

WCDMA1900_Hotspot off_CH9262 Front

Date: 2017-2-17

Electronics: DAE4 Sn1331

Medium: Head 1900 MHz

Medium parameters used: $f = 1852.4$; $\sigma = 1.461$ mho/m; $\epsilon_r = 53.51$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.5°C, Liquid Temperature: 22°C

Communication System: WCDMA1900 1852.4 Duty Cycle: 1:1

Probe: EX3DV4 – SN7307 ConvF(7.67,7.67,7.67)

Area Scan (111x61x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.697 W/kg

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

Reference Value = 8.301 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.974 W/kg

SAR(1 g) = 0.620 W/kg; SAR(10 g) = 0.359 W/kg

Maximum value of SAR (measured) = 0.720 W/kg

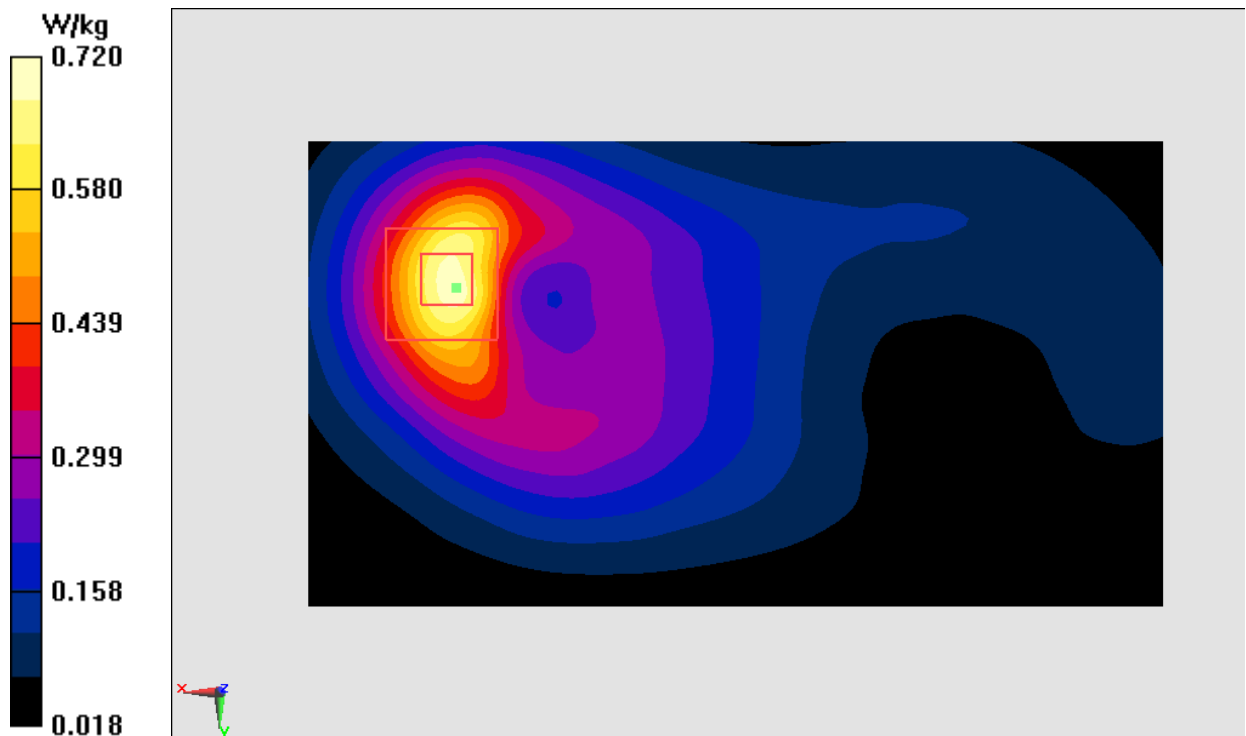


Figure A.7

WCDMA1700_CH1513 Left Cheek

Date: 2017-2-16

Electronics: DAE4 Sn1331

Medium: Head 1750 MHz

Medium parameters used: $f = 1752.6$; $\sigma = 1.358$ mho/m; $\epsilon_r = 39.36$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.5°C, Liquid Temperature: 22°C

Communication System: WCDMA1700 1732.4 Duty Cycle: 1:1

Probe: EX3DV4 – SN7307 ConvF(8.37,8.37,8.37)

Area Scan (71x121x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.512 W/kg

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

Reference Value = 4.181 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.642 W/kg

SAR(1 g) = 0.424 W/kg; SAR(10 g) = 0.266 W/kg

Maximum value of SAR (measured) = 0.497 W/kg

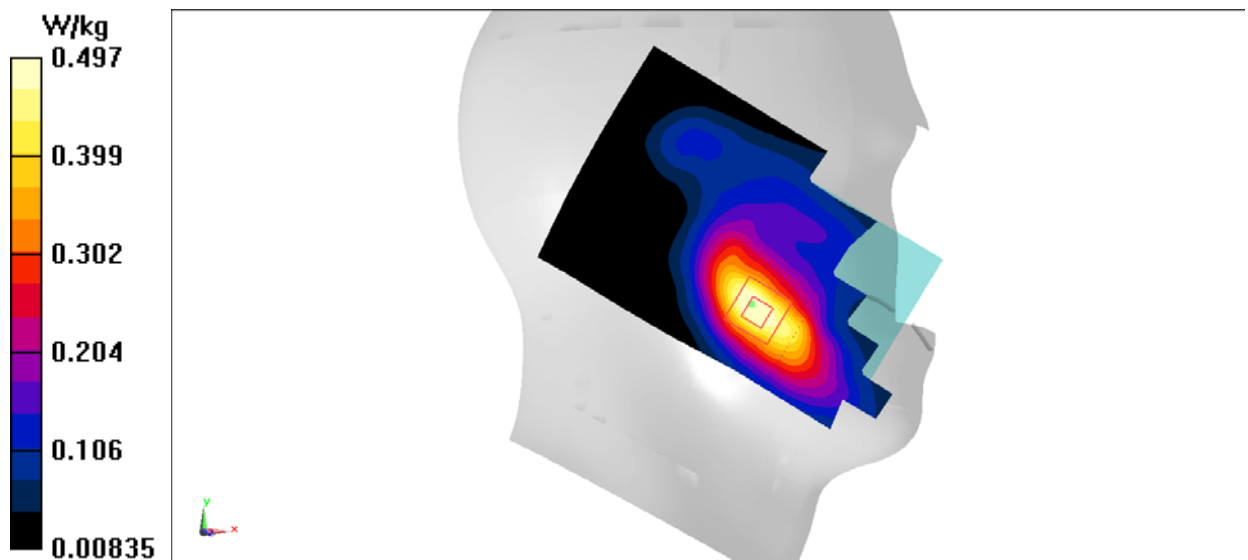


Figure A.8

WCDMA1700_Hotspot on_CH1513 Bottom edge

Date: 2017-2-16

Electronics: DAE4 Sn1331

Medium: Head 1750 MHz

Medium parameters used: $f = 1752.6$; $\sigma = 1.471$ mho/m; $\epsilon_r = 53.21$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.5°C, Liquid Temperature: 22°C

Communication System: WCDMA1700 1752.6 Duty Cycle: 1:1

Probe: EX3DV4 – SN7307 ConvF(8.18,8.18,8.18)

Area Scan (111x61x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.885 W/kg

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

Reference Value = 16.25 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.738 W/kg; SAR(10 g) = 0.389 W/kg

Maximum value of SAR (measured) = 0.911 W/kg

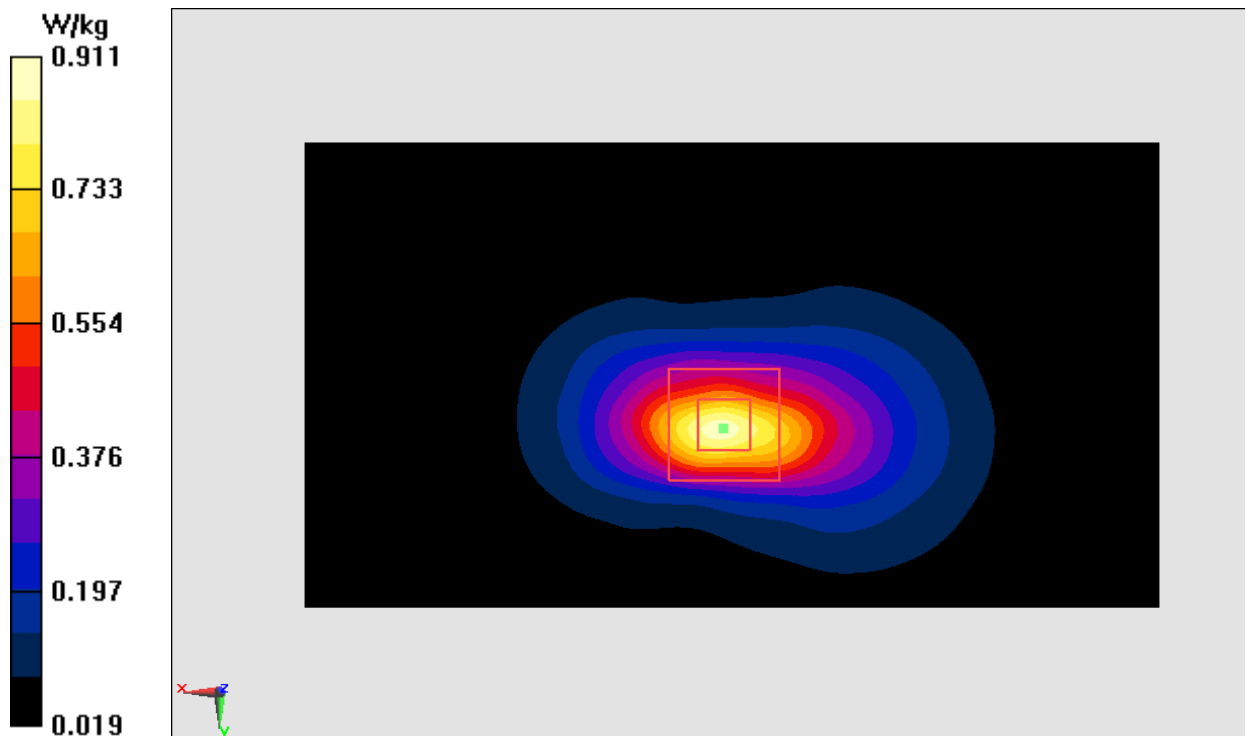


Figure A.9

WCDMA1700_Hotspot off_CH1513 Front

Date: 2017-2-16

Electronics: DAE4 Sn1331

Medium: Head 1750 MHz

Medium parameters used: $f = 1752.6$; $\sigma = 1.471$ mho/m; $\epsilon_r = 53.21$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.5°C, Liquid Temperature: 22°C

Communication System: WCDMA1700 1752.6 Duty Cycle: 1:1

Probe: EX3DV4 – SN7307 ConvF(8.18,8.18,8.18)

Area Scan (111x61x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.566 W/kg

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

Reference Value = 11.09 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.741 W/kg

SAR(1 g) = 0.483 W/kg; SAR(10 g) = 0.287 W/kg

Maximum value of SAR (measured) = 0.564 W/kg

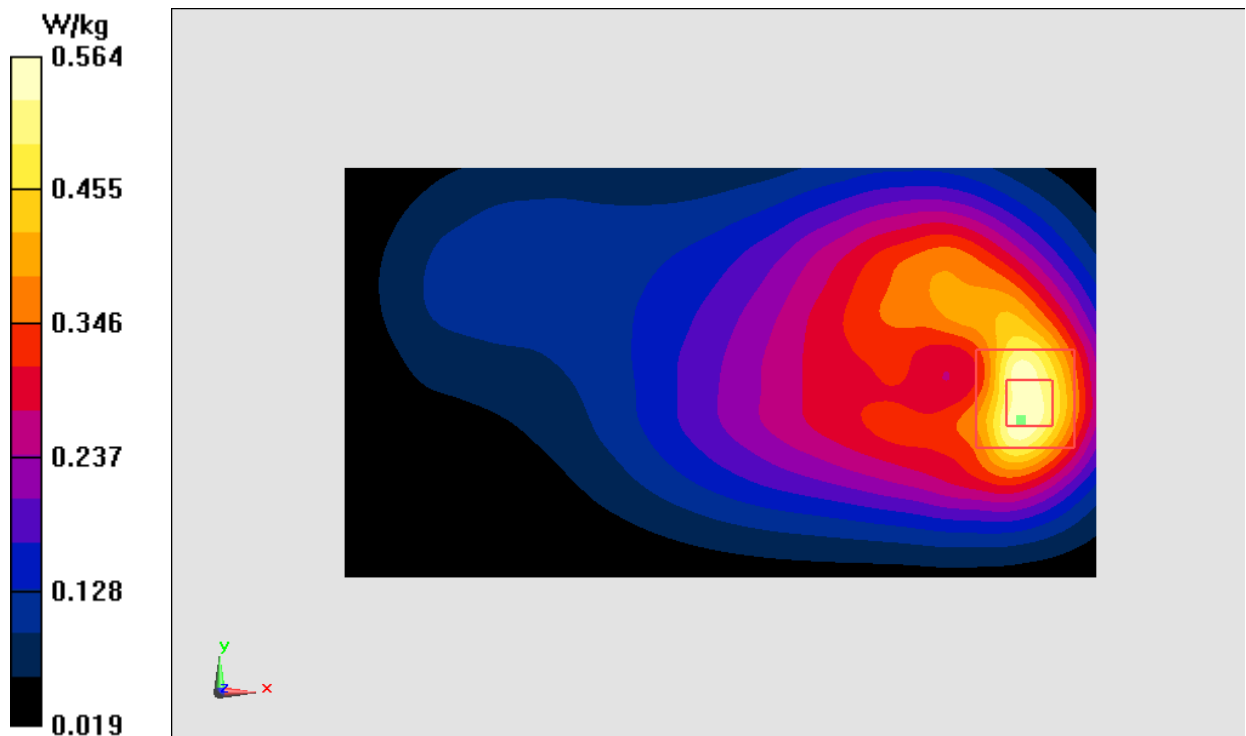


Figure A.10

WCDMA850_CH4132 Left Cheek

Date: 2017-2-15

Electronics: DAE4 Sn1331

Medium: Head 835 MHz

Medium parameters used: $f = 826.4$; $\sigma = 0.891$ mho/m; $\epsilon_r = 41.28$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.5°C, Liquid Temperature: 22°C

Communication System: WCDMA850 826.4 Duty Cycle: 1:1

Probe: EX3DV4 – SN7307 ConvF(10.01,10.01,10.01)

Area Scan (71x121x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.331 W/kg

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

Reference Value = 6.140 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.375 W/kg

SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.221 W/kg

Maximum value of SAR (measured) = 0.320 W/kg

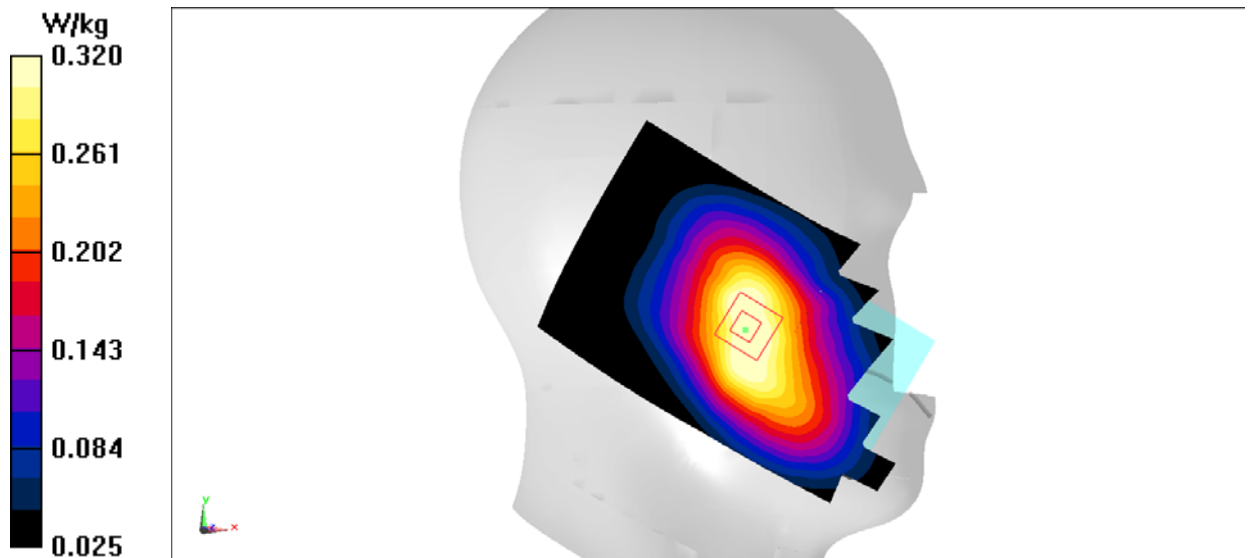


Figure A.11

WCDMA850_CH4233 Rear

Date: 2017-2-15

Electronics: DAE4 Sn1331

Medium: Head 835 MHz

Medium parameters used: $f = 836.4$; $\sigma = 0.963$ mho/m; $\epsilon_r = 56.19$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.5°C, Liquid Temperature: 22°C

Communication System: WCDMA850 846.6 Duty Cycle: 1:1

Probe: EX3DV4 – SN7307 ConvF(9.83,9.83,9.83)

Area Scan (121x71x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.411 W/kg

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

Reference Value = 18.74 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.493 W/kg

SAR(1 g) = 0.366 W/kg; SAR(10 g) = 0.272 W/kg

Maximum value of SAR (measured) = 0.408 W/kg

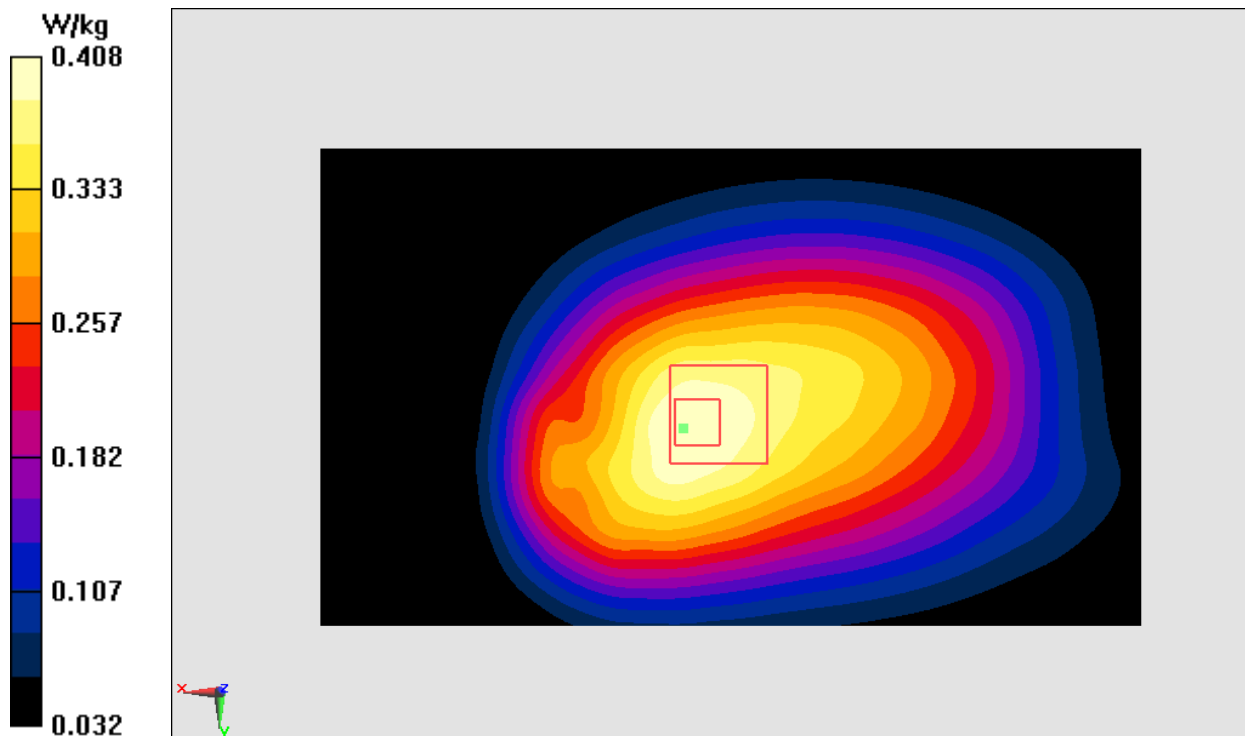


Figure A.12

LTE Band 2_CH19100 Left Cheek

Date: 2017-2-17

Electronics: DAE4 Sn1331

Medium: Head 1900 MHz

Medium parameters used: $f = 1900$; $\sigma = 1.405$ mho/m; $\epsilon_r = 39.95$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.5°C, Liquid Temperature: 22°C

Communication System: LTEBand2 1752.6 Duty Cycle: 1:1

Probe: EX3DV4 – SN7307 ConvF(8.10,8.10,8.10)

Area Scan (71x121x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.260 W/kg

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

Reference Value = 9.146 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.300 W/kg

SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.187 W/kg

Maximum value of SAR (measured) = 0.263 W/kg

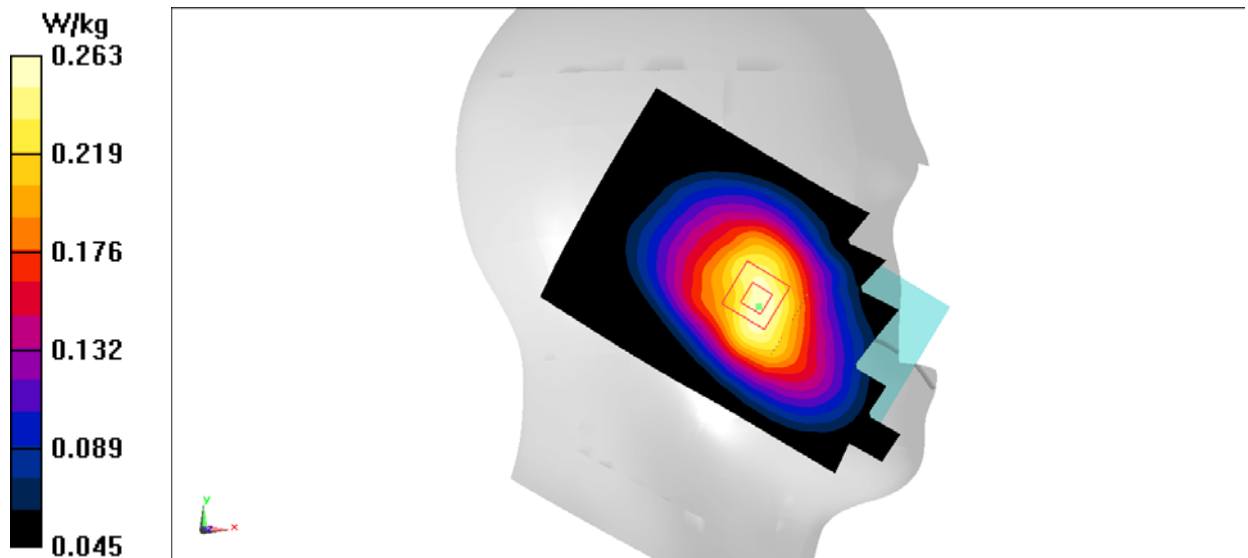


Figure A.13

LTE Band 2_Hotspot on_ CH19100 Bottom edge

Date: 2017-2-17

Electronics: DAE4 Sn1331

Medium: Head 1900 MHz

Medium parameters used: $f = 1900$; $\sigma = 1.511$ mho/m; $\epsilon_r = 53.11$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.5°C, Liquid Temperature: 22°C

Communication System: LTEBand2 1900 Duty Cycle: 1:1

Probe: EX3DV4 – SN7307 ConvF(7.67,7.67,7.67)

Area Scan (111x61x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.23 W/kg

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

Reference Value = 24.17 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.513 W/kg

Maximum value of SAR (measured) = 1.25 W/kg

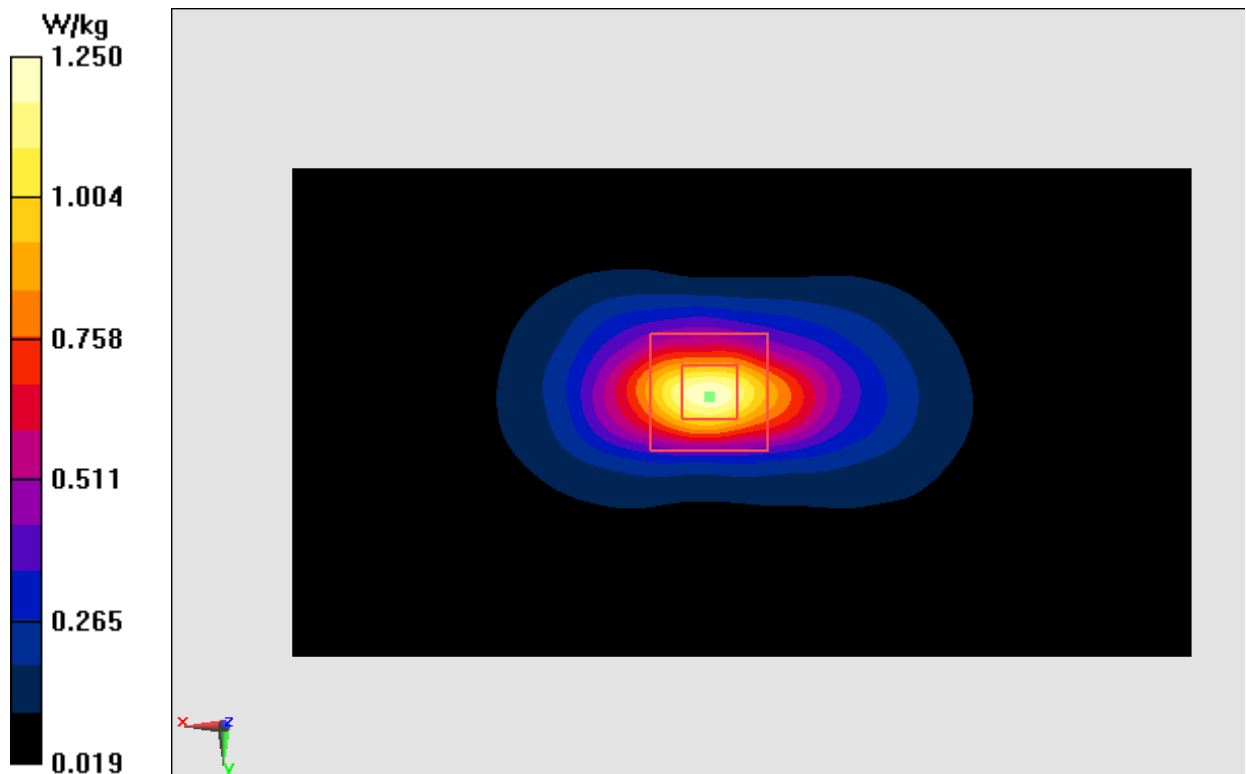


Figure A.14

LTE Band 2_Hotspot off_CH19100 Rear

Date: 2017-2-17

Electronics: DAE4 Sn1331

Medium: Head 1900 MHz

Medium parameters used: $f = 1900$; $\sigma = 1.511$ mho/m; $\epsilon_r = 53.11$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.5°C, Liquid Temperature: 22°C

Communication System: LTEBand2 1900 Duty Cycle: 1:1

Probe: EX3DV4 – SN7307 ConvF(7.67,7.67,7.67)

Area Scan (111x61x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.733 W/kg

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

Reference Value = 9.637 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.619 W/kg; SAR(10 g) = 0.351 W/kg

Maximum value of SAR (measured) = 0.760 W/kg

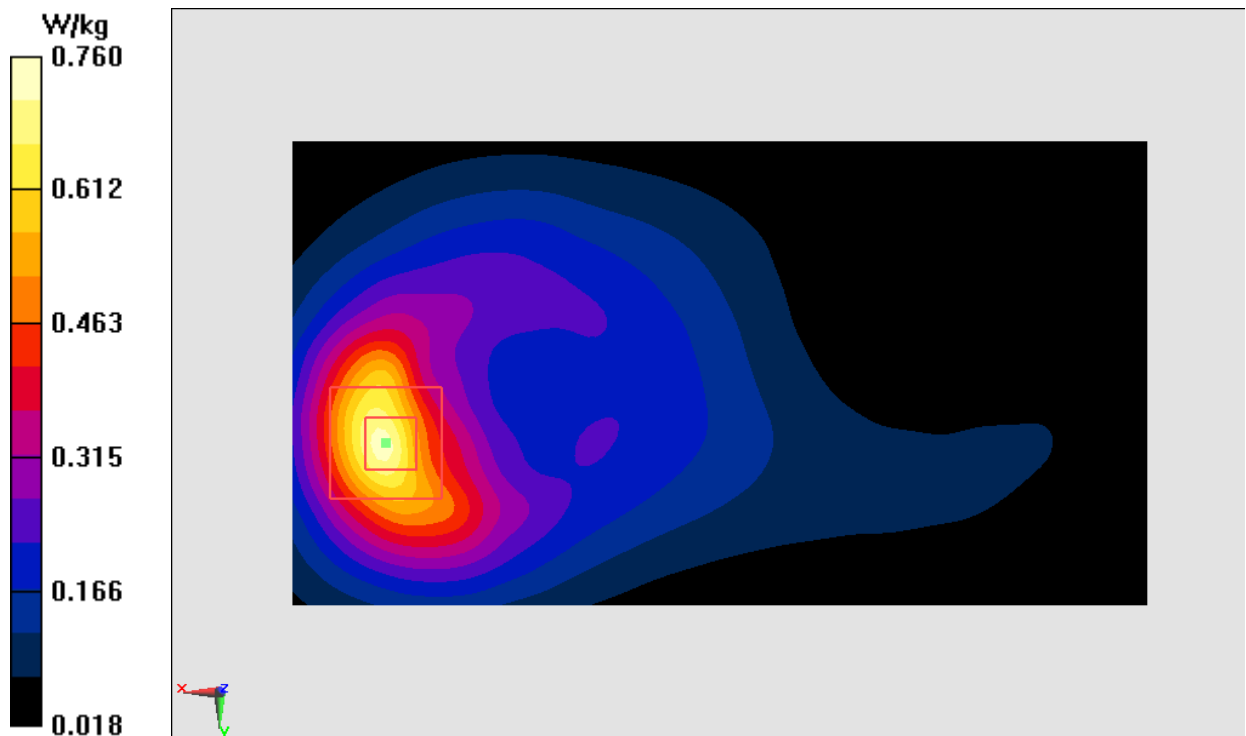


Figure A.15

LTE Band 4_CH20175 Left Cheek

Date: 2017-2-16

Electronics: DAE4 Sn1331

Medium: Head 1750 MHz

Medium parameters used: $f = 1732.5$; $\sigma = 1.351$ mho/m; $\epsilon_r = 39.41$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.5°C, Liquid Temperature: 22°C

Communication System: LTEBand4 1752.6 Duty Cycle: 1:1

Probe: EX3DV4 – SN7307 ConvF(8.37,8.37,8.37)

Area Scan (71x121x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.463 W/kg

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

Reference Value = 3.971 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.617 W/kg

SAR(1 g) = 0.412 W/kg; SAR(10 g) = 0.257 W/kg

Maximum value of SAR (measured) = 0.483 W/kg

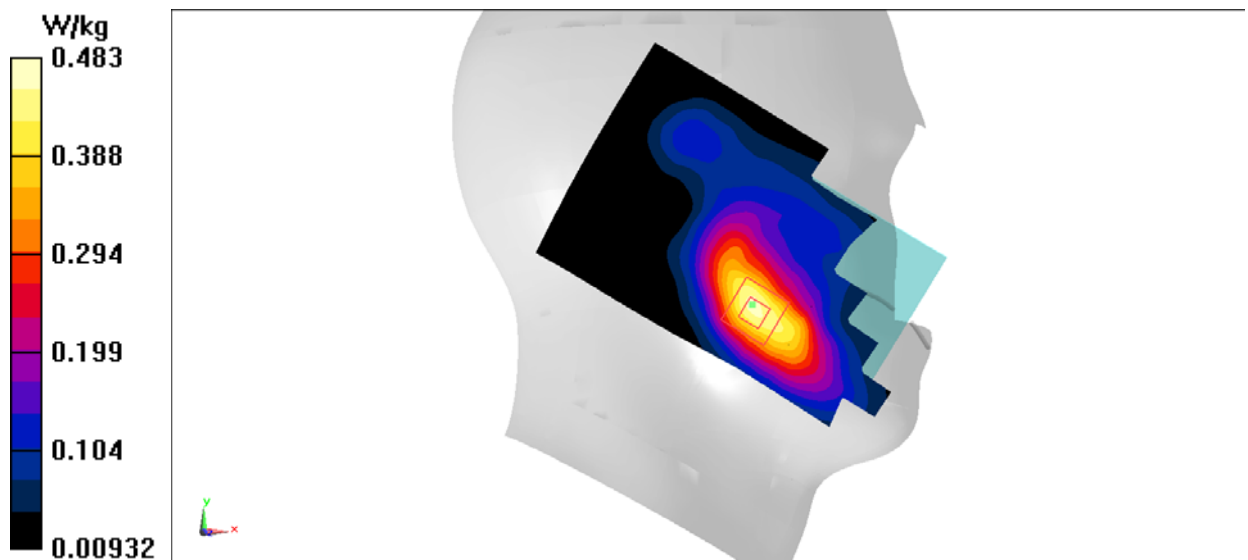


Figure A.16

LTE Band 4_Hotspot on_CH20175 Bottom edge

Date: 2017-2-16

Electronics: DAE4 Sn1331

Medium: Head 1750 MHz

Medium parameters used: $f = 1732.5$; $\sigma = 1.449$ mho/m; $\epsilon_r = 53.27$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.5°C, Liquid Temperature: 22°C

Communication System: LTEBand4 1732.5 Duty Cycle: 1:1

Probe: EX3DV4 – SN7307 ConvF(8.18,8.18,8.18)

Area Scan (111x61x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.680 W/kg

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

Reference Value = 19.67 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.947 W/kg

SAR(1 g) = 0.569 W/kg; SAR(10 g) = 0.299 W/kg

Maximum value of SAR (measured) = 0.721 W/kg

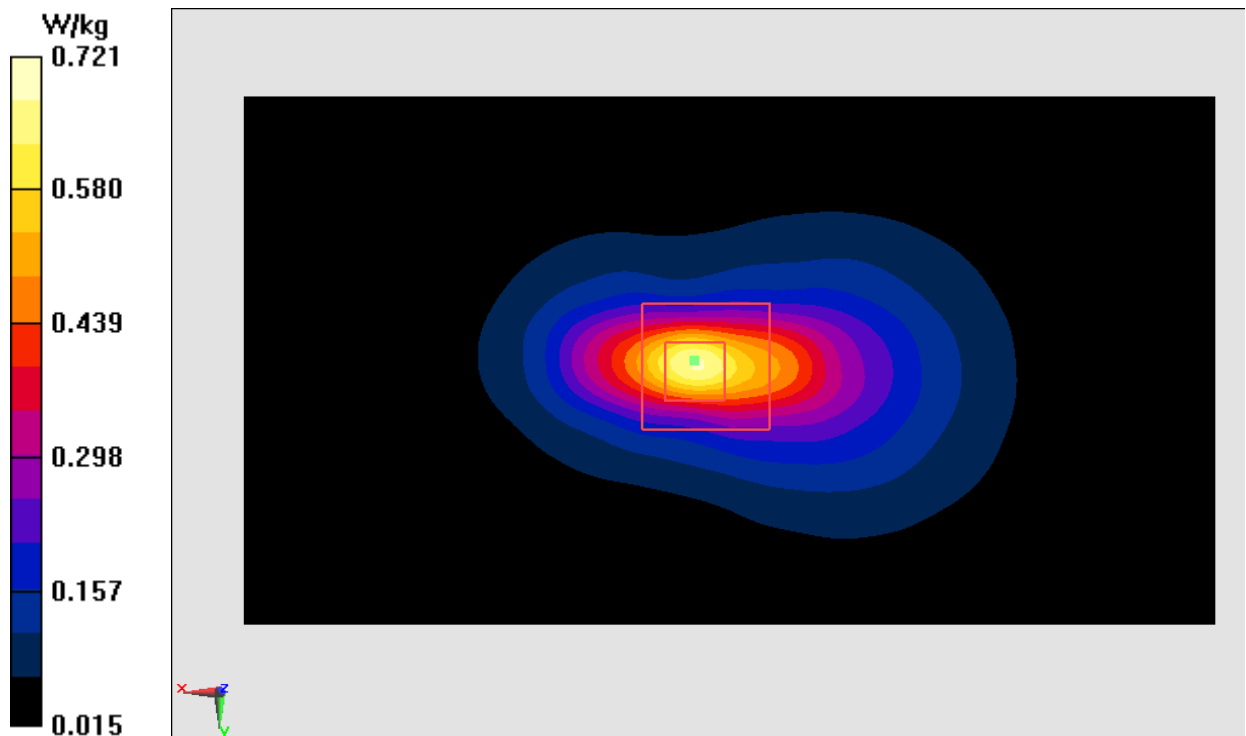


Figure A.17

LTE Band 4_Hotspot off_CH20175 Rear

Date: 2017-2-16

Electronics: DAE4 Sn1331

Medium: Head 1750 MHz

Medium parameters used: $f = 1732.5$; $\sigma = 1.449$ mho/m; $\epsilon_r = 53.27$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.5°C, Liquid Temperature: 22°C

Communication System: LTEBand4 1732.5 Duty Cycle: 1:1

Probe: EX3DV4 – SN7307 ConvF(8.18,8.18,8.18)

Area Scan (111x61x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.568 W/kg

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

Reference Value = 14.48 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.724 W/kg

SAR(1 g) = 0.498 W/kg; SAR(10 g) = 0.339 W/kg

Maximum value of SAR (measured) = 0.566 W/kg

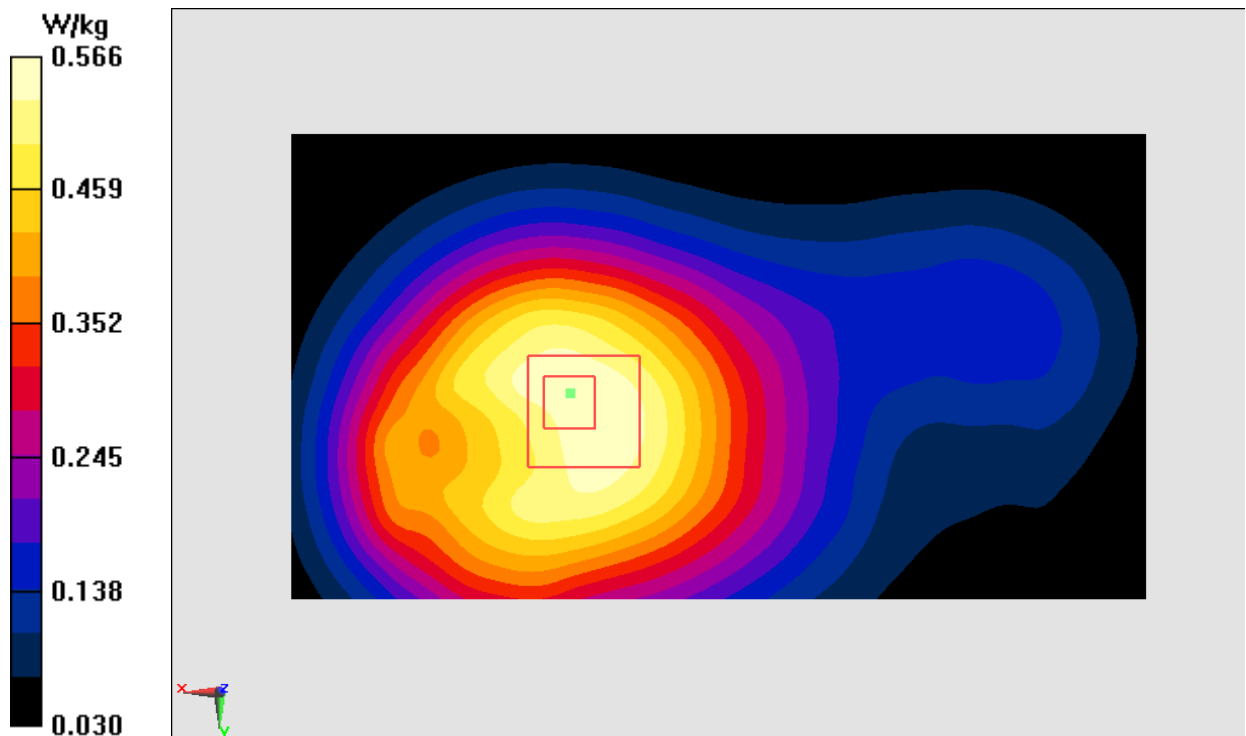


Figure A.18

LTE Band 5_CH20525 Left Cheek

Date: 2017-2-15

Electronics: DAE4 Sn1331

Medium: Head 835 MHz

Medium parameters used: $f = 836.5$; $\sigma = 0.892$ mho/m; $\epsilon_r = 41.27$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.5°C, Liquid Temperature: 22°C

Communication System: LTEBand5 846.6 Duty Cycle: 1:1

Probe: EX3DV4 – SN7307 ConvF(10.01,10.01,10.01)

Area Scan (71x121x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.312 W/kg

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

Reference Value = 4.685 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.370 W/kg

SAR(1 g) = 0.284 W/kg; SAR(10 g) = 0.215 W/kg

Maximum value of SAR (measured) = 0.320 W/kg

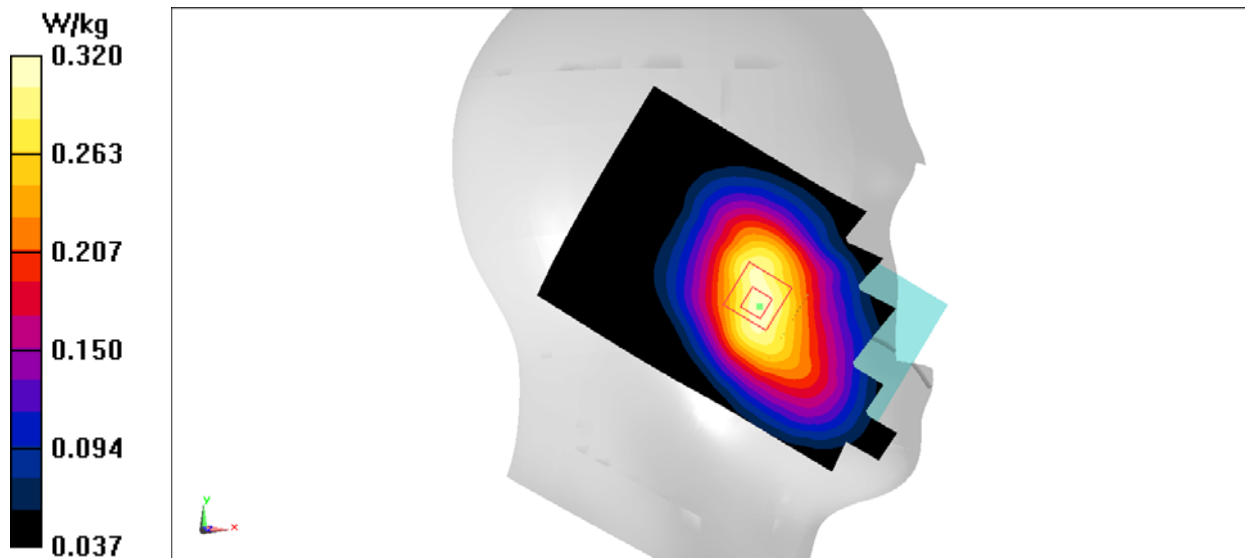


Figure A.19

LTE Band 5_CH20525 Rear

Date: 2017-2-15

Electronics: DAE4 Sn1331

Medium: Head 835 MHz

Medium parameters used: $f = 836.5$; $\sigma = 0.962$ mho/m; $\epsilon_r = 56.19$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.5°C, Liquid Temperature: 22°C

Communication System: LTEBand5 836.5 Duty Cycle: 1:1

Probe: EX3DV4 – SN7307 ConvF(9.83,9.83,9.83)

Area Scan (111x61x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.466 W/kg

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

Reference Value = 20.13 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.542 W/kg

SAR(1 g) = 0.406 W/kg; SAR(10 g) = 0.305 W/kg

Maximum value of SAR (measured) = 0.447 W/kg

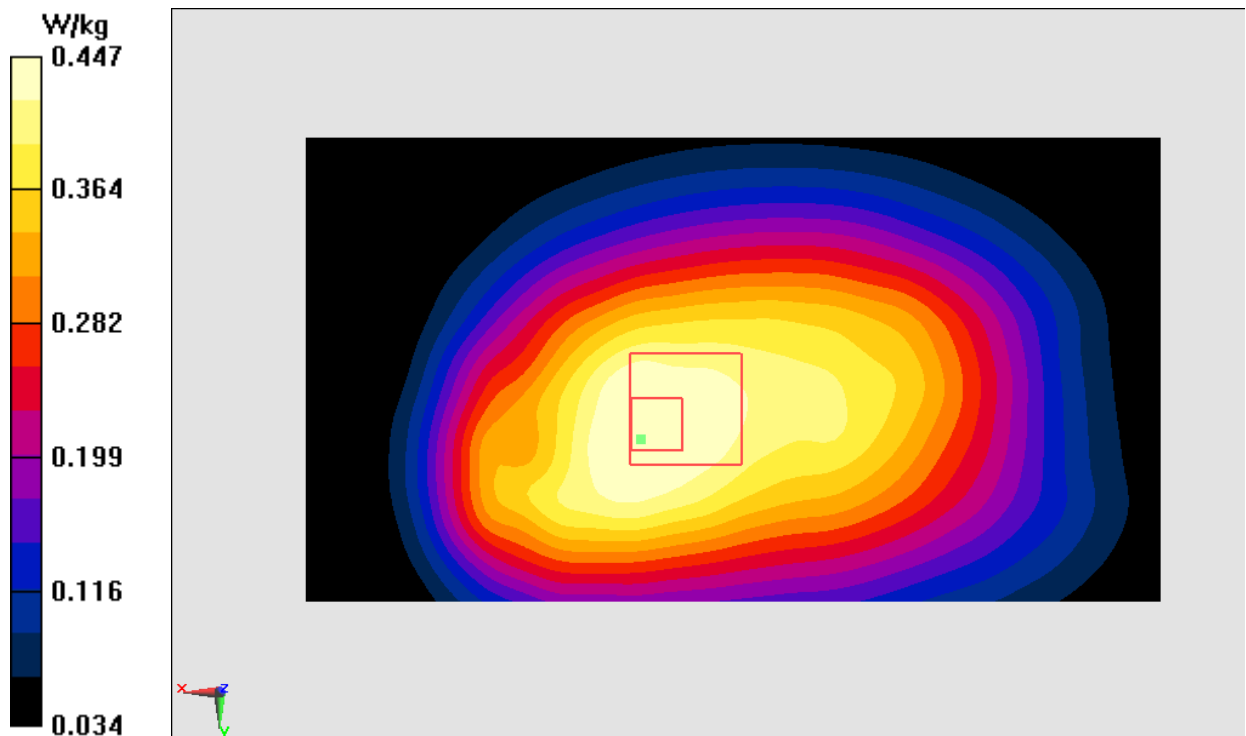


Figure A.20

LTE Band 12_CH23130 Left Cheek

Date: 2017-2-14

Electronics: DAE4 Sn1331

Medium: Head 750 MHz

Medium parameters used: $f = 711$; $\sigma = 0.882$ mho/m; $\epsilon_r = 41.37$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.5°C, Liquid Temperature: 22°C

Communication System: LTEBand12 1860 Duty Cycle: 1:1

Probe: EX3DV4 – SN7307 ConvF(10.47,10.47,10.47)

Area Scan (71x121x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.260 W/kg

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

Reference Value = 9.146 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.300 W/kg

SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.187 W/kg

Maximum value of SAR (measured) = 0.263 W/kg

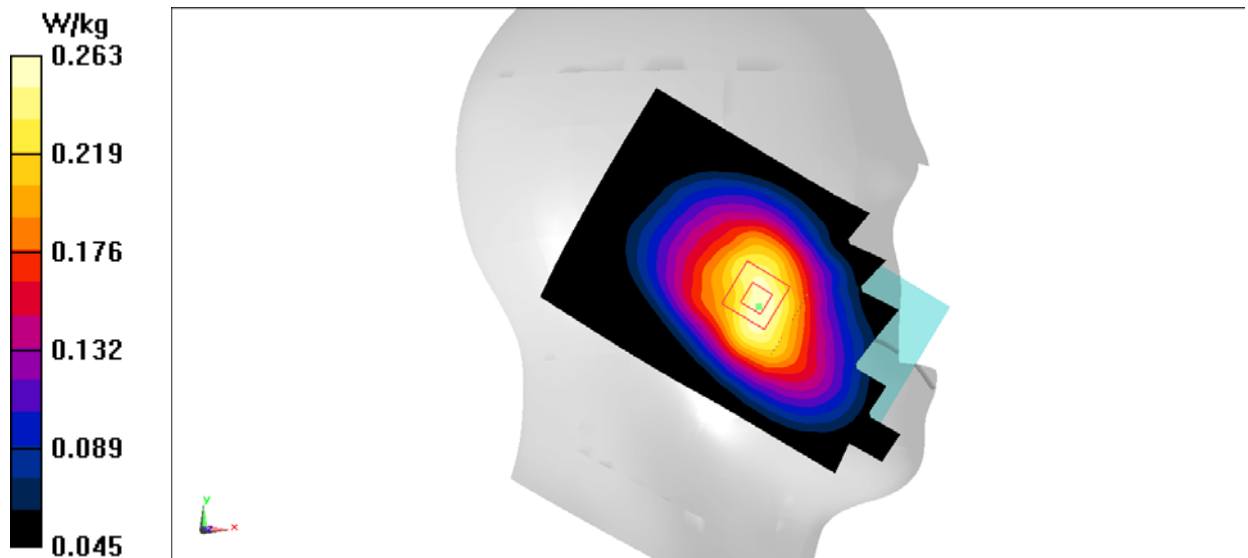


Figure A.21

LTE Band 12_CH23130 Rear

Date: 2017-2-14

Electronics: DAE4 Sn1331

Medium: Head 750 MHz

Medium parameters used: $f = 711$; $\sigma = 0.949$ mho/m; $\epsilon_r = 54.92$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.5°C, Liquid Temperature: 22°C

Communication System: LTEBand12 711 Duty Cycle: 1:1

Probe: EX3DV4 – SN7307 ConvF(9.93,9.93,9.93)

Area Scan (111x61x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.423 W/kg

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

Reference Value = 19.70 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.504 W/kg

SAR(1 g) = 0.397 W/kg; SAR(10 g) = 0.308 W/kg

Maximum value of SAR (measured) = 0.432 W/kg

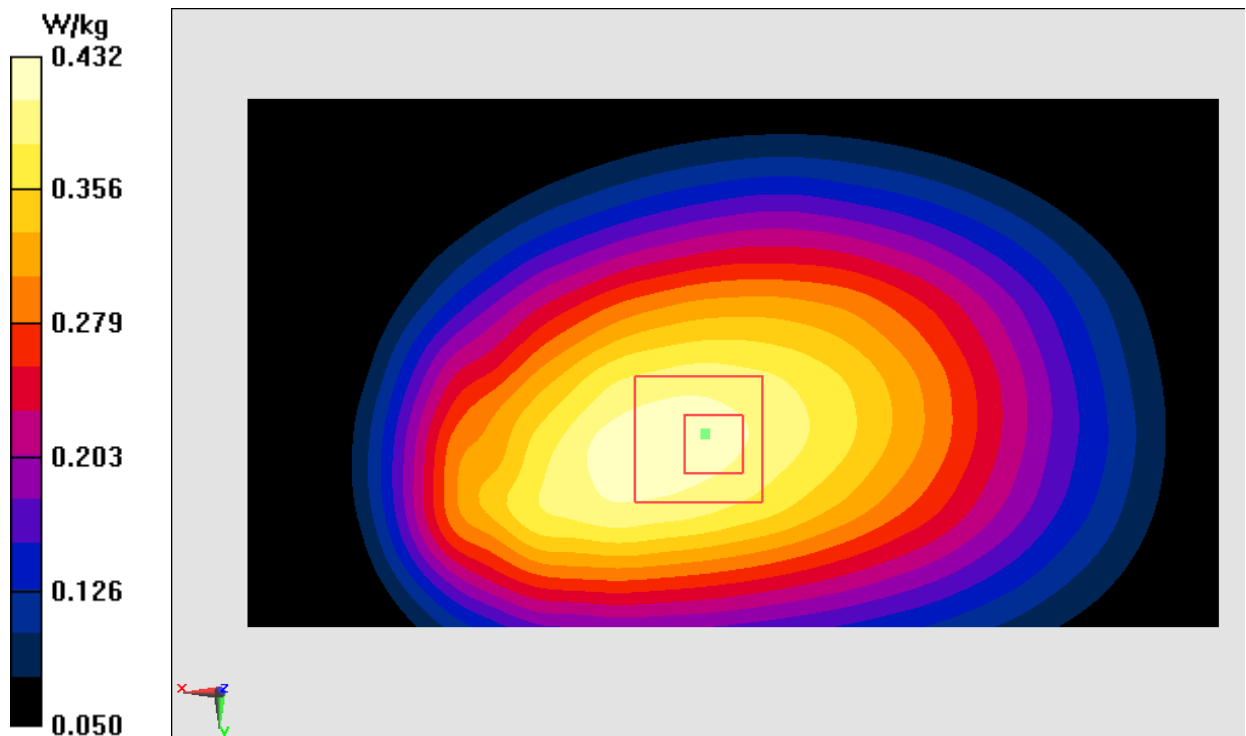


Figure A.22

ANNEX J Accreditation Certificate



China National Accreditation Service for Conformity Assessment
LABORATORY ACCREDITATION CERTIFICATE
(Registration No. CNAS L0570)

Telecommunication Technology Labs,
Academy of Telecommunication Research, MIIT
No.52, Huayuan North Road, Haidian District, Beijing, China
No.51, Xueyuan Road, Haidian District, Beijing, China

TCL International E City, No. 1001 Zhongshanyuan Road, Nanshan
District, Shenzhen, Guangdong Province

is accredited in accordance with ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories(CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence to undertake testing and calibration service as described in the schedule attached to this certificate.

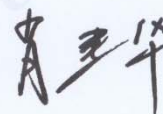
The scope of accreditation is detailed in the attached schedule bearing the same registration number as above. The schedule form an integral part of this certificate.

Date of Issue: 2015-11-13

Date of Expiry: 2017-06-19

Date of Initial Accreditation: 1998-07-03

Signed on behalf of China National Accreditation Service for Conformity Assessment



China National Accreditation Service for Conformity Assessment(CNAS) is authorized by Certification and Accreditation Administration of the People' s Republic of China (CNCA) to operate the national accreditation schemes for conformity assessment. CNAS is a signatory of the International Laboratory Accreditation Cooperation Mutual Recognition Arrangement (ILAC MRA) and the Asia Pacific Laboratory Accreditation Cooperation Mutual Recognition Arrangement (APLAC MRA). The validity of the certificate can be checked on CNAS website at <http://www.cnas.org.cn/english/findanaccreditedbody/index.shtml>