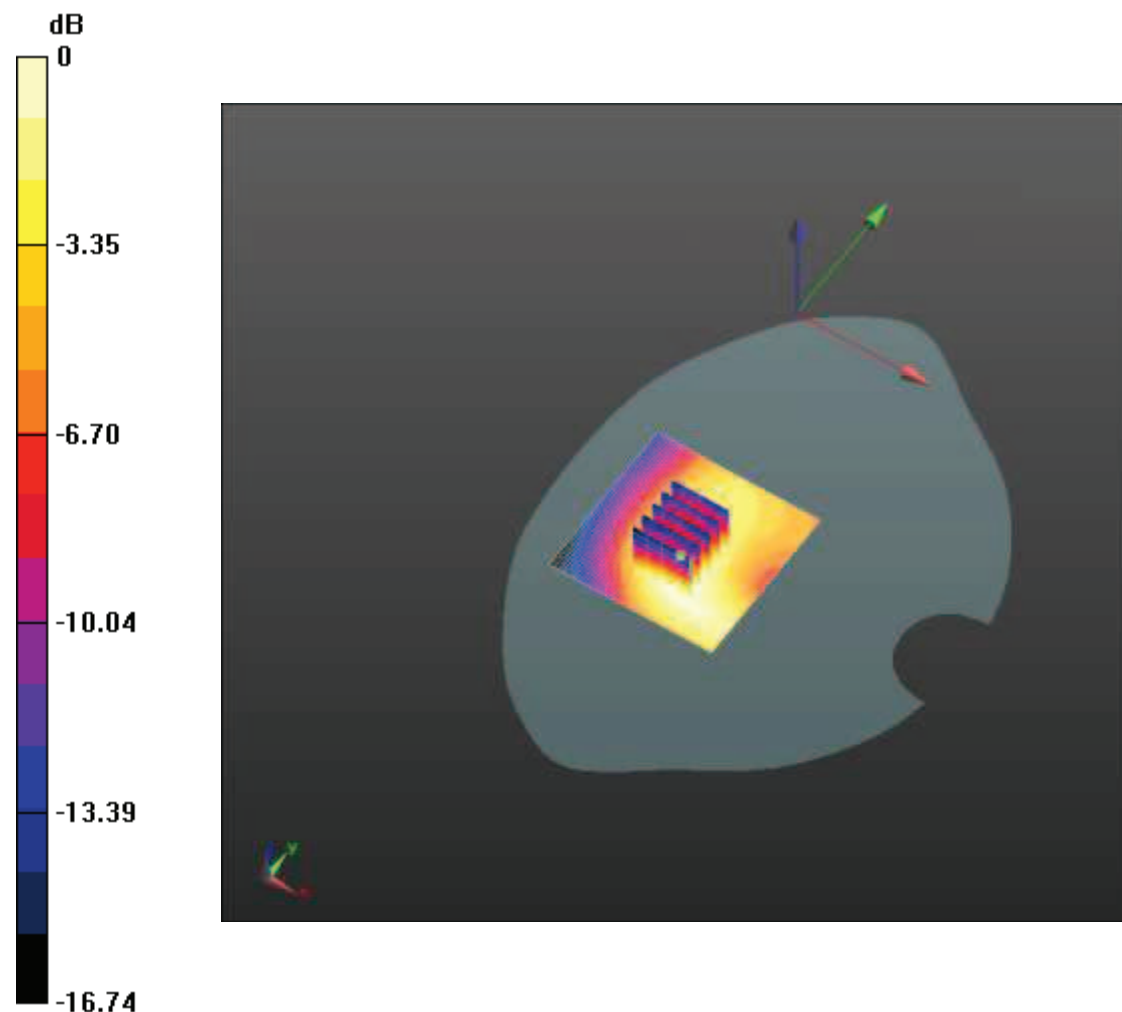
**1900\_GPRS/GPRS1900 Faceup-Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 5.608 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.270 mW/g

**SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.099 mW/g**

Maximum value of SAR (measured) = 0.184 W/kg



0 dB = 0.181 W/kg = -14.86 dB W/kg

Date: 2015.09.29.

## Le Max WCDMA Body BAND II Head Right Cheek Mid

### Medium: HSL1900

Communication System: UMTS-FDD; Communication System Band: Band 2, UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 40.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(7.6, 7.6, 7.6); Calibrated: 2015.07.24.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

**UMTS Band 2\_ right head cheek/Mid/Area Scan (61x61x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Reference Value = 5.194 V/m; Power Drift = 0.01 dB

**Fast SAR: SAR(1 g) = 0.702 mW/g; SAR(10 g) = 0.221 mW/g**

Maximum value of SAR (interpolated) = 1.41 W/kg

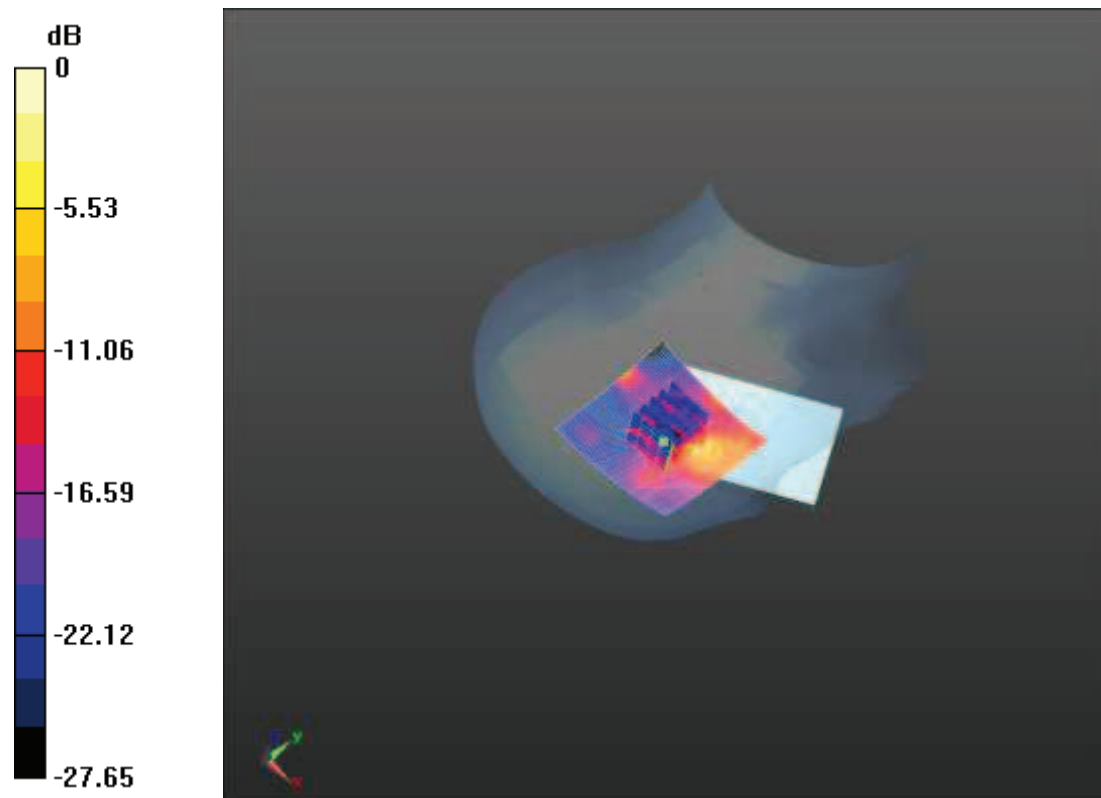
**UMTS Band 2\_ right head cheek/Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 5.194 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.502 mW/g

**SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.078 mW/g**

Maximum value of SAR (measured) = 0.903 W/kg



0 dB = 1.41 W/kg = 3.00 dB W/kg



Date: 2015.09.29.

## Le Max WCDMA Body BAND II Body Hotspot Right Side Mid

### Medium: MSL1900

Communication System: UMTS-FDD; Communication System Band: Band 2, UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 53.0$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(7.6, 7.6, 7.6); Calibrated: 2015.07.24.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

**UMTS Band 2\_ body right side/Mid/Area Scan (61x61x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Reference Value = 5.194 V/m; Power Drift = 0.02 dB

**Fast SAR: SAR(1 g) = 0.652 mW/g; SAR(10 g) = 0.365 mW/g**

Maximum value of SAR (interpolated) = 0.732 W/kg

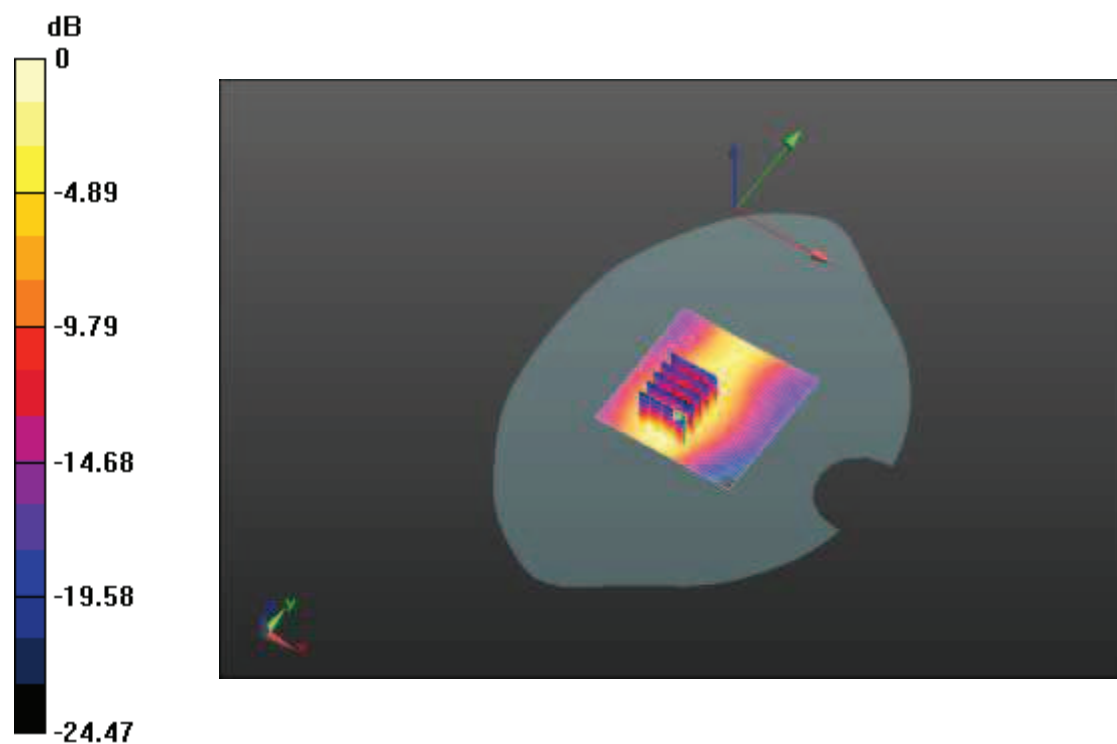
**UMTS Band 2\_ body right side/Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 5.194 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.115 mW/g

**SAR(1 g) = 0.656 mW/g; SAR(10 g) = 0.368 mW/g**

Maximum value of SAR (measured) = 0.728 W/kg



0 dB = 0.732 W/kg = -2.71 dB W/kg

Date: 2015.09.29.

# Le Max WCDMA Body BAND II Body Worn Back Side Mid

## Medium: MSL1900

Communication System: UMTS-FDD; Communication System Band: Band 2, UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 53.0$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(7.6, 7.6, 7.6); Calibrated: 2015.07.24.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

**UMTS Band 2\_Back 15mm/Mid/Area Scan (61x61x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Reference Value = 5.194 V/m; Power Drift = 0.02 dB

**Fast SAR: SAR(1 g) = 0.089 mW/g; SAR(10 g) = 0.053 mW/g**

Maximum value of SAR (interpolated) = 0.0985 W/kg

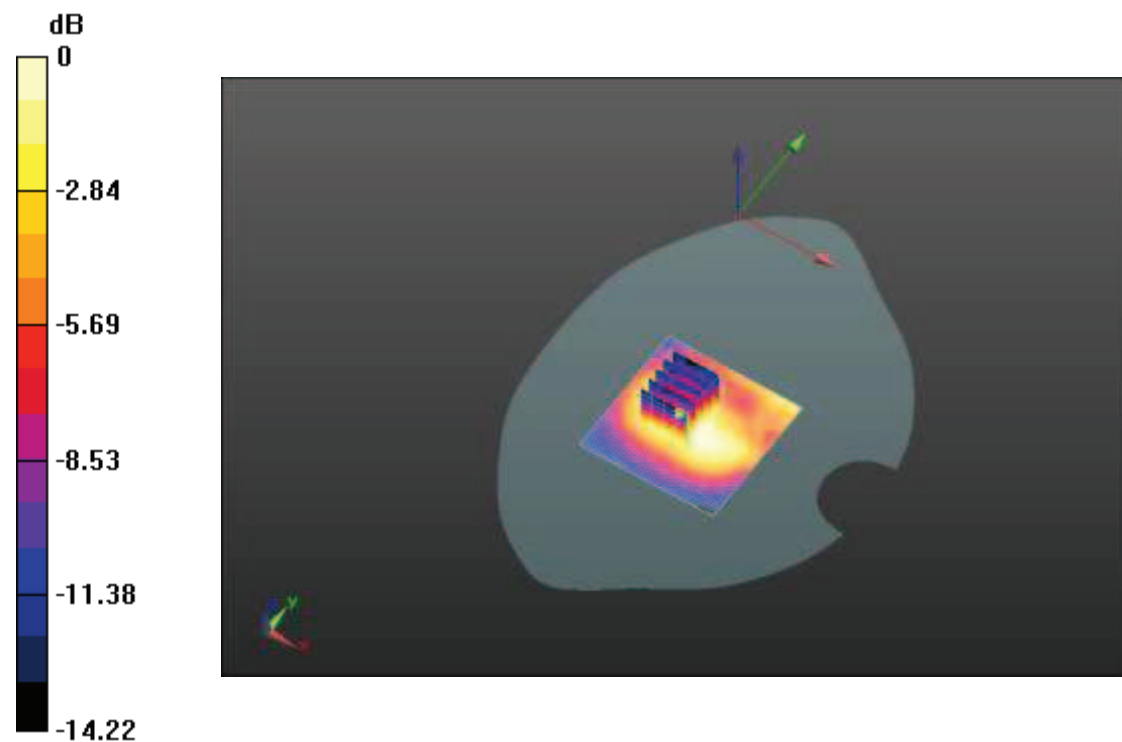
**UMTS Band 2\_Back 15mm/Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 5.194 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.143 mW/g

**SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.056 mW/g**

Maximum value of SAR (measured) = 0.0968 W/kg



0 dB = 0.0985 W/kg = -20.13 dB W/kg

Date: 2015.09.28.

## Le Max WCDMA Body BAND V Head Left Tilted Mid

### Medium: HSL900

Communication System: UMTS-FDD; Communication System Band: Band 5, UTRA/FDD (824.0 - 849.0 MHz); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.91$  mho/m;  $\epsilon_r = 41.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: ES3DV3 - SN3203; ConvF(6.55, 6.55, 6.55); Calibrated: 2014.12.19.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

**UMTS Band 5\_left head tilt/Mid/Area Scan (51x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 2.010 V/m; Power Drift = 0.07 dB

**Fast SAR: SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.084 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.250 W/kg

**UMTS Band 5\_left head tilt/Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

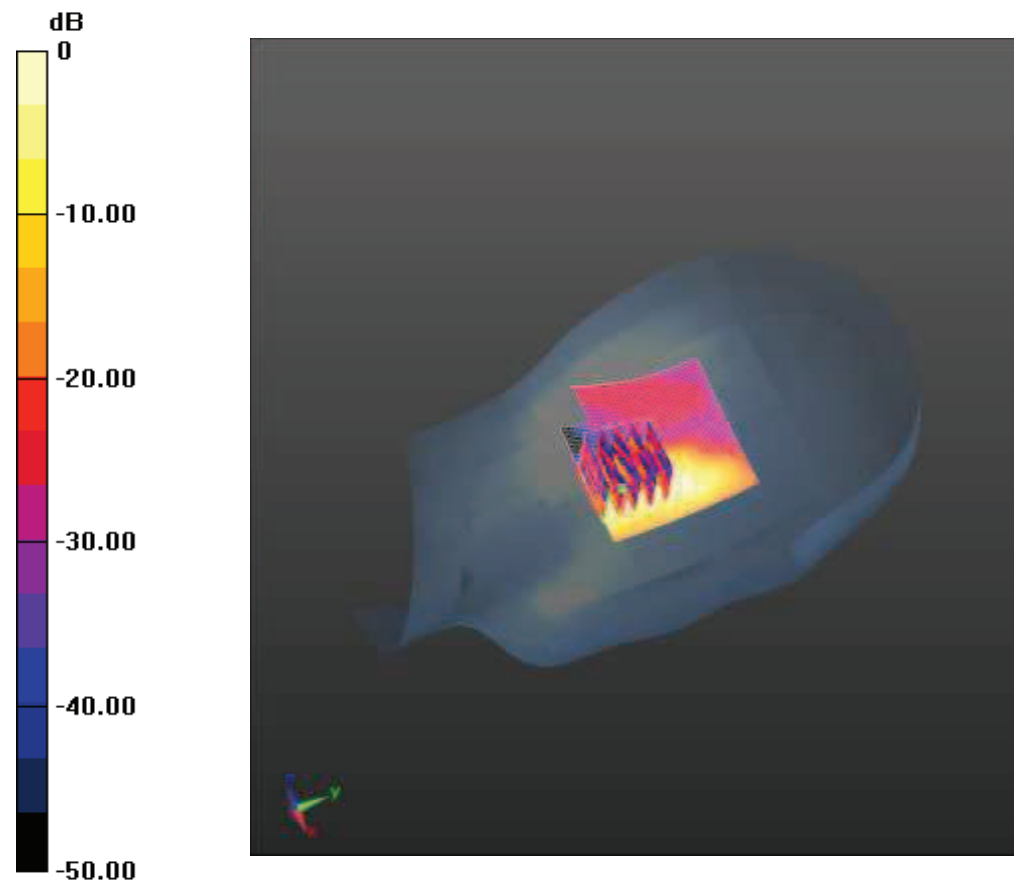
Reference Value = 2.010 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.653 mW/g

**SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.055 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.179 W/kg



0 dB = 0.250 W/kg = -12.05 dB W/kg

Date: 2015.09.28.

## Le Max WCDMA Body BAND V Body Hotspot Back Side

### Medium: MSL900

Communication System: UMTS-FDD; Communication System Band: Band 5, UTRA/FDD (824.0 - 849.0 MHz); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.99$  mho/m;  $\epsilon_r = 55.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: ES3DV3 - SN3203; ConvF(6.2, 6.2, 6.2); Calibrated: 2014.12.19.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

**UMTS Band 5\_body bACK 10MM/Mid/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 9.137 V/m; Power Drift = 0.17 dB

**Fast SAR: SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.107 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.278 W/kg

**UMTS Band 5\_body bACK 10MM/Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

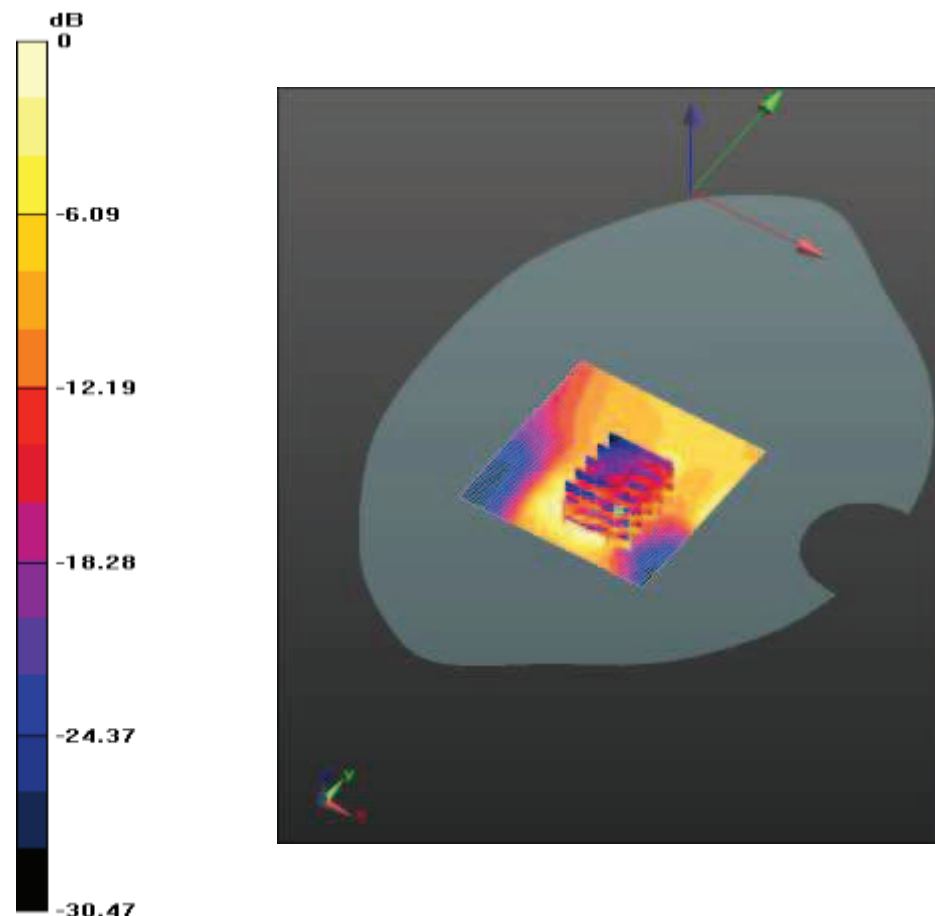
Reference Value = 9.137 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.451 mW/g

**SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.064 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.276 W/kg



0 dB = 0.278 W/kg = -11.11 dB W/kg

Date: 2015.09.28.

## Le Max WCDMA Body BAND V Worn Body Back Side Mid

### Medium: MSL900

Communication System: UMTS-FDD; Communication System Band: Band 5, UTRA/FDD (824.0 - 849.0 MHz); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.99$  mho/m;  $\epsilon_r = 55.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: ES3DV3 - SN3203; ConvF(6.2, 6.2, 6.2); Calibrated: 2014.12.19.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

**UMTS Band 5\_body Back/Mid/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 9.137 V/m; Power Drift = 0.07 dB

**Fast SAR: SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.053 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.105 W/kg

**UMTS Band 5\_body Back/Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

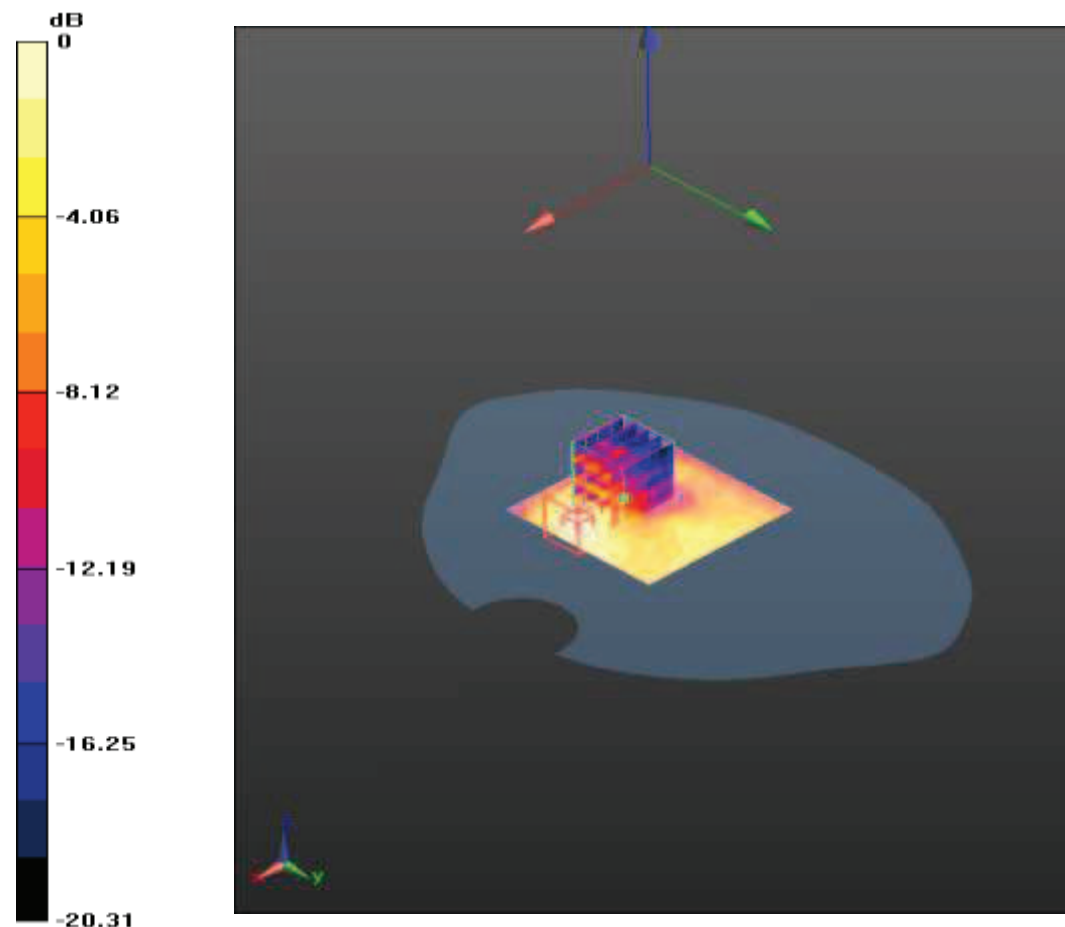
Reference Value = 9.137 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.289 mW/g

**SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.033 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.119 W/kg



0 dB = 0.105 W/kg = -19.56 dB W/kg

Date: 2015.10.08.

# Le Max LTE Band41 Head Right Tilted Mid

## Medium: HSL2600

Communication System: LTE-TDD; Communication System Band: Band41(20MHz); Frequency: 2593 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2593$  MHz;  $\sigma = 1.94$  mho/m;  $\epsilon_r = 39.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(6.91, 6.91, 6.91); Calibrated: 2014.11.03.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

**Head Right/Tilted Mid/Area Scan (61x61x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Reference Value = 2.865 V/m; Power Drift = 0.05 dB

**Fast SAR: SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.060 mW/g**

Maximum value of SAR (interpolated) = 0.227 W/kg

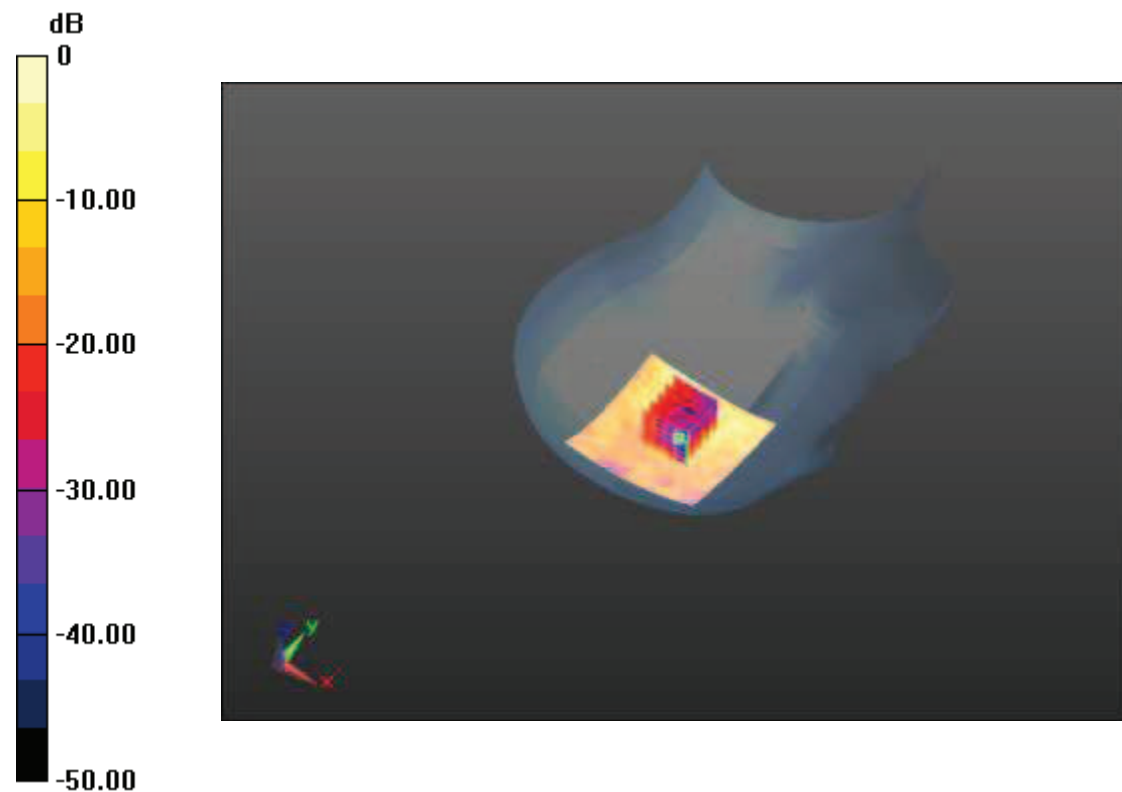
**Head Right/Tilted Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 2.865 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.109 mW/g

**SAR(1 g) = 0.302 mW/g; SAR(10 g) = 0.110 mW/g**

Maximum value of SAR (measured) = 0.324 W/kg



0 dB = 0.227 W/kg = -12.87 dB W/kg

Date: 2015.10.08.

## Le Max LTE Band41 Body Hotspot Back Side Mid

### Medium: MSL2600

Communication System: LTE-TDD; Communication System Band: Band41(20MHz); Frequency: 2593 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2593$  MHz;  $\sigma = 2.77$  mho/m;  $\epsilon_r = 52.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(7.19, 7.19, 7.19); Calibrated: 2014.11.03.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

**Body/Facedown Mid/Area Scan (51x51x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Reference Value = 7.331 V/m; Power Drift = 0.04 dB

**Fast SAR: SAR(1 g) = 0.254 mW/g; SAR(10 g) = 0.151 mW/g**

Maximum value of SAR (interpolated) = 0.269 W/kg

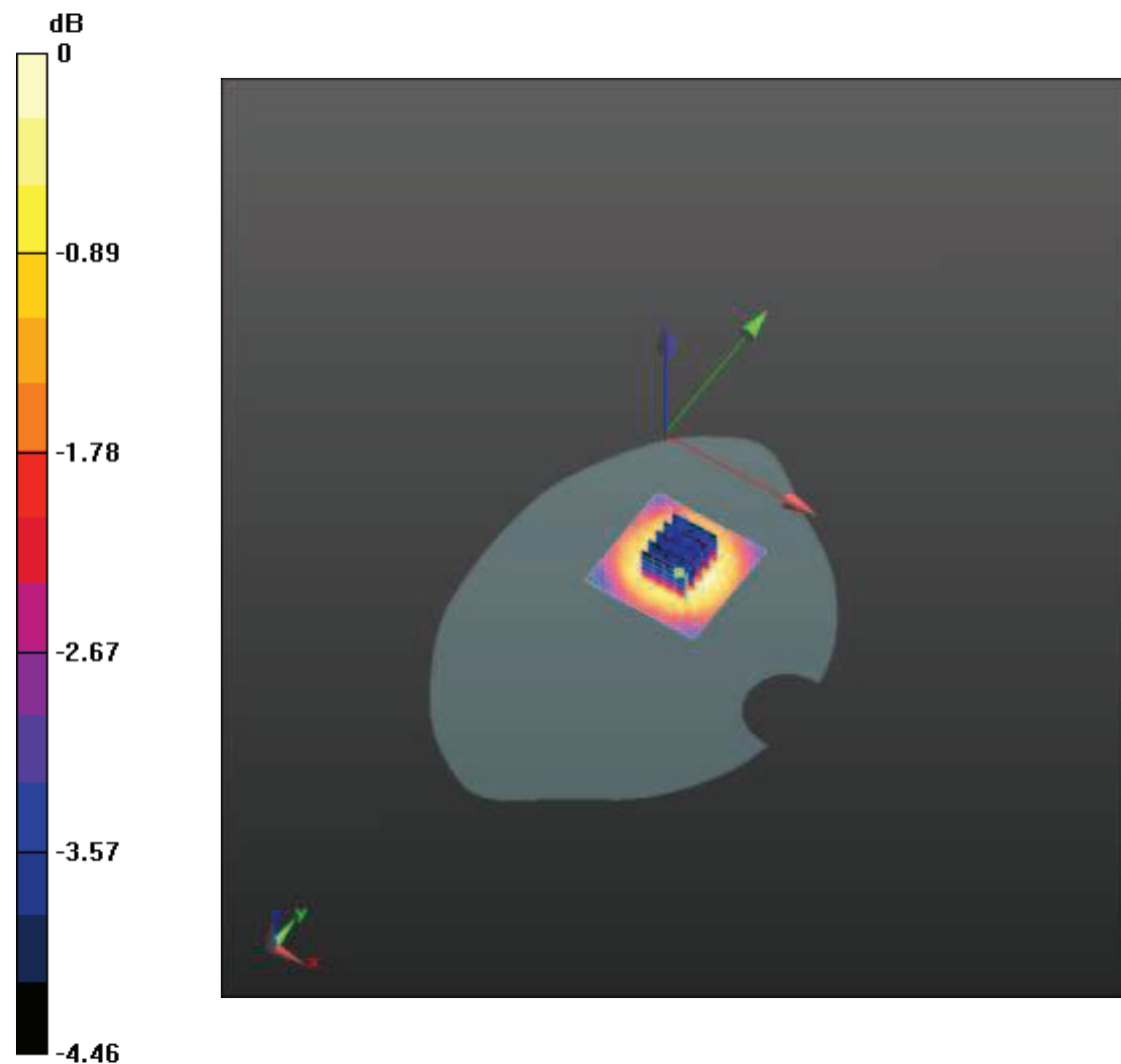
**Body/Facedown Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 7.331 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.680 mW/g

**SAR(1 g) = 0.262 mW/g; SAR(10 g) = 0.142 mW/g**

Maximum value of SAR (measured) = 0.268 W/kg



Date: 2015.10.08.

# Le Max LTE Band41 Body Worn Back Side Mid

## Medium: MSL2600

Communication System: LTE-TDD; Communication System Band: Band41(20MHz); Frequency: 2593 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2593$  MHz;  $\sigma = 2.77$  mho/m;  $\epsilon_r = 52.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(7.19, 7.19, 7.19); Calibrated: 2014.11.03.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

**Body/Facedown Mid 15mm/Area Scan (51x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 5.959 V/m; Power Drift = 0.09 dB

**Fast SAR: SAR(1 g) = 0.185 mW/g; SAR(10 g) = 0.109 mW/g**

Maximum value of SAR (interpolated) = 0.196 W/kg

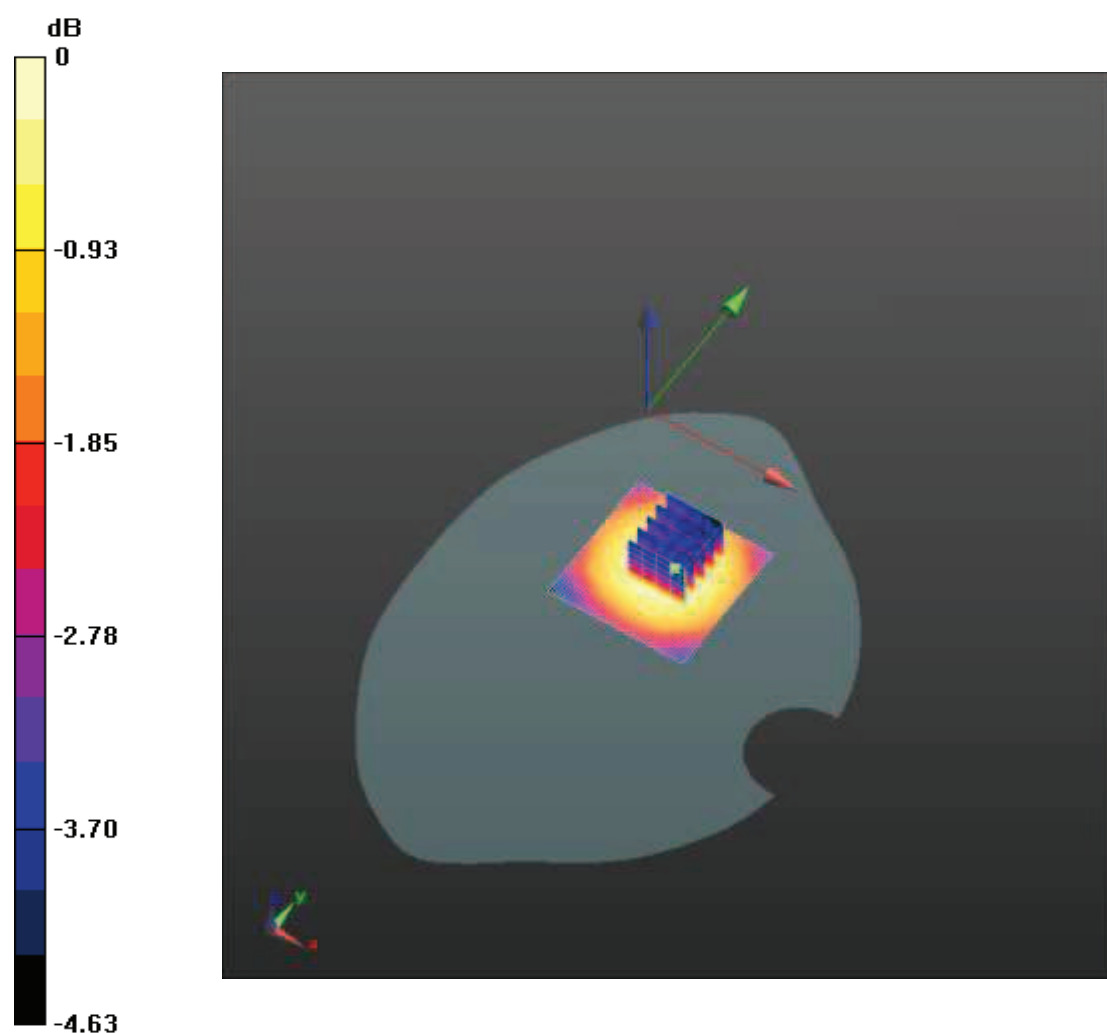
**Body/Facedown Mid 15mm/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.959 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.506 mW/g

**SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.107 mW/g**

Maximum value of SAR (measured) = 0.201 W/kg



0 dB = 0.196 W/kg = -14.14 dB W/kg



Date: 2015.09.30.

## Le Max Wi-Fi 802.11b Head Left Cheek Mid

### Medium: HSL2450

Communication System: WiFi (802.11a/b/g/n); Communication System Band: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.82$  mho/m;  $\epsilon_r = 39.0$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Measurement Standard: DASy5 (IEEE/IEC/ANSI C63.19-2007)

DASy5 Configuration: Probe: ES3DV3 - SN3203; ConvF(4.55, 4.55, 4.55); Calibrated: 2014.12.19.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

**802.11b-Left Head/left Cheek-Mid/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 7.583 V/m; Power Drift = -0.04 dB

**Fast SAR: SAR(1 g) = 0.624 mW/g; SAR(10 g) = 0.313 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.773 W/kg

**802.11b-Left Head/left Cheek-Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

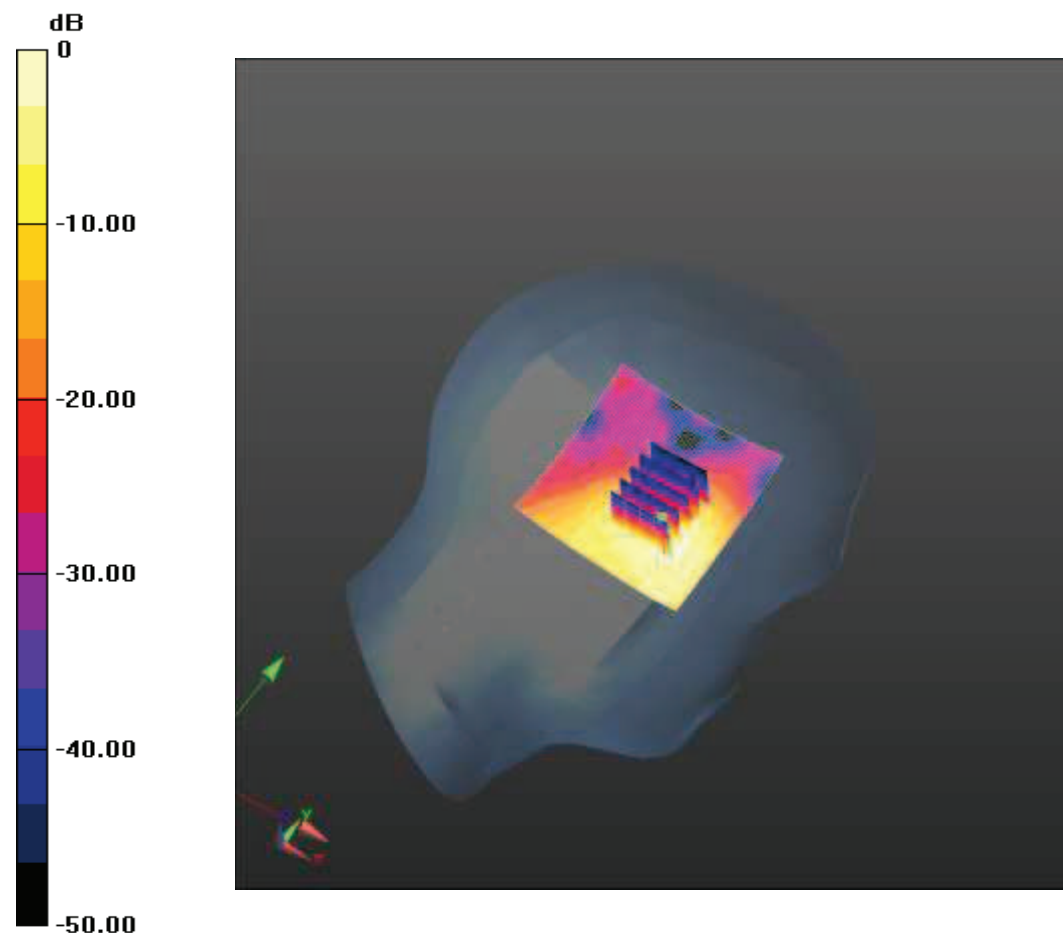
Reference Value = 7.583 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.110 mW/g

**SAR(1 g) = 0.623 mW/g; SAR(10 g) = 0.271 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.607 W/kg



0 dB = 0.773 W/kg = -2.23 dB W/kg

Date: 2015.09.30.

## Le Max Wi-Fi 802.11b Body Hotspot Top Side Mid

### Medium: MSL2450

Communication System: WiFi (802.11a/b/g/n); Communication System Band: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.98$  mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: ES3DV3 - SN3203; ConvF(4.47, 4.47, 4.47); Calibrated: 2014.12.19.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

**802.11b-10mm/Top-Mid/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 10.826 V/m; Power Drift = -0.10 dB

**Fast SAR: SAR(1 g) = 0.198 mW/g; SAR(10 g) = 0.099 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.224 W/kg

**802.11b-10mm/Top-Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

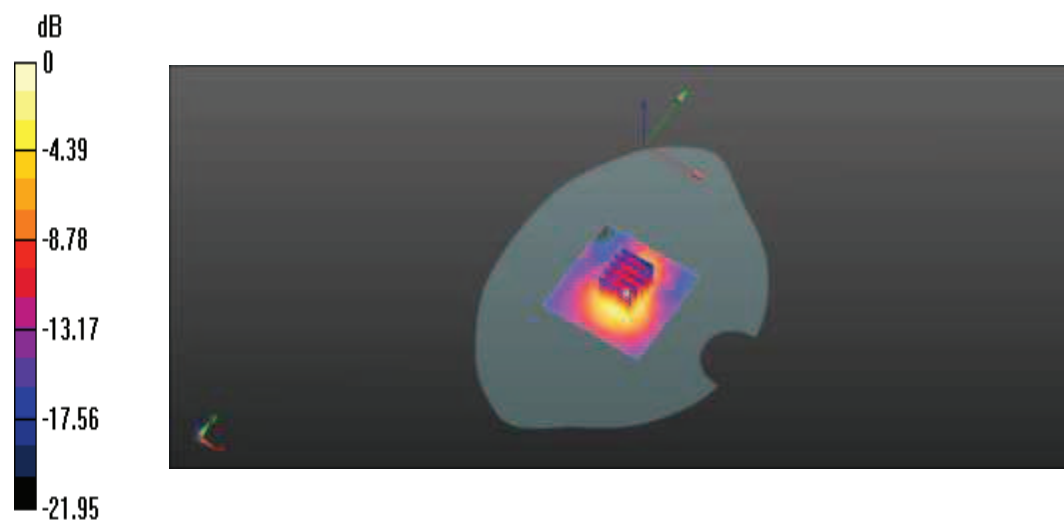
Reference Value = 10.826 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.399 mW/g

**SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.101 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.223 W/kg



0 dB = 0.224 W/kg = -12.99 dB W/kg

Date: 2015.09.30.

Le Max Wi-Fi 802.11b Body Worn Back Side Mid

**Medium: MSL2450**

Communication System: WiFi (802.11a/b/g/n); Communication System Band: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.98$  mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: ES3DV3 - SN3203; ConvF(4.47, 4.47, 4.47); Calibrated: 2014.12.19.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

**802.11b-15mm/Faceup-Mid/Area Scan (61x61x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Reference Value = 5.667 V/m; Power Drift = 0.06 dB

**Fast SAR: SAR(1 g) = 0.071 mW/g; SAR(10 g) = 0.039 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.0783 W/kg

**802.11b-15mm/Faceup-Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

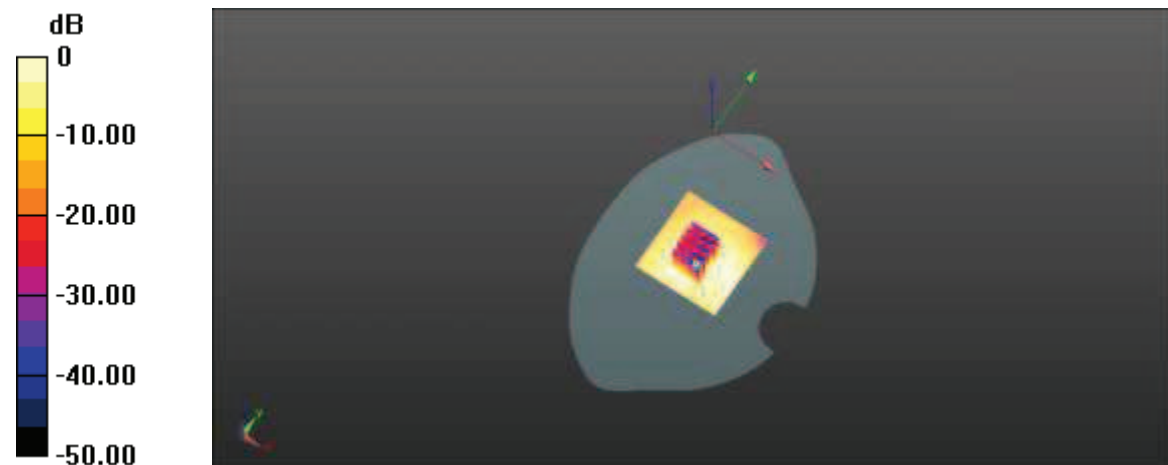
Reference Value = 5.667 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.132 mW/g

**SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.041 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0784 W/kg



0 dB = 0.0783 W/kg = -22.12 dB W/kg

Date: 2015.10.09.

# Le Max Wi-Fi 5.2G (802.11a) CH48 Head Left Cheek

## Medium: HSL 5G

Communication System: 5G; Communication System Band: 5.2G; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5240$  MHz;  $\sigma = 4.69$  mho/m;  $\epsilon_r = 36.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(5.44, 5.44, 5.44); Calibrated: 2015.04.11.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

**48-Left Head/left Cheek/Area Scan (91x91x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Reference Value = 3.630 V/m; Power Drift = 0.15 dB

**Fast SAR: SAR(1 g) = 0.520 mW/g; SAR(10 g) = 0.161 mW/g.**

Maximum value of SAR (interpolated) = 0.664 W/kg

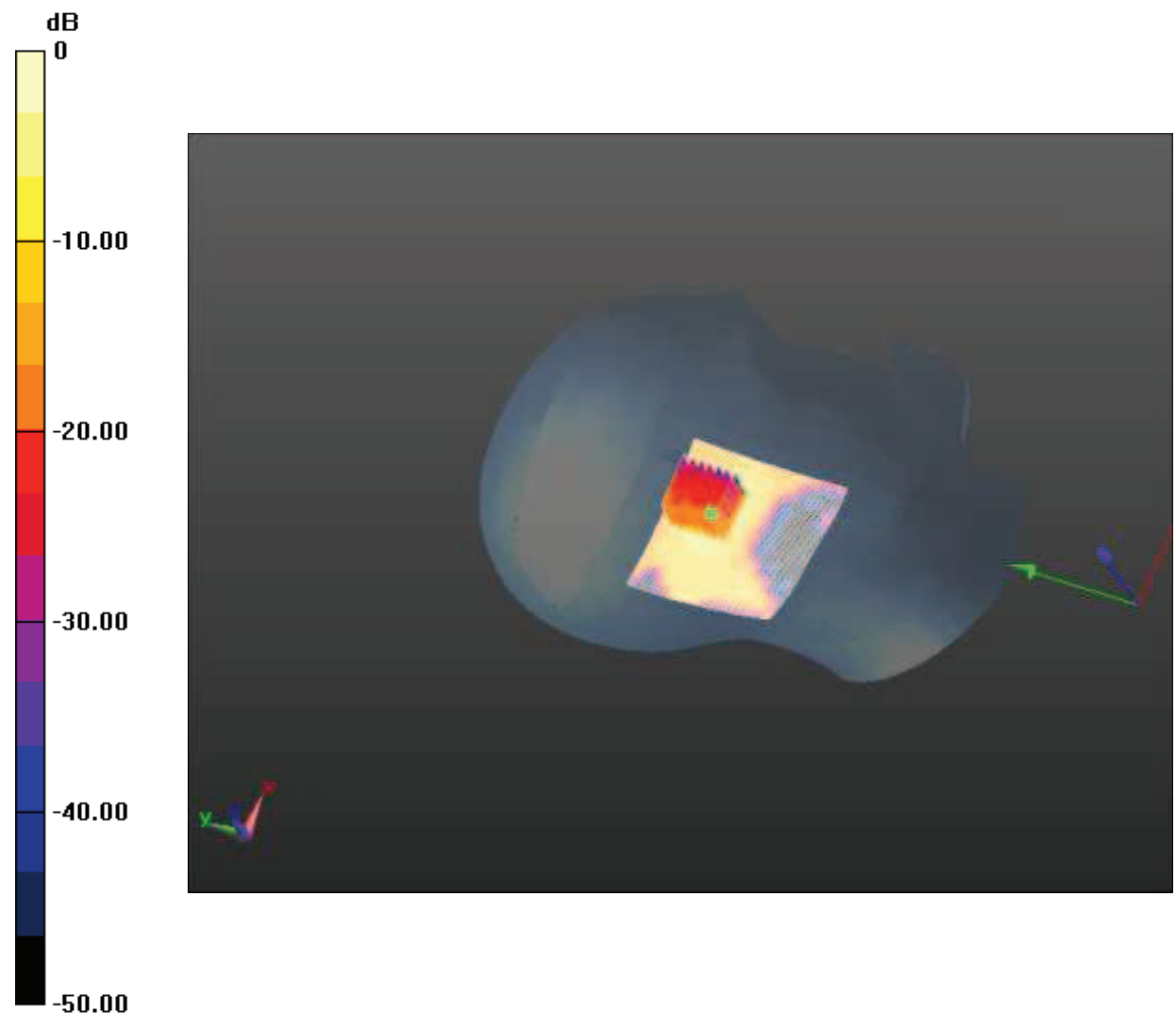
**48-Left Head/left Cheek/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 3.630 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.662 mW/g

**SAR(1 g) = 0.520 mW/g; SAR(10 g) = 0.159 mW/g**

Maximum value of SAR (measured) = 0.687 W/kg



0 dB = 0.664 W/kg = -3.56 dB W/kg

Date: 2015.10.09.

## Le Max Wi-Fi 5.2G (802.11a) CH36 Body Hotspot Front Side

### Medium: MSL 5G

Communication System: 5G; Communication System Band: 5.2G; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5180$  MHz;  $\sigma = 5.21$  mho/m;  $\epsilon_r = 49.0$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(5.44, 5.44, 5.44); Calibrated: 2015.04.11.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

**36/Faceup 2/Area Scan (91x91x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Reference Value = 2.392 V/m; Power Drift = 0.12 dB

**Fast SAR: SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.020 mW/g**

Maximum value of SAR (interpolated) = 0.146 W/kg

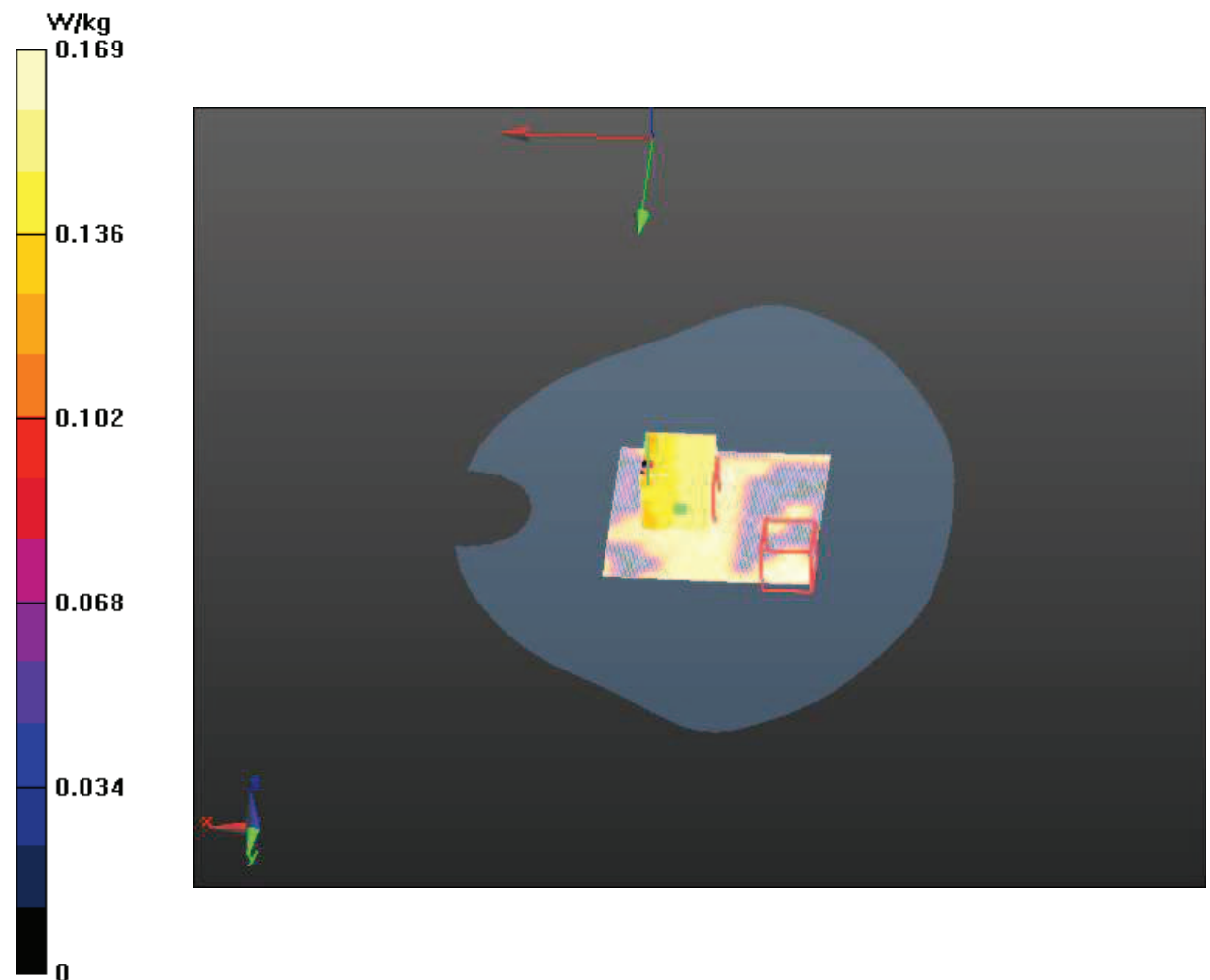
**36/Faceup 2/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.392 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.373 mW/g

**SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.064 mW/g**

Maximum value of SAR (measured) = 0.169 W/kg



0 dB = 0.169 W/kg

Date: 2015.10.15.

# Le Max Wi-Fi 5.2G (802.11a) CH36 Body Worn Front Side

## Medium: MSL 5G

Communication System: 5G; Communication System Band: 5.2G; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5180$  MHz;  $\sigma = 5.21$  mho/m;  $\epsilon_r = 49.0$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(5.44, 5.44, 5.44); Calibrated: 2015.04.11.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

**36/Faceup/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 1.076 V/m; Power Drift = 0.04 dB

**Fast SAR: SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.018 mW/g**

Maximum value of SAR (interpolated) = 0.0618 W/kg

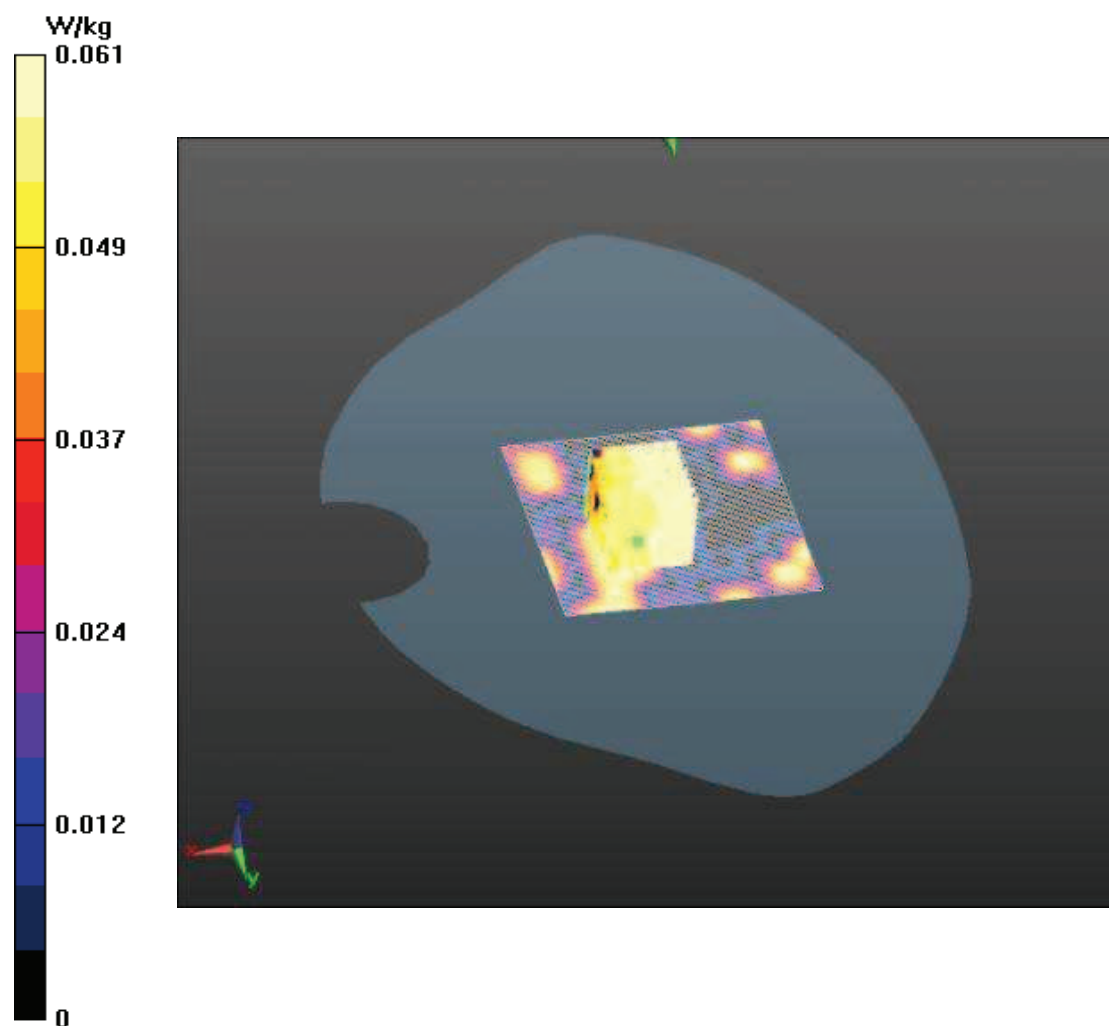
**36/Faceup/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.076 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.132 mW/g

**SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.036 mW/g**

Maximum value of SAR (measured) = 0.0611 W/kg



0 dB = 0.0611 W/kg