

TA Technology (Shanghai) Co., Ltd.

Test Report

Report No.: RXA1402-0022SAR01R2

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UMTS Band V Right Cheek Middle

Date/Time: 2/23/2014 12:26:54 AM

Communication System: WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 837$ MHz; $\sigma = 0.932$ mho/m; $\epsilon_r = 41.357$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Right Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(9.41, 9.41, 9.41); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM1; Type: SAM; Serial: TP-1534

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Right Cheek Middle /Area Scan (51x101x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.452 W/kg

Right Cheek Middle /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.304 V/m; Power Drift = -0.057 dB

Peak SAR (extrapolated) = 0.552 mW/g

SAR(1 g) = 0.437 mW/g; SAR(10 g) = 0.329 mW/g

Maximum value of SAR (measured) = 0.462 W/kg

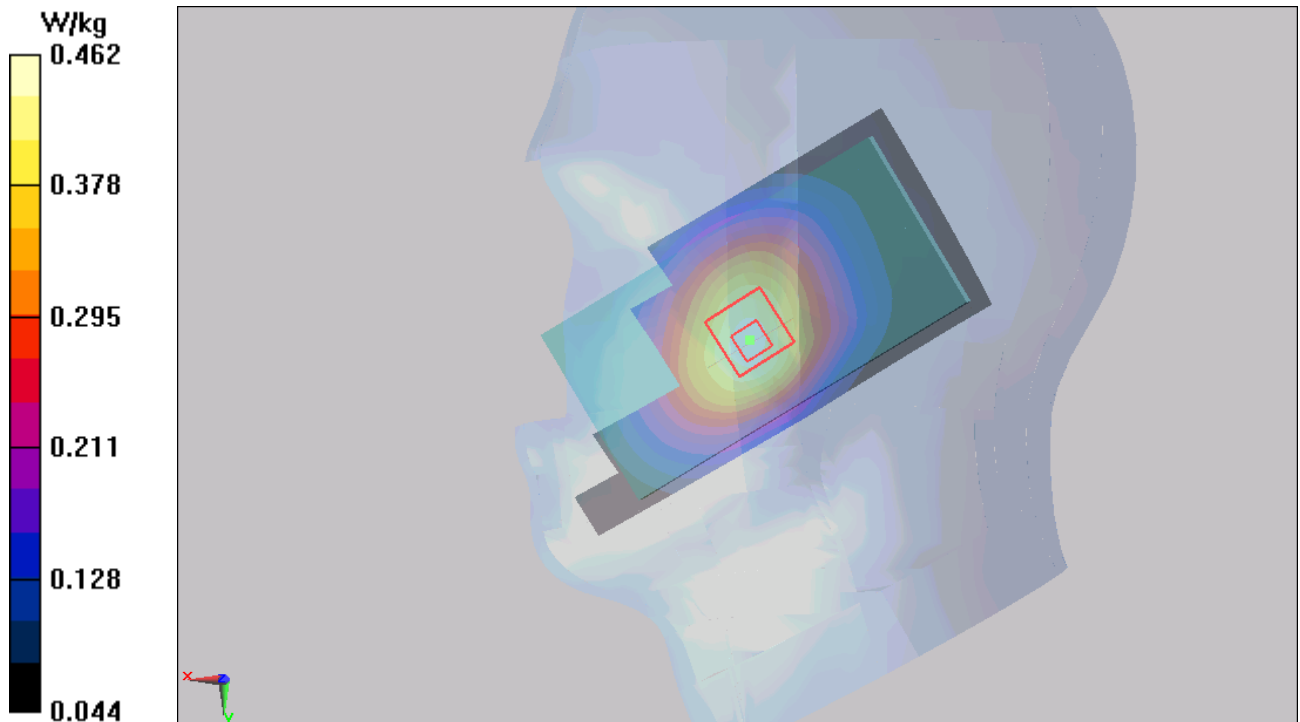


Figure 150 Right Hand Touch Cheek UMTS Band V Channel 4183

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UMTS Band V Right Cheek Low

Date/Time: 2/23/2014 12:59:21 AM

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

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.921$ mho/m; $\epsilon_r = 41.437$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Right Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(9.41, 9.41, 9.41); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM1; Type: SAM; Serial: TP-1534

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Right Cheek Low /Area Scan (51x101x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.517 W/kg

Right Cheek Low /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.312 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.619 mW/g

SAR(1 g) = 0.493 mW/g; SAR(10 g) = 0.372 mW/g

Maximum value of SAR (measured) = 0.518 W/kg

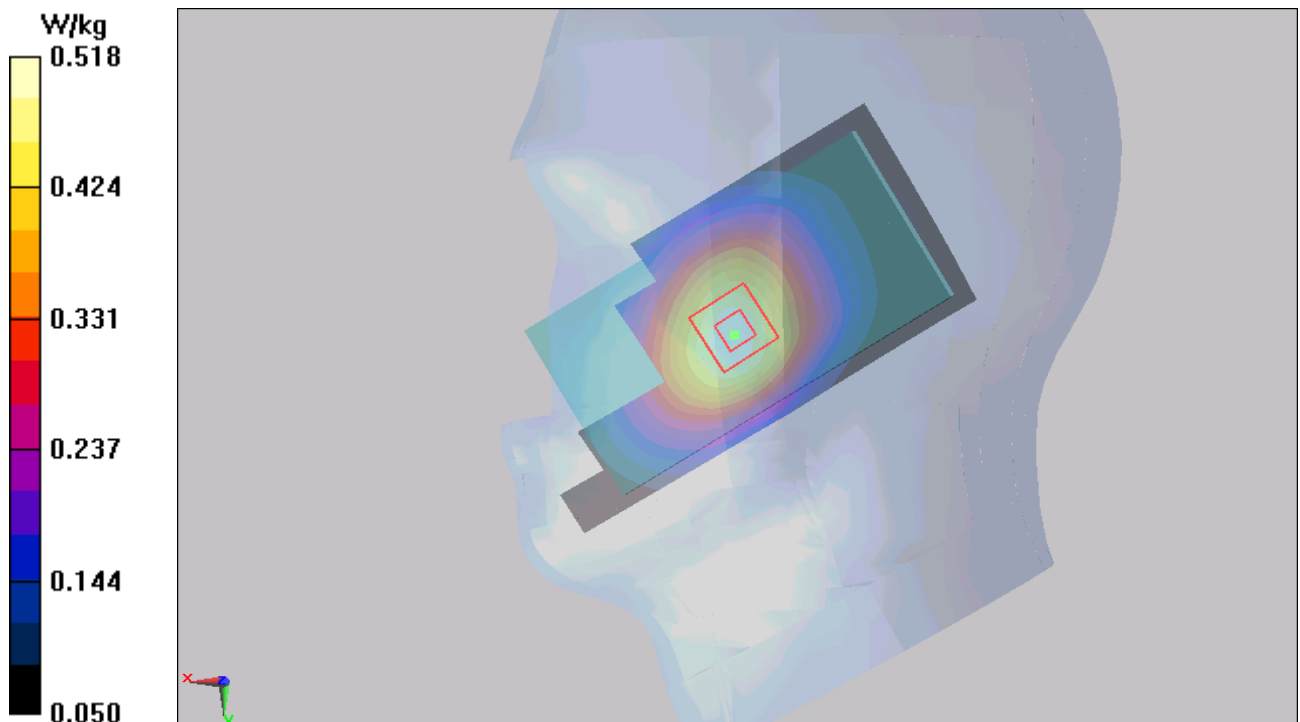


Figure 151 Right Hand Touch Cheek UMTS Band V Channel 4132

UMTS Band V Right Tilt High

Date/Time: 2/23/2014 1:45:55 AM

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 847$ MHz; $\sigma = 0.943$ mho/m; $\epsilon_r = 41.323$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Right Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(9.41, 9.41, 9.41); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM1; Type: SAM; Serial: TP-1534

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Right Tilt High /Area Scan (51x101x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.347 W/kg

Right Tilt High /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.879 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.418 mW/g

SAR(1 g) = 0.331 mW/g; SAR(10 g) = 0.251 mW/g

Maximum value of SAR (measured) = 0.347 W/kg

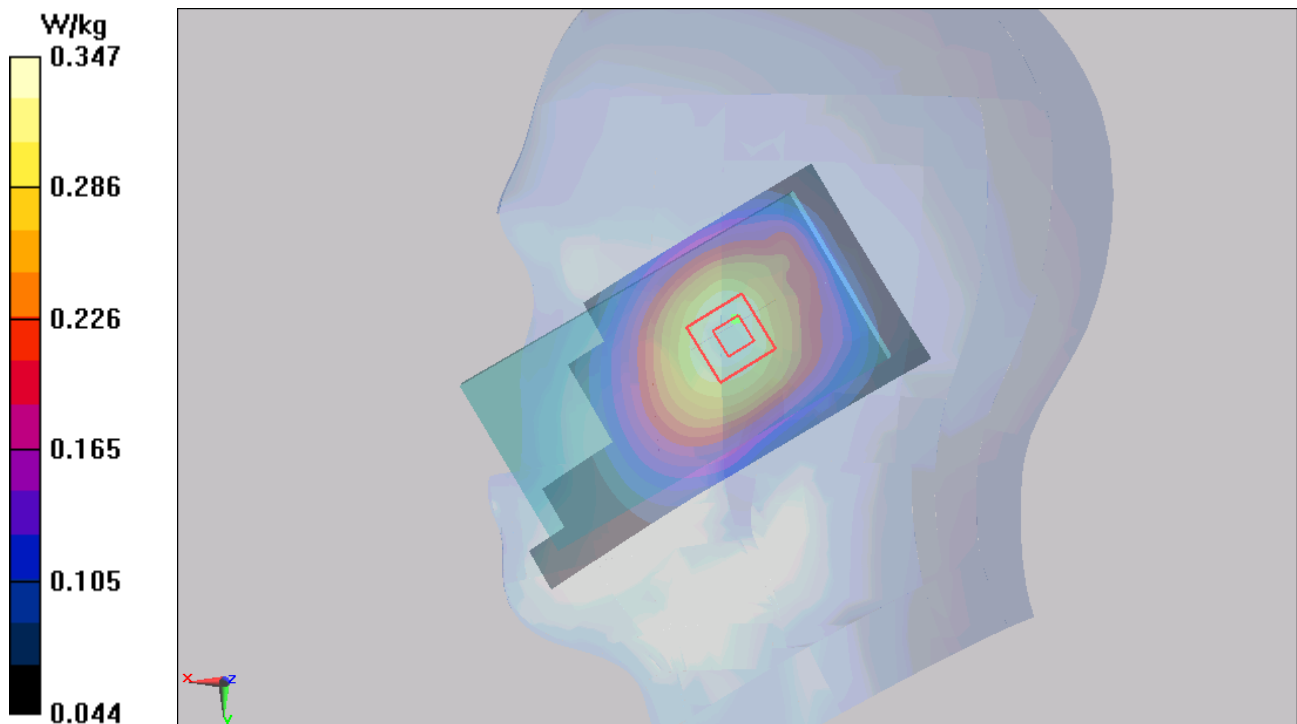


Figure 152 Right Hand Tilt 15° UMTS Band V Channel 4233

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UMTS Band V Right Tilt Middle

Date/Time: 2/23/2014 1:30:28 AM

Communication System: WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 837$ MHz; $\sigma = 0.932$ mho/m; $\epsilon_r = 41.357$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Right Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(9.41, 9.41, 9.41); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM1; Type: SAM; Serial: TP-1534

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Right Tilt Middle /Area Scan (51x101x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.392 W/kg

Right Tilt Middle /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.957 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.484 mW/g

SAR(1 g) = 0.384 mW/g; SAR(10 g) = 0.292 mW/g

Maximum value of SAR (measured) = 0.400 W/kg

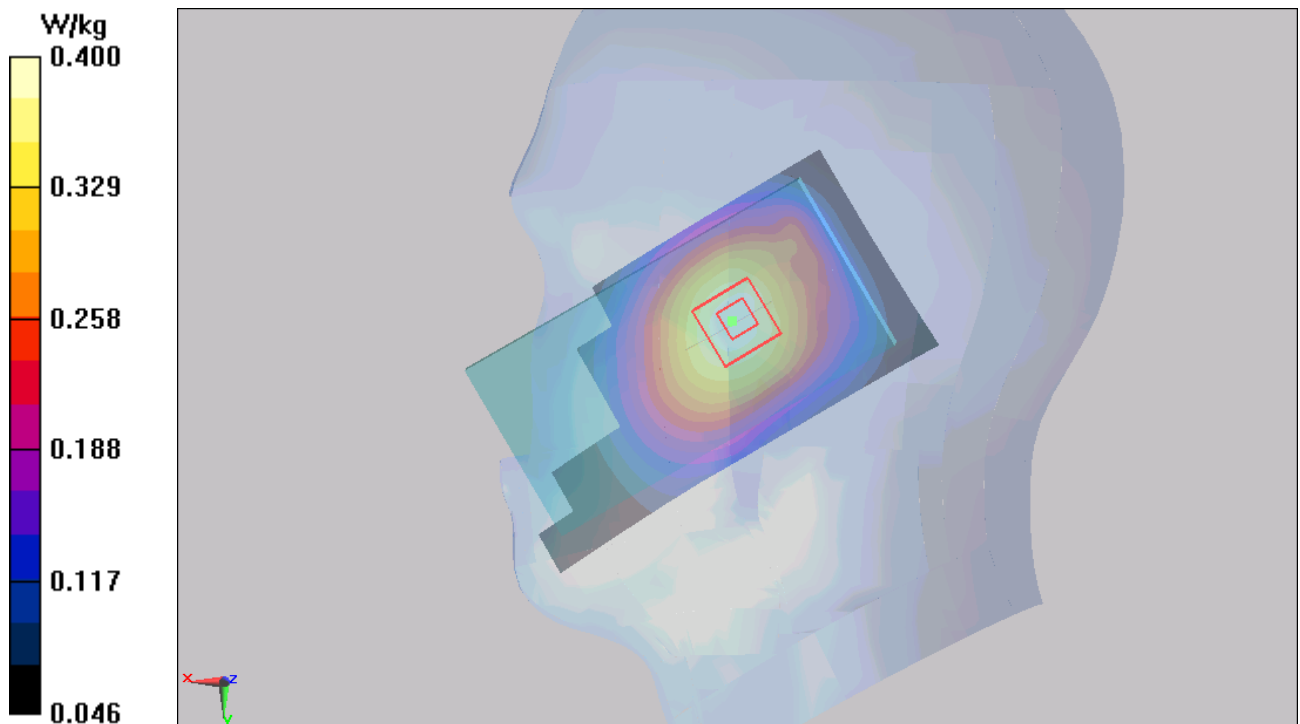


Figure 153 Right Hand Tilt 15° UMTS Band V Channel 4183

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UMTS Band V Right Tilt Low

Date/Time: 2/23/2014 1:14:59 AM

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

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.921$ mho/m; $\epsilon_r = 41.437$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Right Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(9.41, 9.41, 9.41); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM1; Type: SAM; Serial: TP-1534

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Right Tilt Low /Area Scan (51x101x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.439 W/kg

Right Tilt Low /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.589 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.532 mW/g

SAR(1 g) = 0.426 mW/g; SAR(10 g) = 0.324 mW/g

Maximum value of SAR (measured) = 0.446 W/kg

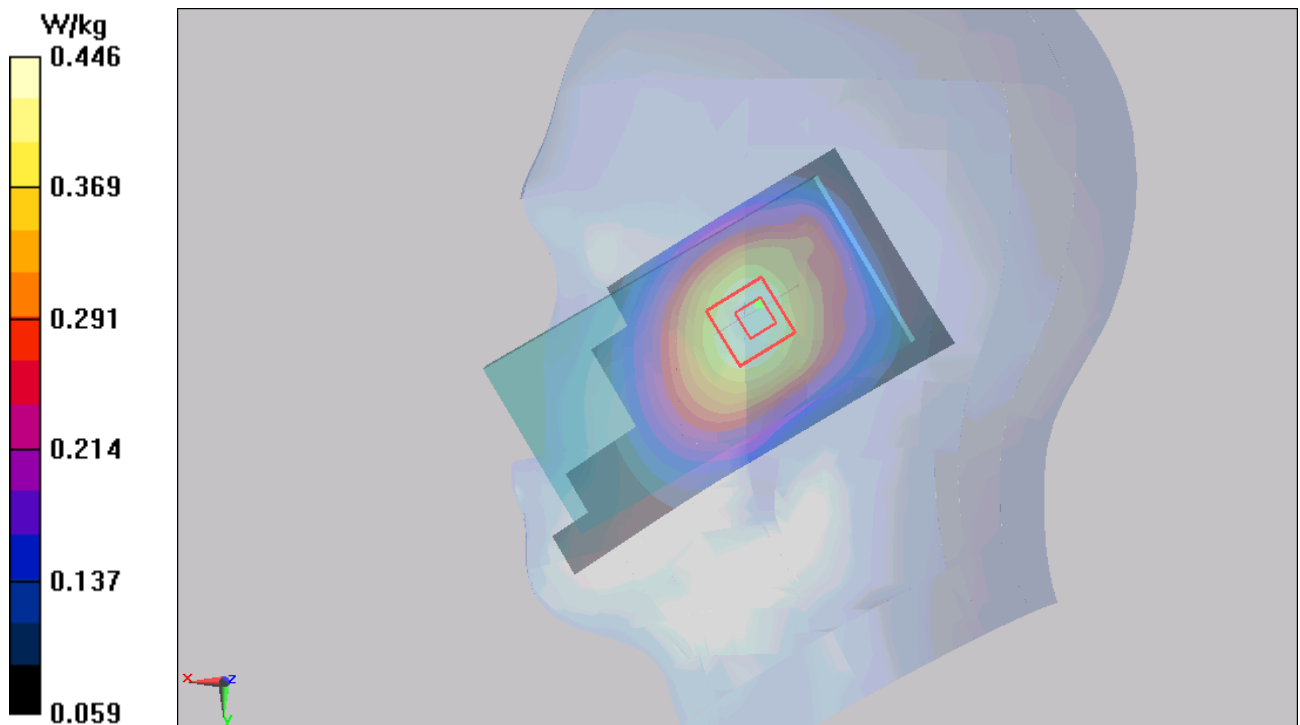


Figure 154 Right Hand Tilt 15° UMTS Band V Channel 4132

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UMTS Band V Right Cheek Low (Battery 2)

Date/Time: 2/23/2014 4:05:14 AM

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

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.921$ mho/m; $\epsilon_r = 41.437$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Right Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(9.41, 9.41, 9.41); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM1; Type: SAM; Serial: TP-1534

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Right Cheek Low /Area Scan (51x101x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.514 W/kg

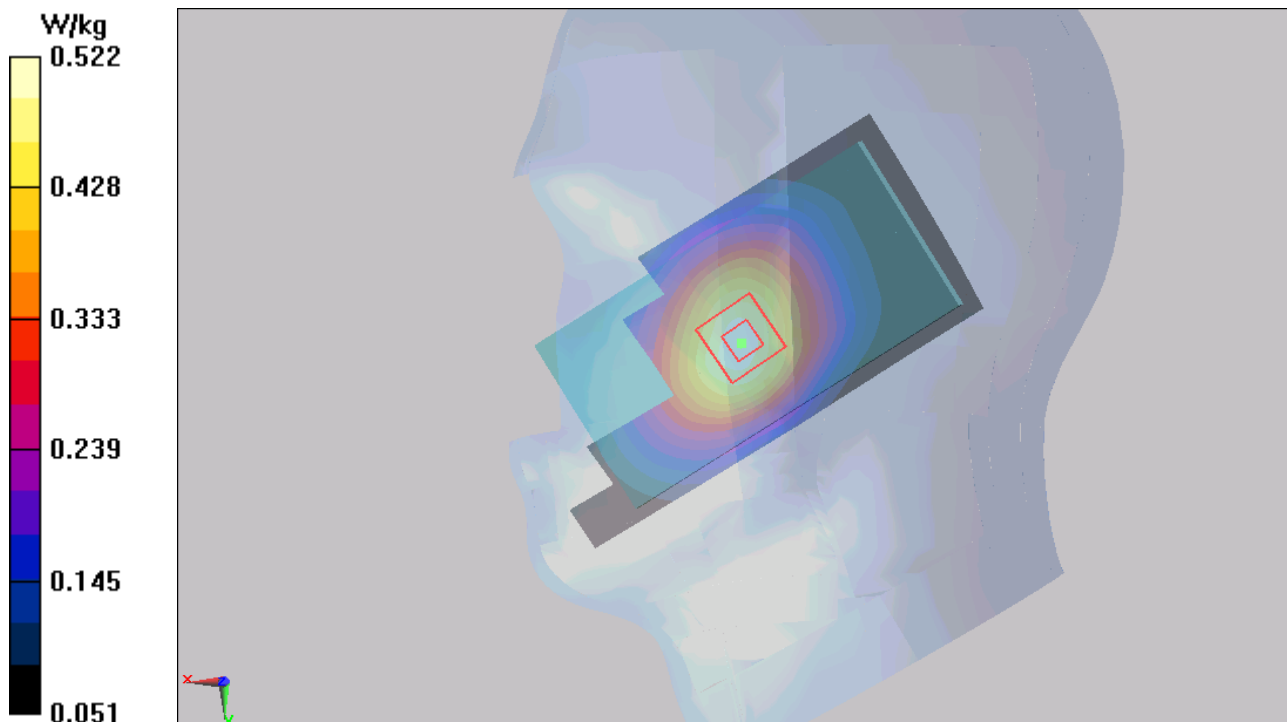
Right Cheek Low /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.344 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.621 mW/g

SAR(1 g) = 0.495 mW/g; SAR(10 g) = 0.371 mW/g

Maximum value of SAR (measured) = 0.522 W/kg



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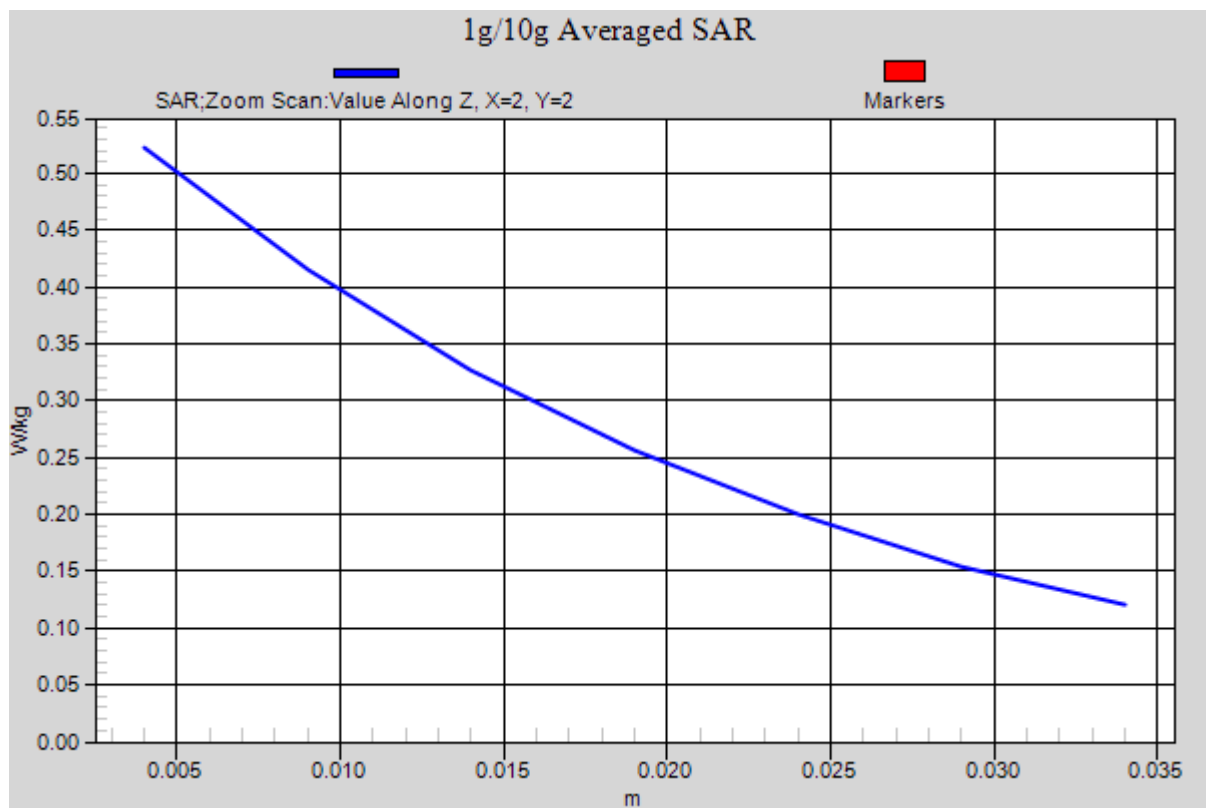


Figure 155 Right Hand Touch Cheek UMTS Band V Channel 4132

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UMTS Band V Back Side High

Date/Time: 2/23/2014 11:37:11 AM

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 847$ MHz; $\sigma = 1.005$ mho/m; $\epsilon_r = 54.978$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(9.51, 9.51, 9.51); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM1; Type: SAM; Serial: TP-1534

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Back Side High /Area Scan (61x101x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.679 W/kg

Back Side High /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.655 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.808 mW/g

SAR(1 g) = 0.638 mW/g; SAR(10 g) = 0.478 mW/g

Maximum value of SAR (measured) = 0.665 W/kg

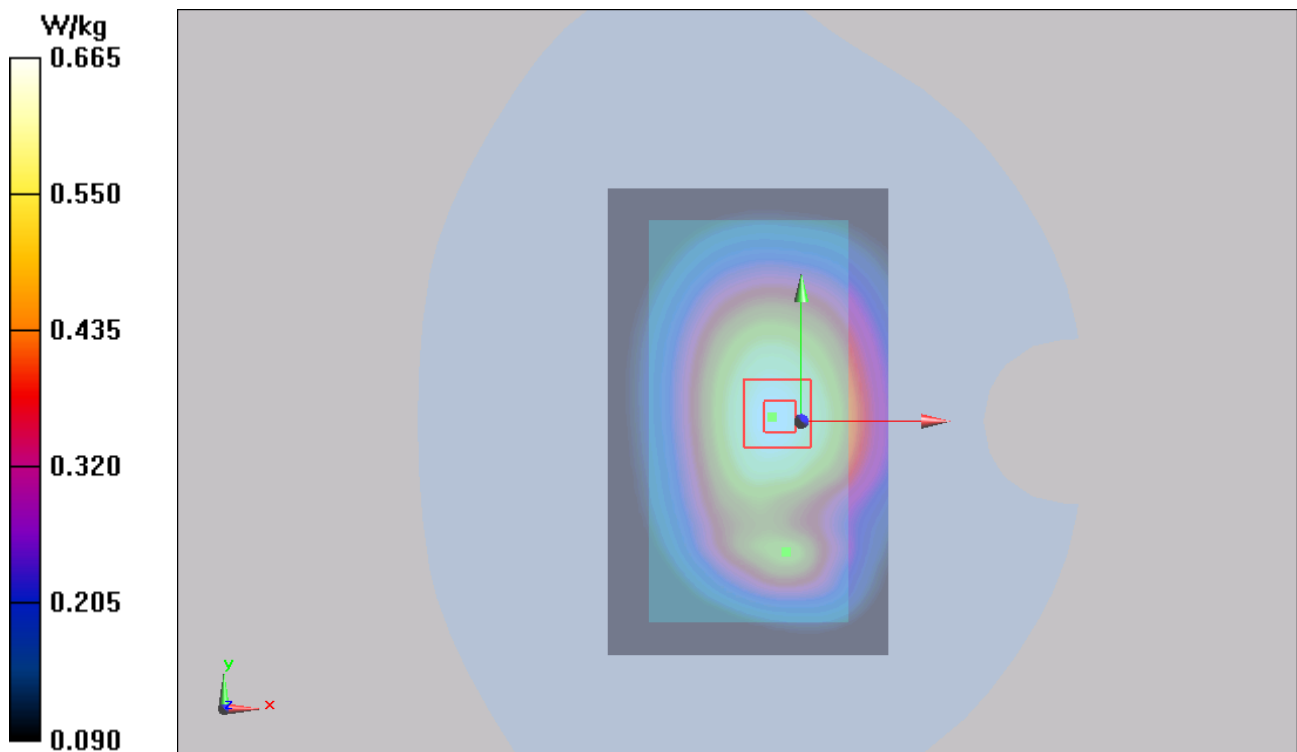


Figure 156 Body, Back Side, UMTS Band V Channel 4233

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UMTS Band V Back Side Middle

Date/Time: 2/23/2014 10:08:48 AM

Communication System: WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 837$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 55.073$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(9.51, 9.51, 9.51); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM1; Type: SAM; Serial: TP-1534

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Back Side Middle /Area Scan (61x101x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.772 W/kg

Back Side Middle /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.661 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.924 mW/g

SAR(1 g) = 0.727 mW/g; SAR(10 g) = 0.544 mW/g

Maximum value of SAR (measured) = 0.764 W/kg

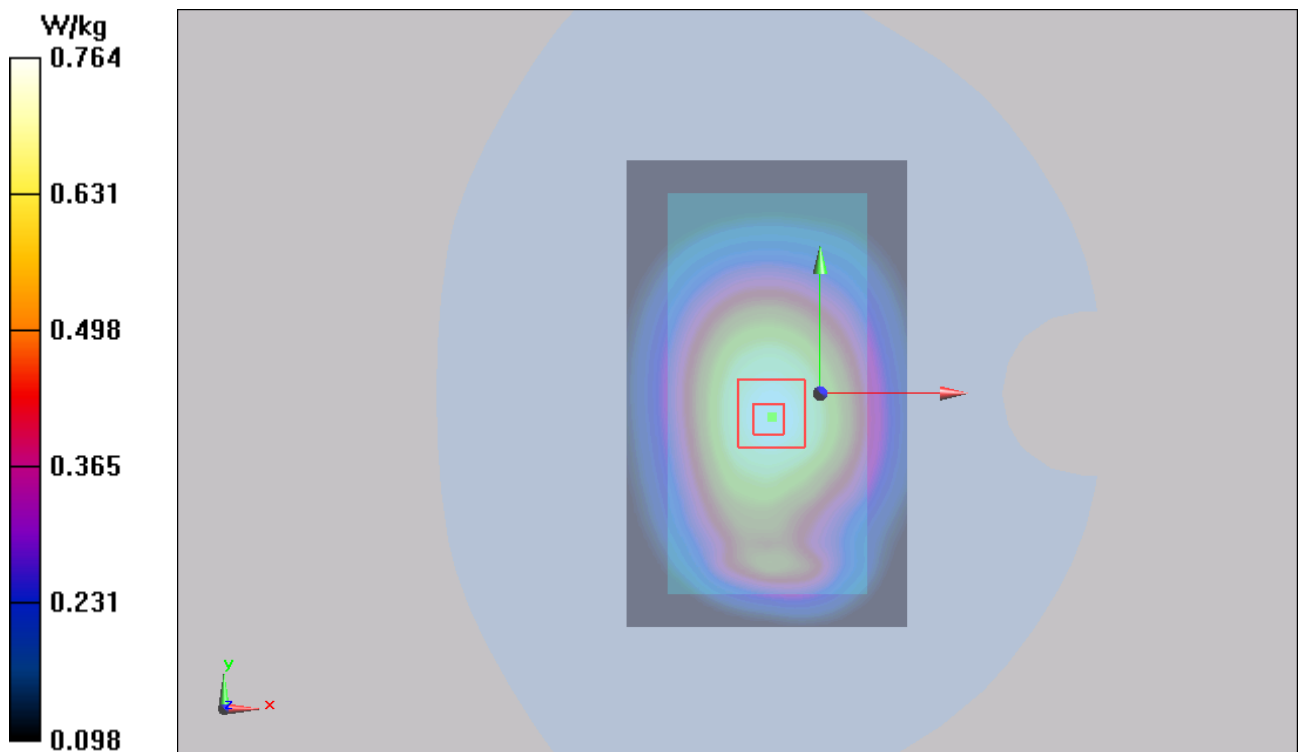


Figure 157 Body, Back Side, UMTS Band V Channel 4183

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UMTS Band V Back Side Low

Date/Time: 2/23/2014 11:55:20 AM

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

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r = 55.173$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(9.51, 9.51, 9.51); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM1; Type: SAM; Serial: TP-1534

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Back Side Low /Area Scan (61x101x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.800 W/kg

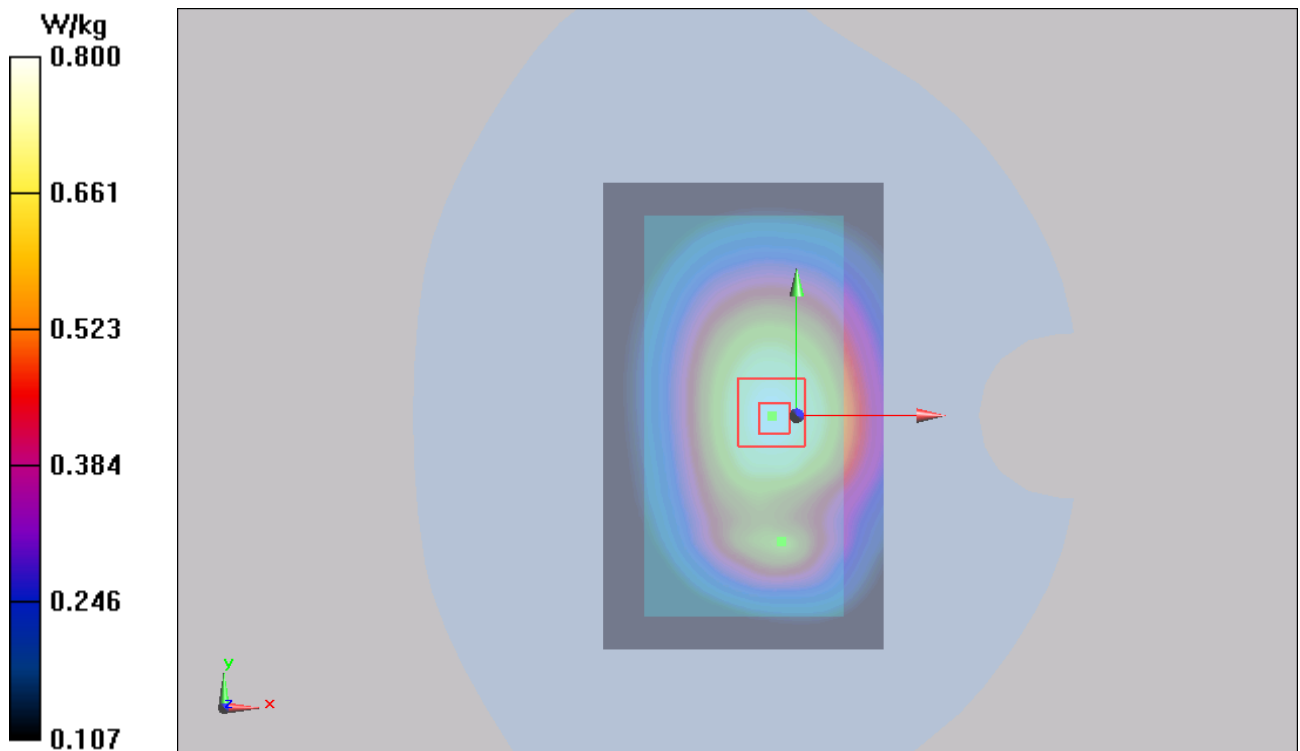
Back Side Low /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.591 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.965 mW/g

SAR(1 g) = 0.763 mW/g; SAR(10 g) = 0.573 mW/g

Maximum value of SAR (measured) = 0.800 W/kg



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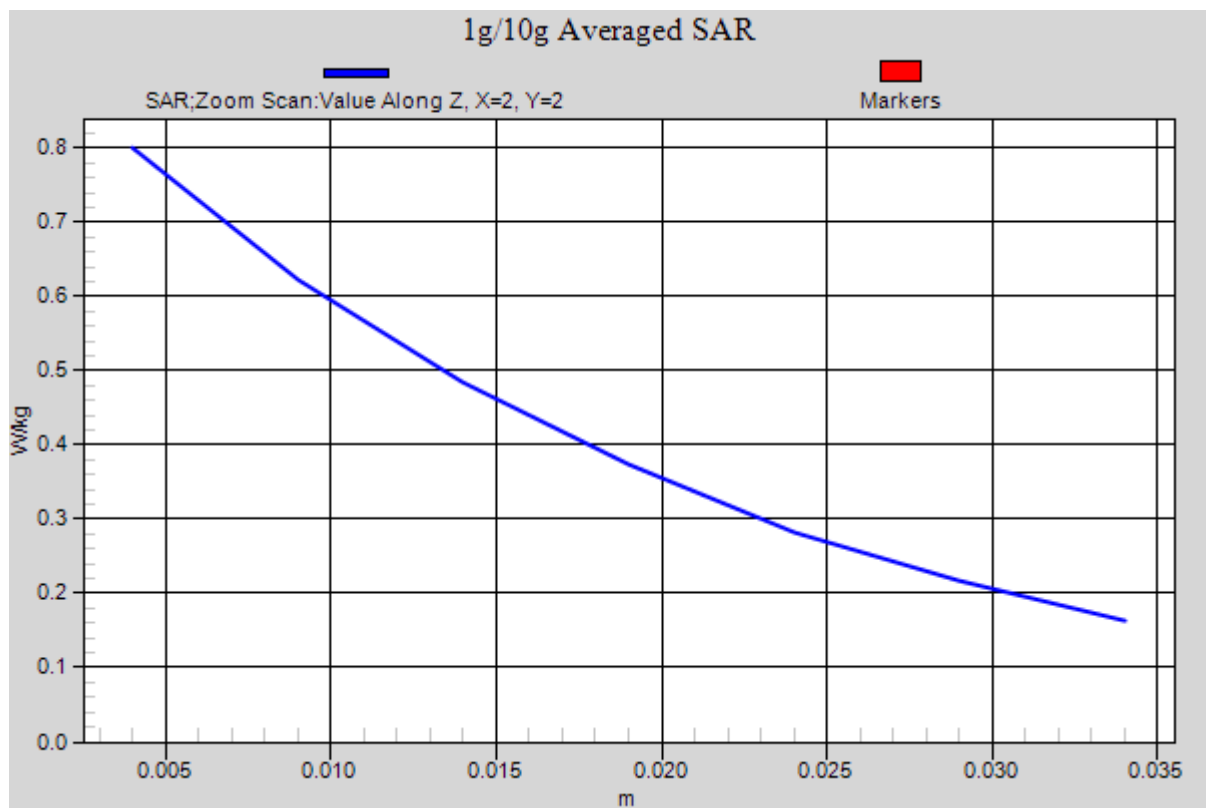


Figure 158 Body, Back Side, UMTS Band V Channel 4132

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UMTS Band V Front Side Middle

Date/Time: 2/23/2014 10:24:38 AM

Communication System: WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 837$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 55.073$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(9.51, 9.51, 9.51); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM1; Type: SAM; Serial: TP-1534

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Front Side Middle /Area Scan (61x101x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.639 W/kg

Front Side Middle /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.752 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.758 mW/g

SAR(1 g) = 0.607 mW/g; SAR(10 g) = 0.459 mW/g

Maximum value of SAR (measured) = 0.635 W/kg

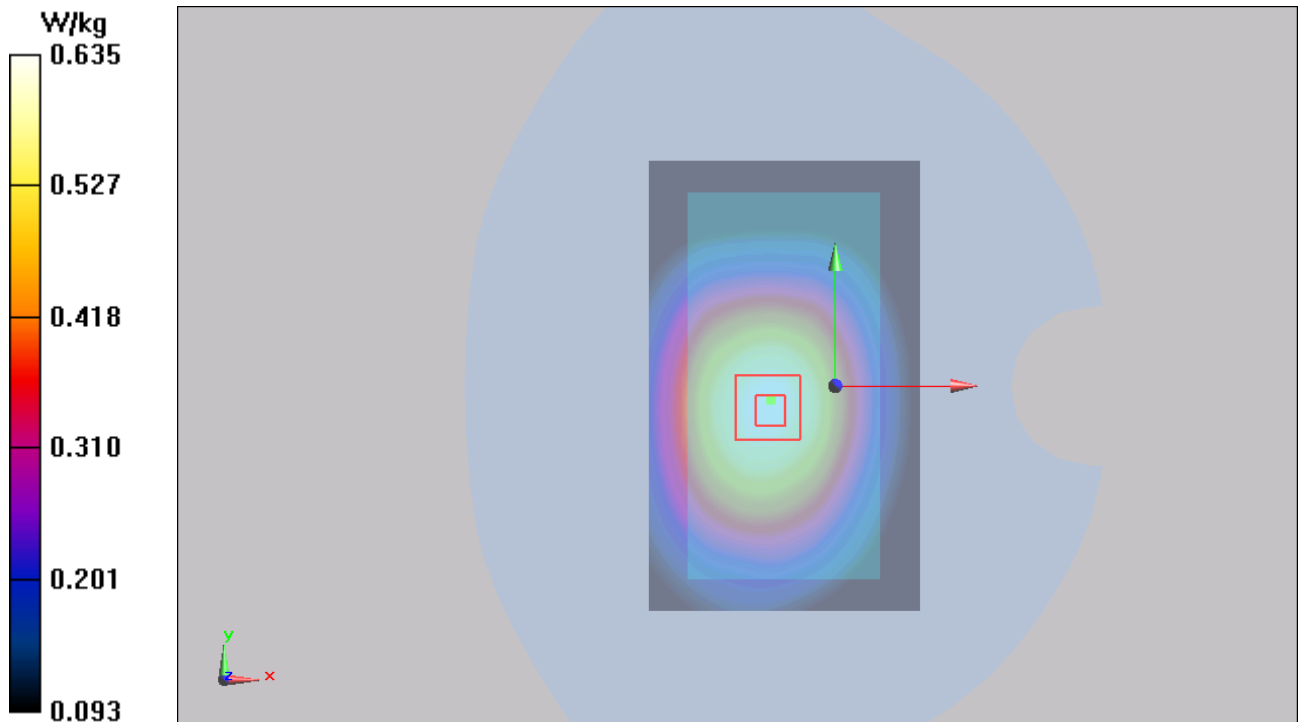


Figure 159 Body, Front Side, UMTS Band V Channel 4183

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UMTS Band V Left Edge Middle

Date/Time: 2/23/2014 10:59:50 AM

Communication System: WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 837$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 55.073$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(9.51, 9.51, 9.51); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM1; Type: SAM; Serial: TP-1534

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Left Edge Middle /Area Scan (31x101x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.435 W/kg

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

Reference Value = 20.368 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.566 mW/g

SAR(1 g) = 0.403 mW/g; SAR(10 g) = 0.277 mW/g

Maximum value of SAR (measured) = 0.426 W/kg

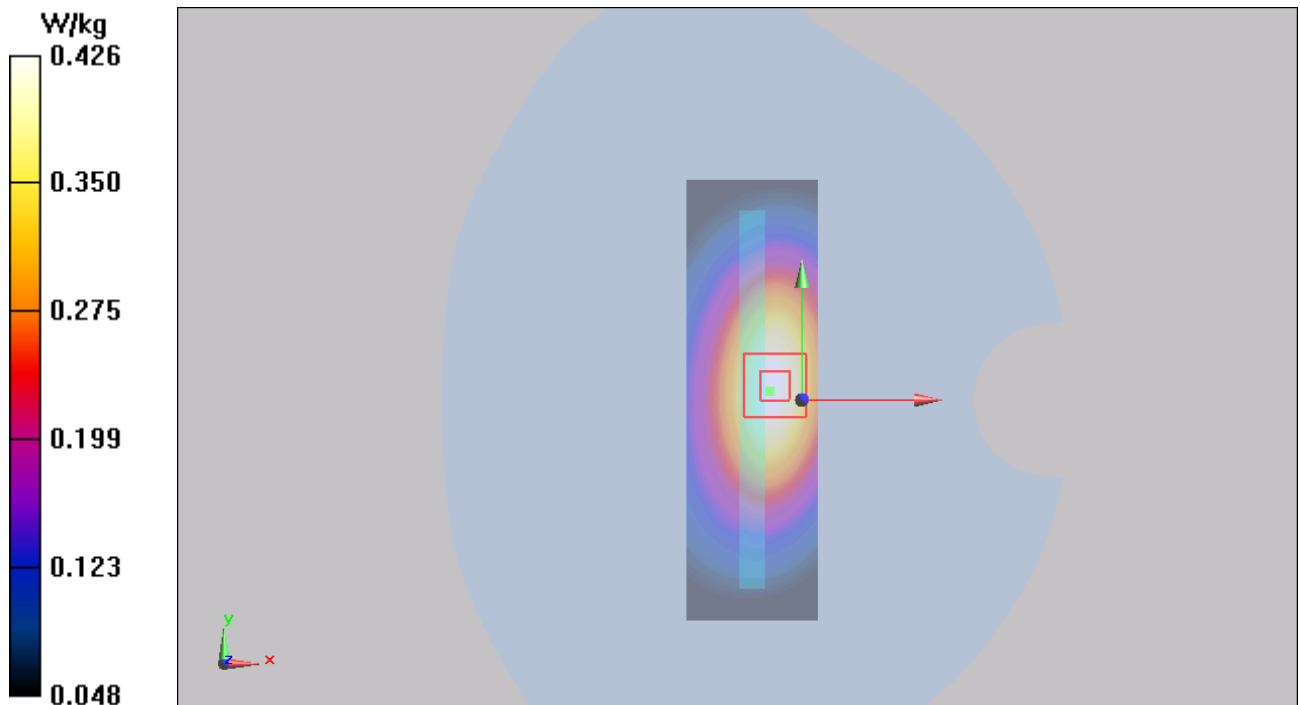


Figure 160 Body, Left Edge, UMTS Band V Channel 4183

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UMTS Band V Right Edge Middle

Date/Time: 2/23/2014 11:14:58 AM

Communication System: WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 837$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 55.073$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(9.51, 9.51, 9.51); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM1; Type: SAM; Serial: TP-1534

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Right Edge Middle /Area Scan (31x101x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.623 W/kg

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

Reference Value = 23.910 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.809 mW/g

SAR(1 g) = 0.575 mW/g; SAR(10 g) = 0.398 mW/g

Maximum value of SAR (measured) = 0.615 W/kg

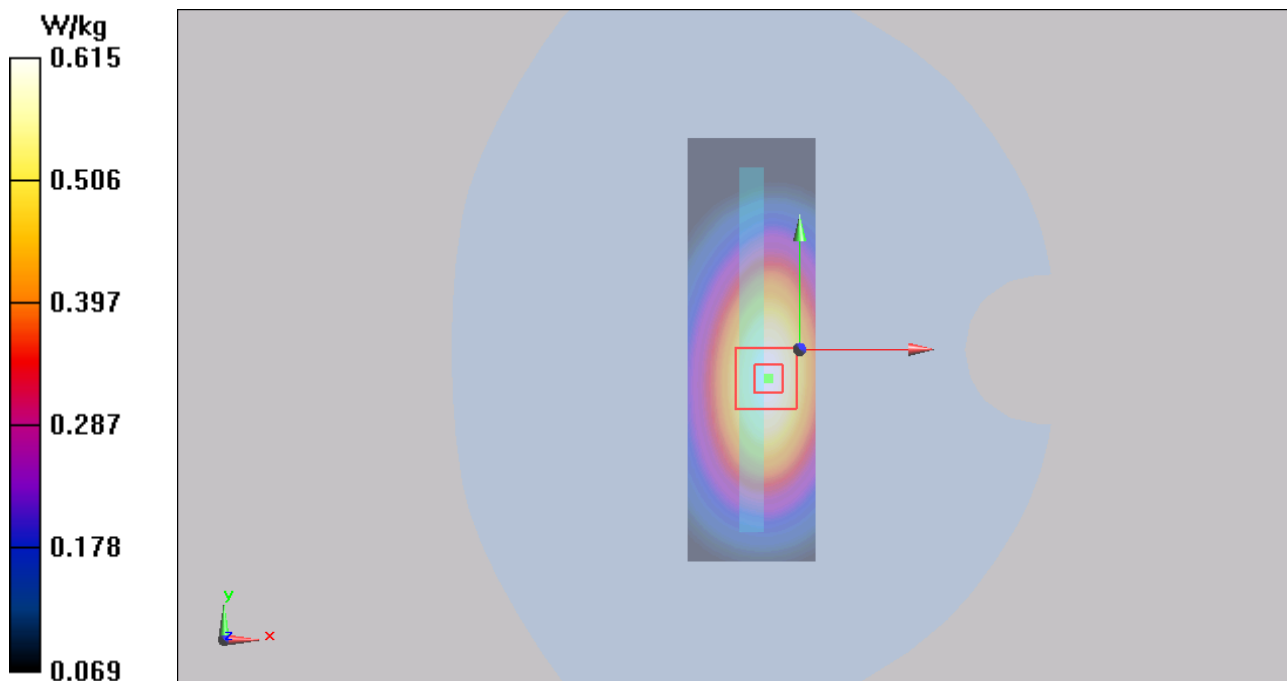


Figure 161 Body, Right Edge, UMTS Band V Channel 4183

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UMTS Band V Bottom Edge Middle

Date/Time: 2/23/2014 10:43:58 AM

Communication System: WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 837$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 55.073$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(9.51, 9.51, 9.51); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM1; Type: SAM; Serial: TP-1534

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Bottom Edge Middle /Area Scan (31x61x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.194 W/kg

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

Reference Value = 12.488 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.283 mW/g

SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.103 mW/g

Maximum value of SAR (measured) = 0.186 W/kg

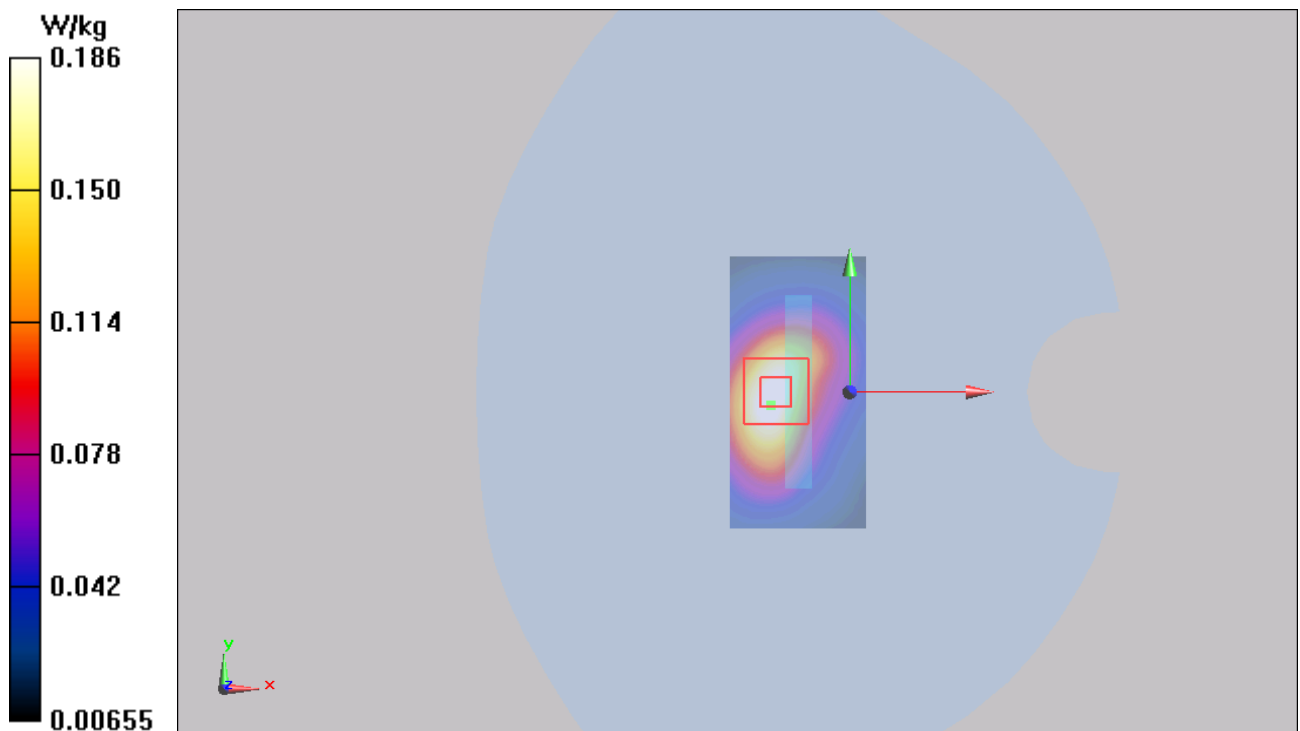


Figure 162 Body, Bottom Edge, UMTS Band V Channel 4183

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UMTS Band V Back Side Low(Battery 2)

Date/Time: 2/23/2014 12:13:31 PM

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

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r = 55.173$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(9.51, 9.51, 9.51); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM1; Type: SAM; Serial: TP-1534

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Back Side Low /Area Scan (61x101x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.804 W/kg

Back Side Low /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.679 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.963 mW/g

SAR(1 g) = 0.762 mW/g; SAR(10 g) = 0.571 mW/g

Maximum value of SAR (measured) = 0.800 W/kg

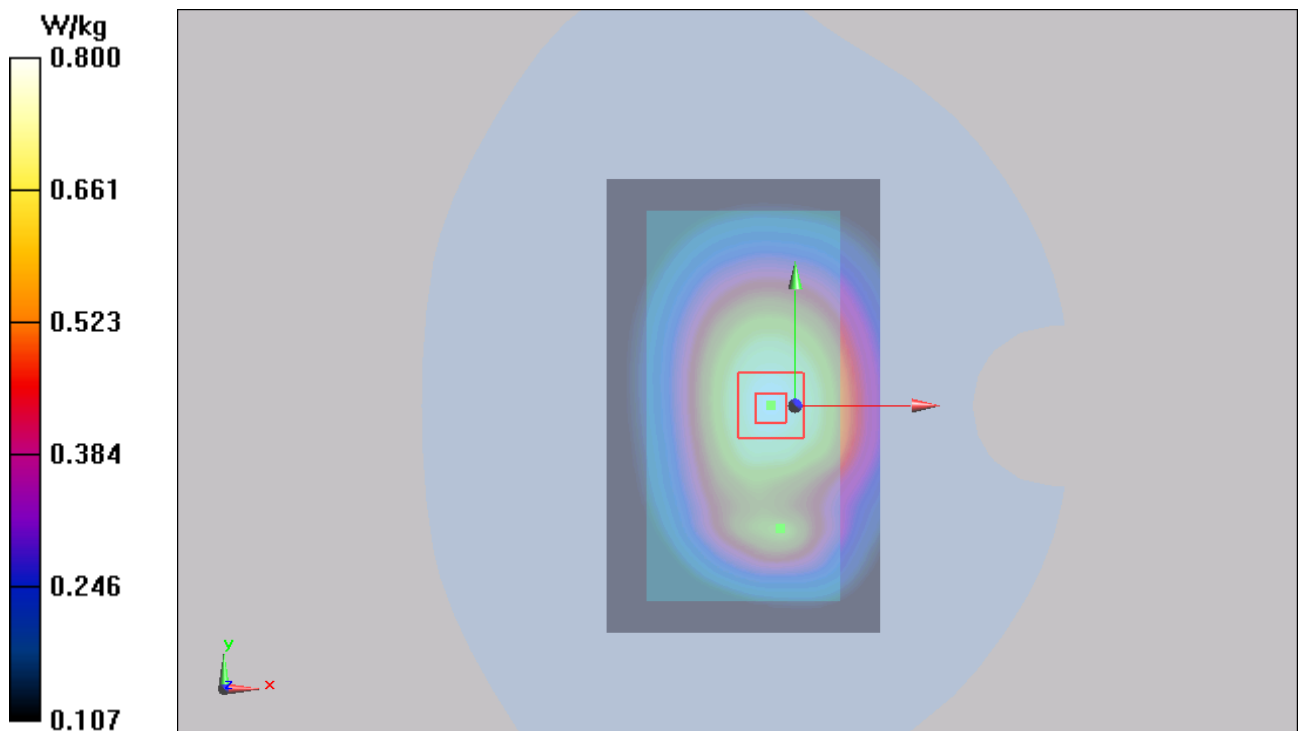


Figure 163 Body, Back Side, UMTS Band V Channel 4132

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LTE Band 2 1RB Left Cheek High

Date/Time: 3/1/2014 4:13:10 AM

Communication System:LTE (0); Frequency: 1900 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.431$ S/m; $\epsilon_r = 39.602$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Left Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Left Cheek High/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.192 W/kg

Left Cheek High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.452 V/m; Power Drift = 0.039 dB

Peak SAR (extrapolated) = 0.275 W/kg

SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.107 W/kg

Maximum value of SAR (measured) = 0.190 W/kg

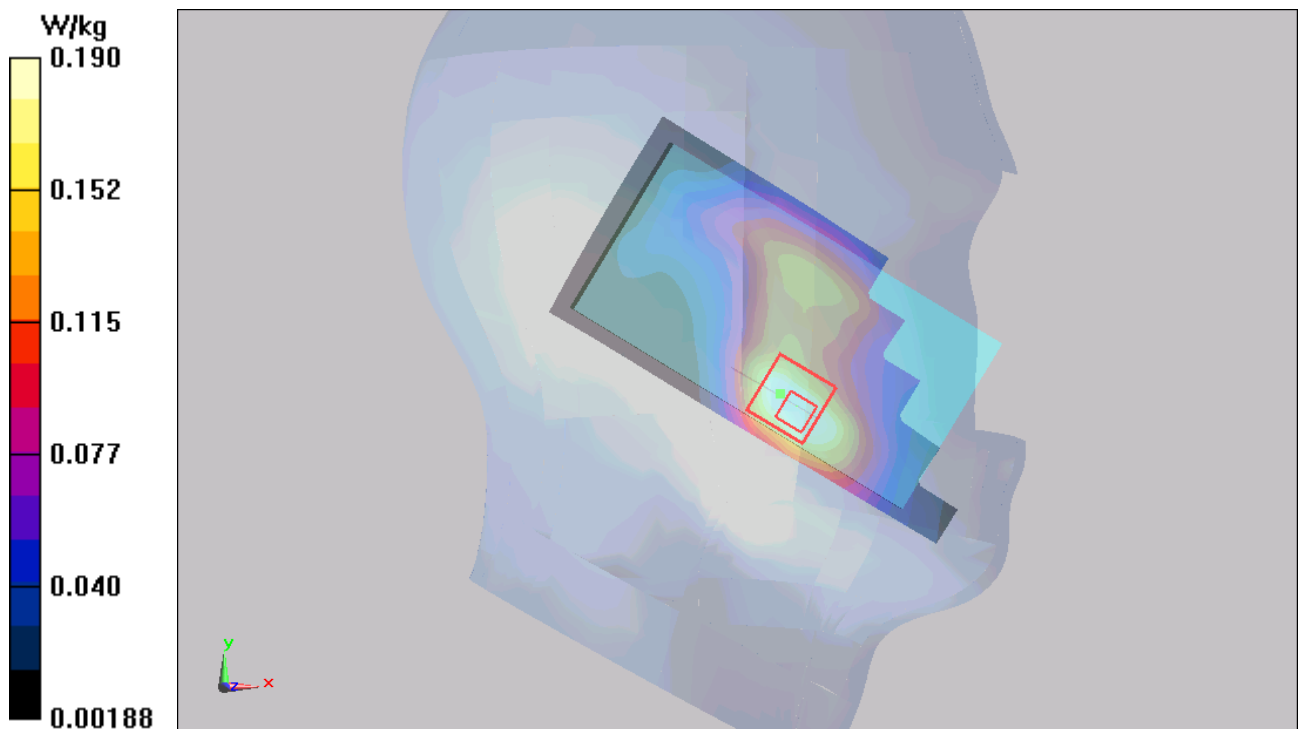


Figure 164 Left Hand Touch Cheek LTE Band 2 1RB Channel 19100

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LTE Band 2 1RB Left Cheek Middle

Date/Time: 3/1/2014 4:46:15 AM

Communication System: LTE (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.413$ S/m; $\epsilon_r = 39.689$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Left Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Left Cheek Middle/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

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

Left Cheek Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.466 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.277 W/kg

SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.111 W/kg

Maximum value of SAR (measured) = 0.191 W/kg

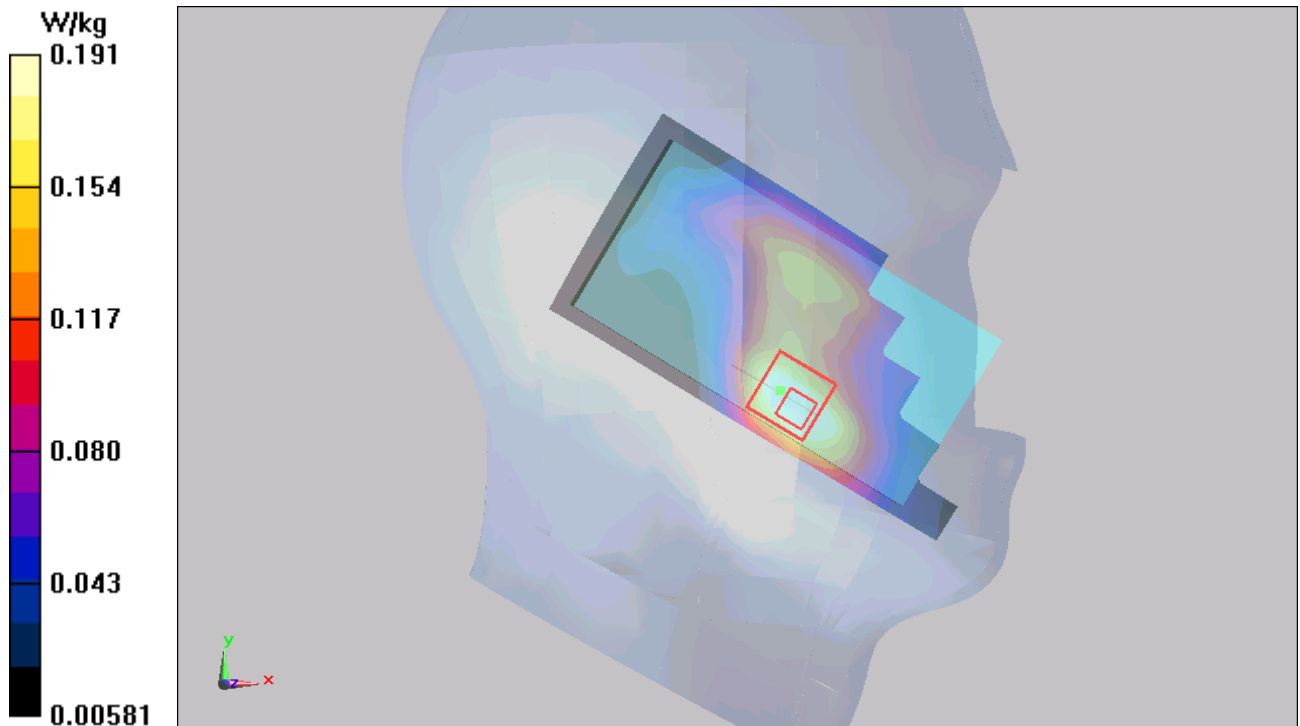


Figure 165 Left Hand Touch Cheek LTE Band 2 1RB Channel 18900

LTE Band 2 1RB Left Cheek Low

Date/Time: 3/1/2014 5:24:12 AM

Communication System:LTE (0); Frequency: 1860 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.396$ S/m; $\epsilon_r = 39.766$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Left Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Left Cheek Low/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

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

Left Cheek Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.051 V/m; Power Drift = 0.120 dB

Peak SAR (extrapolated) = 0.360 W/kg

SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.143 W/kg

Maximum value of SAR (measured) = 0.254 W/kg

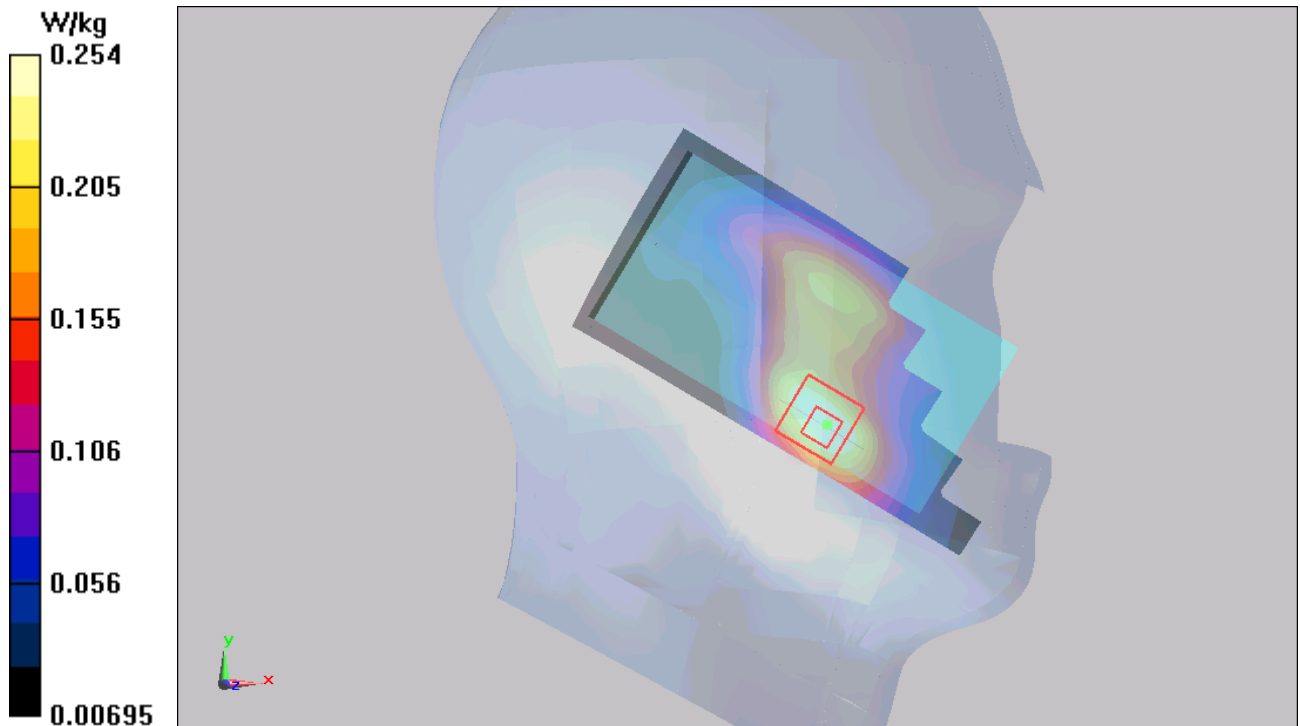


Figure 166 Left Hand Touch Cheek LTE Band 2 1RB Channel 18700

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LTE Band 2 1RB Left Tilt High

Date/Time: 3/1/2014 6:33:03 AM

Communication System:LTE (0); Frequency: 1900 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.431$ S/m; $\epsilon_r = 39.602$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Left Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Left Tilt High/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.121 W/kg

Left Tilt High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.350 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 0.142 W/kg

SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.056 W/kg

Maximum value of SAR (measured) = 0.0969 W/kg

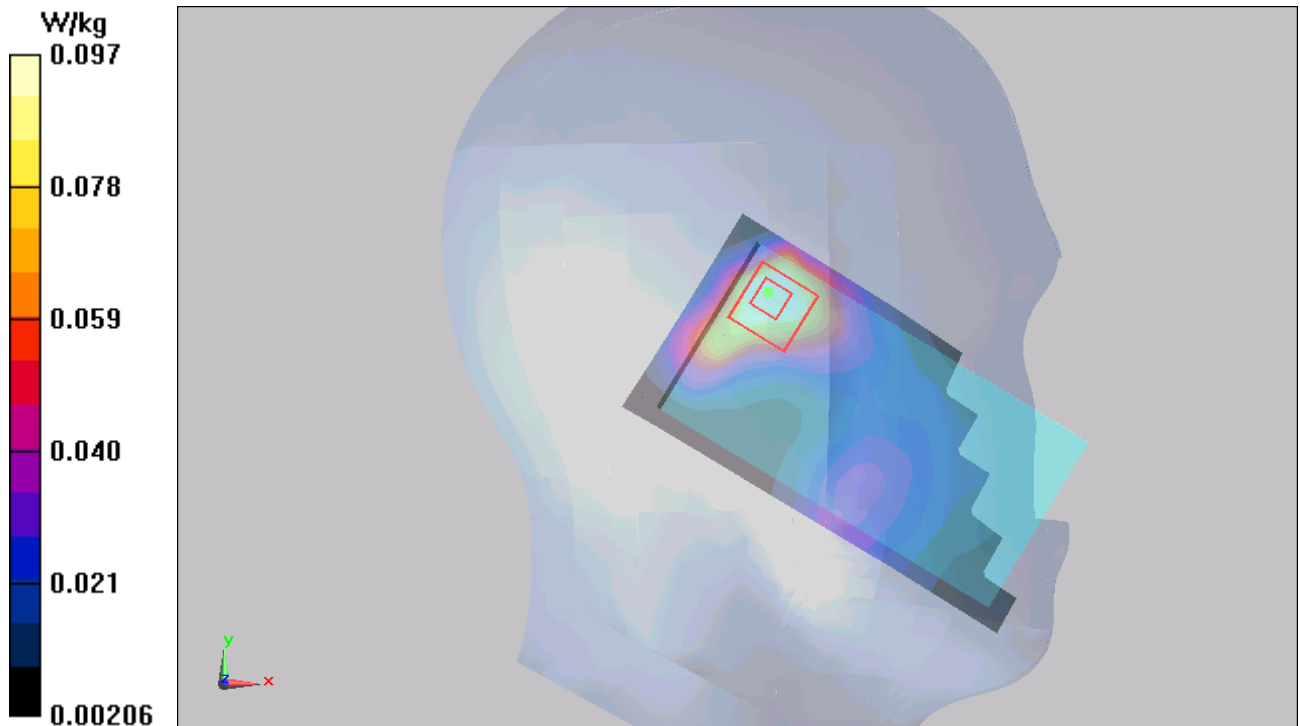


Figure 167 Left Hand Tilt 15° LTE Band 2 1RB Channel 19100

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LTE Band 2 1RB Left Tilt Middle

Date/Time: 3/1/2014 6:49:55 AM

Communication System: LTE (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.413$ S/m; $\epsilon_r = 39.689$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Left Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Left Tilt Middle/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.138 W/kg

Left Tilt Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.907 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.205 W/kg

SAR(1 g) = 0.110 W/kg; SAR(10 g) = 0.062 W/kg

Maximum value of SAR (measured) = 0.104 W/kg

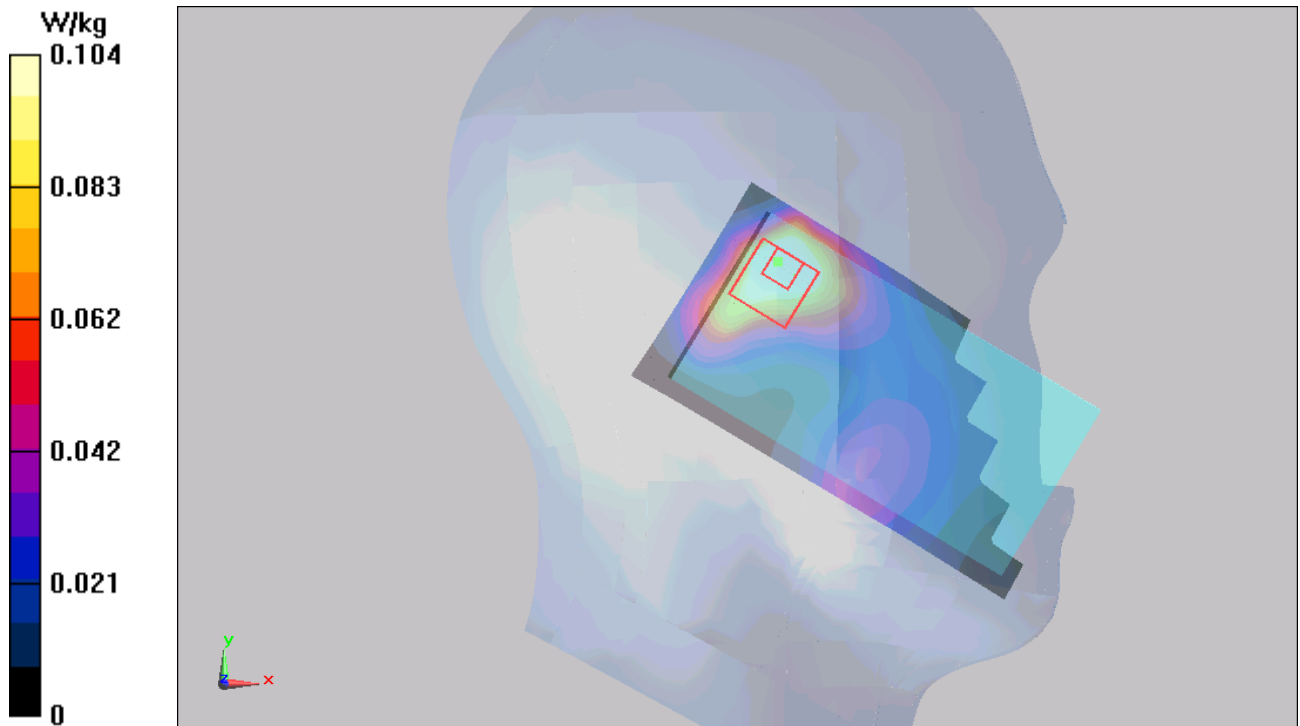


Figure 168 Left Hand Tilt 15° LTE Band 2 1RB Channel 18900

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LTE Band 2 1RB Left Tilt Low

Date/Time: 3/1/2014 7:18:39 AM

Communication System:LTE (0); Frequency: 1860 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.396$ S/m; $\epsilon_r = 39.766$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Left Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Left Tilt Low/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.138 W/kg

Left Tilt Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.667 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.165 W/kg

SAR(1 g) = 0.110 W/kg; SAR(10 g) = 0.069 W/kg

Maximum value of SAR (measured) = 0.116 W/kg

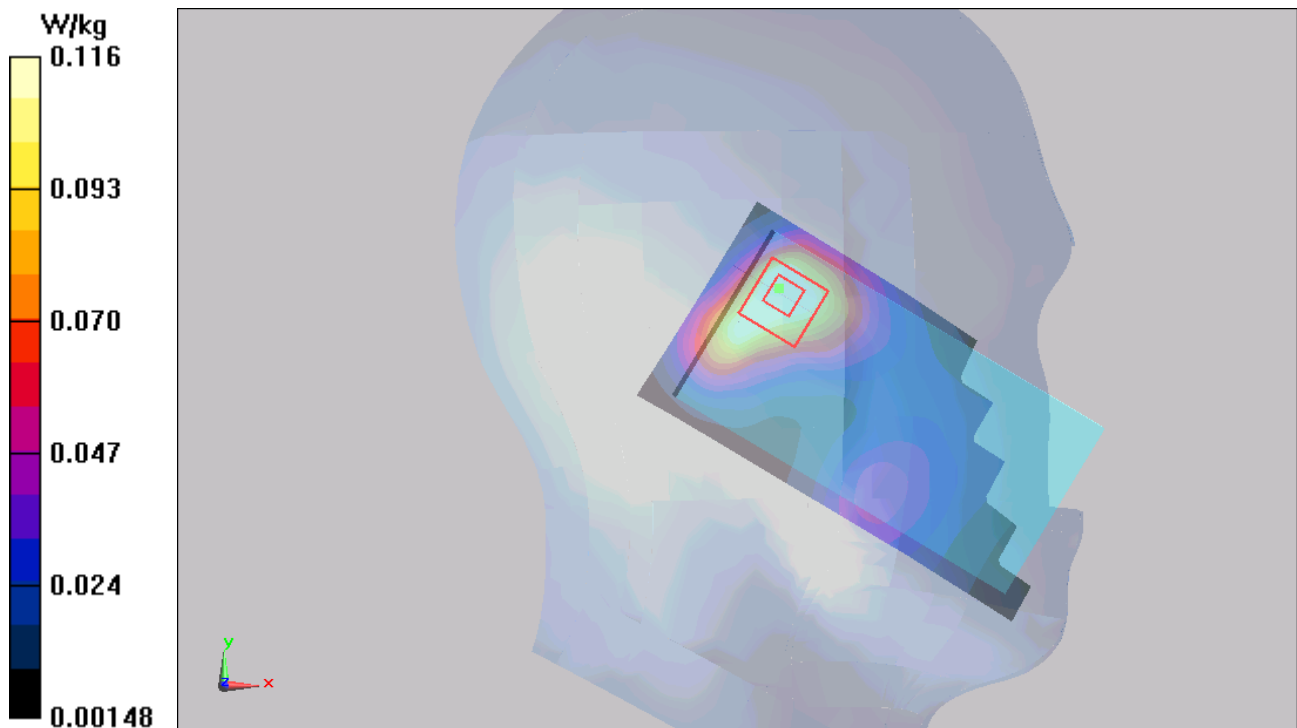


Figure 169 Left Hand Tilt 15° LTE Band 2 1RB Channel 18700

LTE Band 2 1RB Right Cheek High

Date/Time: 3/1/2014 1:11:02 AM

Communication System:LTE (0); Frequency: 1900 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.431$ S/m; $\epsilon_r = 39.602$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Right Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Right Cheek High/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.245 W/kg

Right Cheek High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.940 V/m; Power Drift = 0.078 dB

Peak SAR (extrapolated) = 0.345 W/kg

SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.134 W/kg

Maximum value of SAR (measured) = 0.242 W/kg

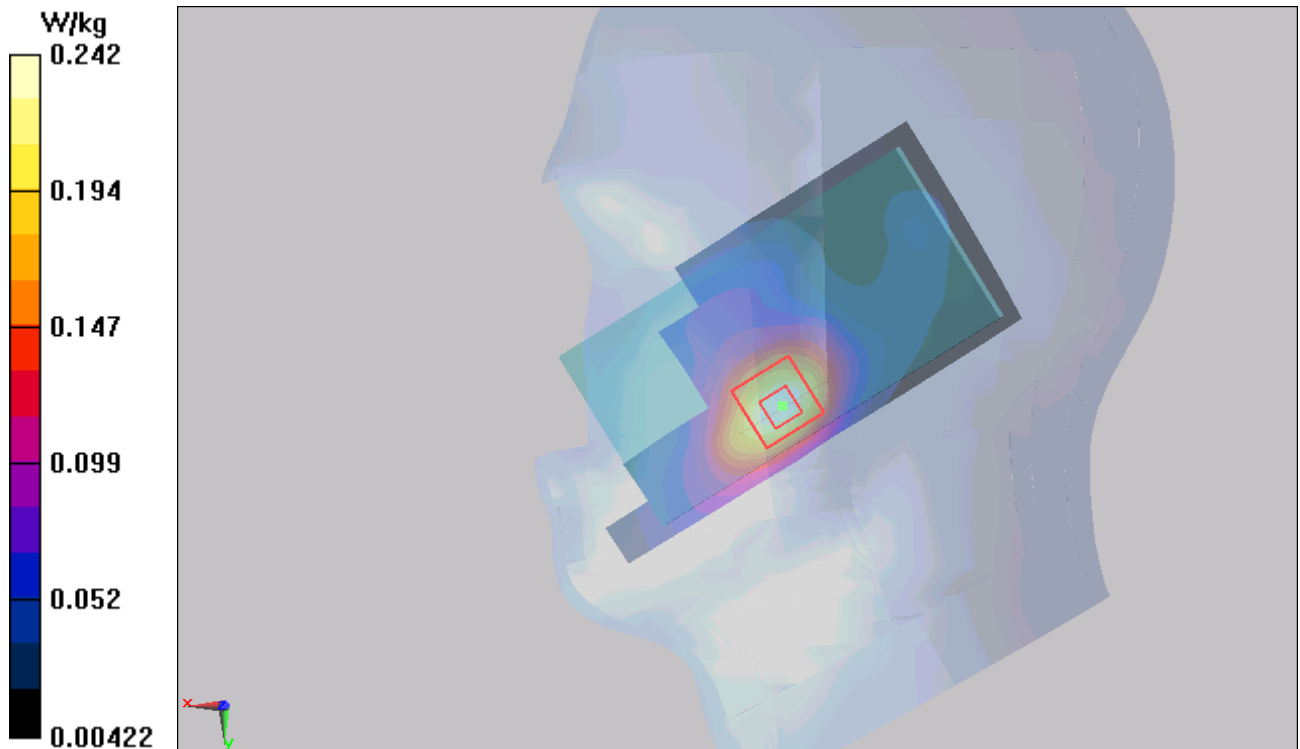


Figure 170 Right Hand Touch Cheek LTE Band 2 1RB Channel 19100

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LTE Band 2 1RB Right Cheek Middle

Date/Time: 3/1/2014 12:55:35 AM

Communication System:LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.413$ S/m; $\epsilon_r = 39.689$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Right Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Right Cheek Middle/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.287 W/kg

Right Cheek Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.547 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.395 W/kg

SAR(1 g) = 0.254 W/kg; SAR(10 g) = 0.155 W/kg

Maximum value of SAR (measured) = 0.277 W/kg

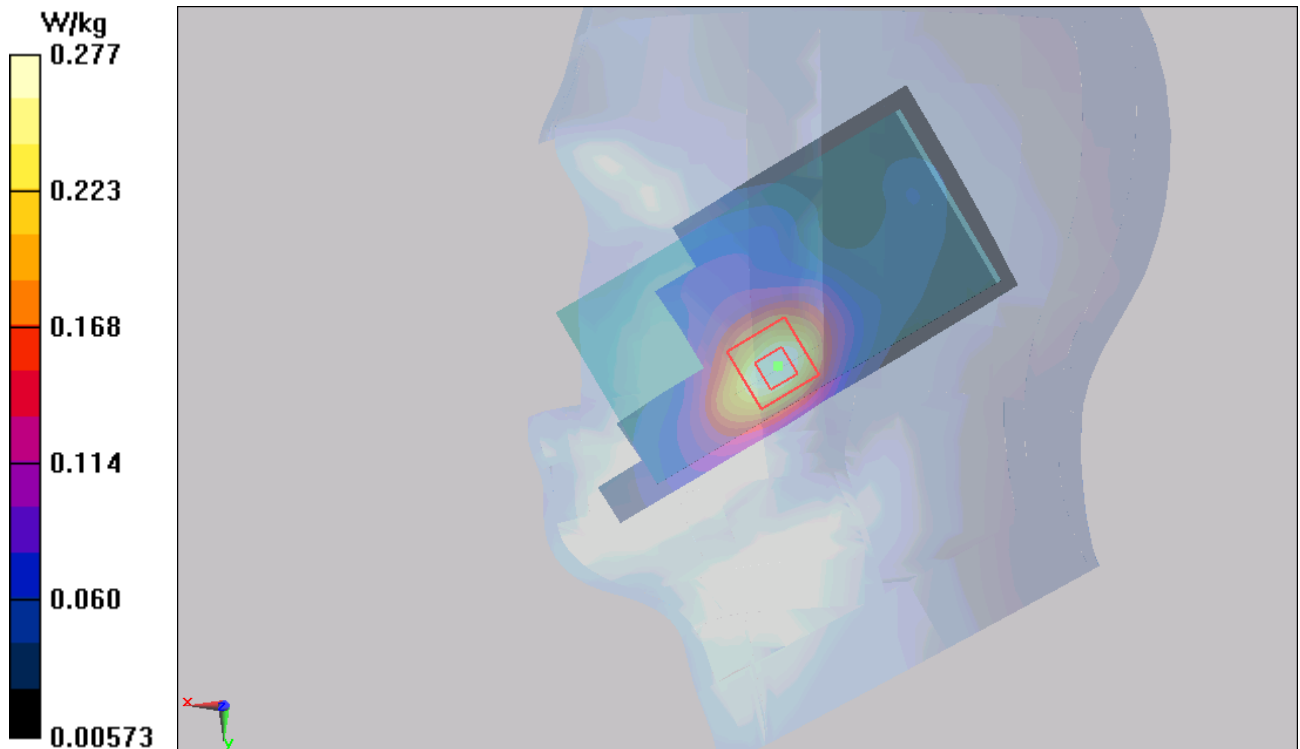


Figure 171 Right Hand Touch Cheek LTE Band 2 1RB Channel 18900

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LTE Band 2 1RB Right Cheek Low

Date/Time: 3/1/2014 1:26:20 AM

Communication System:LTE (0); Frequency: 1860 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.396$ S/m; $\epsilon_r = 39.766$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Right Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Right Cheek Low/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.318 W/kg

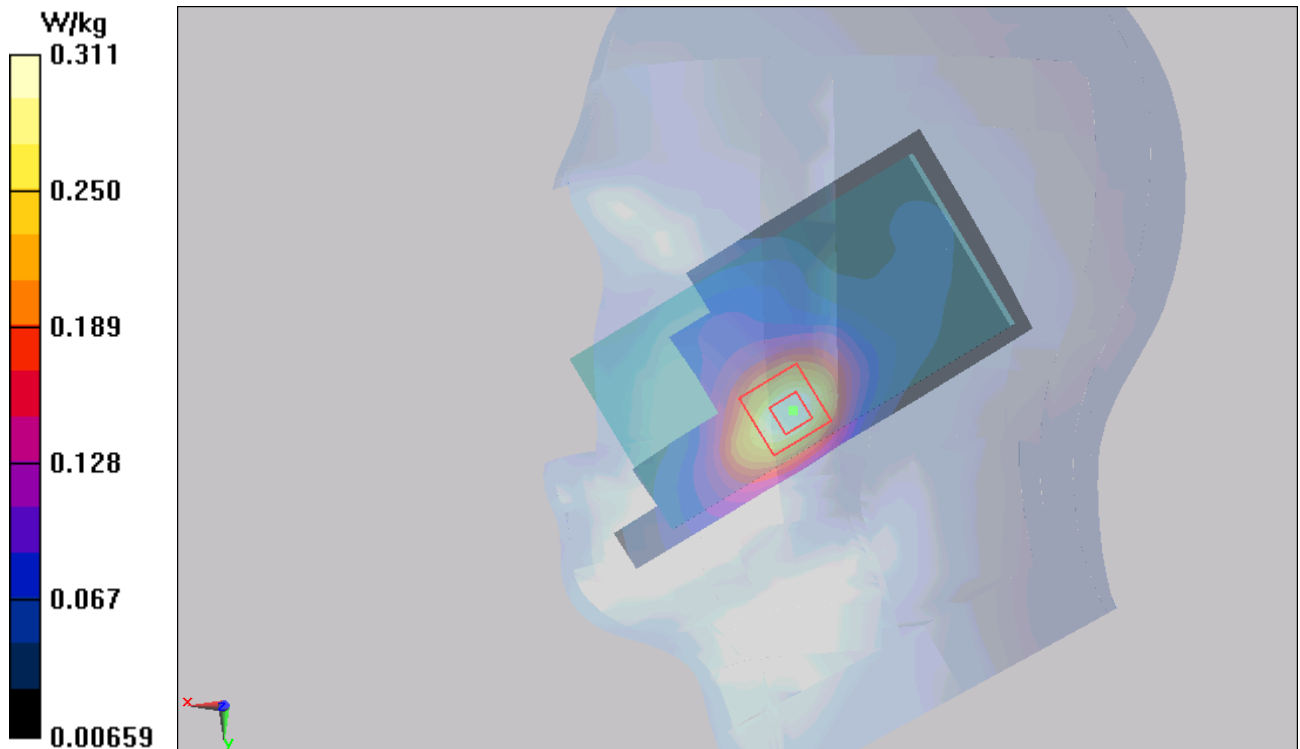
Right Cheek Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.390 V/m; Power Drift = 0.069 dB

Peak SAR (extrapolated) = 0.436 W/kg

SAR(1 g) = 0.284 W/kg; SAR(10 g) = 0.175 W/kg

Maximum value of SAR (measured) = 0.311 W/kg



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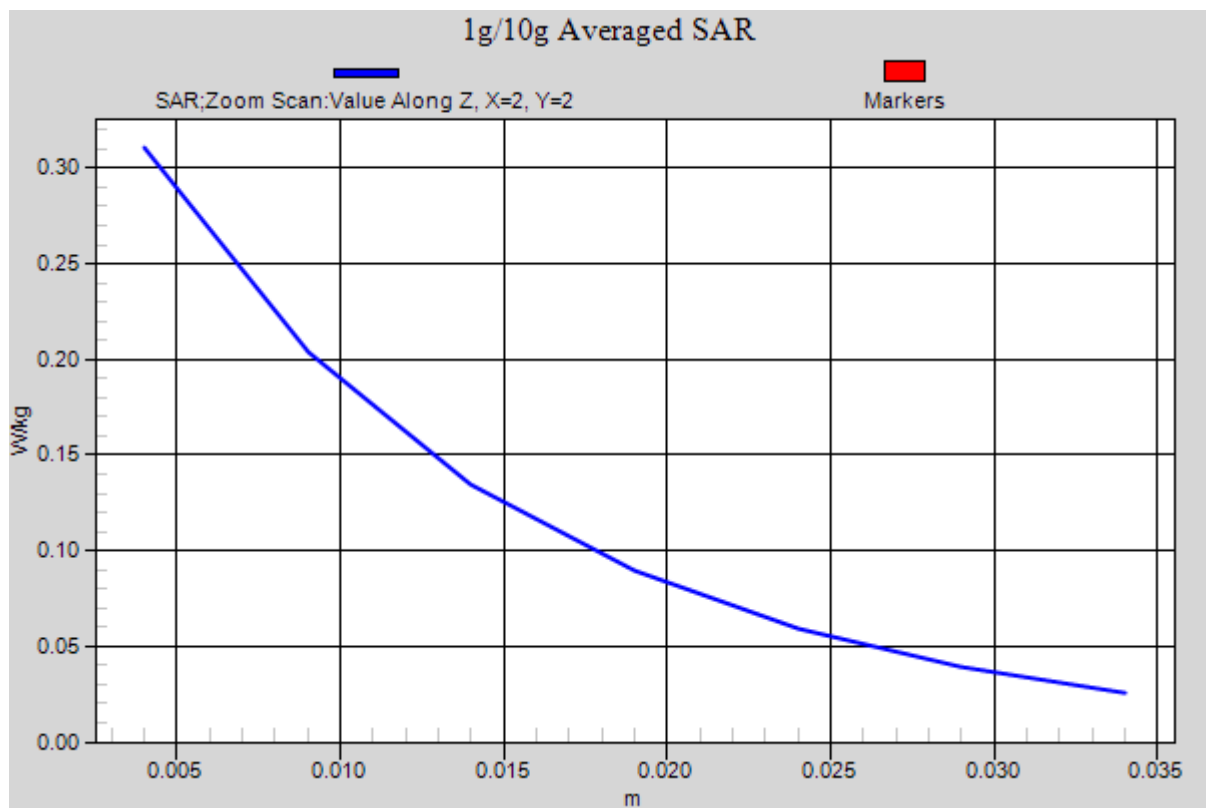


Figure 172 Right Hand Touch Cheek LTE Band 2 1RB Channel 18700

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LTE Band 2 1RB Right Tilt High

Date/Time: 3/1/2014 3:53:11 AM

Communication System: LTE (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.431$ S/m; $\epsilon_r = 39.602$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Right Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Right Tilt High/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0892 W/kg

Right Tilt High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.814 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.119 W/kg

SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.0779 W/kg

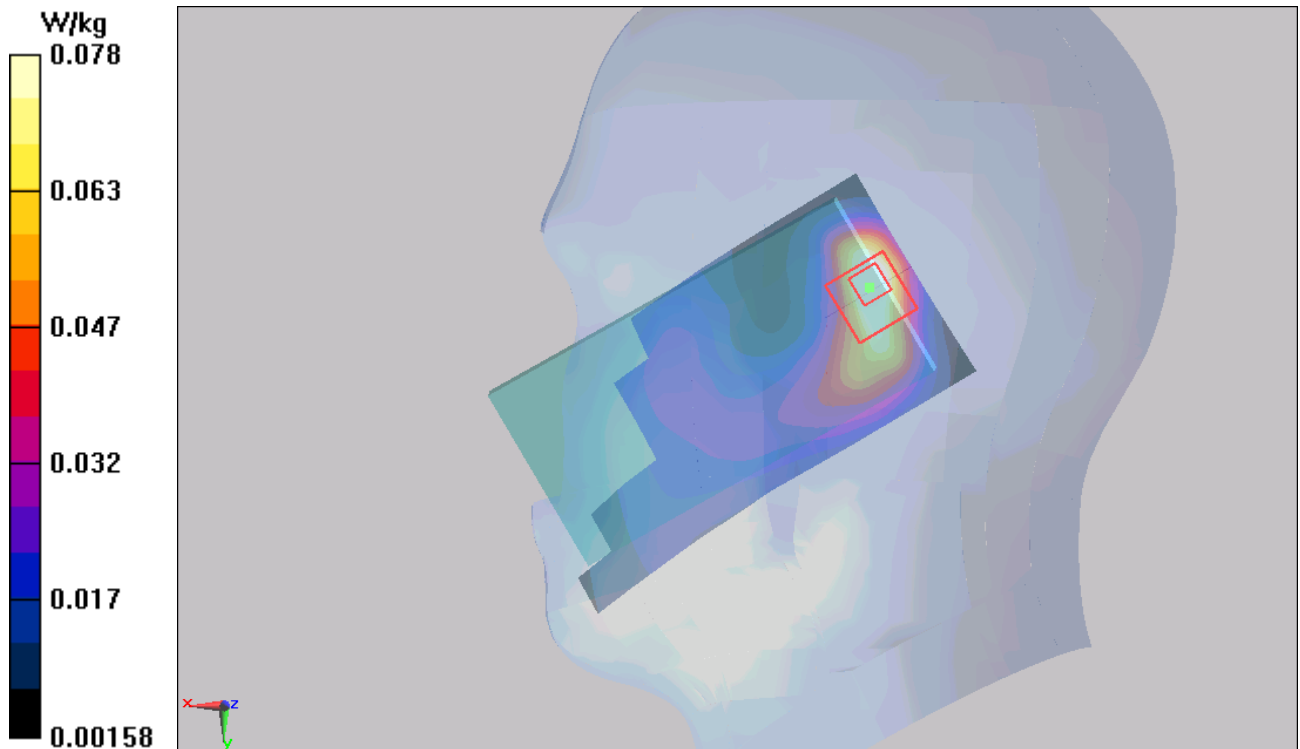


Figure 173 Right Hand Tilt 15° LTE Band 2 1RB Channel 19100

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LTE Band 2 1RB Right Tilt Middle

Date/Time: 3/1/2014 3:30:56 AM

Communication System:LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.413$ S/m; $\epsilon_r = 39.689$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Right Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Right Tilt Middle/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.101 W/kg

Right Tilt Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.242 V/m; Power Drift = 0.031 dB

Peak SAR (extrapolated) = 0.142 W/kg

SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.049 W/kg

Maximum value of SAR (measured) = 0.0924 W/kg

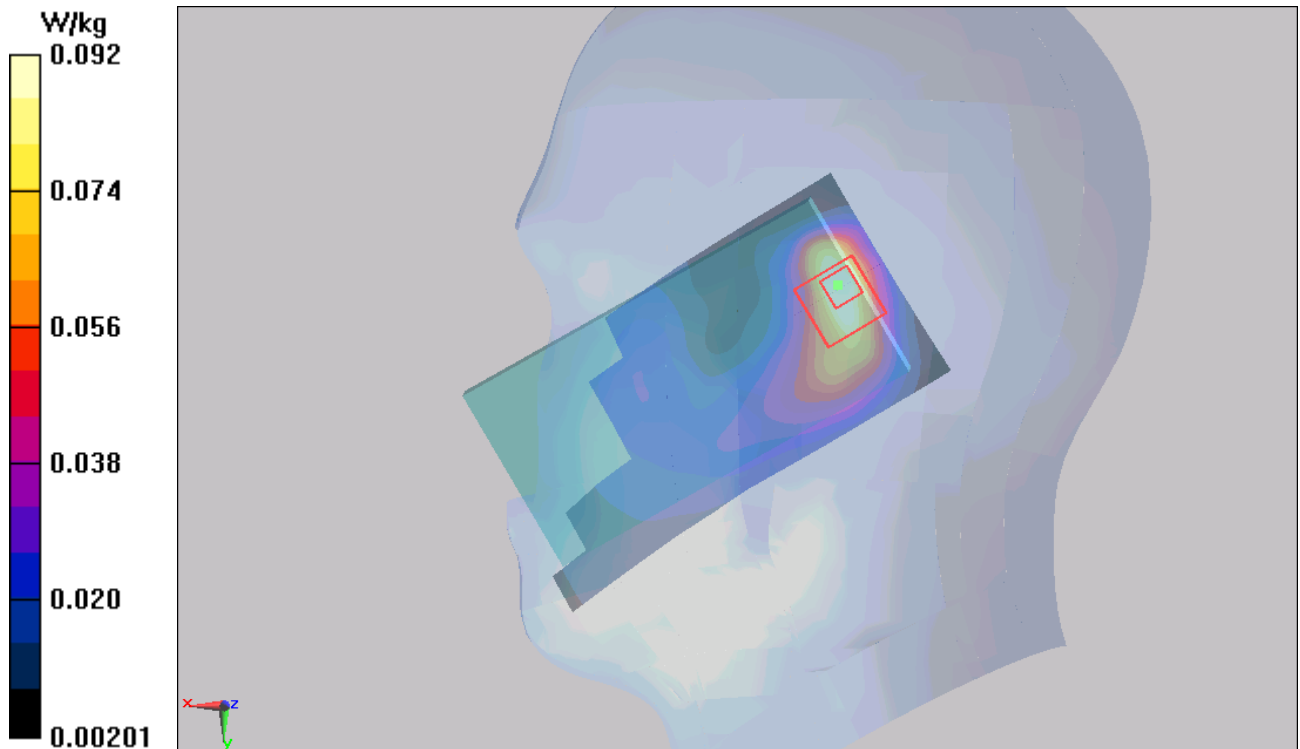


Figure 174 Right Hand Tilt 15° LTE Band 2 1RB Channel 18900

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LTE Band 2 1RB Right Tilt Low

Date/Time: 3/1/2014 3:15:27 AM

Communication System:LTE (0); Frequency: 1860 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.396$ S/m; $\epsilon_r = 39.766$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Right Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Right Tilt Low/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.133 W/kg

Right Tilt Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.392 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.178 W/kg

SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.063 W/kg

Maximum value of SAR (measured) = 0.122 W/kg

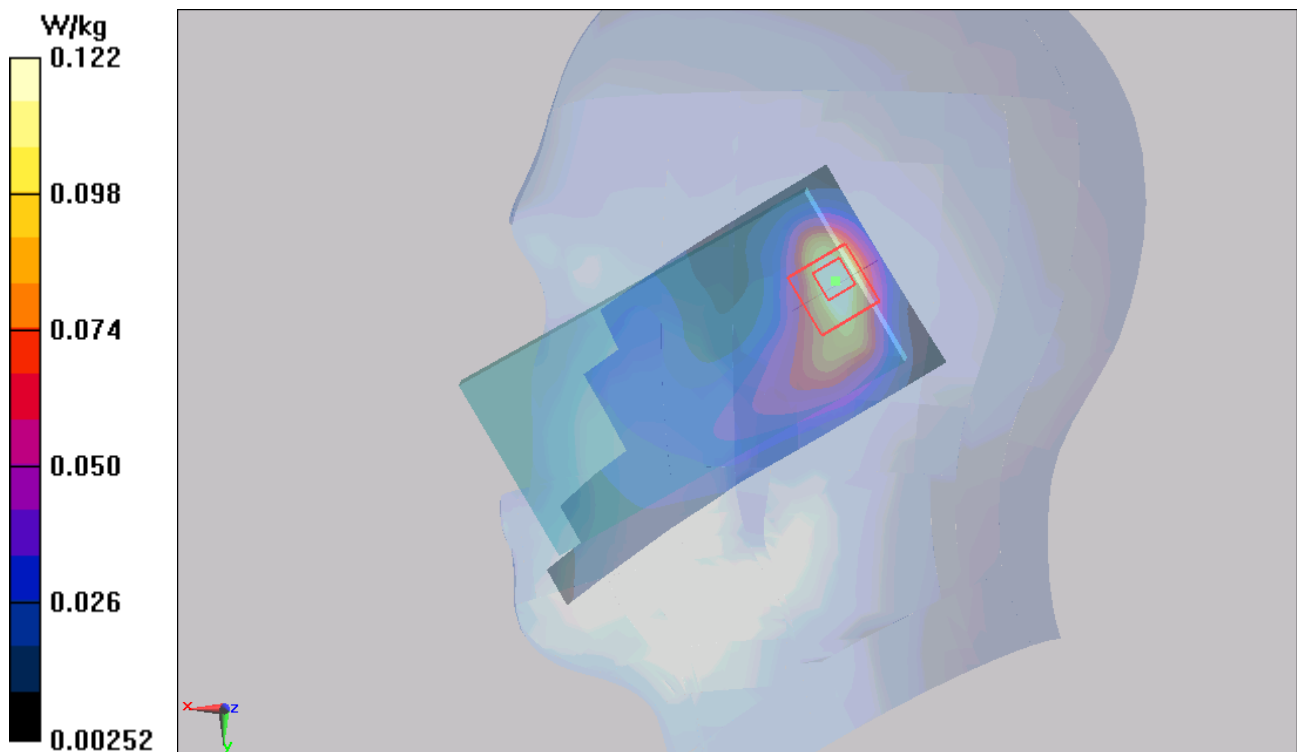


Figure 175 Right Hand Tilt 15° LTE Band 2 1RB Channel 18700

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LTE Band 2 1RB Right Cheek Low (Battery 2)

Date/Time: 3/1/2014 8:44:58 AM

Communication System:LTE (0); Frequency: 1860 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.396$ S/m; $\epsilon_r = 39.766$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Right Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Right Cheek Low/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.282 W/kg

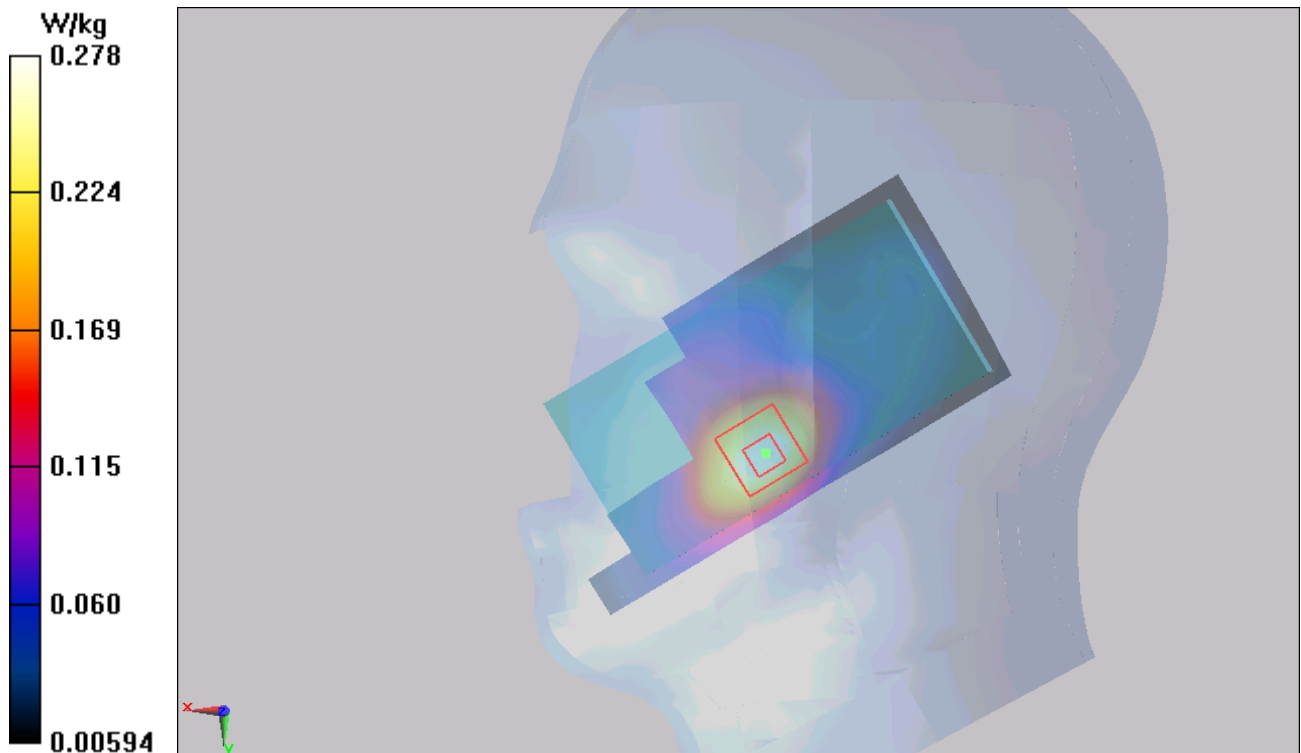
Right Cheek Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.298 V/m; Power Drift = 0.072 dB

Peak SAR (extrapolated) = 0.392 W/kg

SAR(1 g) = 0.254 W/kg; SAR(10 g) = 0.157 W/kg

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



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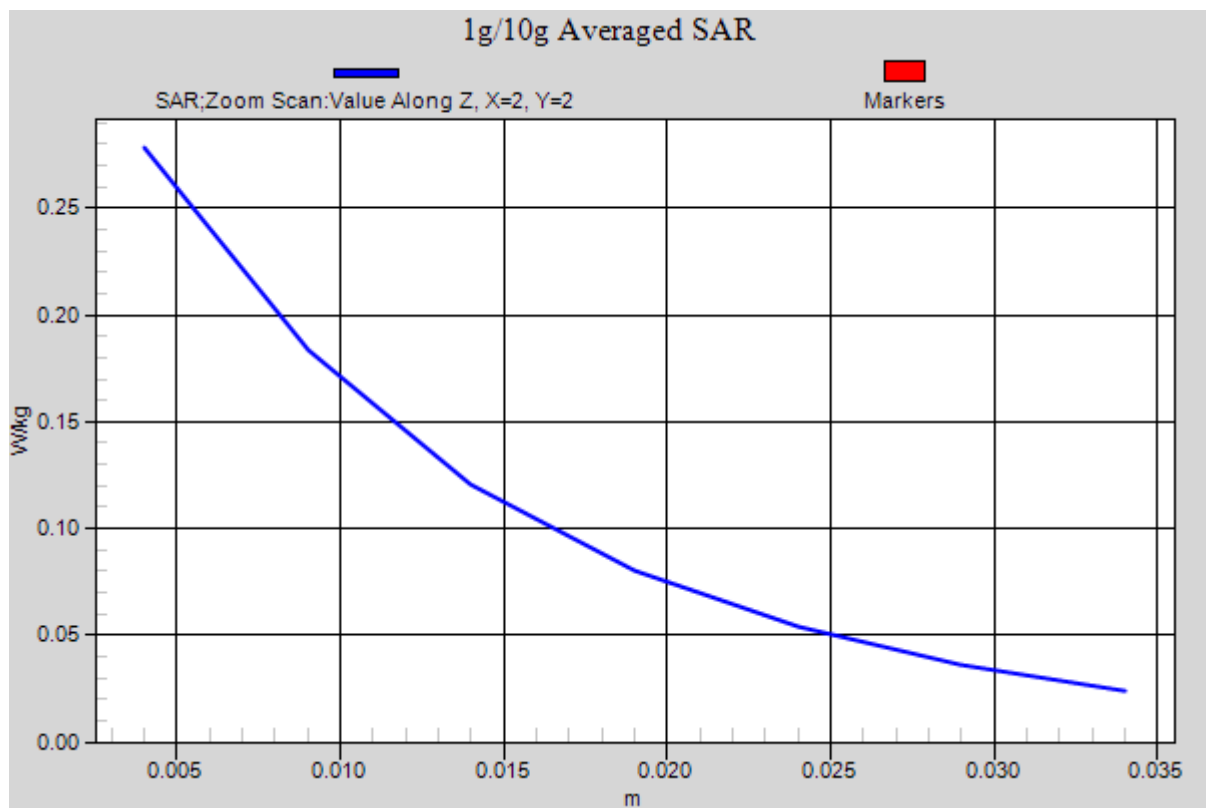


Figure 176 Right Hand Touch Cheek LTE Band 2 1RB Channel 18700

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LTE Band 2 1RB Back Side Middle

Date/Time: 3/3/2014 5:12:59 PM

Communication System:LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.504$ S/m; $\epsilon_r = 53.137$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 - SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Back Side Middle/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.772 W/kg

Back Side Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.988 V/m; Power Drift = -0.084 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.688 W/kg; SAR(10 g) = 0.399 W/kg

Maximum value of SAR (measured) = 0.776 W/kg

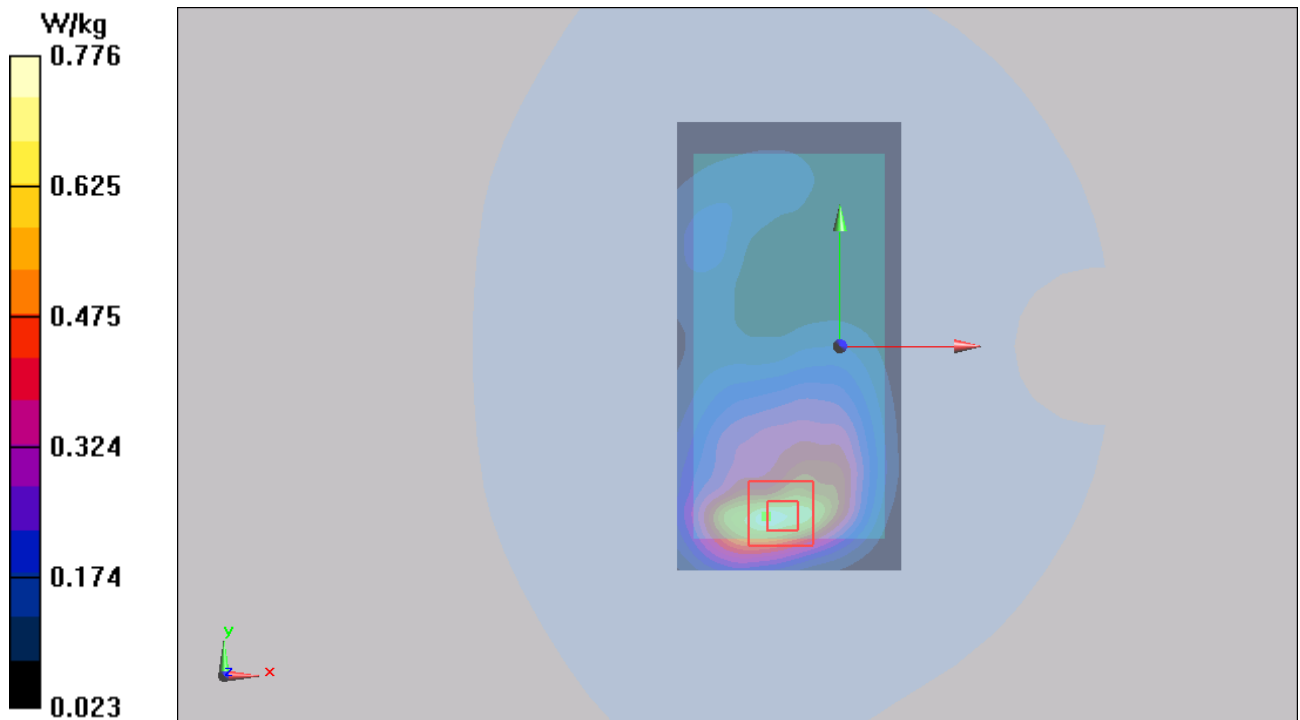


Figure 177 Body, Back Side, LTE Band 2 1RB Channel 18900

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LTE Band 2 1RB Front Side Middle

Date/Time: 3/3/2014 5:40:58 PM

Communication System: LTE (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.504$ S/m; $\epsilon_r = 53.137$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 - SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Front Side Middle/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.368 W/kg

Front Side Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.823 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.519 W/kg

SAR(1 g) = 0.332 W/kg; SAR(10 g) = 0.209 W/kg

Maximum value of SAR (measured) = 0.349 W/kg

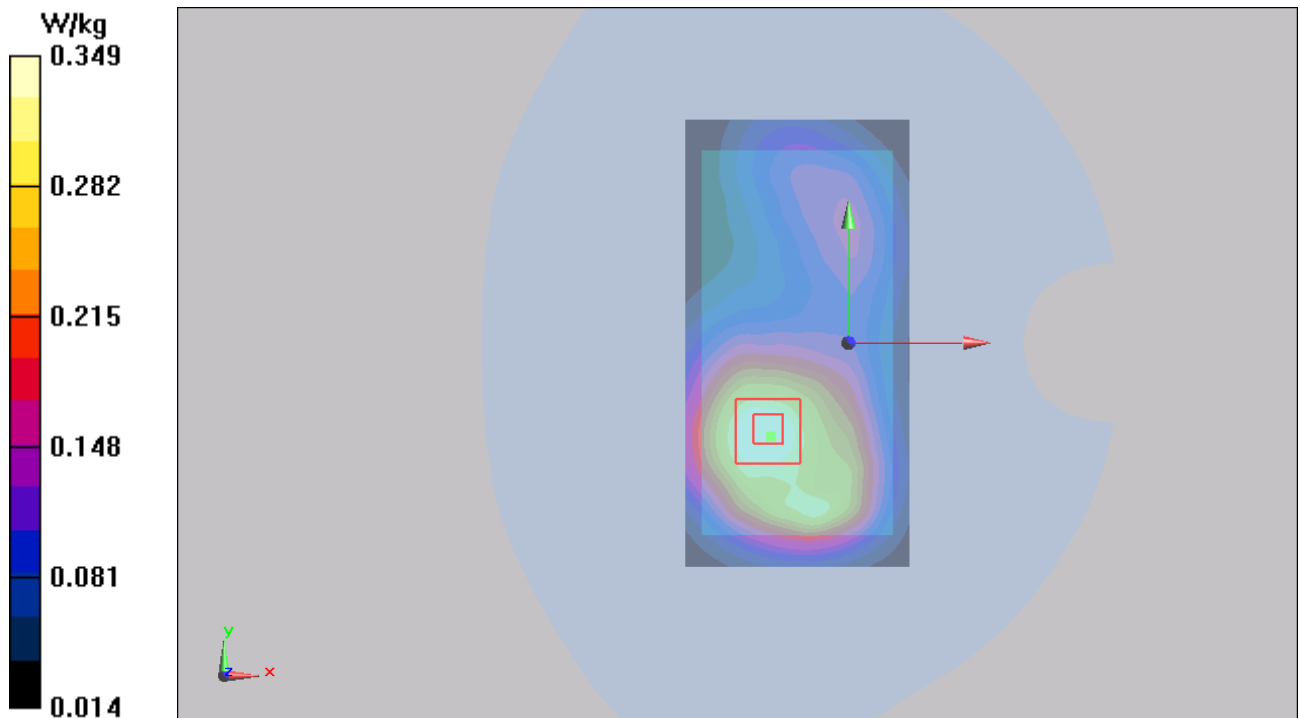


Figure 178 Body, Front Side, LTE Band 2 1RB Channel 18900

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LTE Band 2 1RB Left Edge Middle

Date/Time: 3/3/2014 3:45:33 PM

Communication System:LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.504$ S/m; $\epsilon_r = 53.137$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 - SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Left Side Middle/Area Scan (31x101x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0975 W/kg

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

Reference Value = 4.873 V/m; Power Drift = 0.026 dB

Peak SAR (extrapolated) = 0.149 W/kg

SAR(1 g) = 0.090 W/kg; SAR(10 g) = 0.052 W/kg

Maximum value of SAR (measured) = 0.0932 W/kg

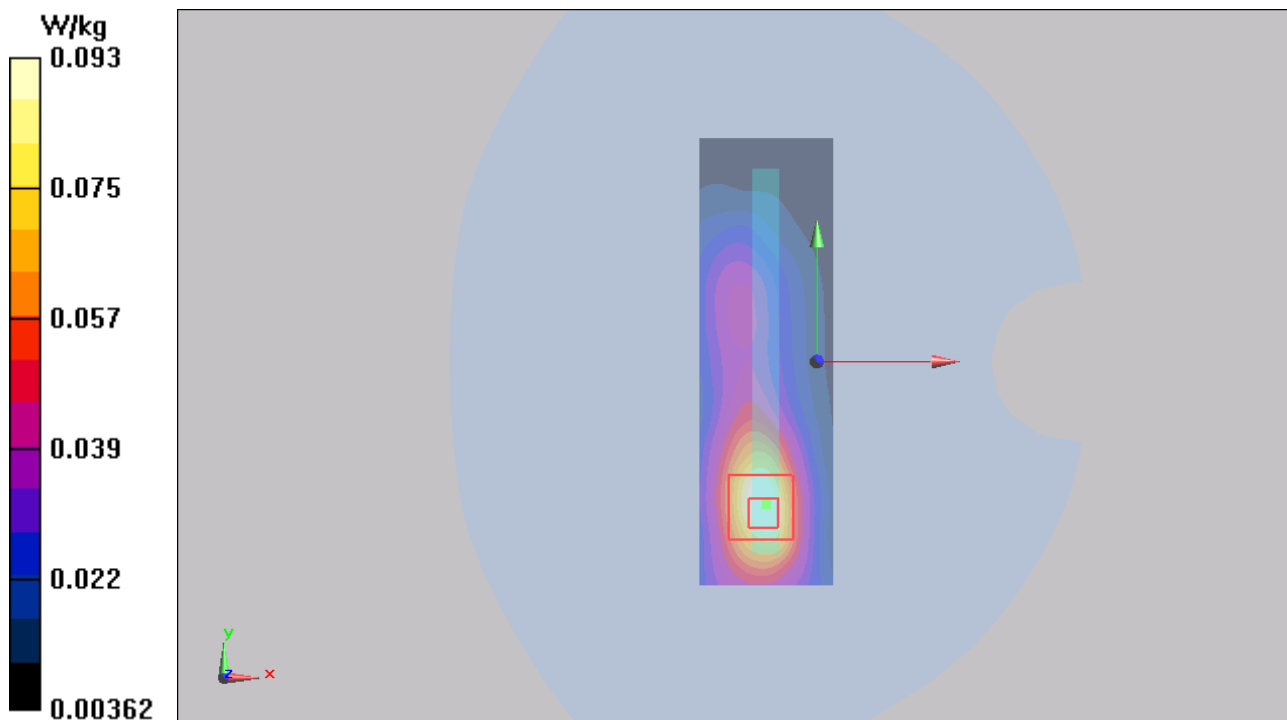


Figure 179 Body, Left Edge, LTE Band 2 1RB Channel 18900

LTE Band 2 1RB Right Edge Middle

Date/Time: 3/3/2014 3:59:32 PM

Communication System: LTE (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.504$ S/m; $\epsilon_r = 53.137$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 - SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Right Side Middle/Area Scan (31x101x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.103 W/kg

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

Reference Value = 4.323 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.155 W/kg

SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.062 W/kg

Maximum value of SAR (measured) = 0.104 W/kg

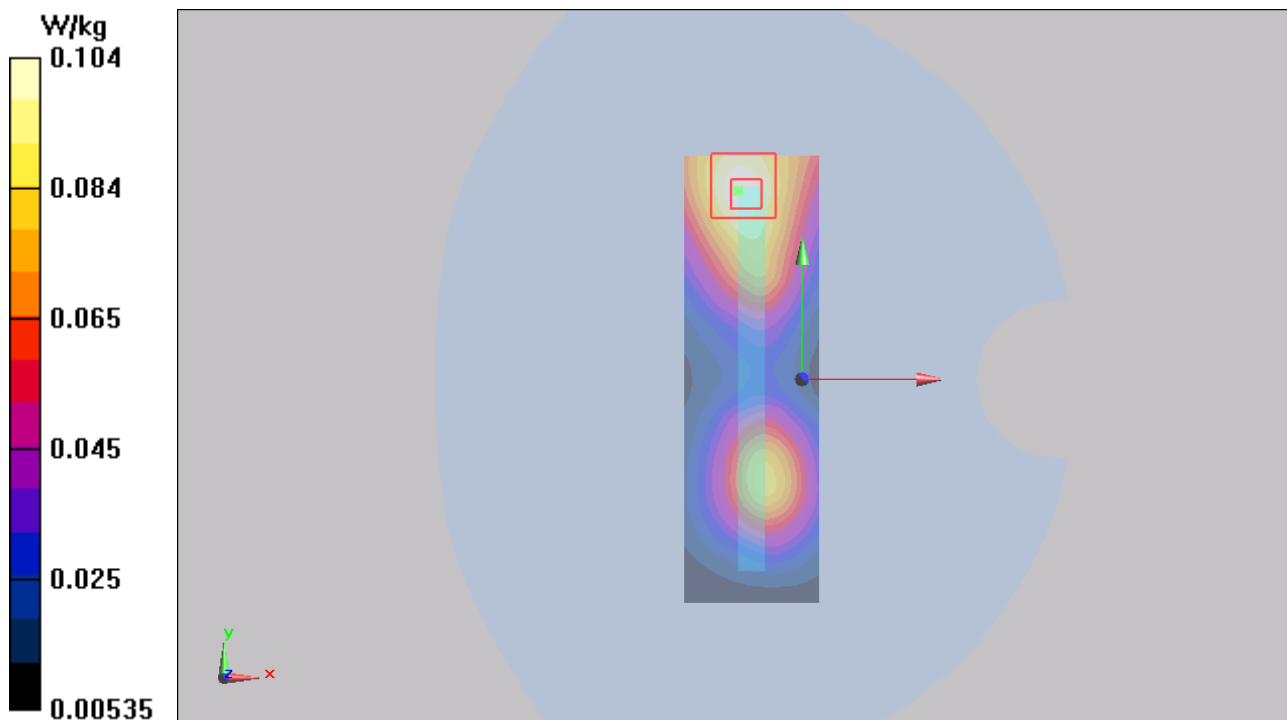


Figure 180 Body, Right Edge, LTE Band 2 1RB Channel 18900

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LTE Band 2 1RB Bottom Edge High

Date/Time: 3/3/2014 2:40:53 PM

Communication System: LTE (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.524$ S/m; $\epsilon_r = 53.079$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 - SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Bottom Side High/Area Scan (31x61x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.884 W/kg

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

Reference Value = 23.656 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.854 W/kg; SAR(10 g) = 0.470 W/kg

Maximum value of SAR (measured) = 0.861 W/kg

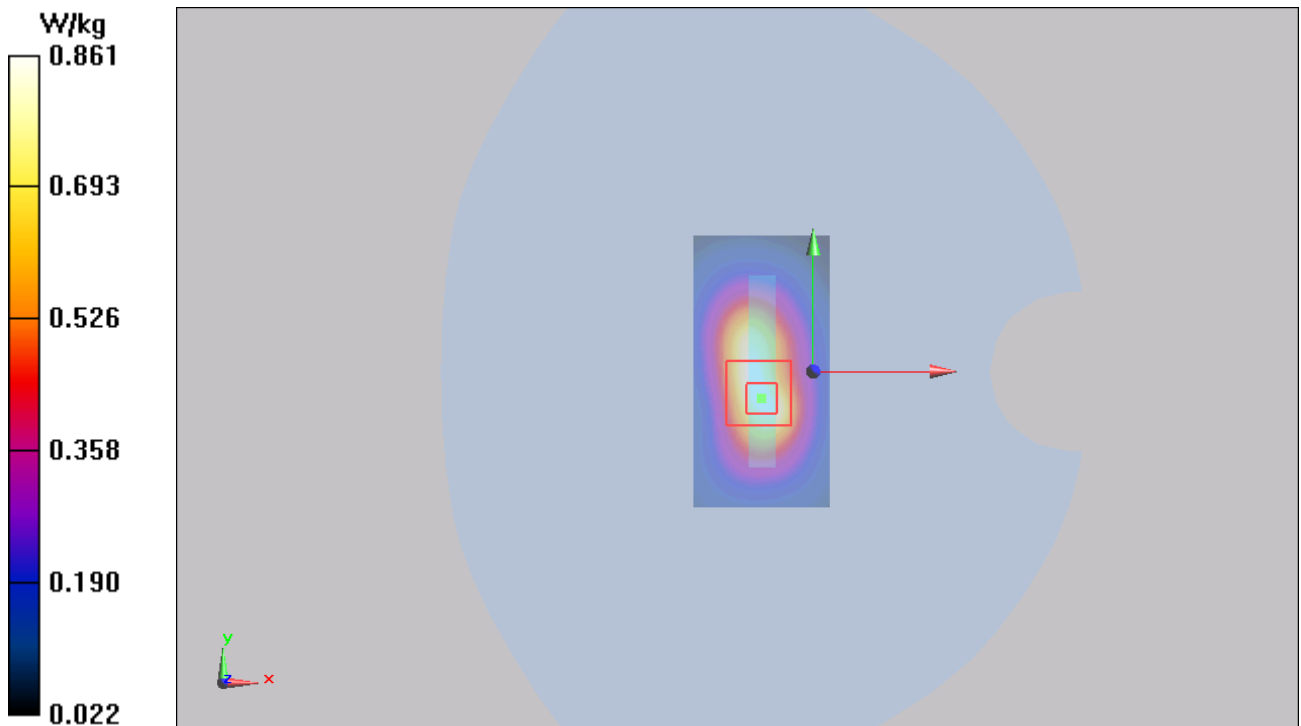


Figure 181 Body, Bottom Edge, LTE Band 2 1RB Channel 19100

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LTE Band 2 1RB Bottom Edge Middle

Date/Time: 3/3/2014 5:36:31 PM

Communication System:LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.504$ S/m; $\epsilon_r = 53.137$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 - SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Bottom Side Middle/Area Scan (31x61x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.843 W/kg

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

Reference Value = 22.822 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.761 W/kg; SAR(10 g) = 0.420 W/kg

Maximum value of SAR (measured) = 0.790 W/kg

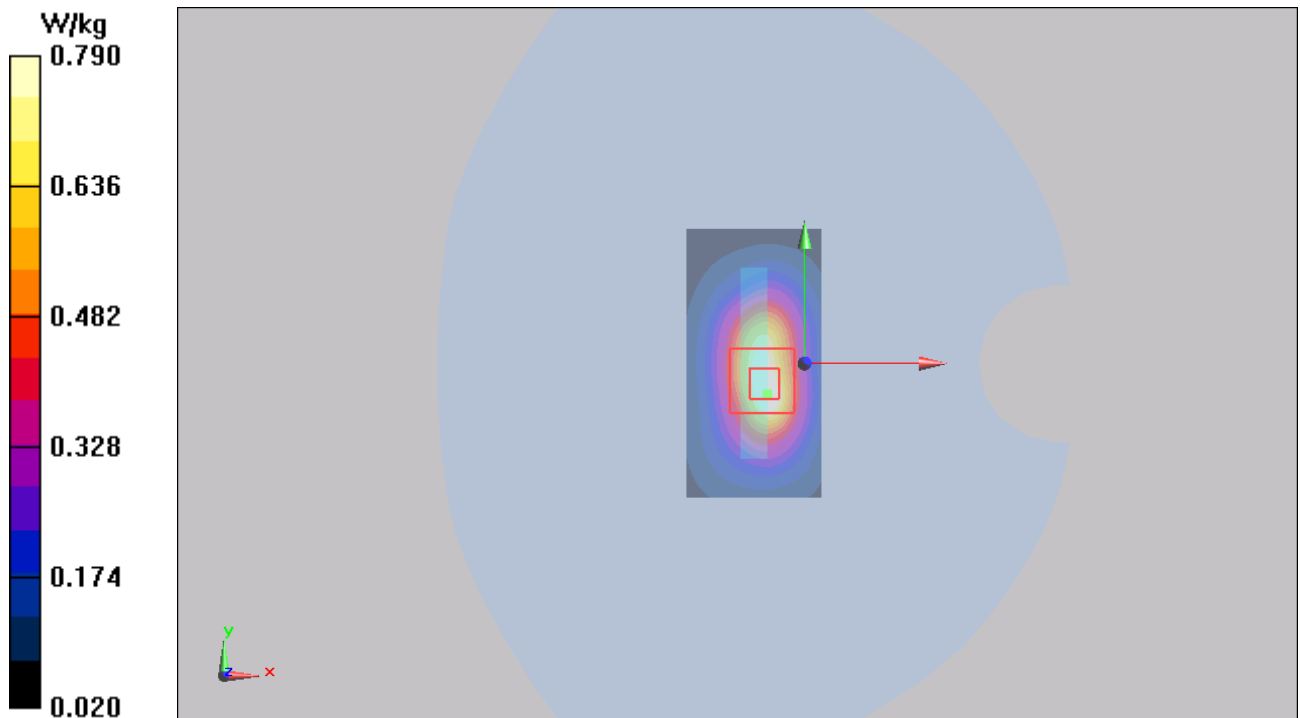


Figure 182 Body, Bottom Edge, LTE Band 2 1RB Channel 18900

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LTE Band 2 1RB Bottom Edge High

Date/Time: 3/3/2014 2:57:49 PM

Communication System:LTE (0); Frequency: 1860 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.485$ S/m; $\epsilon_r = 53.191$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 - SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Bottom Side Low/Area Scan (31x61x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.755 W/kg

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

Reference Value = 22.099 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.729 W/kg; SAR(10 g) = 0.406 W/kg

Maximum value of SAR (measured) = 0.741 W/kg

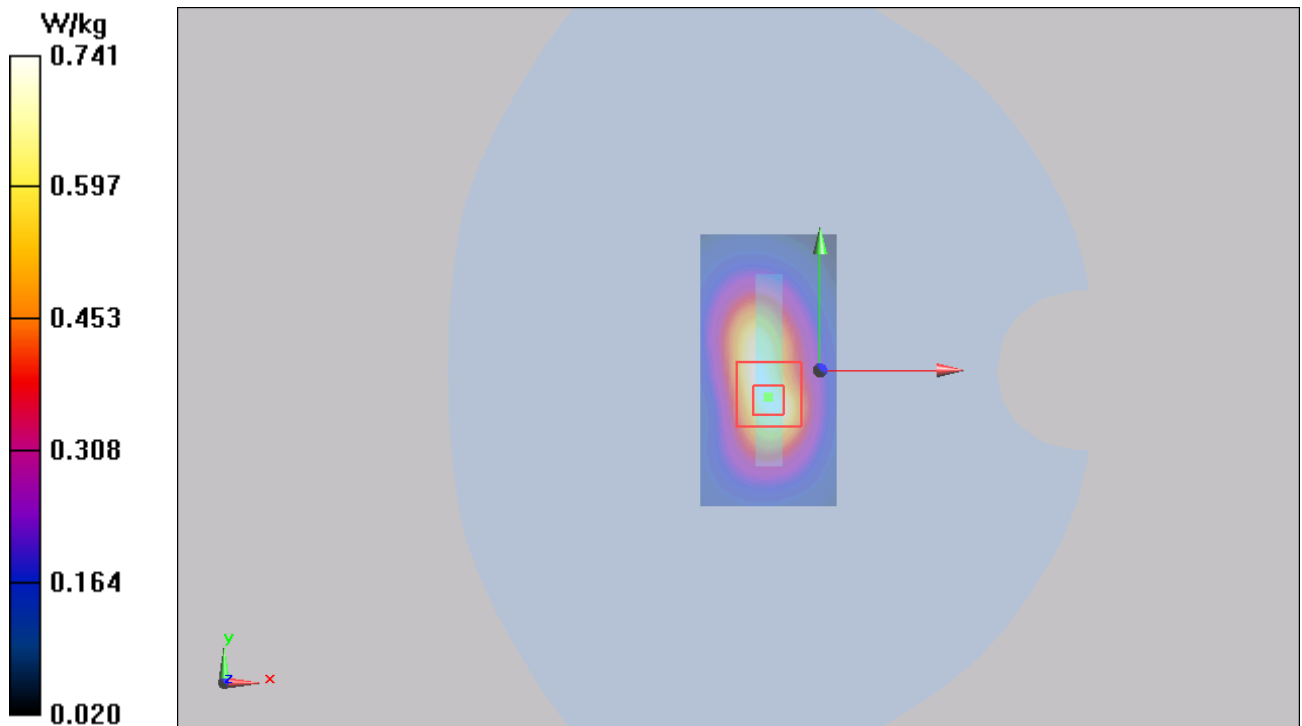


Figure 183 Body, Bottom Edge, LTE Band 2 1RB Channel 19100

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LTE Band 2 1RB Bottom Edge High (Battery 2)

Date/Time: 3/3/2014 3:13:34 PM

Communication System:LTE (0); Frequency: 1900 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.524$ S/m; $\epsilon_r = 53.079$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 - SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Bottom Side High/Area Scan (31x61x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.920 W/kg

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

Reference Value = 23.911 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.878 W/kg; SAR(10 g) = 0.483 W/kg

Maximum value of SAR (measured) = 0.908 W/kg

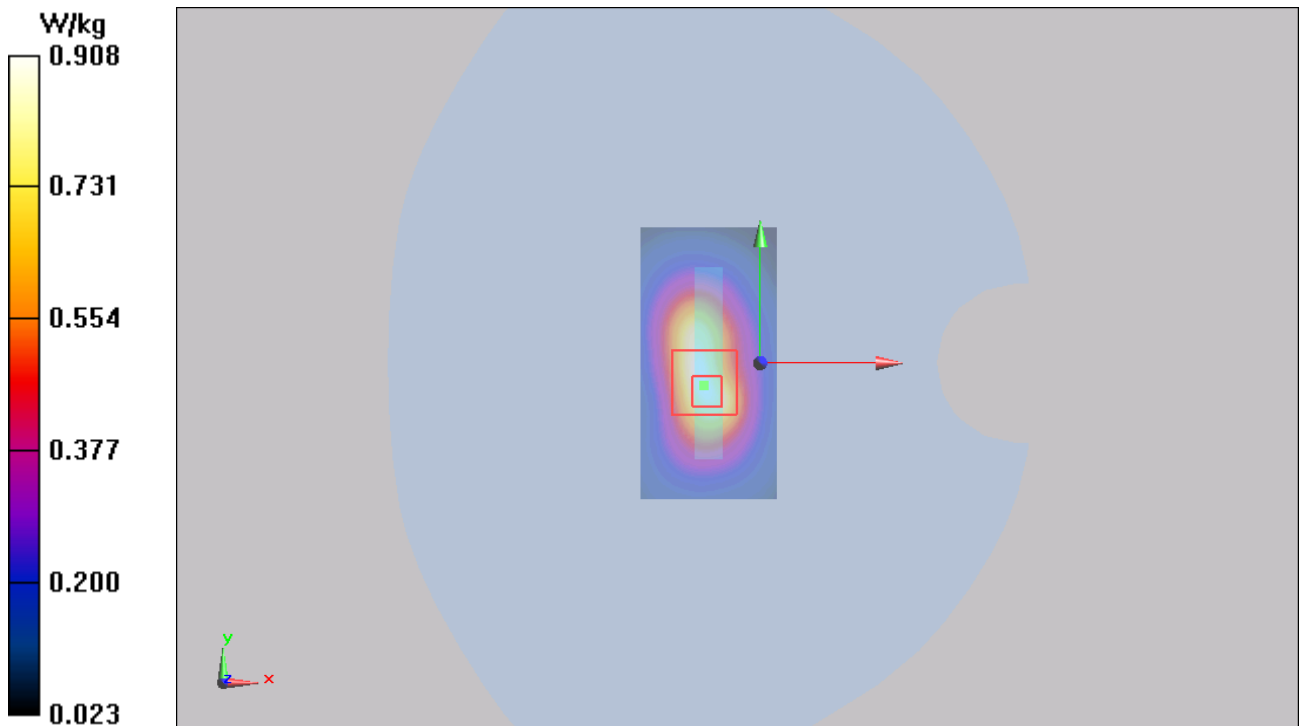


Figure 184 Body, Back Side, LTE Band 2 1RB Channel 19100

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LTE Band 2 1RB Bottom Edge High (1st Repeated SAR)

Date/Time: 3/3/2014 3:29:19 PM

Communication System:LTE (0); Frequency: 1900 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.524$ S/m; $\epsilon_r = 53.079$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 - SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Bottom Side High/Area Scan (31x61x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.919 W/kg

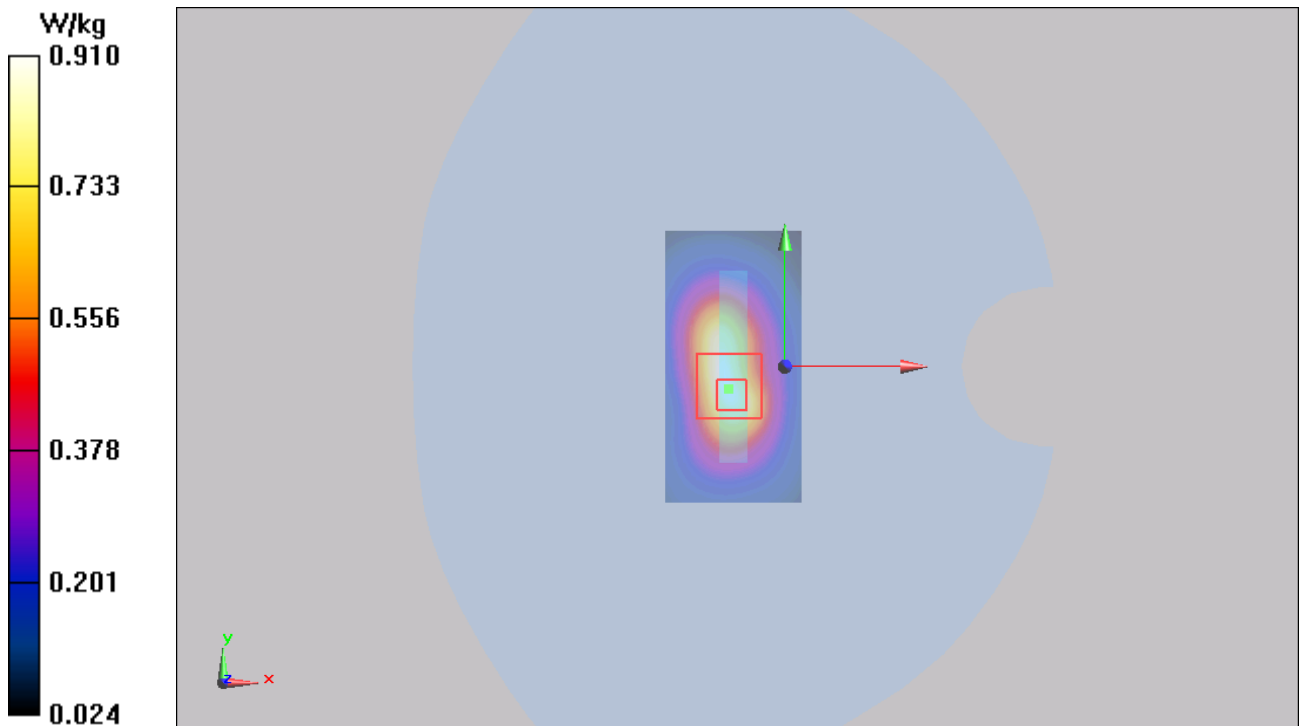
Bottom Side High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.782 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.885 W/kg; SAR(10 g) = 0.486 W/kg

Maximum value of SAR (measured) = 0.910 W/kg



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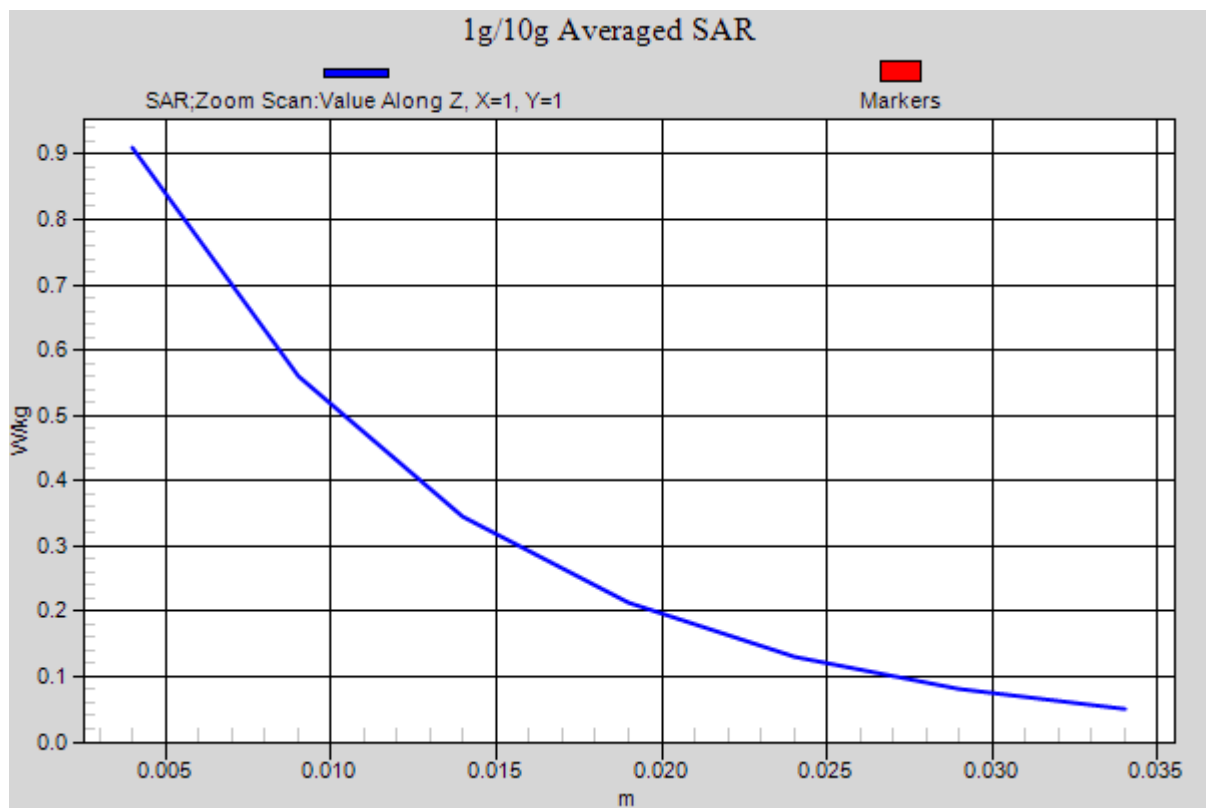


Figure 185 Body, Back Side, LTE Band 2 1RB Channel 19100

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LTE Band 2 50%RB Left Cheek High

Date/Time: 3/1/2014 6:01:27 AM

Communication System:LTE (0); Frequency: 1900 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.431$ S/m; $\epsilon_r = 39.602$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Left Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Left Cheek High/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.152 W/kg

Left Cheek High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.884 V/m; Power Drift = 0.077 dB

Peak SAR (extrapolated) = 0.221 W/kg

SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.086 W/kg

Maximum value of SAR (measured) = 0.152 W/kg

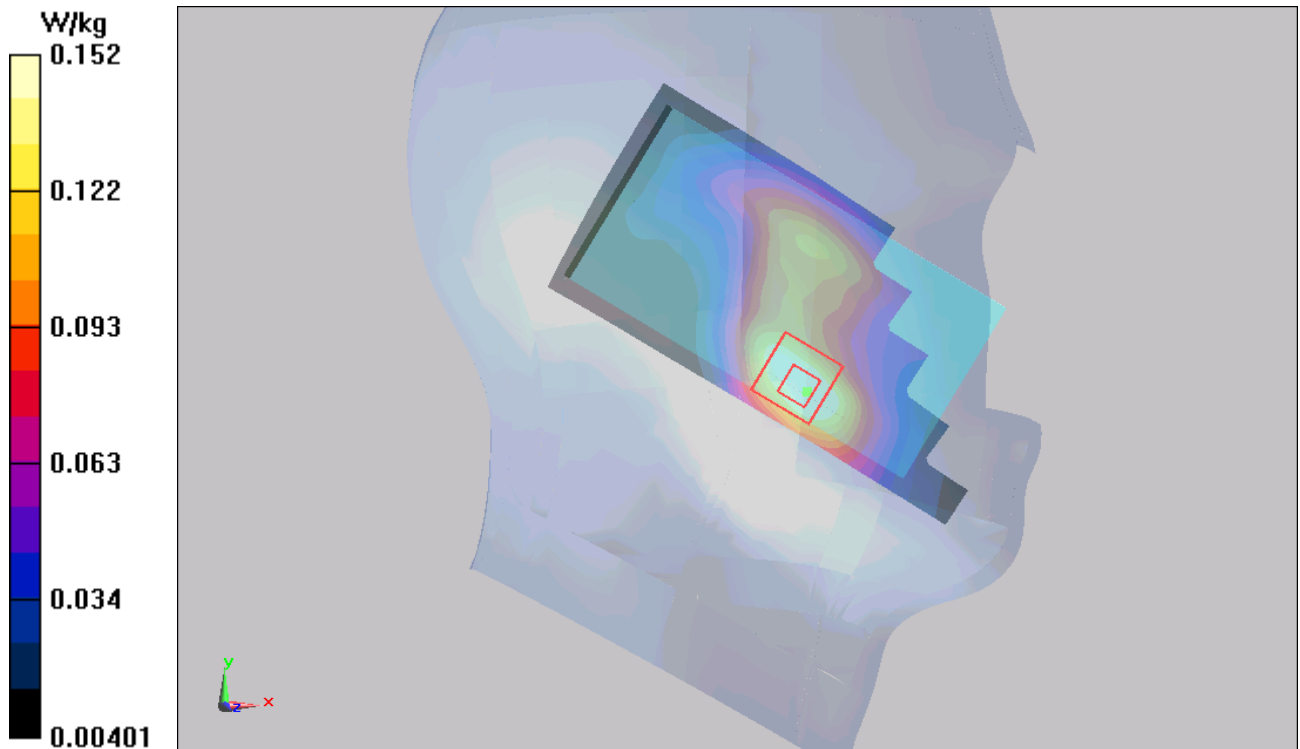


Figure 186 Left Hand Touch Cheek LTE Band 2 50%RB Channel 19100

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LTE Band 2 50%RB Left Cheek Middle

Date/Time: 3/1/2014 5:45:37 AM

Communication System:LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.413$ S/m; $\epsilon_r = 39.689$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Left Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Left Cheek Middle/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.171 W/kg

Left Cheek Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.042 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.249 W/kg

SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.098 W/kg

Maximum value of SAR (measured) = 0.168 W/kg

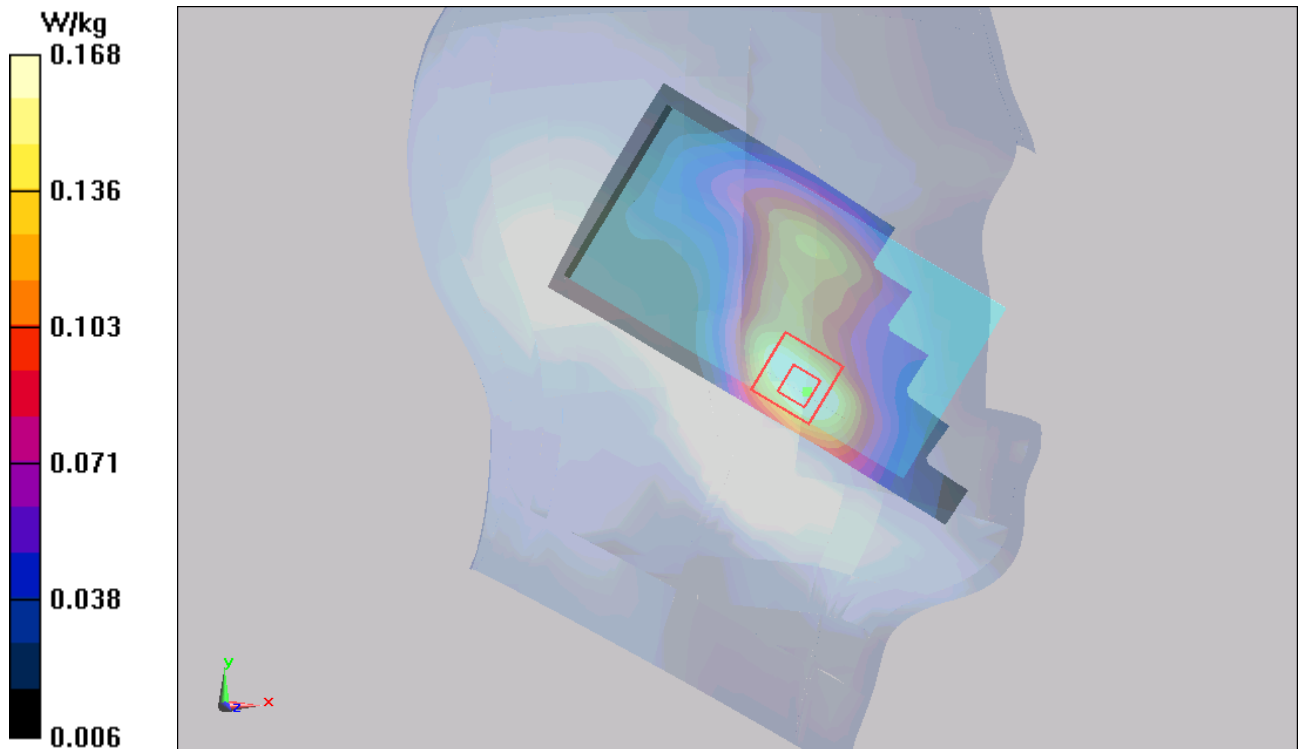


Figure 187 Left Hand Touch Cheek LTE Band 2 50%RB Channel 18900

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LTE Band 2 50%RB Left Cheek Low

Date/Time: 3/1/2014 5:08:25 AM

Communication System:LTE (0); Frequency: 1860 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.396$ S/m; $\epsilon_r = 39.766$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Left Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Left Cheek Low/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.198 W/kg

Left Cheek Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.511 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.280 W/kg

SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.110 W/kg

Maximum value of SAR (measured) = 0.198 W/kg

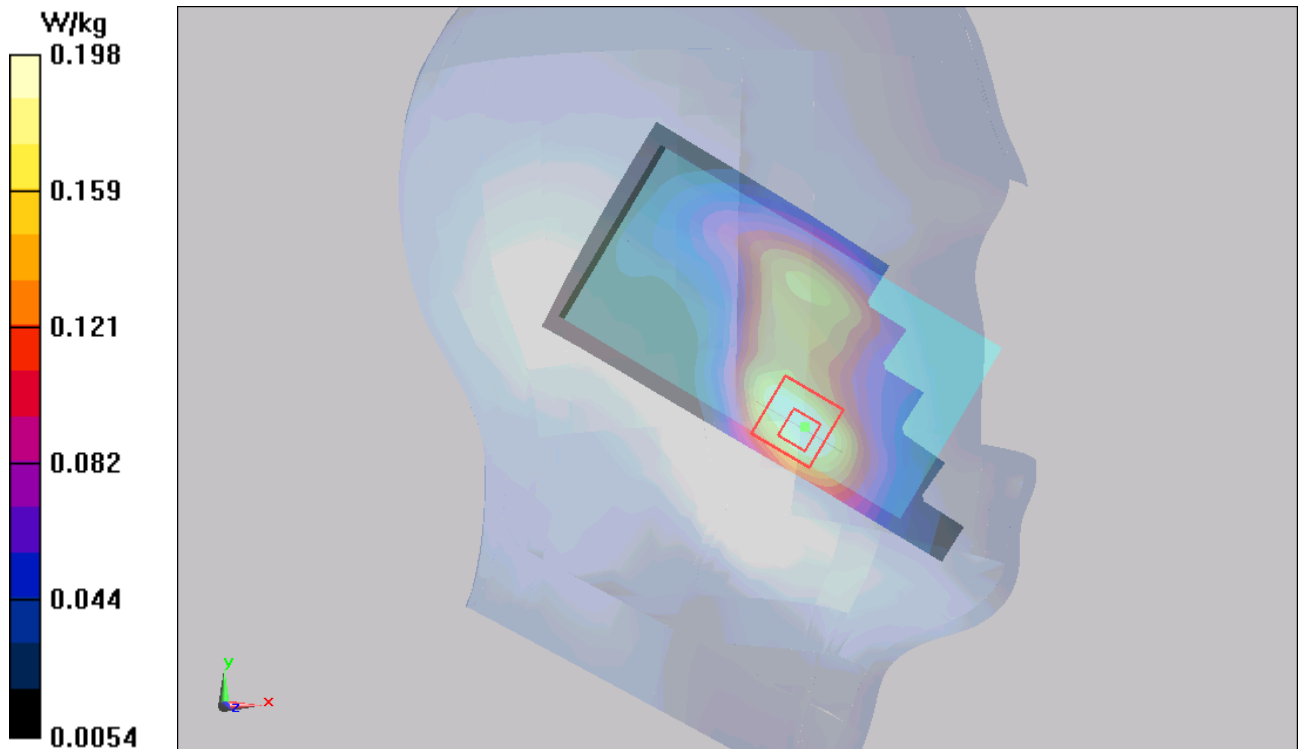


Figure 188 Left Hand Touch Cheek LTE Band 2 50%RB Channel 18700

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LTE Band 2 50%RB Left Tilt High

Date/Time: 3/1/2014 6:17:18 AM

Communication System:LTE (0); Frequency: 1900 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.431$ S/m; $\epsilon_r = 39.602$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Left Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Left Tilt High/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0877 W/kg

Left Tilt High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.190 V/m; Power Drift = 0.048 dB

Peak SAR (extrapolated) = 0.106 W/kg

SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.0710 W/kg

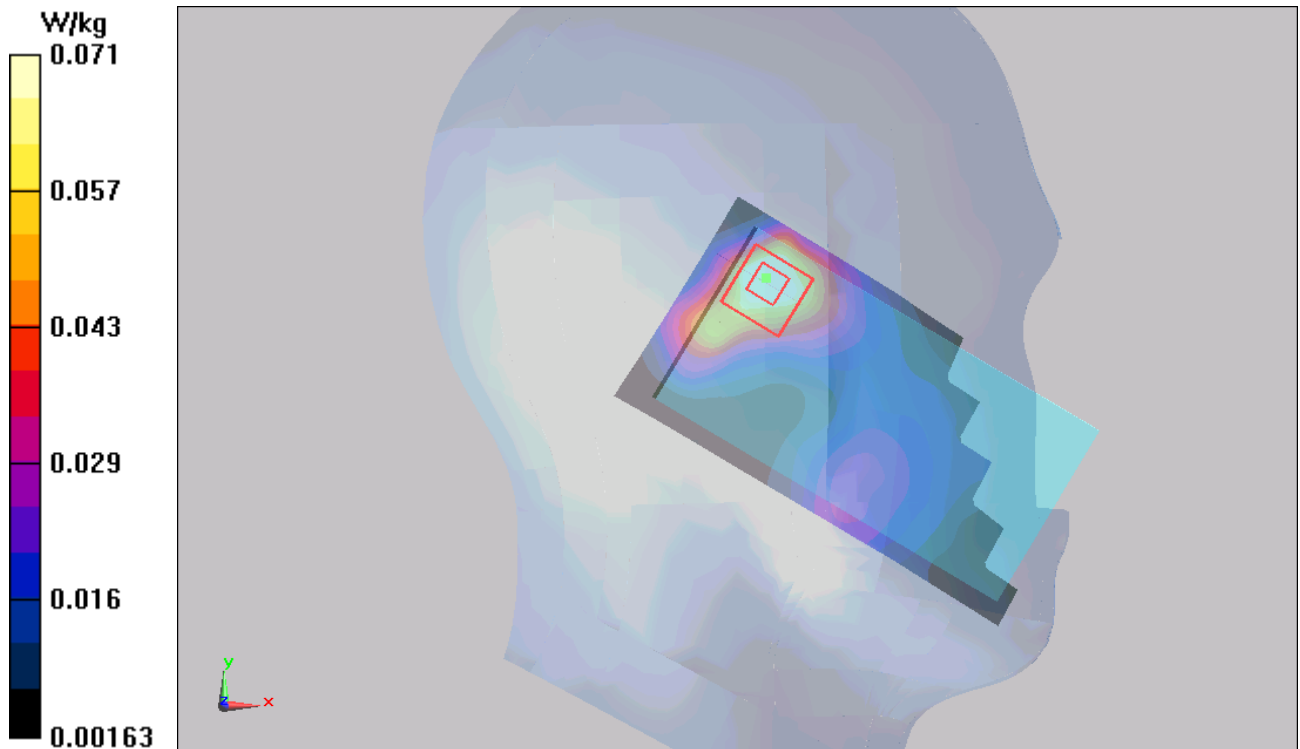


Figure 189 Left Hand Tilt 15° LTE Band 2 50%RB Channel 19100

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LTE Band 2 50%RB Left Tilt Middle

Date/Time: 3/1/2014 7:52:19 AM

Communication System: LTE (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.413$ S/m; $\epsilon_r = 39.689$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Left Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Left Tilt Middle/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0914 W/kg

Left Tilt Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.879 V/m; Power Drift = 0.036 dB

Peak SAR (extrapolated) = 0.111 W/kg

SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.046 W/kg

Maximum value of SAR (measured) = 0.0803 W/kg

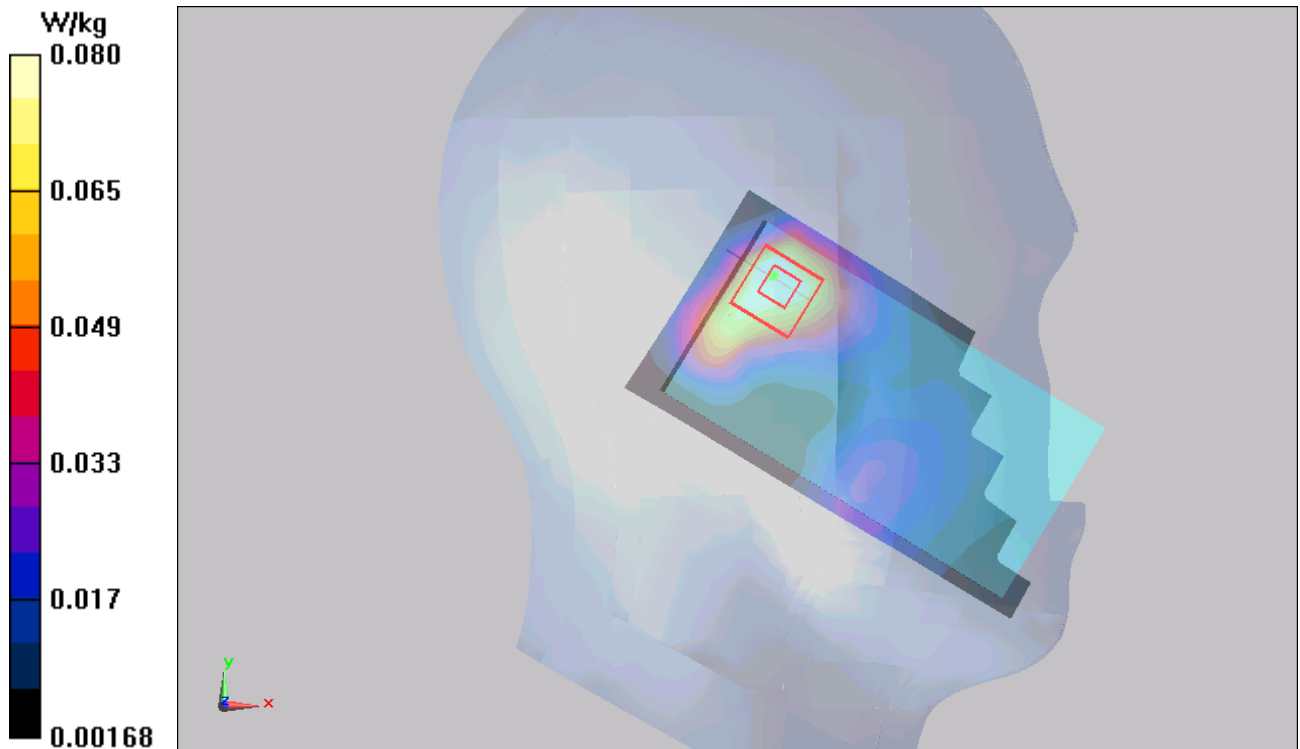


Figure 190 Left Hand Tilt 15° LTE Band 2 50%RB Channel 18900

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LTE Band 2 50%RB Left Tilt Low

Date/Time: 3/1/2014 7:36:39 AM

Communication System: LTE (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.396$ S/m; $\epsilon_r = 39.766$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Left Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Left Tilt Low/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.106 W/kg

Left Tilt Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.512 V/m; Power Drift = 0.031 dB

Peak SAR (extrapolated) = 0.129 W/kg

SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.054 W/kg

Maximum value of SAR (measured) = 0.0890 W/kg

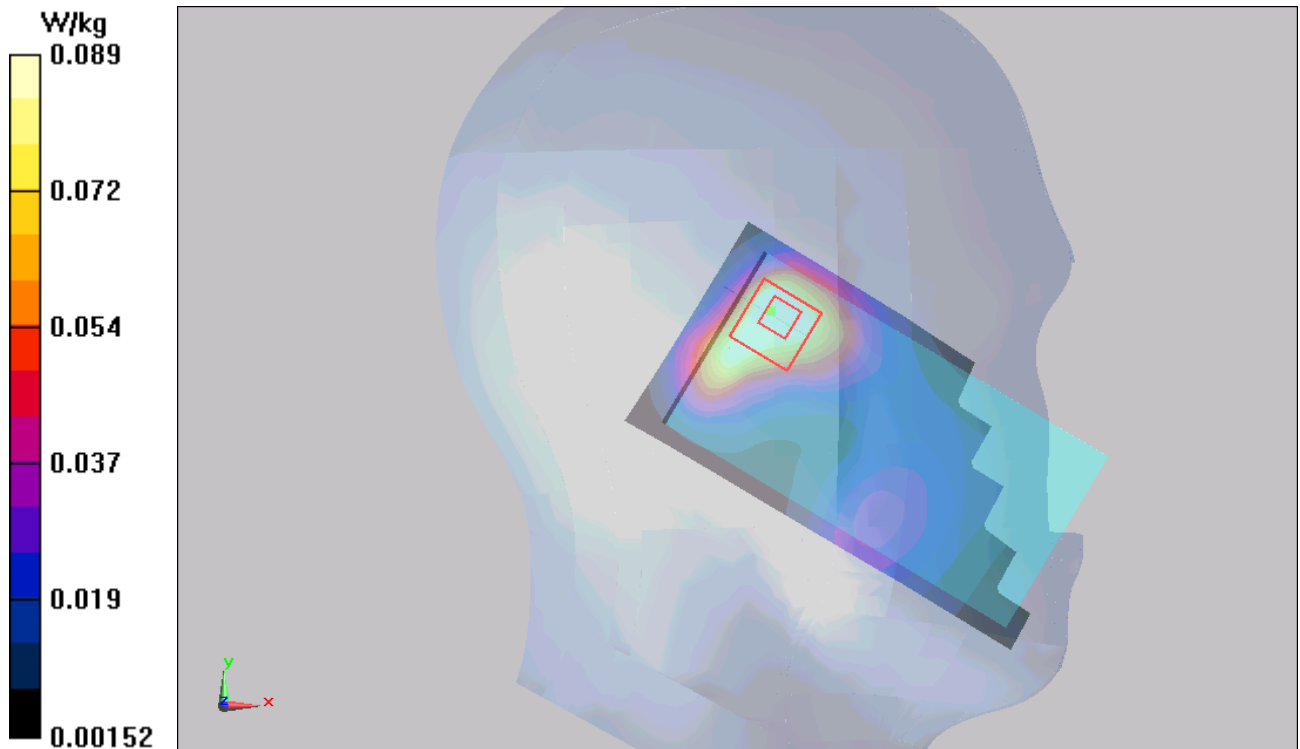


Figure 191 Left Hand Tilt 15° LTE Band 2 50%RB Channel 18700

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LTE Band 2 50%RB Right Cheek High

Date/Time: 3/1/2014 1:56:41 AM

Communication System:LTE (0); Frequency: 1900 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.431$ S/m; $\epsilon_r = 39.602$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Right Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Right Cheek High/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.192 W/kg

Right Cheek High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.289 V/m; Power Drift = 0.111 dB

Peak SAR (extrapolated) = 0.268 W/kg

SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.104 W/kg

Maximum value of SAR (measured) = 0.187 W/kg

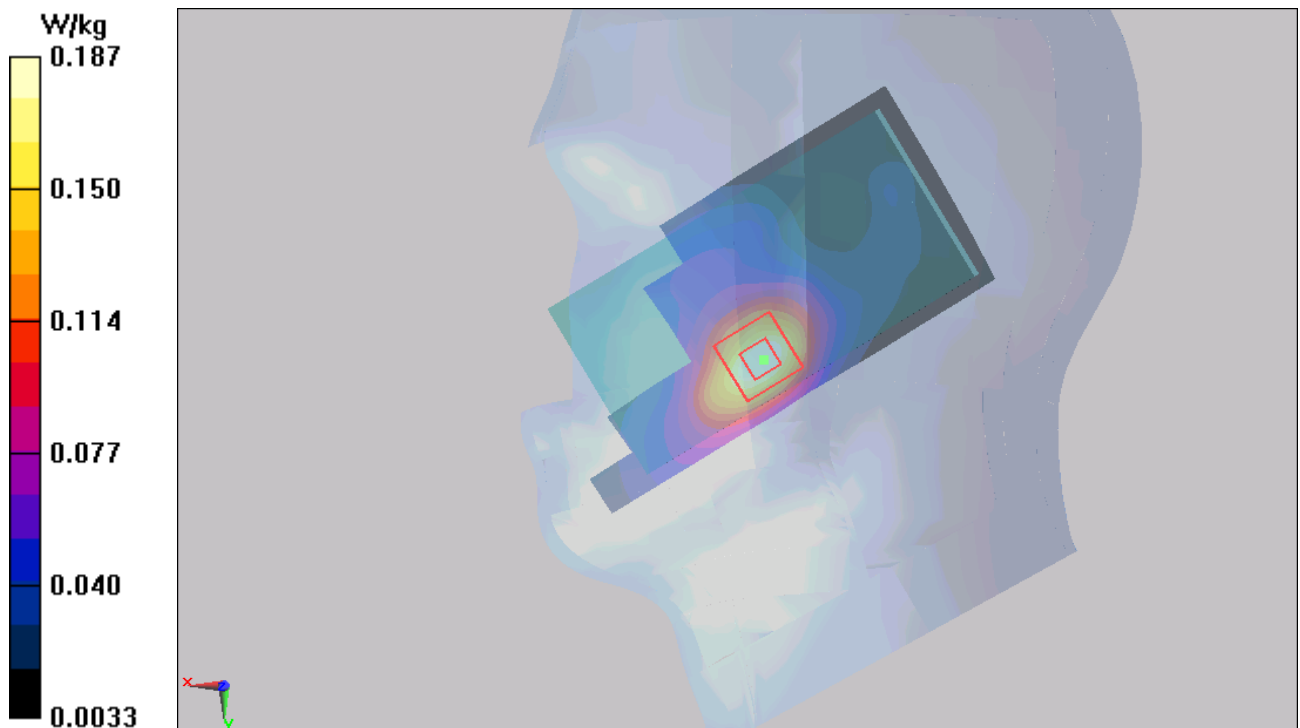


Figure 192 Right Hand Touch Cheek LTE Band 2 50%RB Channel 19100

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LTE Band 2 50%RB Right Cheek Middle

Date/Time: 3/1/2014 2:11:50 AM

Communication System:LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.413$ S/m; $\epsilon_r = 39.689$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Right Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Right Cheek Middle/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.217 W/kg

Right Cheek Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.425 V/m; Power Drift = 0.094 dB

Peak SAR (extrapolated) = 0.301 W/kg

SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.119 W/kg

Maximum value of SAR (measured) = 0.213 W/kg

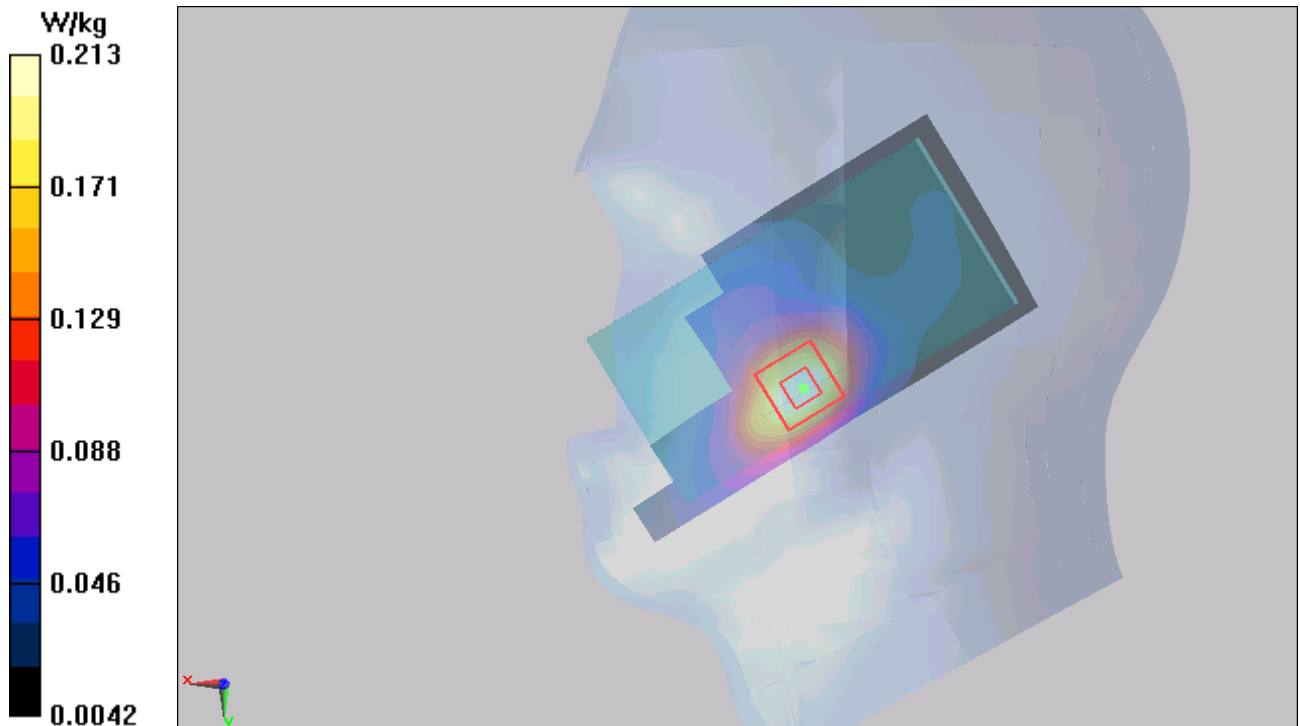


Figure 193 Right Hand Touch Cheek LTE Band 2 50%RB Channel 18900

LTE Band 2 50%RB Right Cheek Low

Date/Time: 3/1/2014 1:41:36 AM

Communication System:LTE (0); Frequency: 1860 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.396$ S/m; $\epsilon_r = 39.766$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Right Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Right Cheek Low/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.244 W/kg

Right Cheek Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.657 V/m; Power Drift = 0.100 dB

Peak SAR (extrapolated) = 0.343 W/kg

SAR(1 g) = 0.222 W/kg; SAR(10 g) = 0.136 W/kg

Maximum value of SAR (measured) = 0.243 W/kg

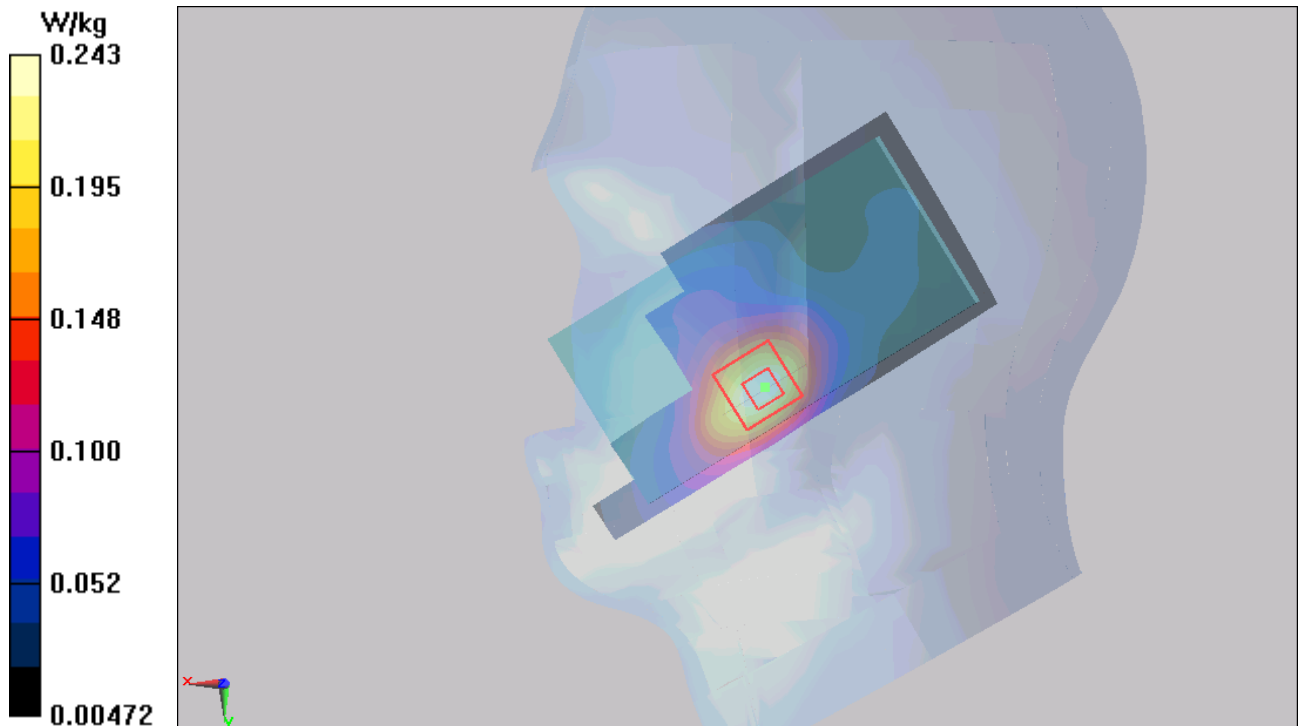


Figure 194 Right Hand Touch Cheek LTE Band 2 50%RB Channel 18700

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LTE Band 2 50%RB Right Tilt High

Date/Time: 3/1/2014 2:43:48 AM

Communication System:LTE (0); Frequency: 1900 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.431$ S/m; $\epsilon_r = 39.602$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Right Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Right Tilt High/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0727 W/kg

Right Tilt High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.718 V/m; Power Drift = 0.050 dB

Peak SAR (extrapolated) = 0.0960 W/kg

SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.033 W/kg

Maximum value of SAR (measured) = 0.0644 W/kg

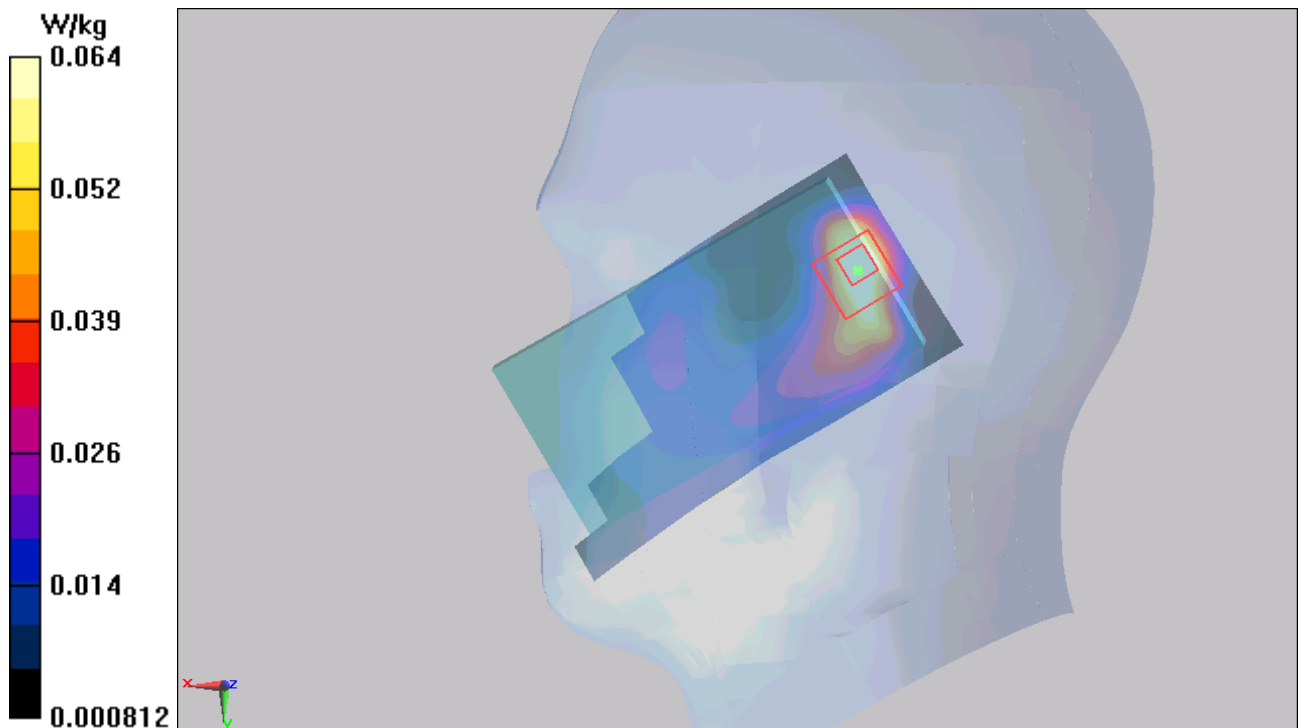


Figure 195 Right Hand Tilt 15° LTE Band 2 50%RB Channel 19100

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LTE Band 2 50%RB Right Tilt Middle

Date/Time: 3/1/2014 2:28:11 AM

Communication System: LTE (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.413$ S/m; $\epsilon_r = 39.689$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Right Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Right Tilt Middle/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0798 W/kg

Right Tilt Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.174 V/m; Power Drift = 0.048 dB

Peak SAR (extrapolated) = 0.111 W/kg

SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.038 W/kg

Maximum value of SAR (measured) = 0.0721 W/kg

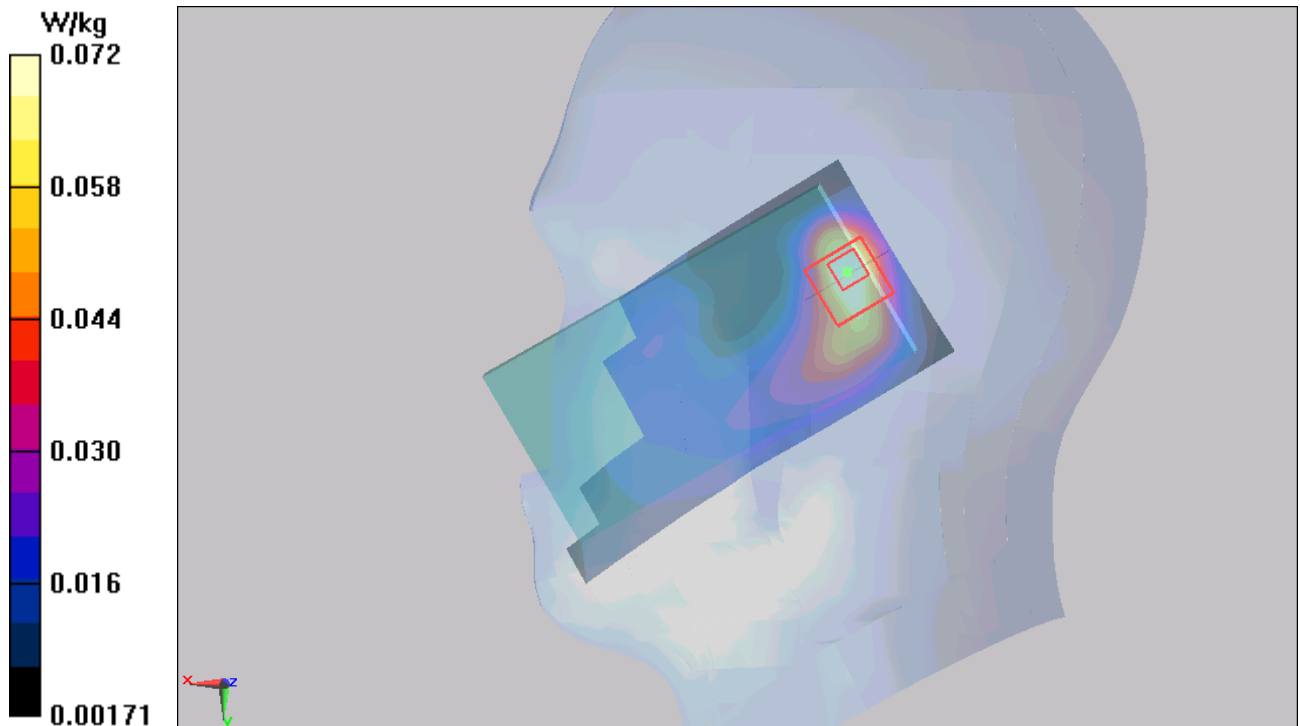


Figure 196 Right Hand Tilt 15° LTE Band 2 50%RB Channel 18900

LTE Band 2 50%RB Right Tilt Low

Date/Time: 3/1/2014 2:58:58 AM

Communication System:LTE (0); Frequency: 1860 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.396$ S/m; $\epsilon_r = 39.766$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Right Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Right Tilt Low/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0972 W/kg

Right Tilt Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.019 V/m; Power Drift = 0.036 dB

Peak SAR (extrapolated) = 0.131 W/kg

SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.046 W/kg

Maximum value of SAR (measured) = 0.0879 W/kg

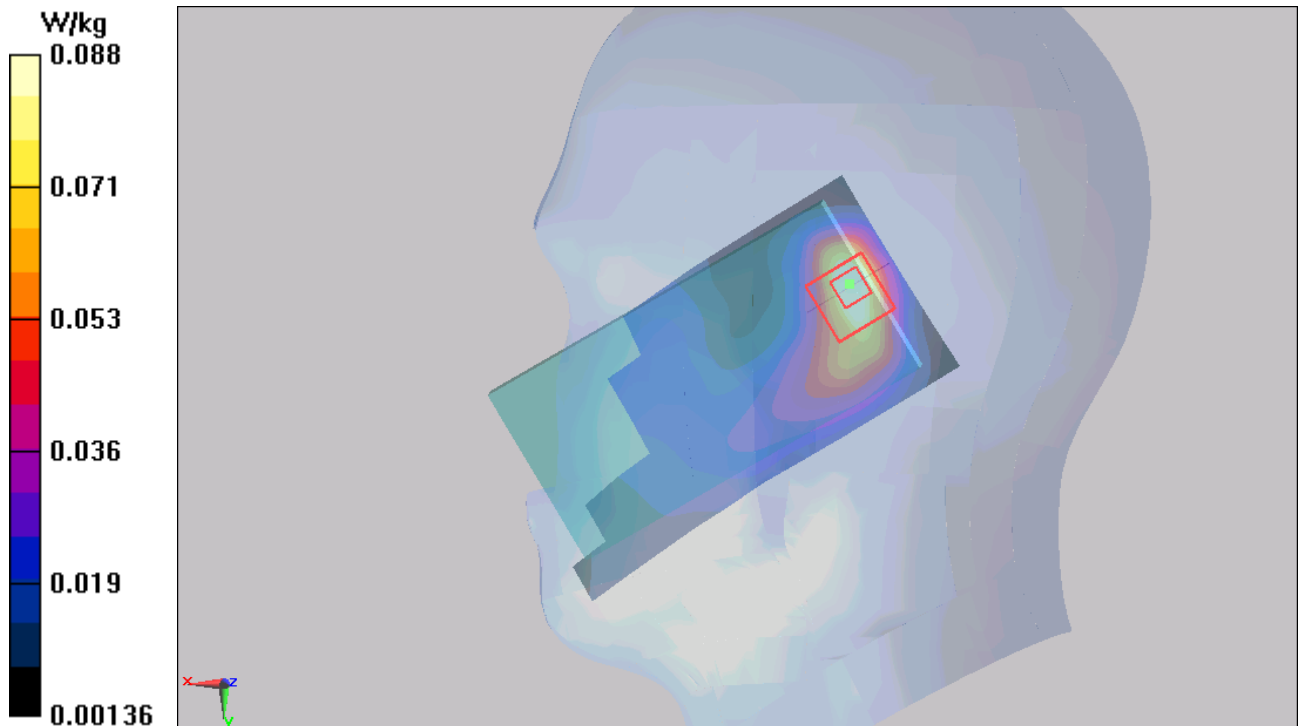


Figure 197 Right Hand Tilt 15° LTE Band 2 50%RB Channel 18700

LTE Band 2 50%RB Right Cheek Low (Battery 2)

Date/Time: 3/1/2014 8:29:52 AM

Communication System: LTE (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.396$ S/m; $\epsilon_r = 39.766$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Right Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Right Cheek Low/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.219 W/kg

Right Cheek Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.846 V/m; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 0.302 W/kg

SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.121 W/kg

Maximum value of SAR (measured) = 0.215 W/kg

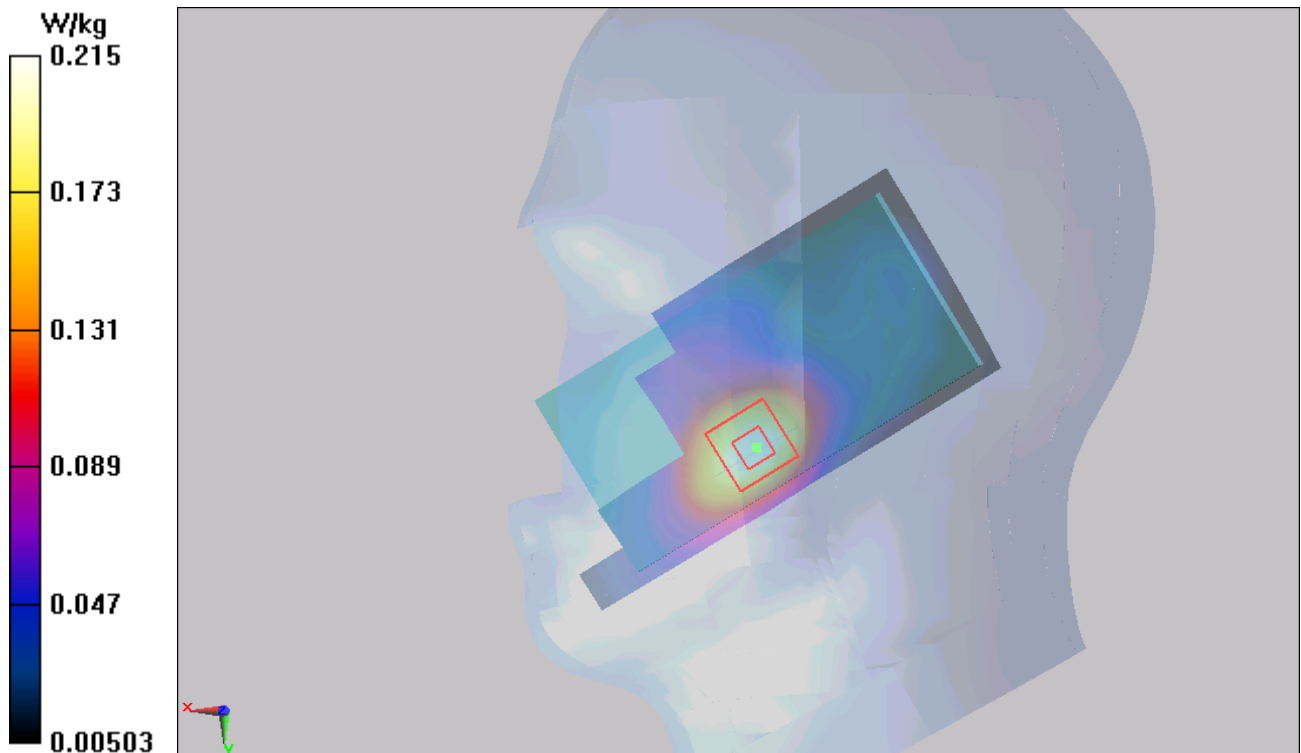


Figure 198 Right Hand Touch Cheek LTE Band 2 50%RB Channel 18700

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LTE Band 2 50%RB Back Side Middle

Date/Time: 3/3/2014 6:09:09 PM

Communication System: LTE (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.504$ S/m; $\epsilon_r = 53.137$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 - SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Back Side Middle/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.523 W/kg

Back Side Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.871 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.736 W/kg

SAR(1 g) = 0.460 W/kg; SAR(10 g) = 0.273 W/kg

Maximum value of SAR (measured) = 0.518 W/kg

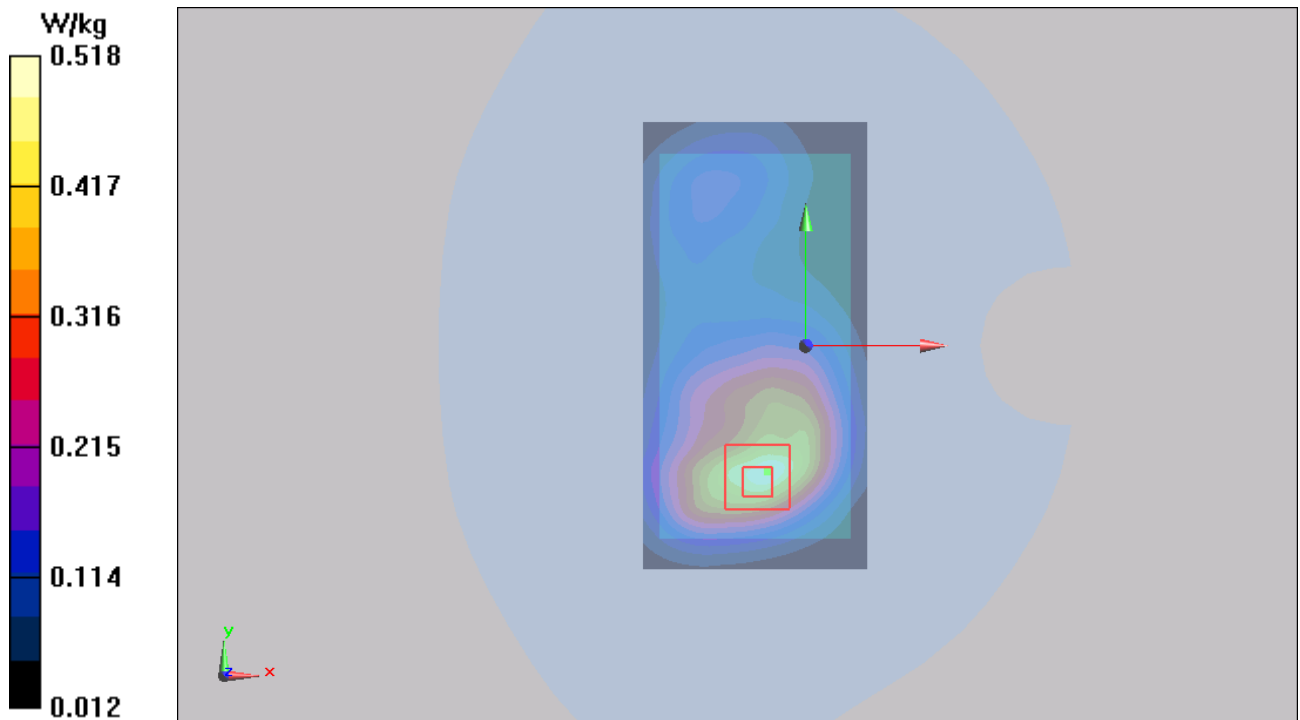


Figure 199 Body, Back Side, LTE Band 2 50%RB Channel 18900

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LTE Band 2 50%RB Front Side Middle

Date/Time: 3/3/2014 5:54:37 PM

Communication System: LTE (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.504$ S/m; $\epsilon_r = 53.137$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 - SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Front Side Middle/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.289 W/kg

Front Side Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.727 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.406 W/kg

SAR(1 g) = 0.262 W/kg; SAR(10 g) = 0.165 W/kg

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

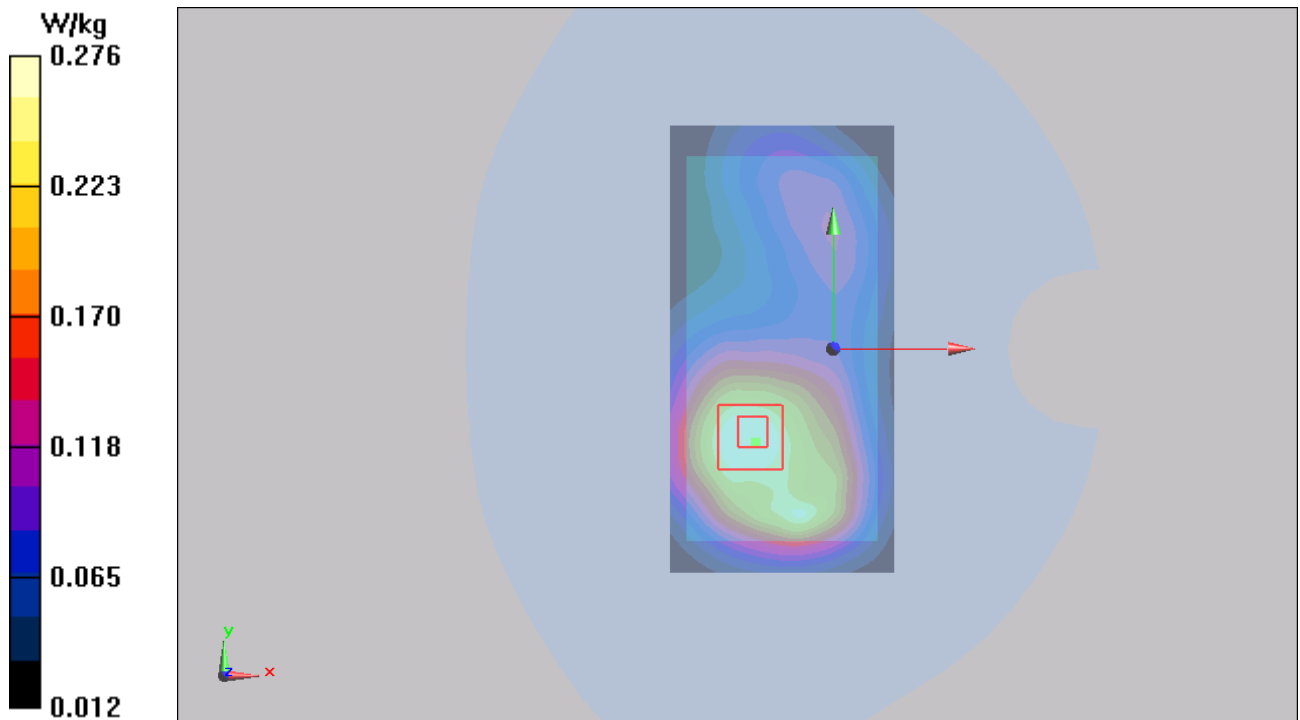


Figure 200 Body, Front Side, LTE Band 2 50%RB Channel 18900

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LTE Band 2 50%RB Left Edge Middle

Date/Time: 3/3/2014 6:29:09 PM

Communication System: LTE (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.504$ S/m; $\epsilon_r = 53.137$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 - SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Left Side Middle/Area Scan (31x101x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0767 W/kg

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

Reference Value = 4.454 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.121 W/kg

SAR(1 g) = 0.072 W/kg; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.0719 W/kg

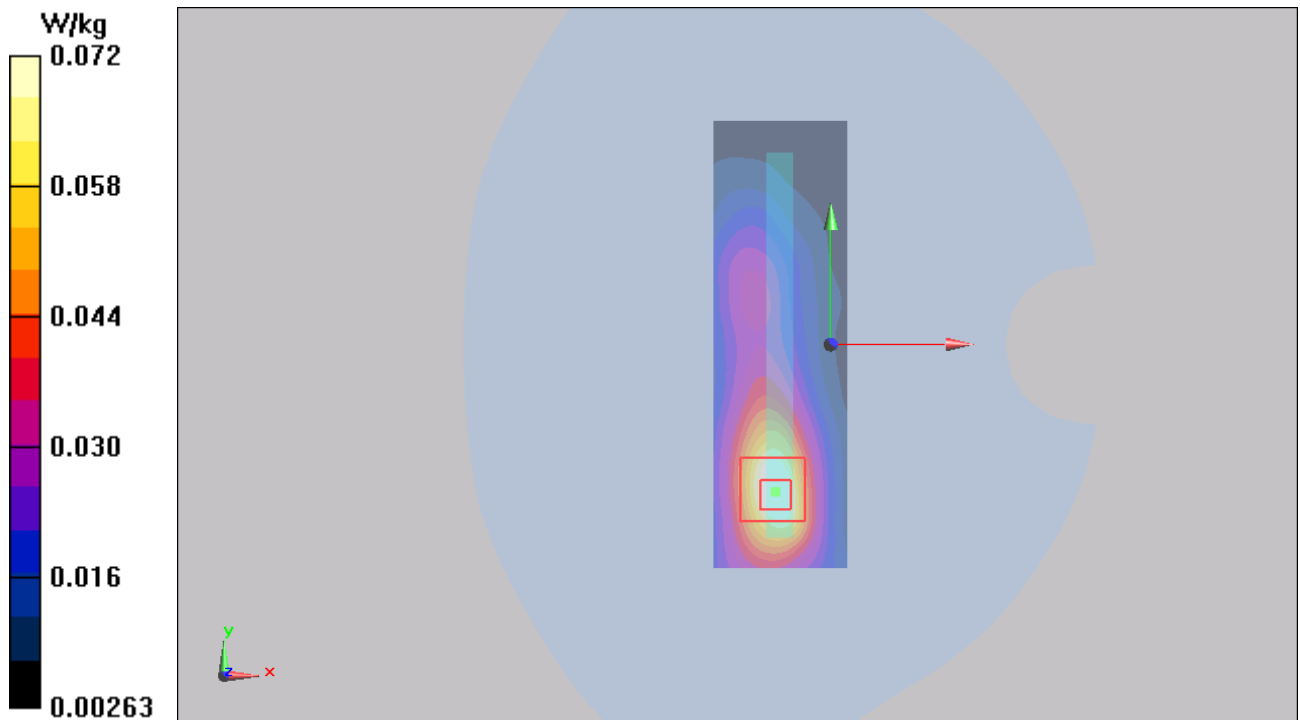


Figure 201 Body, Left Edge, LTE Band 2 50%RB Channel 18900

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LTE Band 2 50%RB Right Edge Middle

Date/Time: 3/3/2014 4:14:29 PM

Communication System: LTE (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.504$ S/m; $\epsilon_r = 53.137$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 - SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Right Side Middle/Area Scan (31x101x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0819 W/kg

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

Reference Value = 3.780 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 0.118 W/kg

SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.049 W/kg

Maximum value of SAR (measured) = 0.0823 W/kg

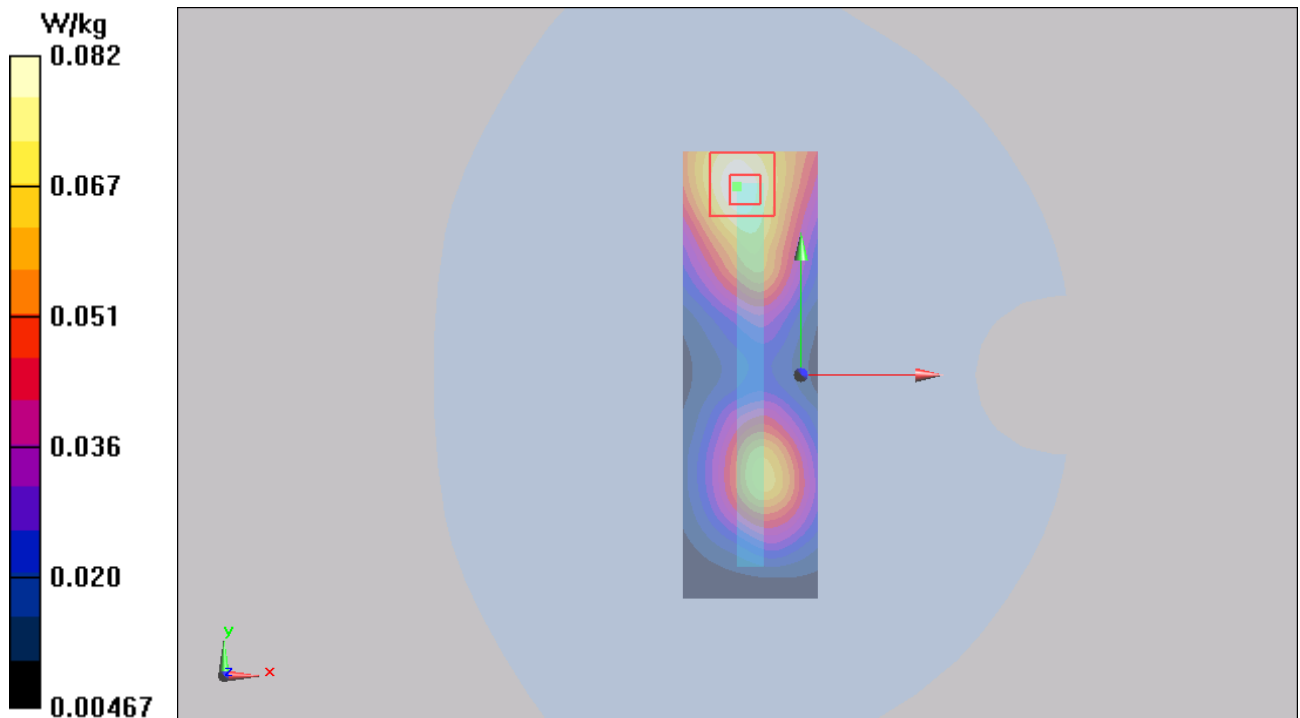


Figure 202 Body, Right Edge, LTE Band 2 50%RB Channel 18900

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LTE Band 2 50%RB Bottom Edge Middle

Date/Time: 3/3/2014 4:27:15 PM

Communication System:LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.504$ S/m; $\epsilon_r = 53.137$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 - SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Bottom Side Middle/Area Scan (31x61x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.672 W/kg

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

Reference Value = 20.455 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.613 W/kg; SAR(10 g) = 0.338 W/kg

Maximum value of SAR (measured) = 0.638 W/kg

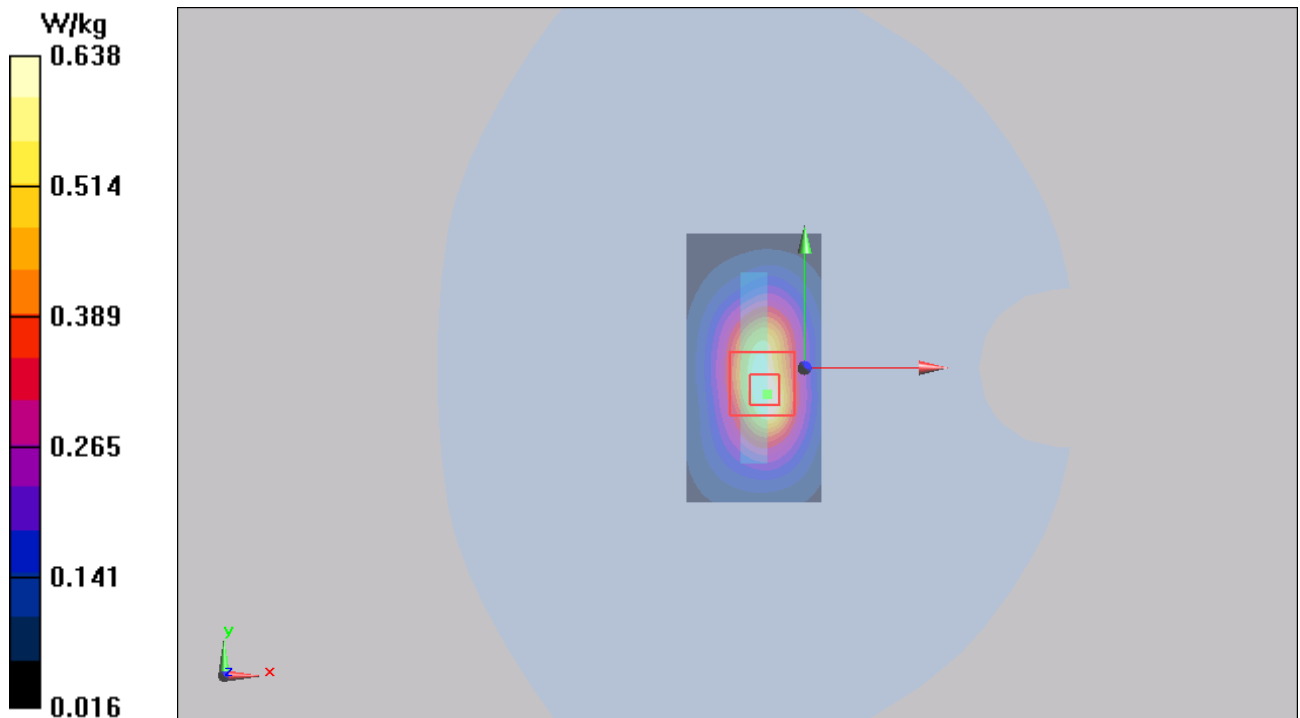


Figure 203 Body, Bottom Edge, LTE Band 2 50%RB Channel 18900

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LTE Band 2 50%RB Bottom Edge Middle (Battery 2)

Date/Time: 3/3/2014 4:54:28 PM

Communication System: LTE (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.504$ S/m; $\epsilon_r = 53.137$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 - SN3677; ConvF(8.15, 8.15, 8.15); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Bottom Side Middle/Area Scan (31x61x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.673 W/kg

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

Reference Value = 20.320 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.608 W/kg; SAR(10 g) = 0.335 W/kg

Maximum value of SAR (measured) = 0.626 W/kg

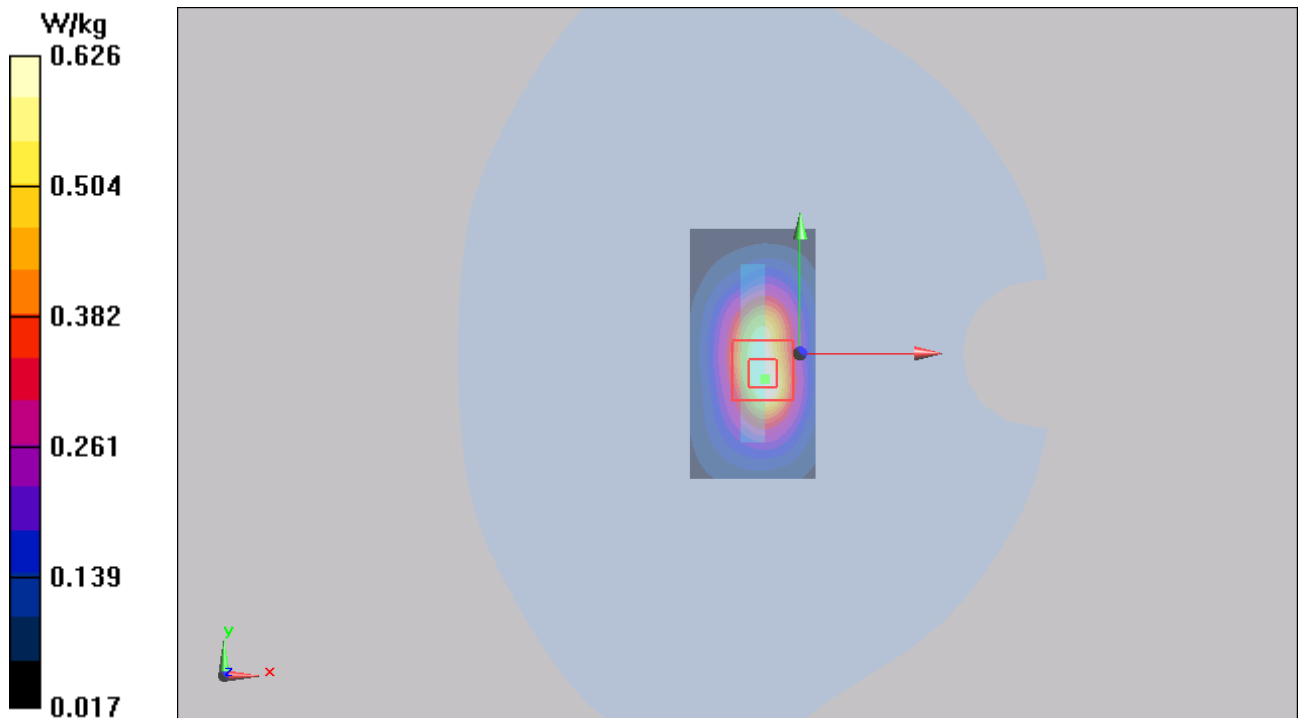


Figure 204 Body, Back Side, LTE Band 2 50%RB Channel 18900

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LTE Band 4 1RB Left Cheek High

Date/Time: 3/3/2014 12:08:40 AM

Communication System:LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.384$ S/m; $\epsilon_r = 40.303$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Left Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.22, 8.22, 8.22); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Left Cheek High/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.611 W/kg

Left Cheek High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.560 V/m; Power Drift = 0.038 dB

Peak SAR (extrapolated) = 0.844 W/kg

SAR(1 g) = 0.561 W/kg; SAR(10 g) = 0.354 W/kg

Maximum value of SAR (measured) = 0.569 W/kg

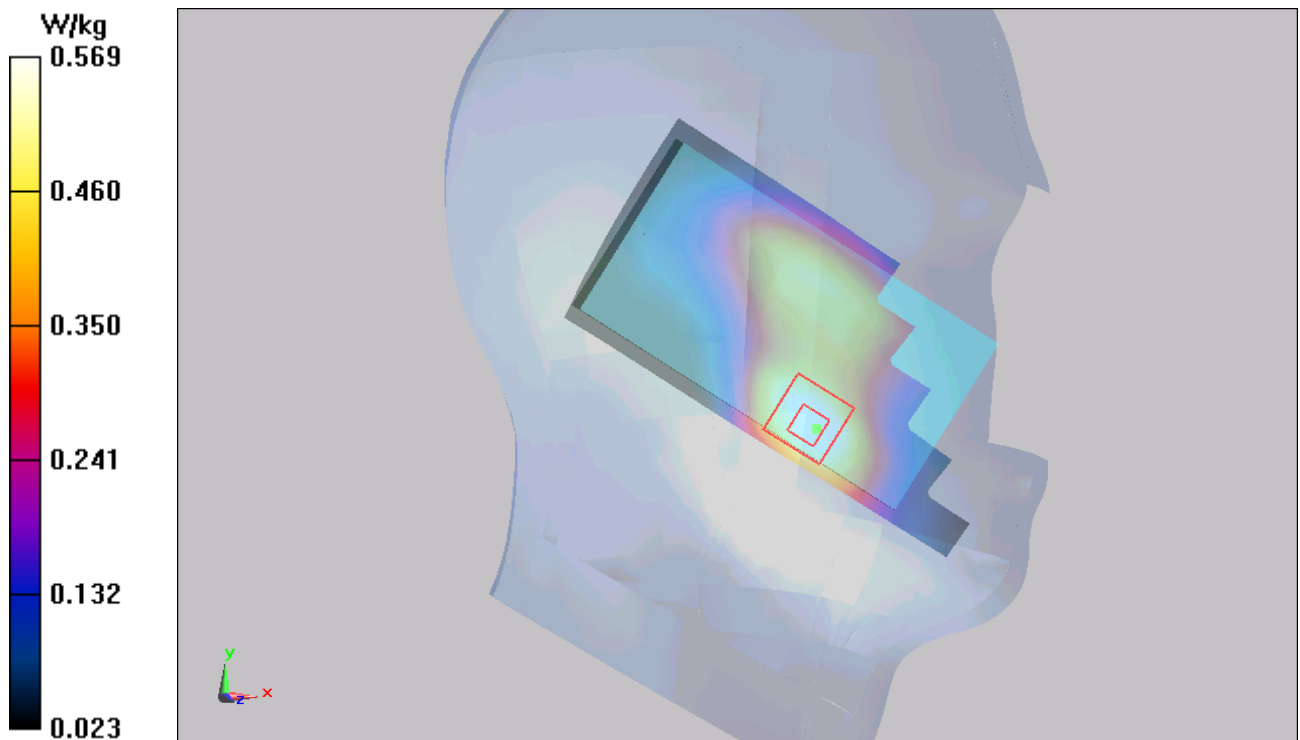


Figure 205 Left Hand Touch Cheek LTE Band 4 1RB Channel 20300

LTE Band 4 1RB Left Cheek Middle

Date/Time: 3/3/2014 11:26:56 PM

Communication System:LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 40.368$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Left Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.22, 8.22, 8.22); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Left Cheek Middle/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.639 W/kg

Left Cheek Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.979 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.869 W/kg

SAR(1 g) = 0.580 W/kg; SAR(10 g) = 0.367 W/kg

Maximum value of SAR (measured) = 0.584 W/kg

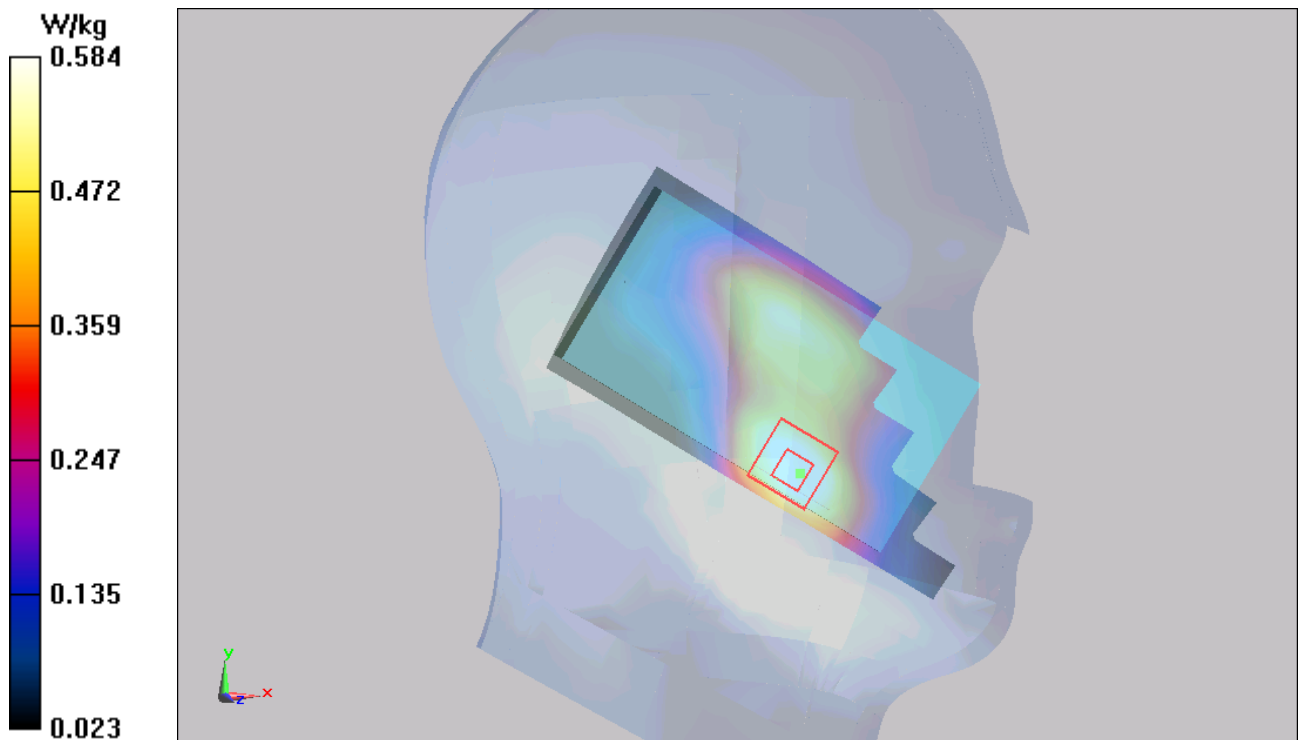


Figure 206 Left Hand Touch Cheek LTE Band 4 1RB Channel 20175

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LTE Band 4 1RB Left Cheek Low

Date/Time: 3/3/2014 12:21:38 AM

Communication System: LTE (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.36$ S/m; $\epsilon_r = 40.414$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Left Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.22, 8.22, 8.22); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Left Cheek Low/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.643 W/kg

Left Cheek Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.655 V/m; Power Drift = 0.038 dB

Peak SAR (extrapolated) = 0.869 W/kg

SAR(1 g) = 0.586 W/kg; SAR(10 g) = 0.373 W/kg

Maximum value of SAR (measured) = 0.603 W/kg

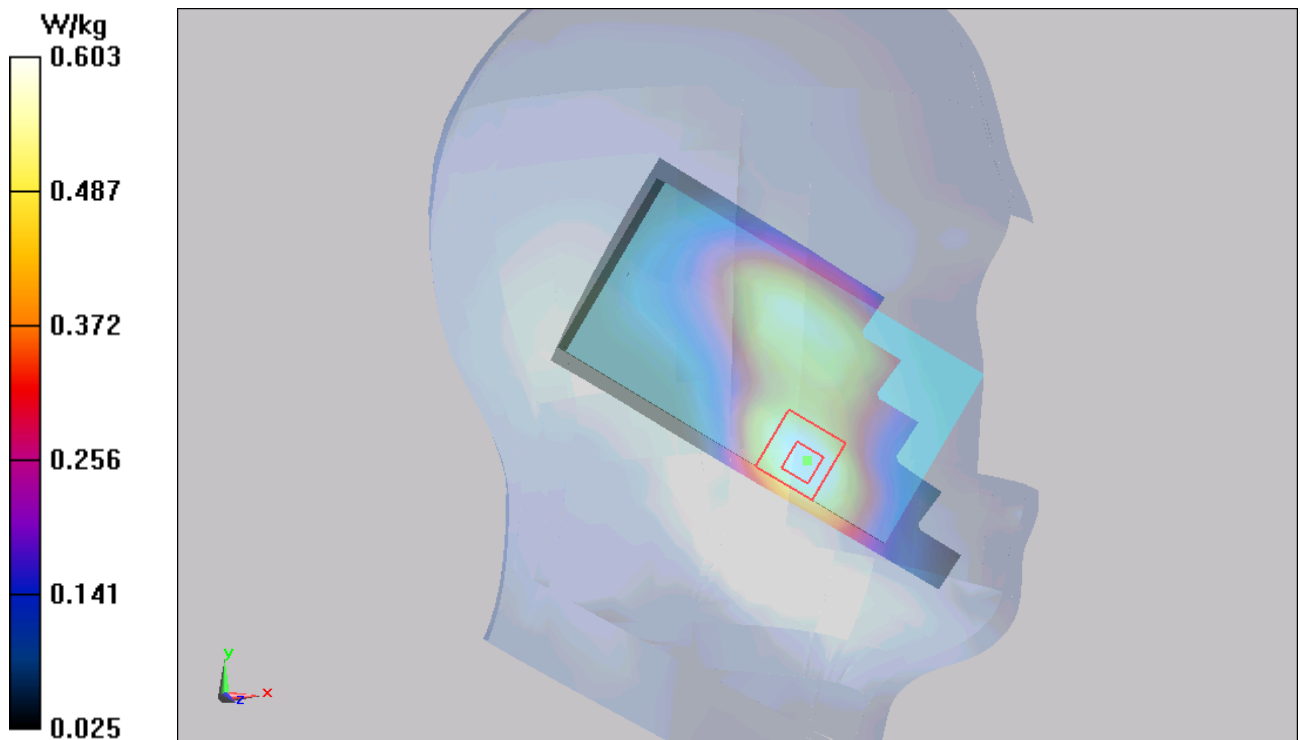


Figure 207 Left Hand Touch Cheek LTE Band 4 1RB Channel 20050

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LTE Band 4 1RB Left Tilt High

Date/Time: 3/3/2014 1:52:47 AM

Communication System:LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.384$ S/m; $\epsilon_r = 40.303$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Left Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.22, 8.22, 8.22); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Left Tilt High/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.334 W/kg

Left Tilt High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.638 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.418 W/kg

SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.185 W/kg

Maximum value of SAR (measured) = 0.295 W/kg

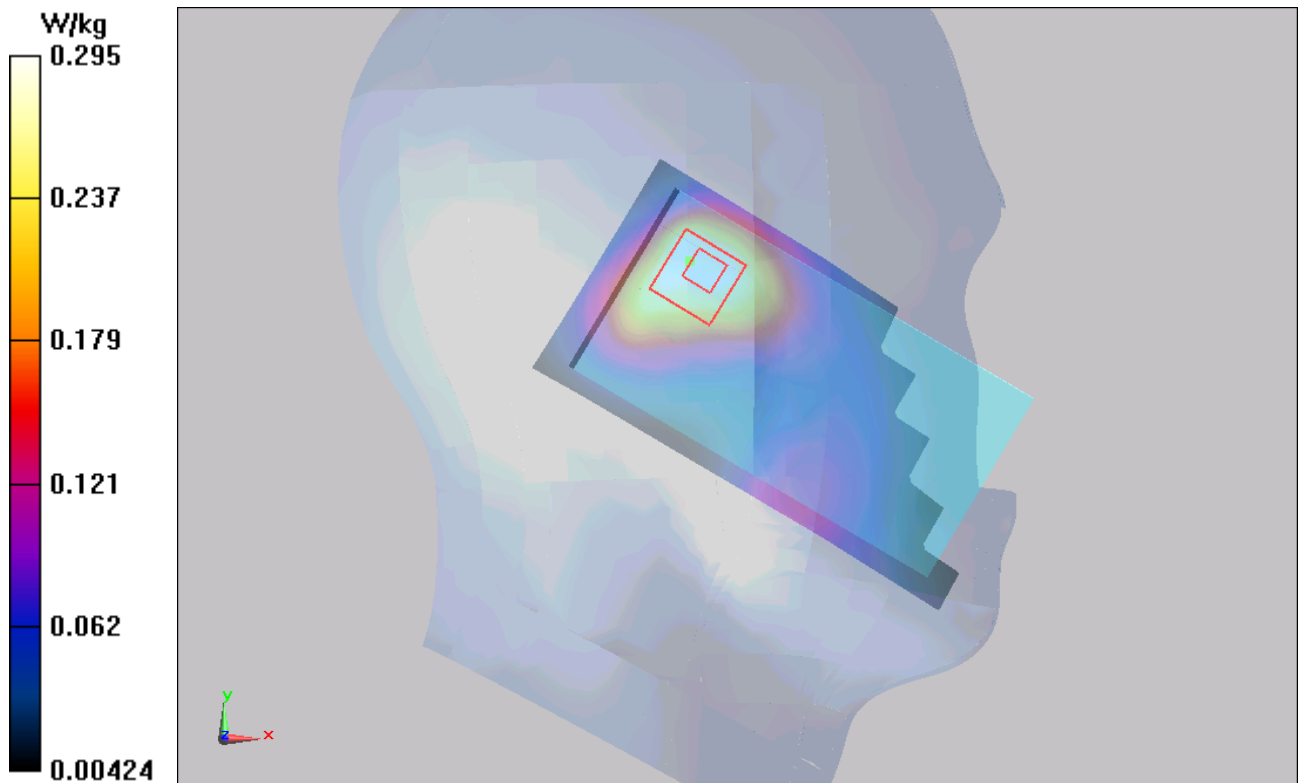


Figure 208 Left Hand Tilt 15° LTE Band 4 1RB Channel 20300

LTE Band 4 1RB Left Tilt Middle

Date/Time: 3/3/2014 1:13:42 AM

Communication System:LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 40.368$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Left Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.22, 8.22, 8.22); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Left Tilt Middle/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.349 W/kg

Left Tilt Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.979 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.436 W/kg

SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.195 W/kg

Maximum value of SAR (measured) = 0.310 W/kg

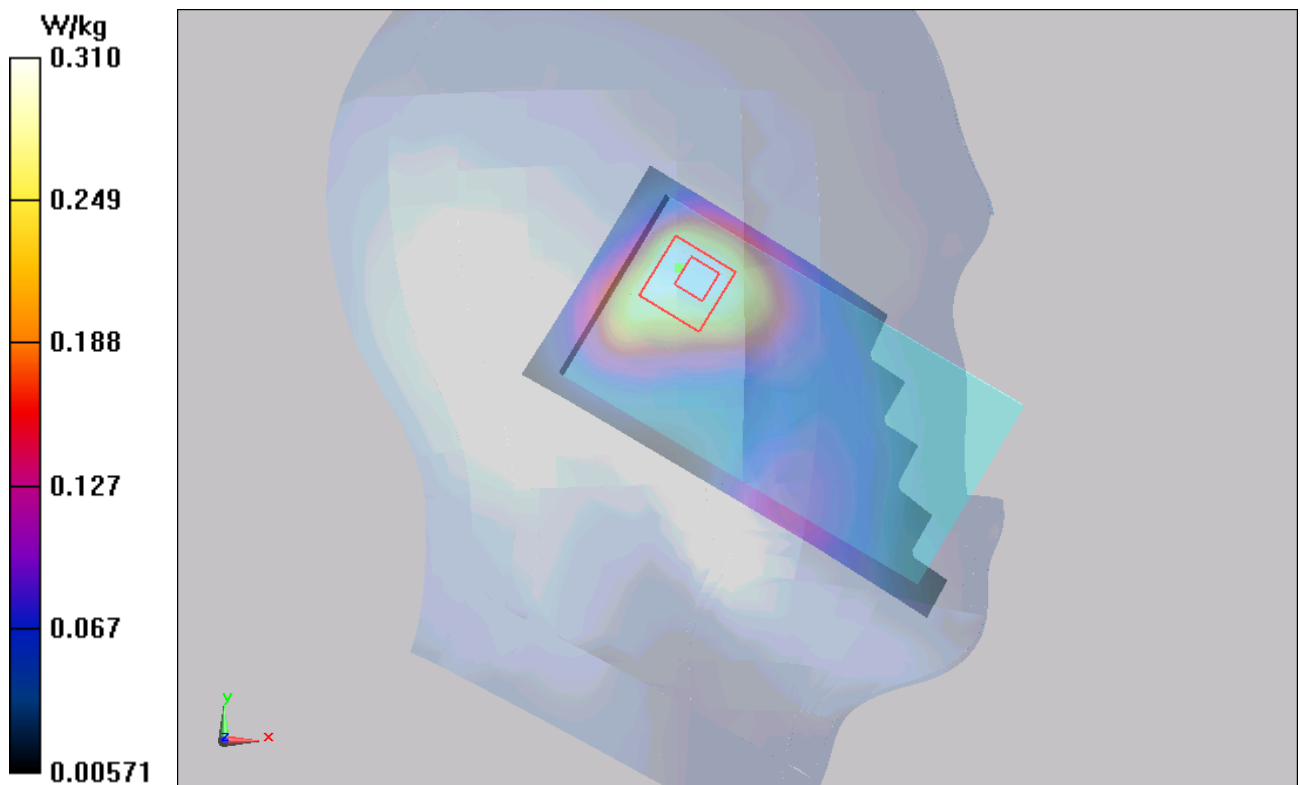


Figure 209 Left Hand Tilt 15° LTE Band 4 1RB Channel 20175

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LTE Band 4 1RB Left Tilt Low

Date/Time: 3/3/2014 1:00:40 AM

Communication System:LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.36$ S/m; $\epsilon_r = 40.414$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Left Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.22, 8.22, 8.22); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Left Tilt Low/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.347 W/kg

Left Tilt Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.188 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.438 W/kg

SAR(1 g) = 0.304 W/kg; SAR(10 g) = 0.199 W/kg

Maximum value of SAR (measured) = 0.317 W/kg

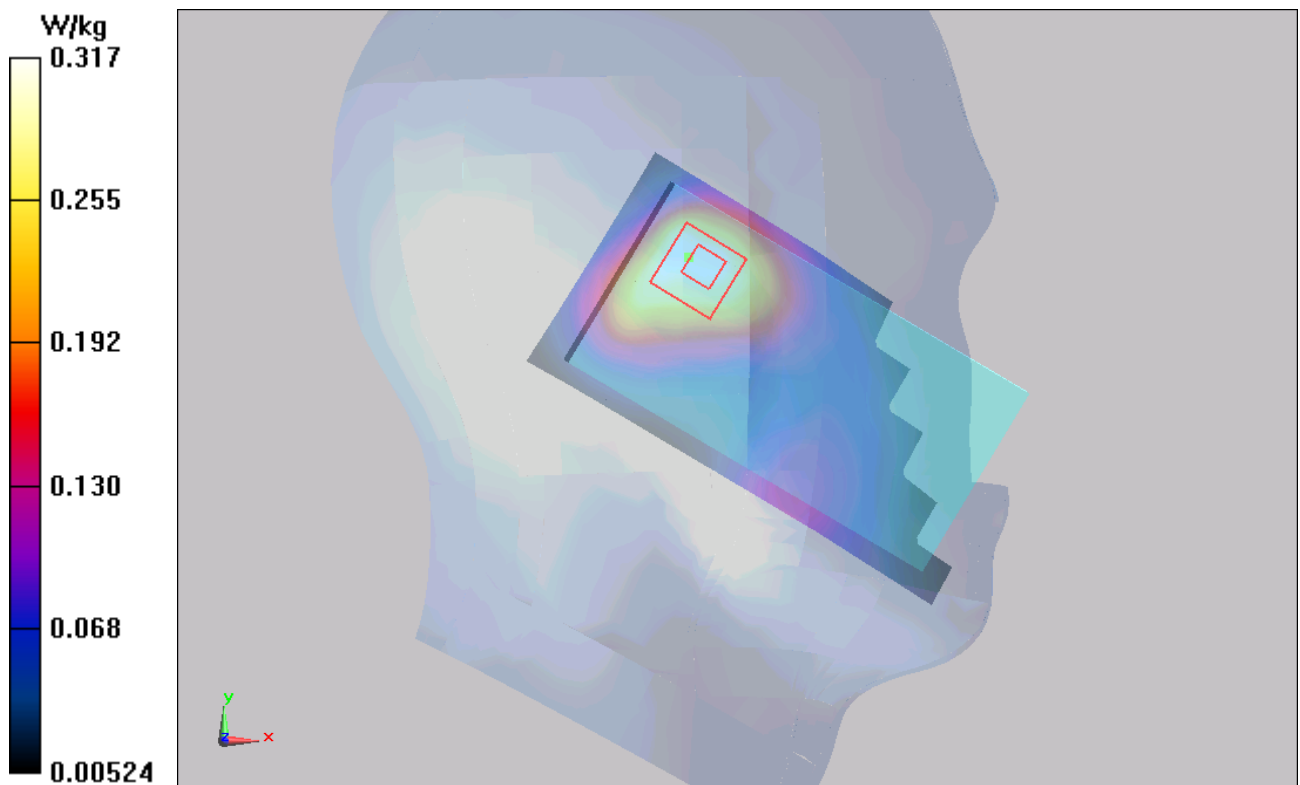


Figure 210 Left Hand Tilt 15° LTE Band 4 1RB Channel 20050

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LTE Band 4 1RB Right Cheek High

Date/Time: 3/3/2014 9:11:00 PM

Communication System:LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.384$ S/m; $\epsilon_r = 40.303$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Right Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.22, 8.22, 8.22); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Right Cheek High/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.956 W/kg

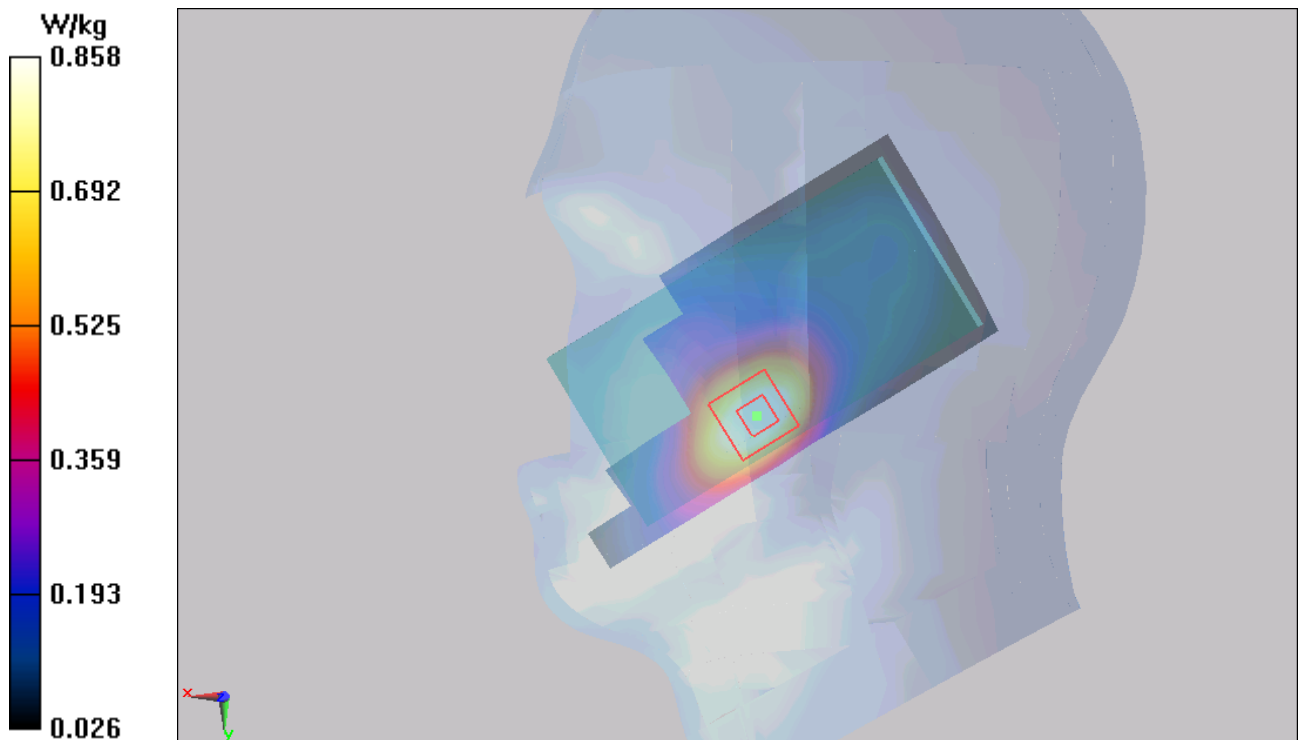
Right Cheek High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.593 V/m; Power Drift = 0.027 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.859 W/kg; SAR(10 g) = 0.534 W/kg

Maximum value of SAR (measured) = 0.858 W/kg



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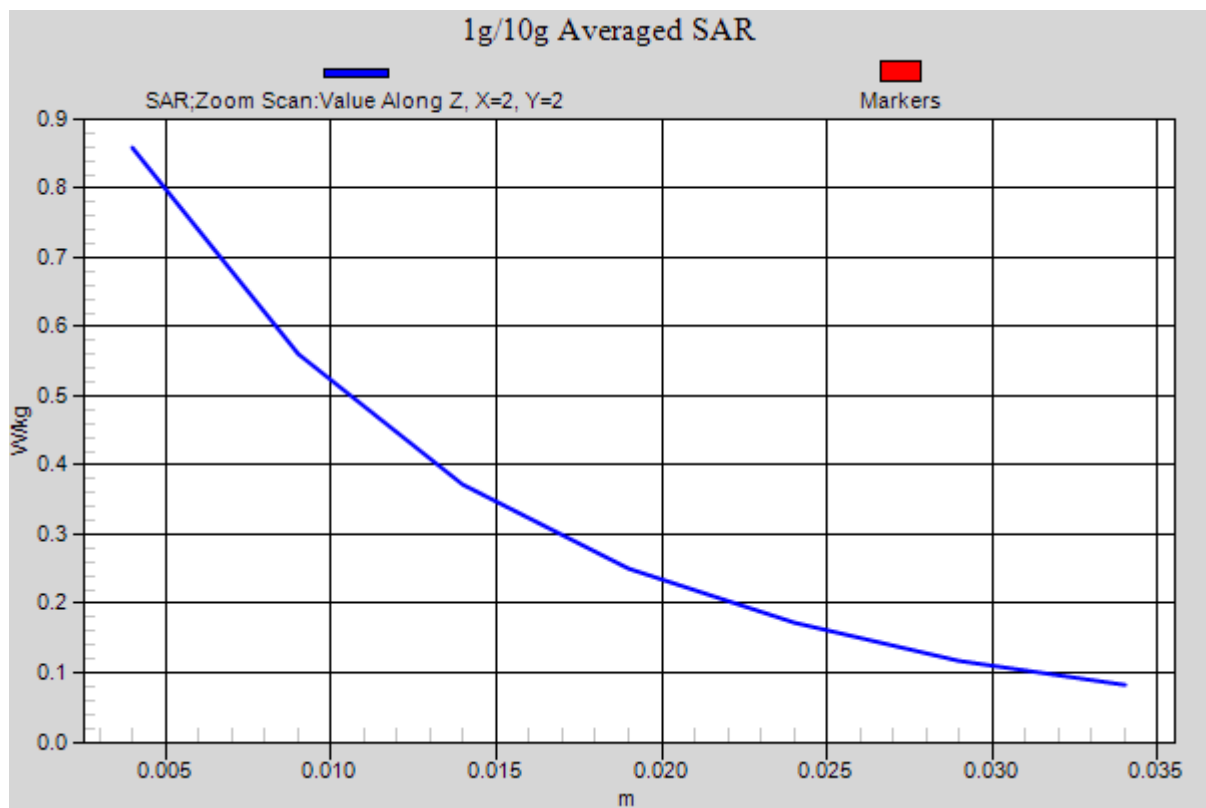


Figure 211 Right Hand Touch Cheek LTE Band 4 1RB Channel 20300

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LTE Band 4 1RB Right Cheek Middle

Date/Time: 3/3/2014 8:29:30 PM

Communication System:LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 40.368$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Right Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.22, 8.22, 8.22); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Right Cheek Middle/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.954 W/kg

Right Cheek Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.889 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.855 W/kg; SAR(10 g) = 0.532 W/kg

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

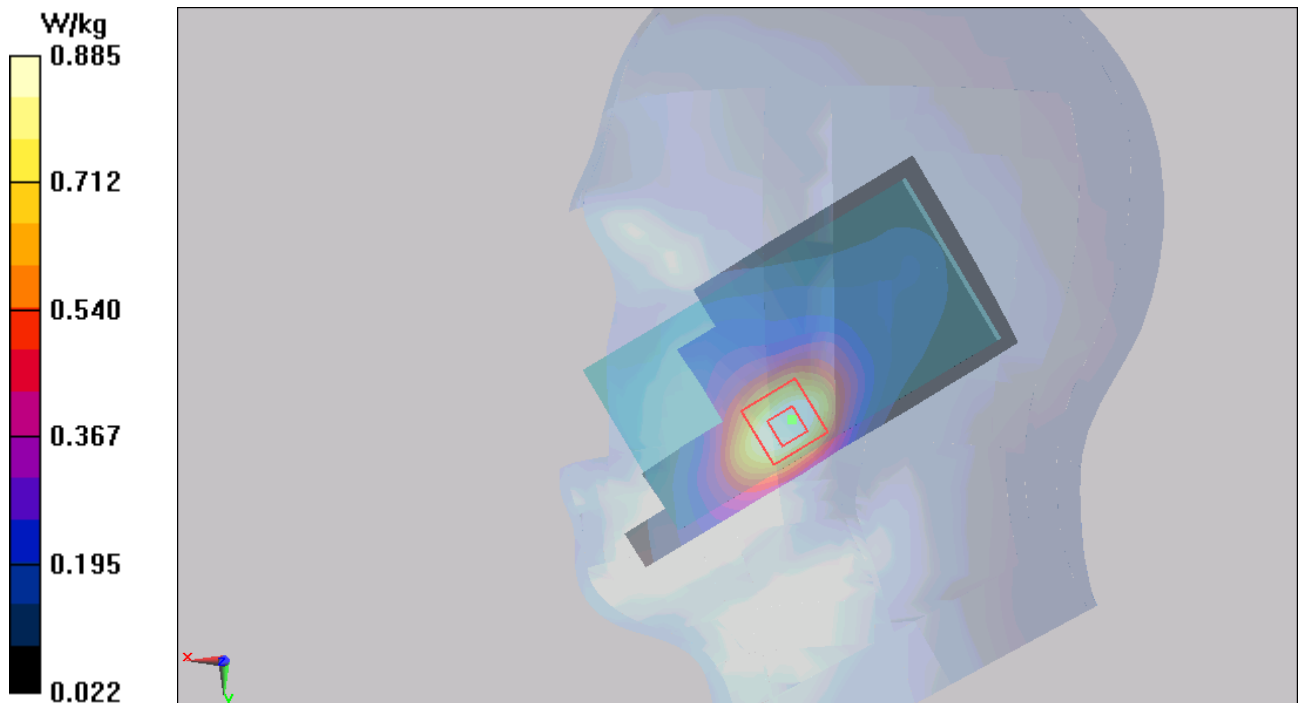


Figure 212 Right Hand Touch Cheek LTE Band 4 1RB Channel 20175

LTE Band 4 1RB Right Cheek Low

Date/Time: 3/3/2014 9:23:30 PM

Communication System:LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.36$ S/m; $\epsilon_r = 40.414$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Right Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.22, 8.22, 8.22); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Right Cheek Low/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.968 W/kg

Right Cheek Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.046 V/m; Power Drift = 0.040 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.869 W/kg; SAR(10 g) = 0.543 W/kg

Maximum value of SAR (measured) = 0.863 W/kg

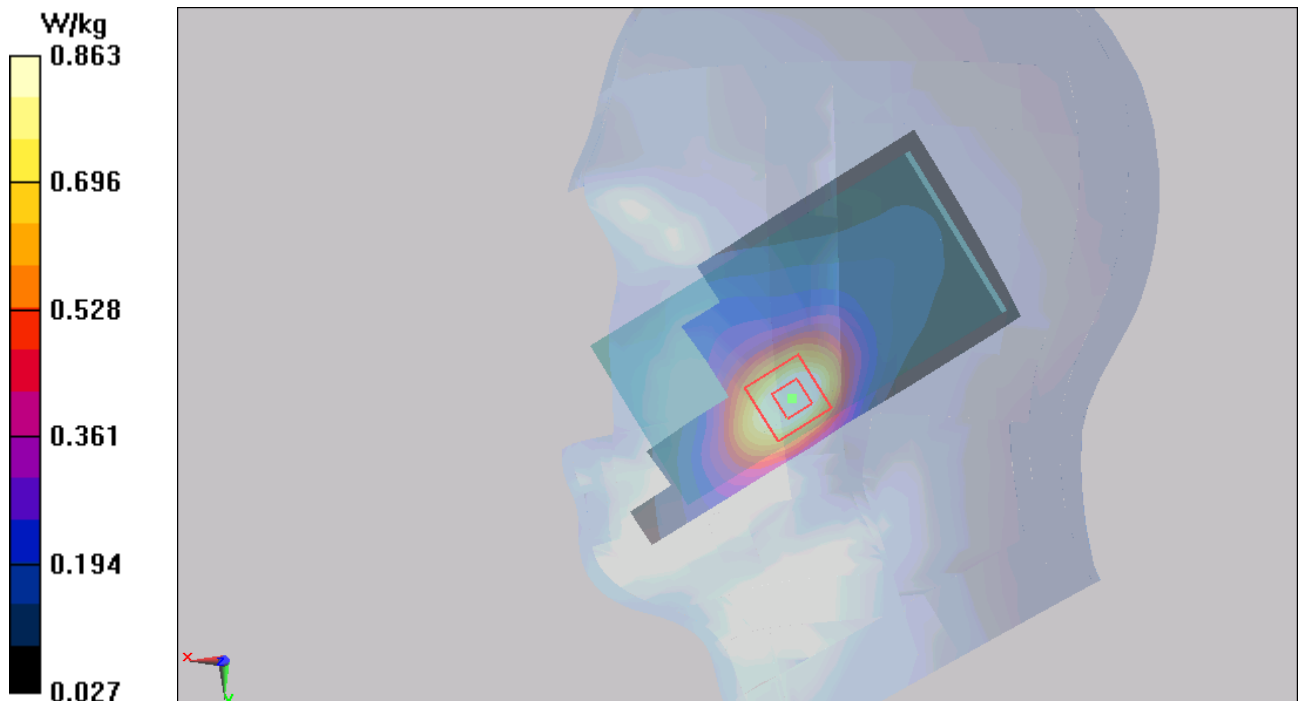


Figure 213 Right Hand Touch Cheek LTE Band 4 1RB Channel 20050

LTE Band 4 1RB Right Tilt High

Date/Time: 3/3/2014 10:19:16 PM

Communication System:LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.384$ S/m; $\epsilon_r = 40.303$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Right Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.22, 8.22, 8.22); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Right Tilt High/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

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

Right Tilt High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.721 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.423 W/kg

SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.166 W/kg

Maximum value of SAR (measured) = 0.281 W/kg

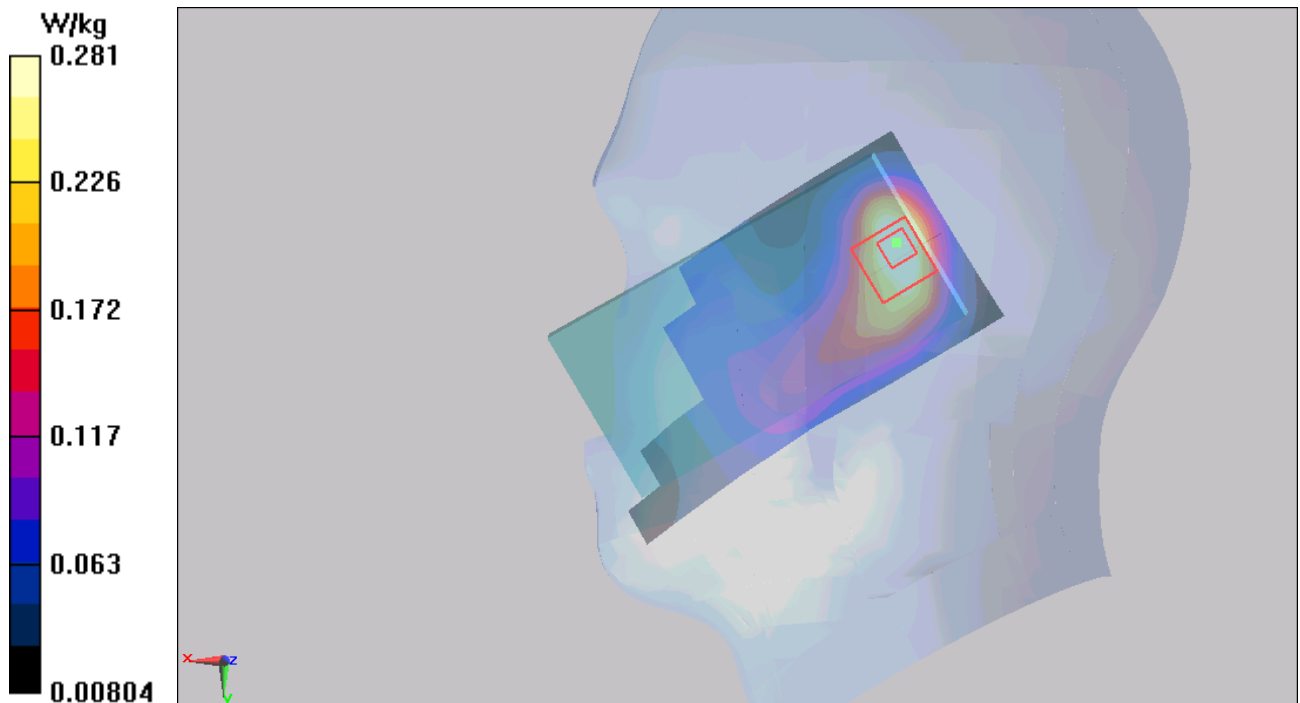


Figure 214 Right Hand Tilt 15° LTE Band 4 1RB Channel 20300

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LTE Band 4 1RB Right Tilt Middle

Date/Time: 3/3/2014 11:02:13 PM

Communication System:LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 40.368$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Right Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.22, 8.22, 8.22); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Right Tilt Middle/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.426 W/kg

Right Tilt Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.947 V/m; Power Drift = 0.045 dB

Peak SAR (extrapolated) = 0.477 W/kg

SAR(1 g) = 0.308 W/kg; SAR(10 g) = 0.187 W/kg

Maximum value of SAR (measured) = 0.336 W/kg

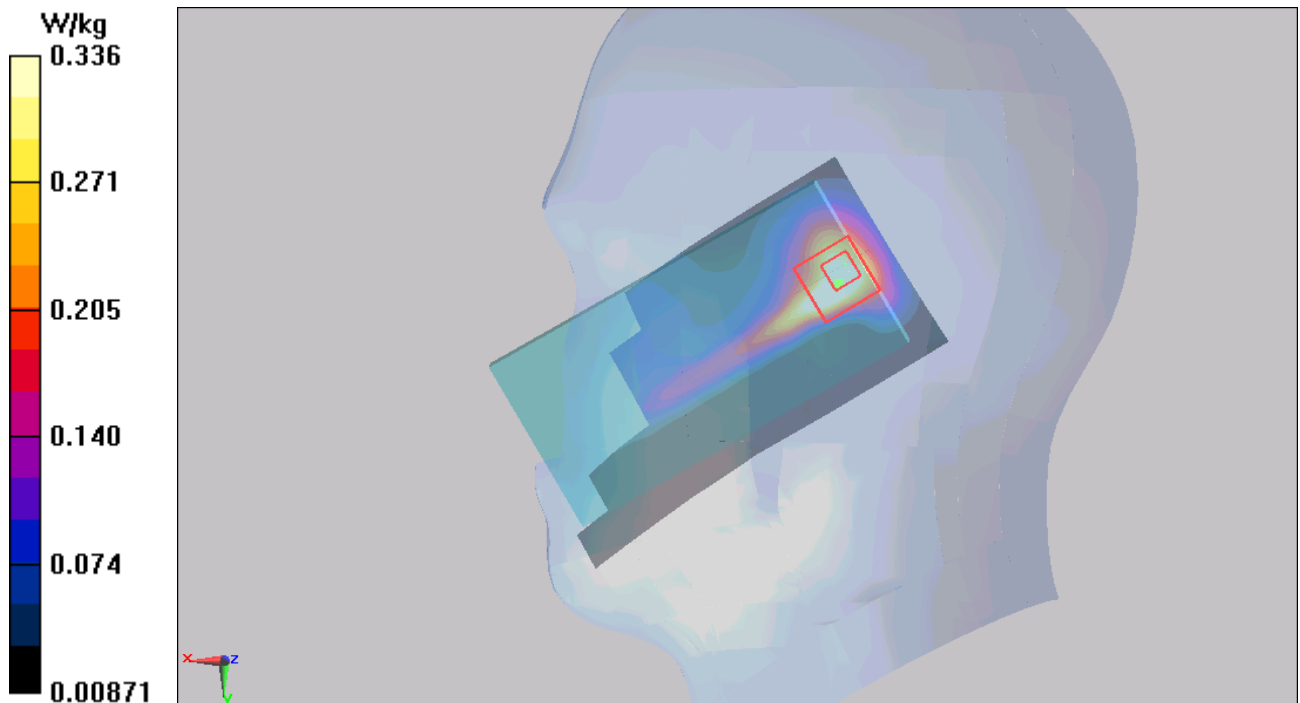


Figure 215 Right Hand Tilt 15° LTE Band 4 1RB Channel 20175

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LTE Band 4 1RB Right Tilt Low

Date/Time: 3/3/2014 10:06:31 PM

Communication System:LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.36$ S/m; $\epsilon_r = 40.414$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Right Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.22, 8.22, 8.22); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Right Tilt Low/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.328 W/kg

Right Tilt Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.888 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.425 W/kg

SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.173 W/kg

Maximum value of SAR (measured) = 0.279 W/kg

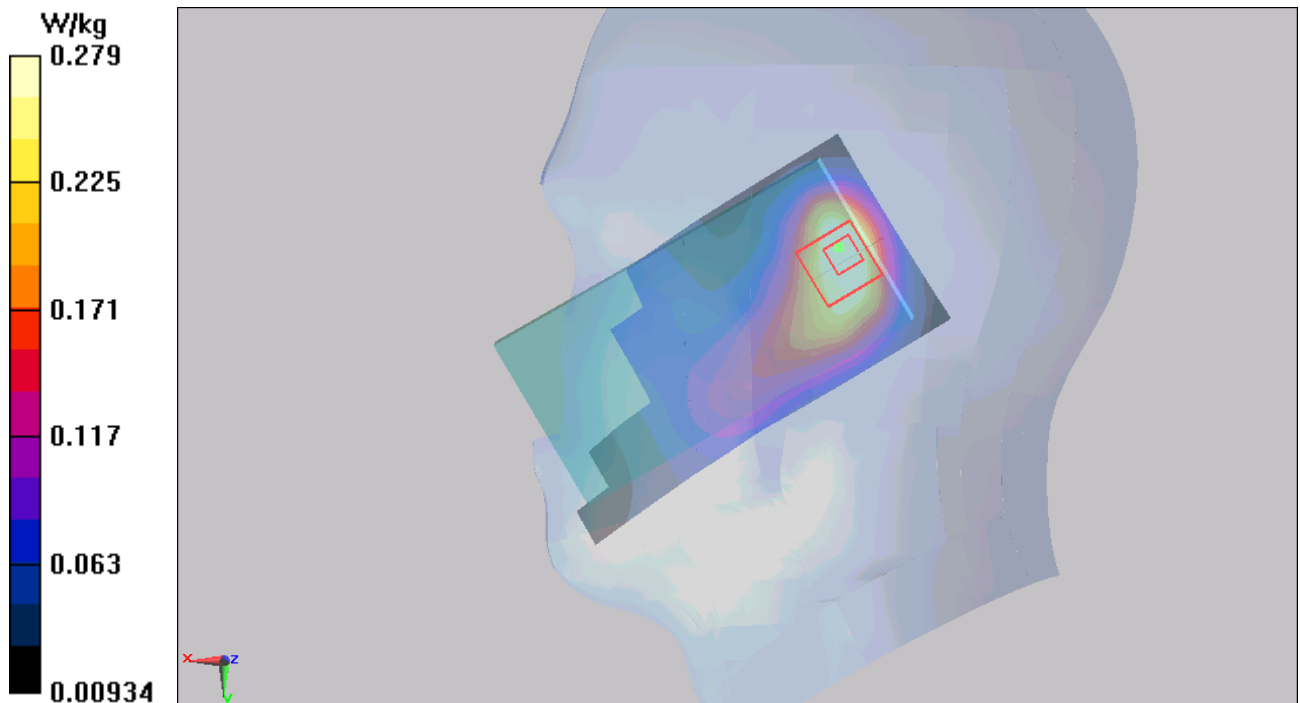


Figure 216 Right Hand Tilt 15° LTE Band 4 1RB Channel 20050

LTE Band 4 1RB Right Cheek High (Battery 2)

Date/Time: 3/3/2014 2:11:03 AM

Communication System: LTE (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1745 \text{ MHz}$; $\sigma = 1.384 \text{ S/m}$; $\epsilon_r = 40.303$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $22.3 \text{ }^\circ\text{C}$ Liquid Temperature: $21.5 \text{ }^\circ\text{C}$

Phantom section: Right Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.22, 8.22, 8.22); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Right Cheek High/Area Scan (51x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.879 W/kg

Right Cheek High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.489 V/m ; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.776 W/kg ; SAR(10 g) = 0.489 W/kg

Maximum value of SAR (measured) = 0.782 W/kg

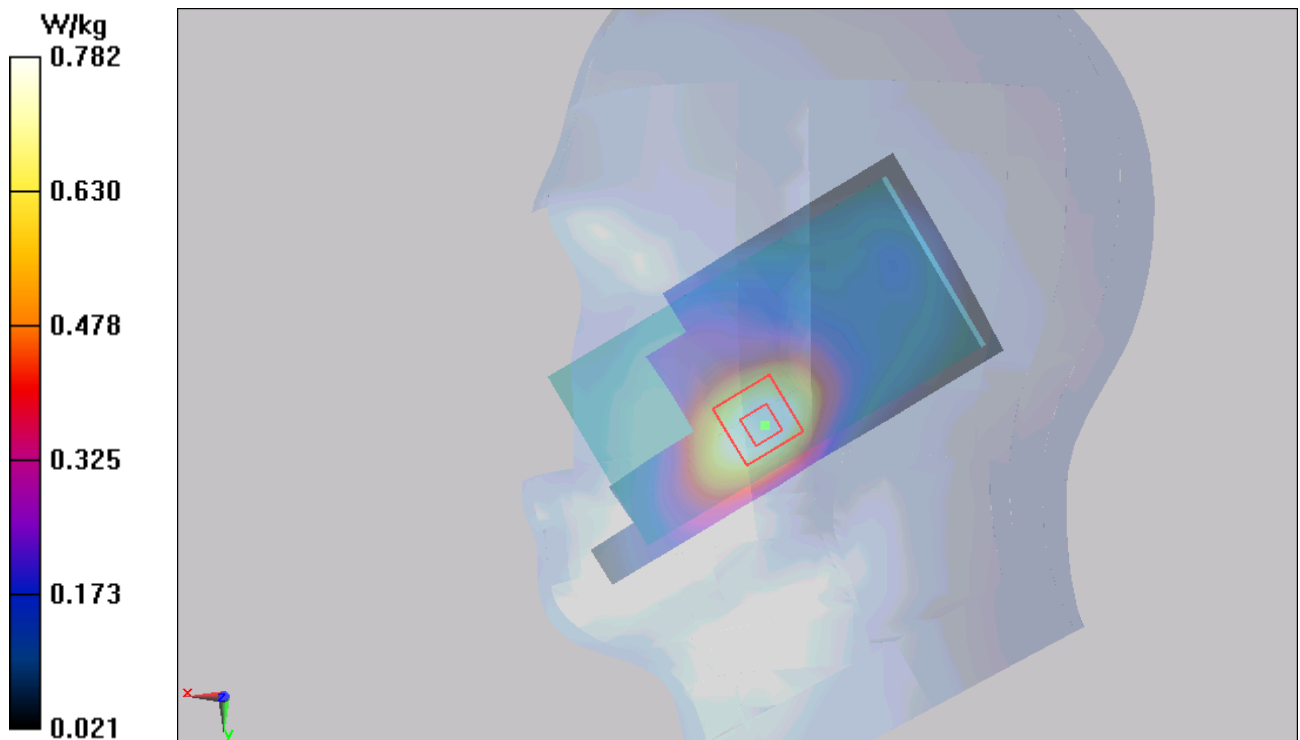


Figure 217 Right Hand Touch Cheek LTE Band 4 1RB Channel 20300

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LTE Band 4 1RB Back Side High

Date/Time: 3/1/2014 3:50:41 PM

Communication System: LTE (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.498$ S/m; $\epsilon_r = 52.918$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(7.77, 7.77, 7.77); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Back Side High/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.926 W/kg

Back Side High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.791 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.791 W/kg; SAR(10 g) = 0.493 W/kg

Maximum value of SAR (measured) = 0.841 W/kg

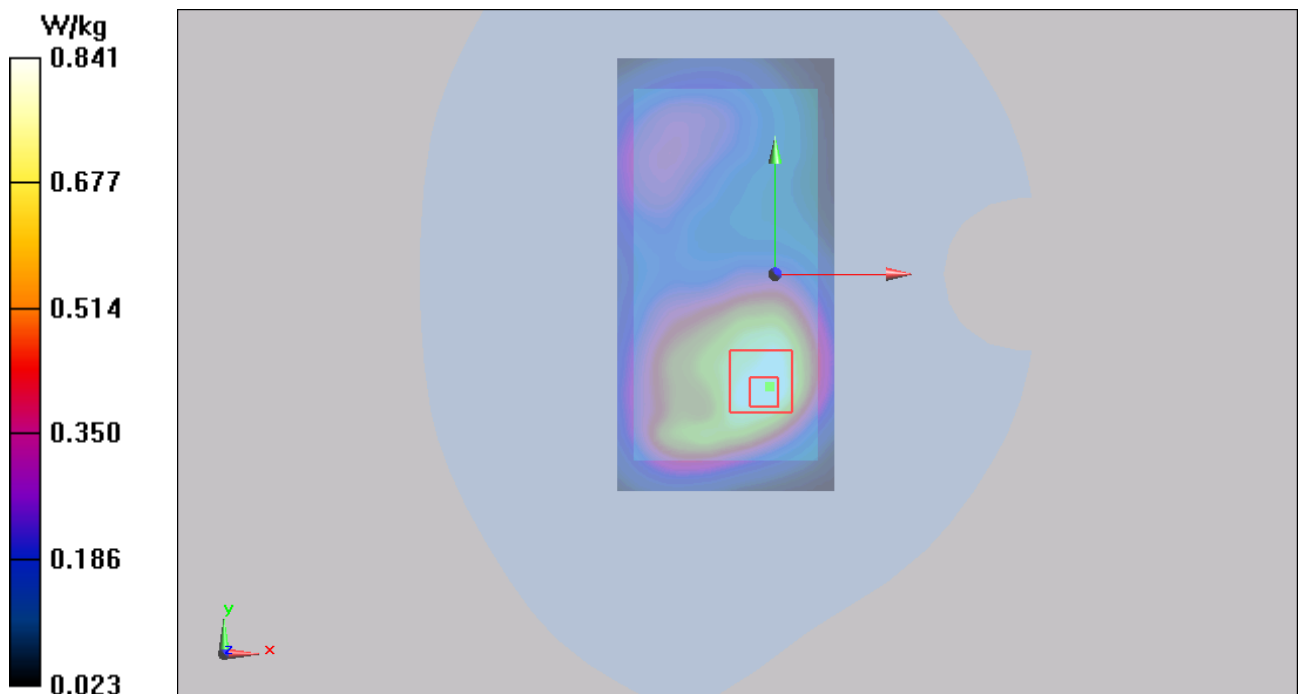


Figure 218 Body, Back Side, LTE Band 4 1RB Channel 20300

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LTE Band 4 1RB Back Side Middle

Date/Time: 3/1/2014 4:28:31 PM

Communication System:LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.488$ S/m; $\epsilon_r = 52.928$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(7.77, 7.77, 7.77); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Back Side Middle/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.971 W/kg

Back Side Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.170 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.825 W/kg; SAR(10 g) = 0.512 W/kg

Maximum value of SAR (measured) = 0.881 W/kg

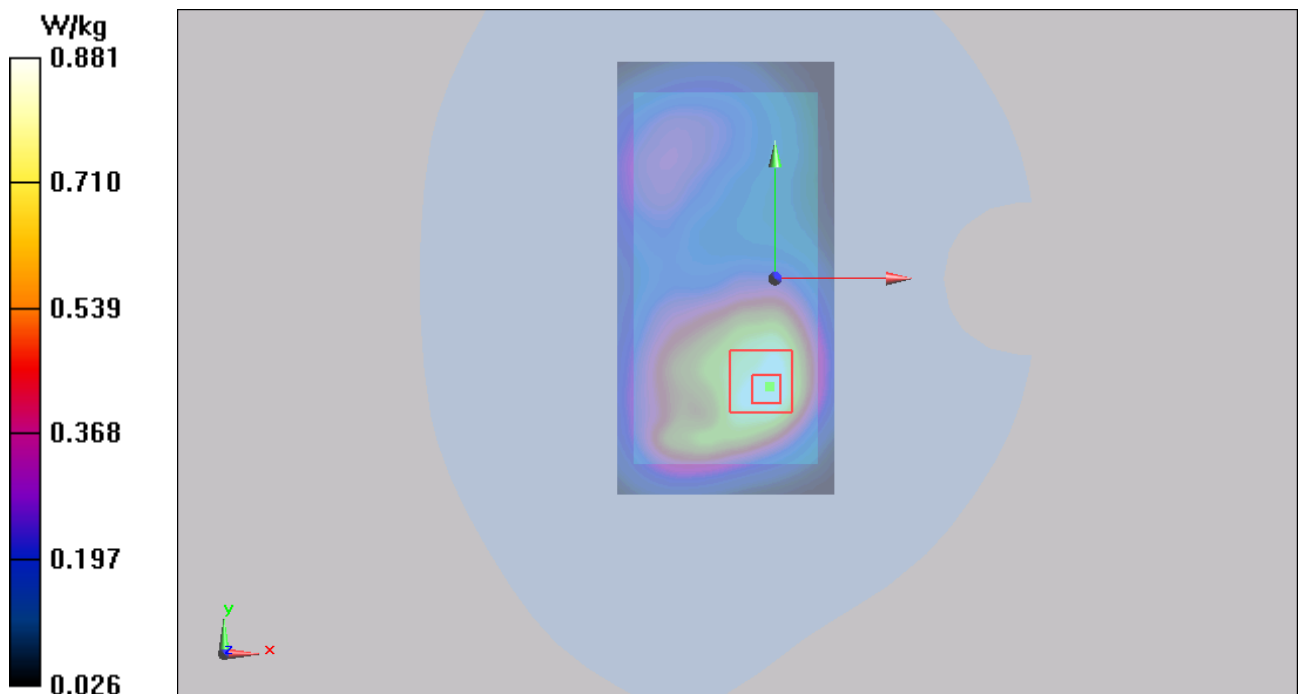


Figure 219 Body, Back Side, LTE Band 4 1RB Channel 20175

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LTE Band 4 1RB Back Side Low

Date/Time: 3/1/2014 4:19:31 PM

Communication System: LTE (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.477$ S/m; $\epsilon_r = 53.021$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(7.77, 7.77, 7.77); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Back Side Low/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.12 W/kg

Back Side Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.585 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.977 W/kg; SAR(10 g) = 0.593 W/kg

Maximum value of SAR (measured) = 1.05 W/kg

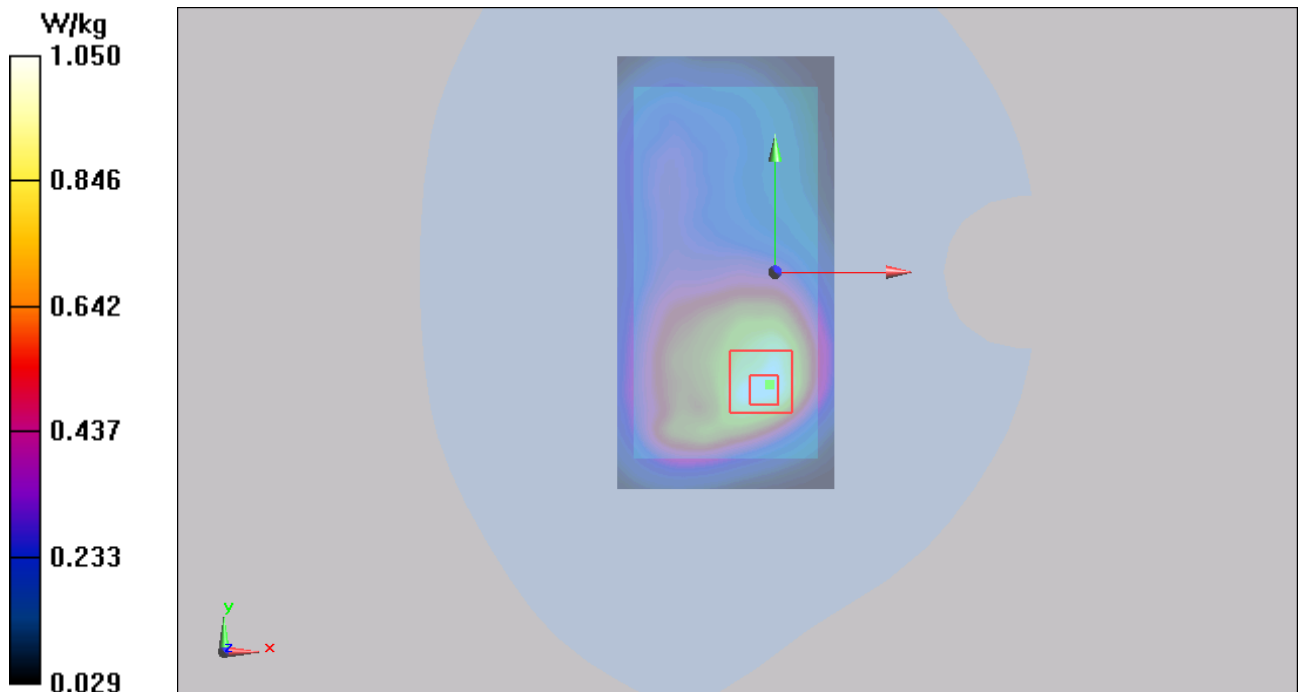


Figure 220 Body, Back Side, LTE Band 4 1RB Channel 20050

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LTE Band 4 1RB Front Side High

Date/Time: 3/1/2014 5:45:52 PM

Communication System:LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.498$ S/m; $\epsilon_r = 52.918$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(7.77, 7.77, 7.77); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Front Side High/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.982 W/kg

Front Side High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.934 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.899 W/kg; SAR(10 g) = 0.559 W/kg

Maximum value of SAR (measured) = 0.967 W/kg

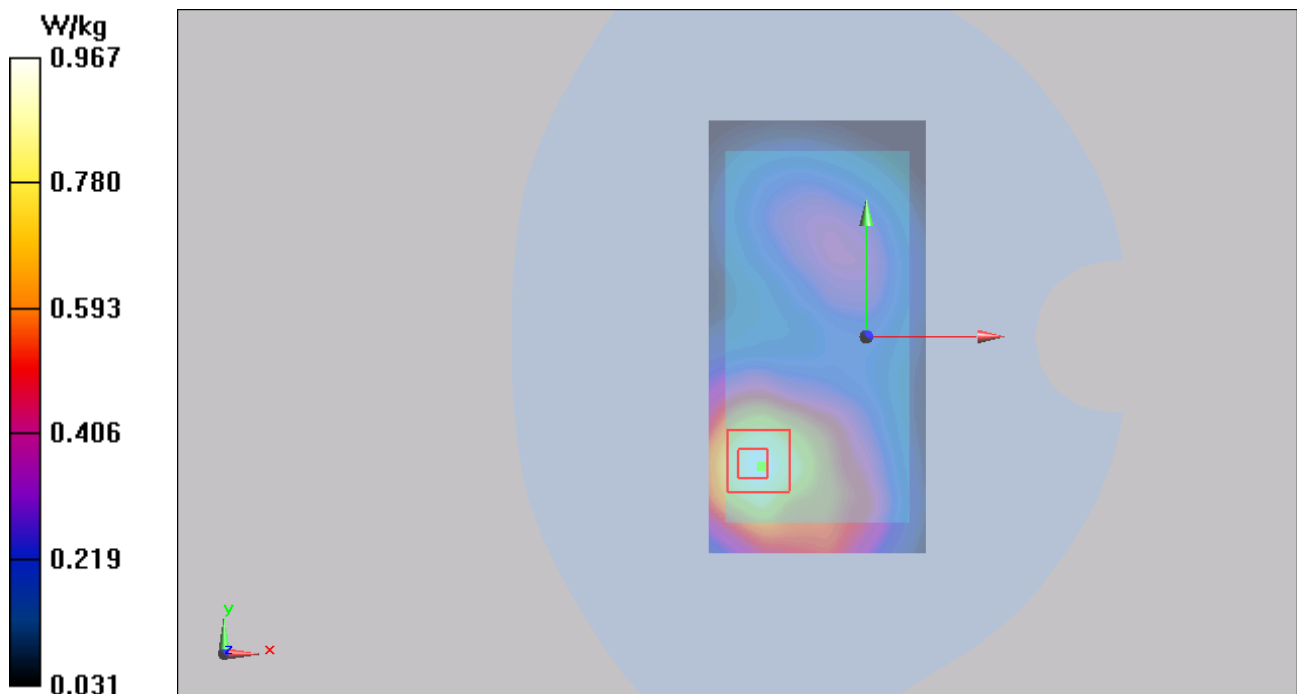


Figure 221 Body, Front Side, LTE Band 4 1RB Channel 20300

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LTE Band 4 1RB Front Side Middle

Date/Time: 3/1/2014 5:28:57 PM

Communication System: LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.488$ S/m; $\epsilon_r = 52.928$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(7.77, 7.77, 7.77); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Front Side Middle/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.987 W/kg

Front Side Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.186 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.908 W/kg; SAR(10 g) = 0.565 W/kg

Maximum value of SAR (measured) = 0.976 W/kg

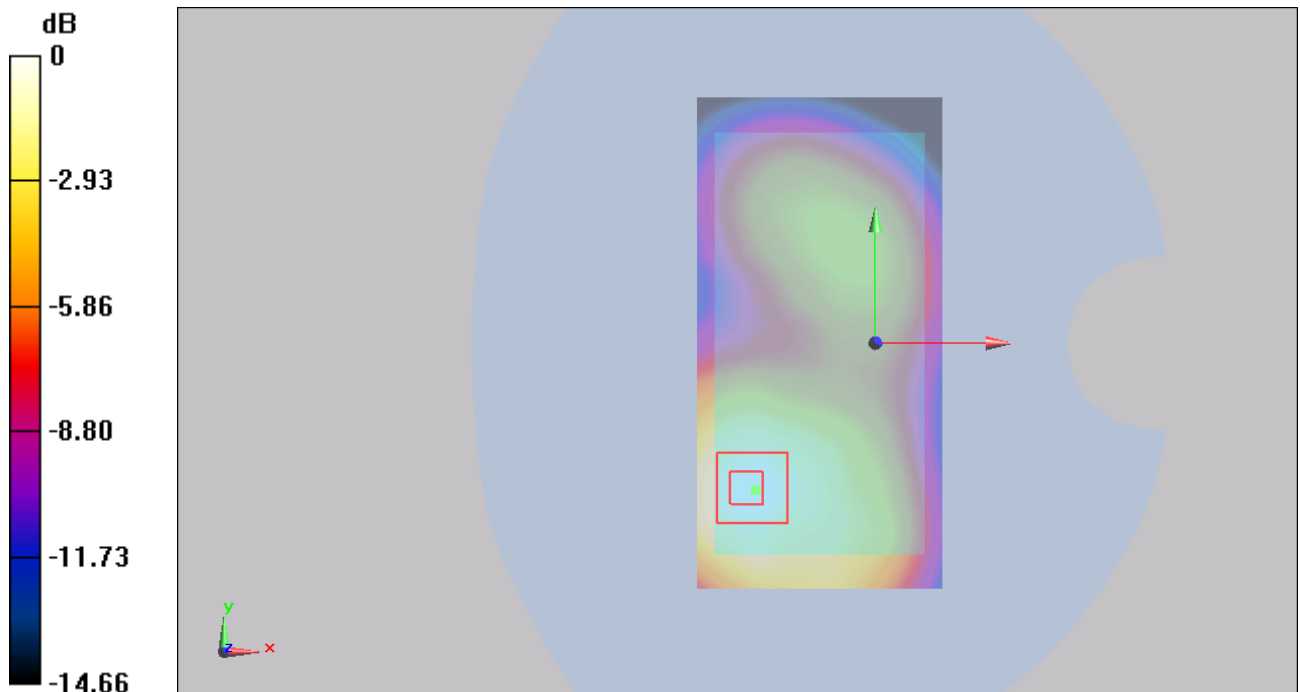


Figure 222 Body, Front Side, LTE Band 4 1RB Channel 20175

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LTE Band 4 1RB Front Side Low

Date/Time: 3/1/2014 6:13:14 PM

Communication System:LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.477$ S/m; $\epsilon_r = 53.021$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(7.77, 7.77, 7.77); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Front Side Low/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.02 W/kg

Front Side Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.769 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.944 W/kg; SAR(10 g) = 0.587 W/kg

Maximum value of SAR (measured) = 1.01 W/kg

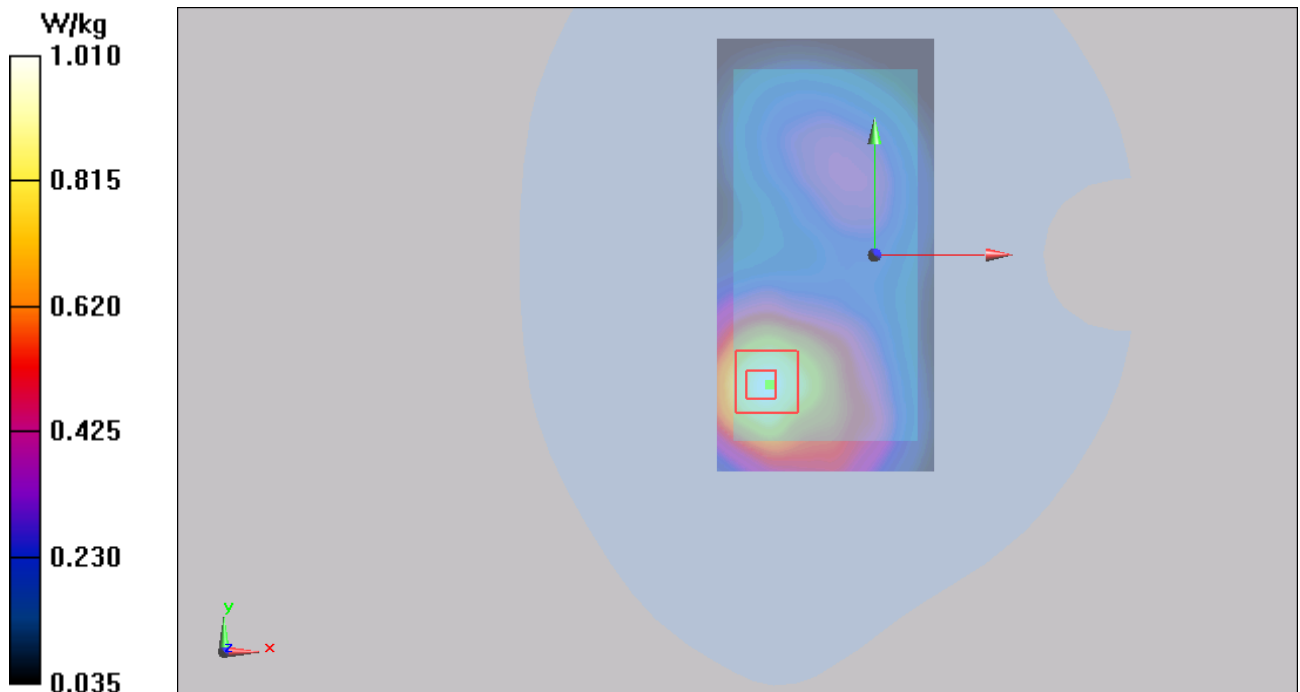


Figure 223 Body, Front Side, LTE Band 4 1RB Channel 20050

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LTE Band 4 1RB Left Edge Middle

Date/Time: 3/1/2014 9:41:09 PM

Communication System:LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.488$ S/m; $\epsilon_r = 52.928$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(7.77, 7.77, 7.77); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Left Side Middle/Area Scan (31x101x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.354 W/kg

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

Reference Value = 9.766 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.517 W/kg

SAR(1 g) = 0.320 W/kg; SAR(10 g) = 0.187 W/kg

Maximum value of SAR (measured) = 0.319 W/kg

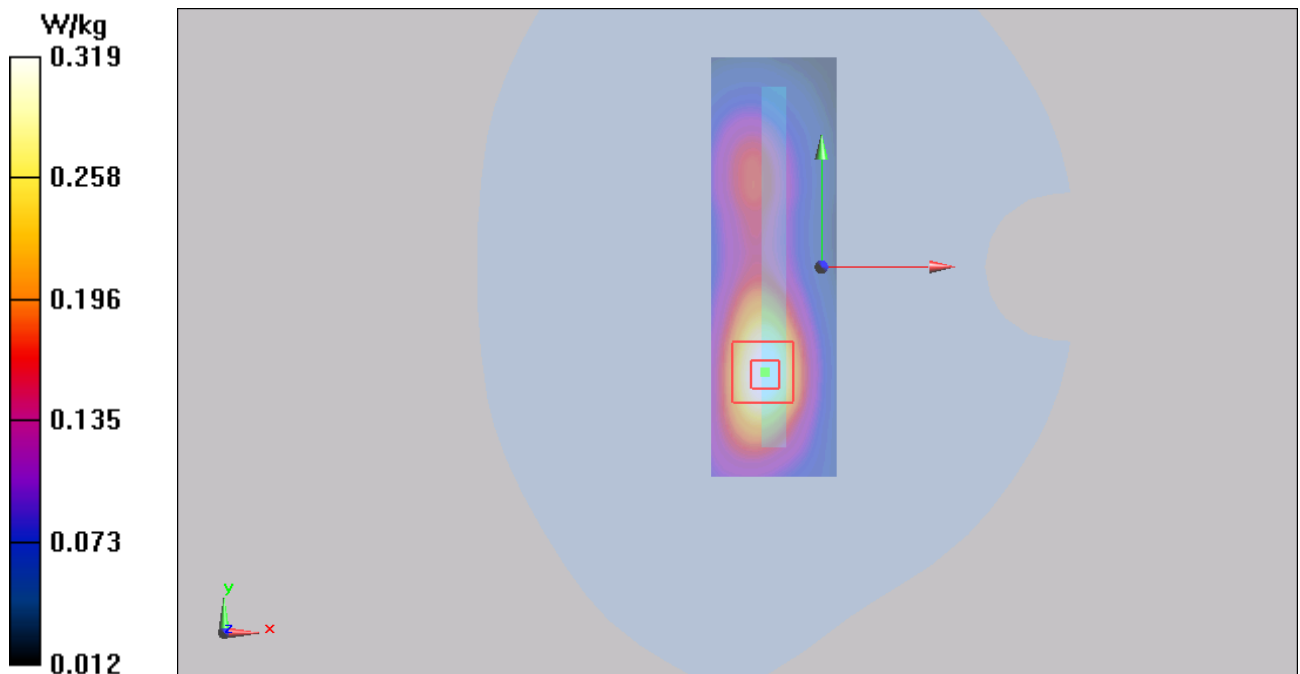


Figure 224 Body, Left Edge, LTE Band 4 1RB Channel 20175

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LTE Band 4 1RB Right Edge Middle

Date/Time: 3/1/2014 9:29:20 PM

Communication System:LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.488$ S/m; $\epsilon_r = 52.928$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(7.77, 7.77, 7.77); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Right Edge Middle/Area Scan (31x101x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.219 W/kg

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

Reference Value = 7.607 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.316 W/kg

SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.121 W/kg

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

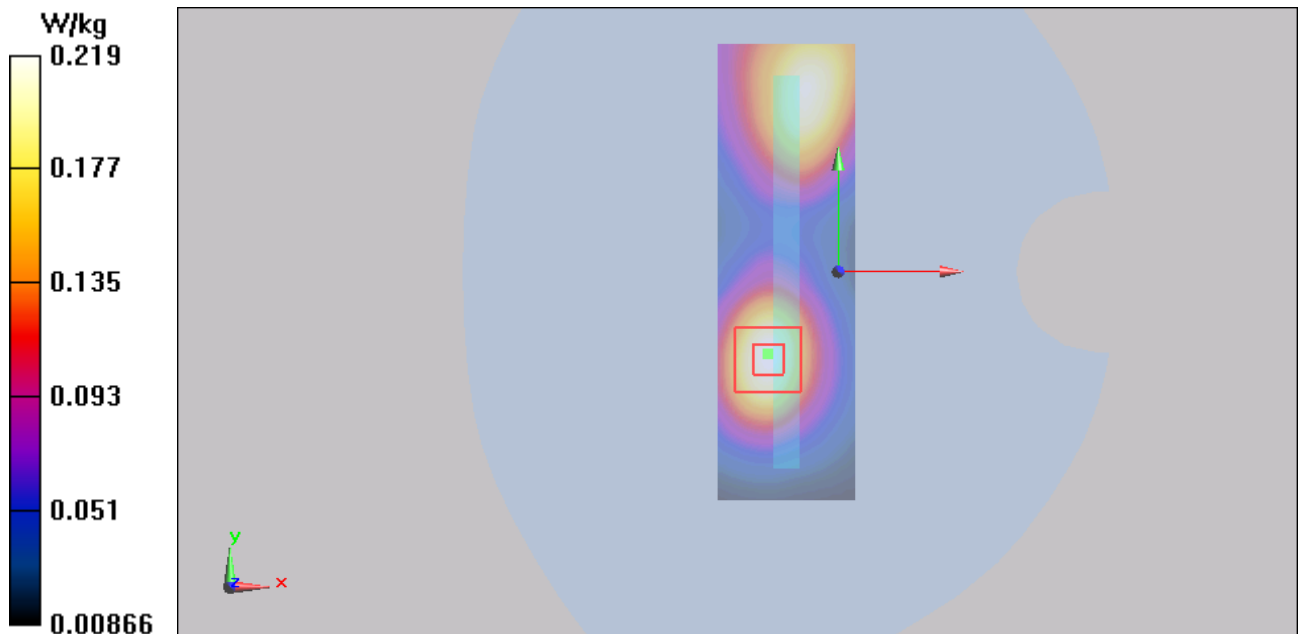


Figure 225 Body, Right Edge, LTE Band 4 1RB Channel 20175

LTE Band 4 1RB Bottom Side High

Date/Time: 3/1/2014 7:39:50 PM

Communication System: LTE (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.498$ S/m; $\epsilon_r = 52.918$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(7.77, 7.77, 7.77); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Bottom Edge High/Area Scan (61x61x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.973 W/kg

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

Reference Value = 22.558 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.918 W/kg; SAR(10 g) = 0.521 W/kg

Maximum value of SAR (measured) = 0.987 W/kg

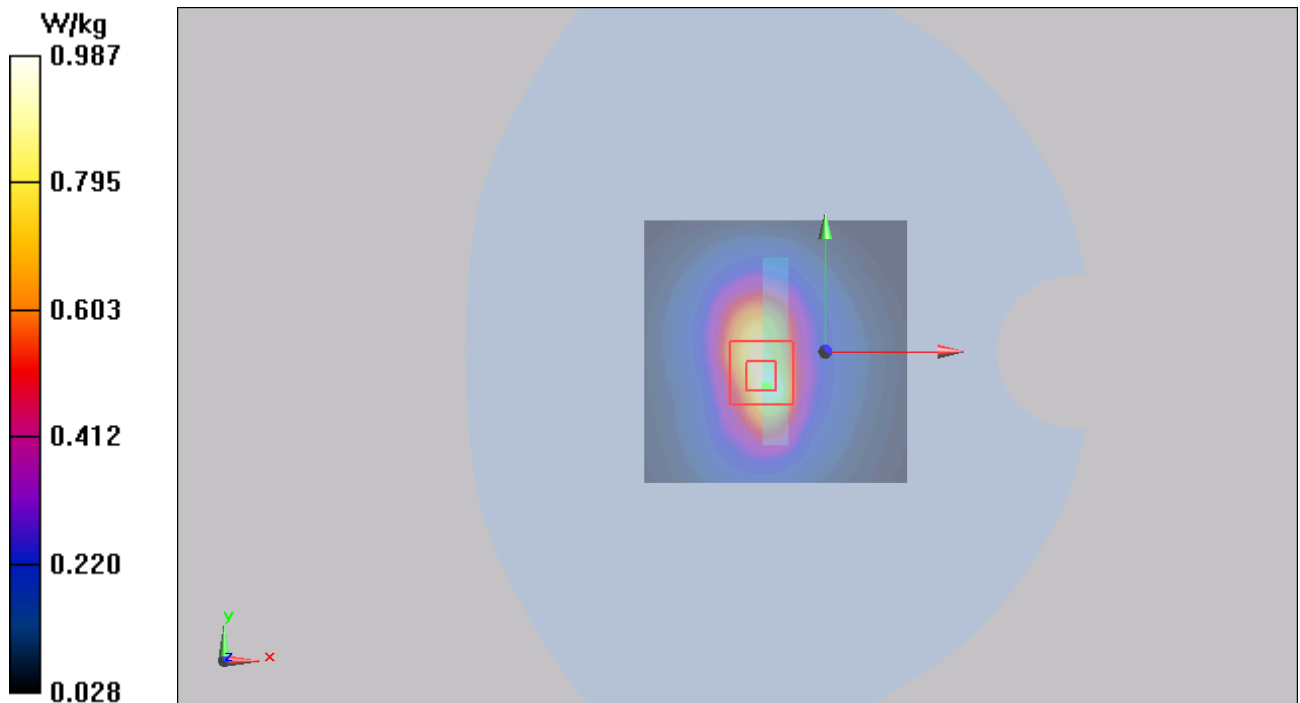


Figure 226 Body, Bottom Side, LTE Band 4 1RB Channel 20300

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LTE Band 4 1RB Bottom Side Middle

Date/Time: 3/1/2014 7:26:27 PM

Communication System:LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.488$ S/m; $\epsilon_r = 52.928$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(7.77, 7.77, 7.77); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Bottom Edge Middle/Area Scan (61x61x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.900 W/kg

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

Reference Value = 21.528 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.838 W/kg; SAR(10 g) = 0.478 W/kg

Maximum value of SAR (measured) = 0.900 W/kg

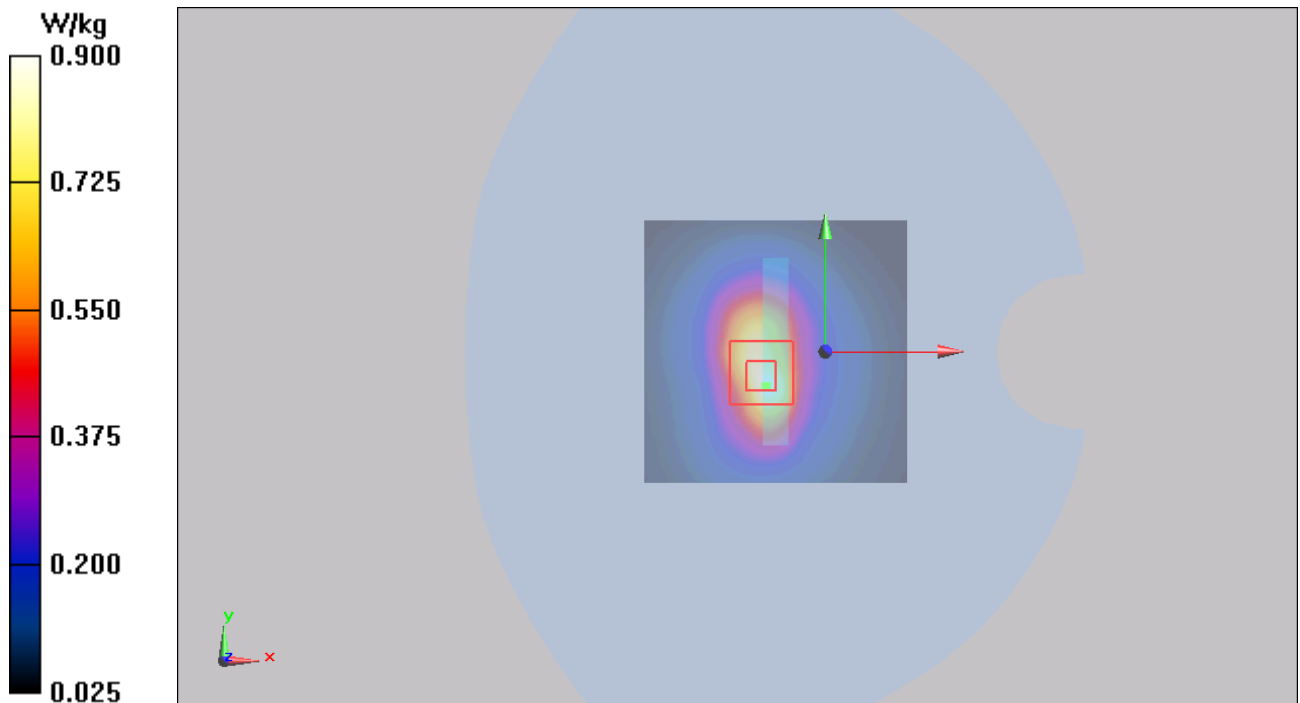


Figure 227 Body, Bottom Side, LTE Band 4 1RB Channel 20175

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LTE Band 4 1RB Bottom Side Low

Date/Time: 3/1/2014 7:52:06 PM

Communication System: LTE (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.477$ S/m; $\epsilon_r = 53.021$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(7.77, 7.77, 7.77); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Bottom Edge Low/Area Scan (61x61x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.842 W/kg

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

Reference Value = 21.262 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.764 W/kg; SAR(10 g) = 0.436 W/kg

Maximum value of SAR (measured) = 0.853 W/kg

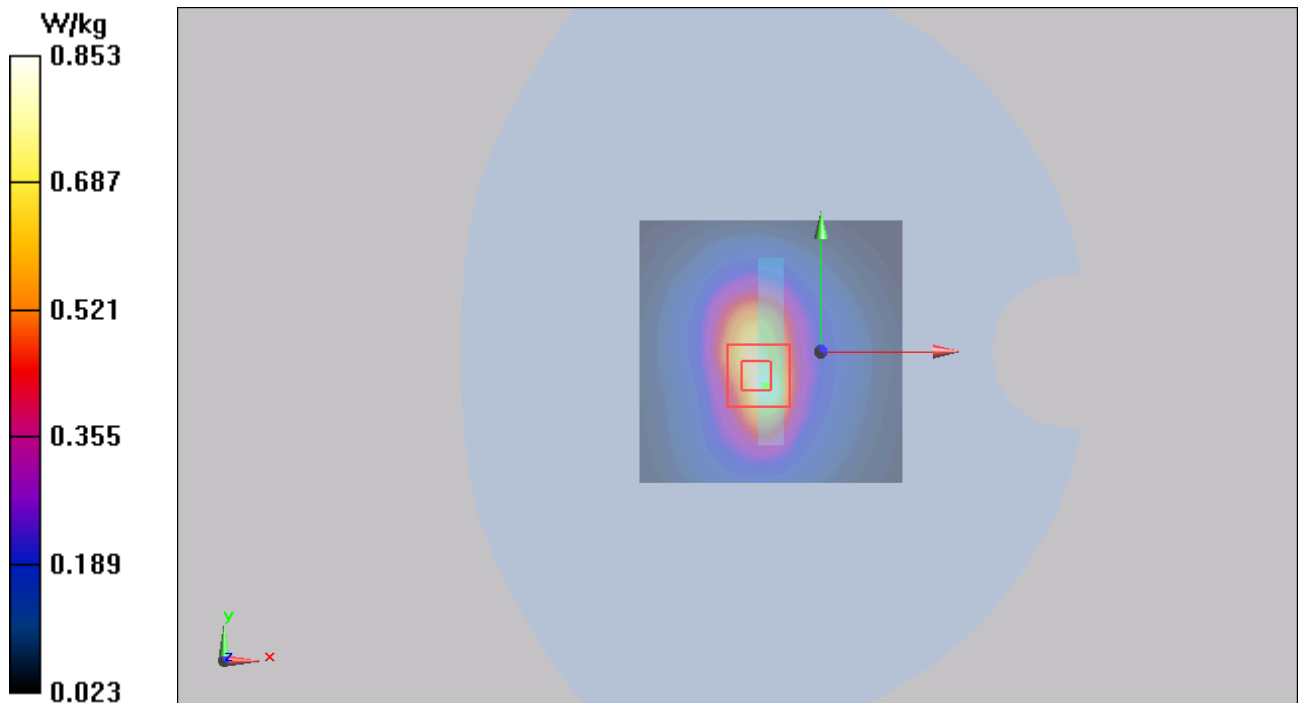


Figure 228 Body, Bottom Side, LTE Band 4 1RB Channel 20050

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LTE Band 4 1RB Back Side Low (Battery 2)

Date/Time: 3/1/2014 8:12:12 PM

Communication System: LTE (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.477$ S/m; $\epsilon_r = 53.021$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(7.77, 7.77, 7.77); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Back Side Low/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.07 W/kg

Back Side Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.164 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 0.918 W/kg; SAR(10 g) = 0.544 W/kg

Maximum value of SAR (measured) = 0.966 W/kg

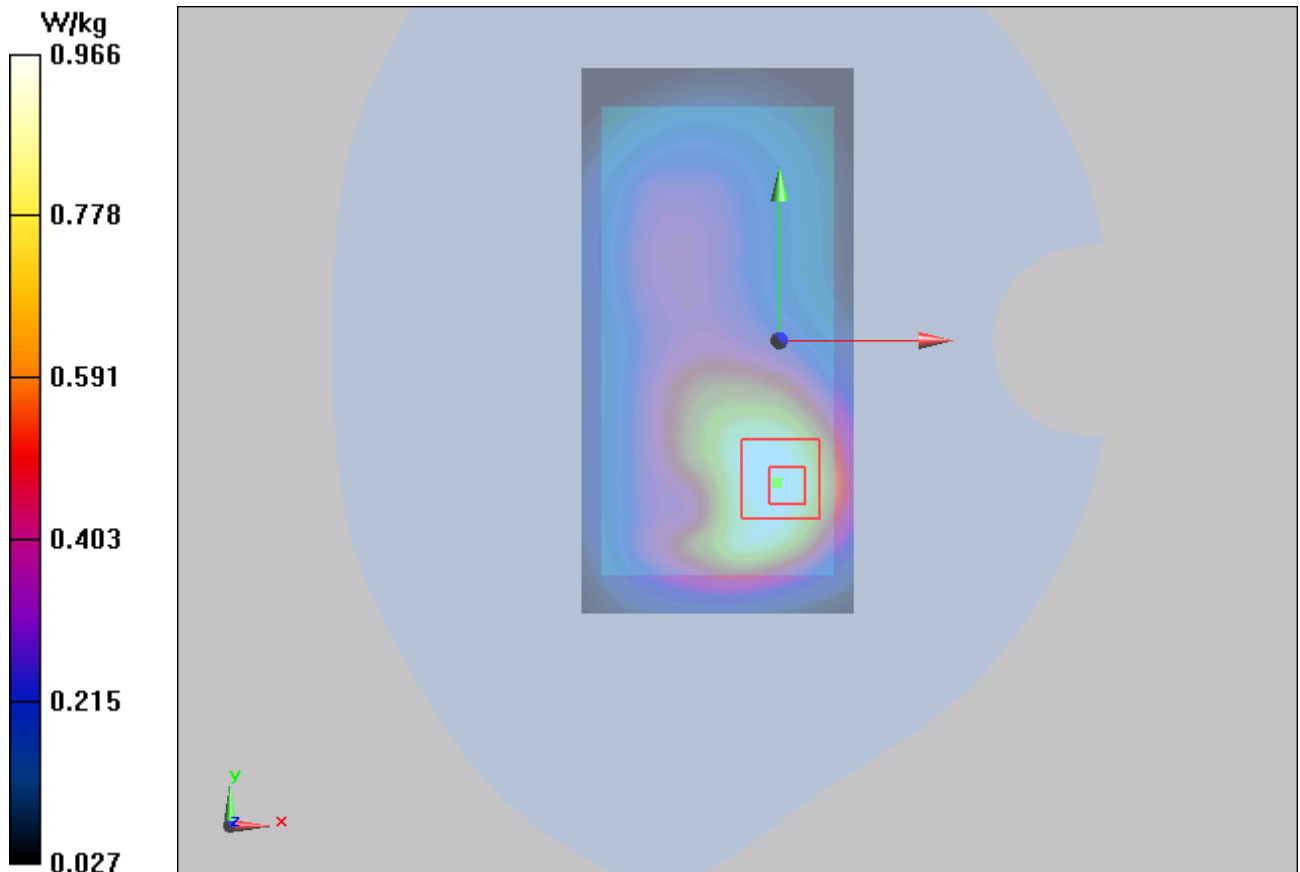


Figure 229 Body, Back Side, LTE Band 4 1RB Channel 20050

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LTE Band 4 1RB Back Side Low (1st Repeated SAR)

Date/Time: 3/1/2014 11:03:25 PM

Communication System:LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.477$ S/m; $\epsilon_r = 53.021$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(7.77, 7.77, 7.77); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Back Side Low/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.20 W/kg

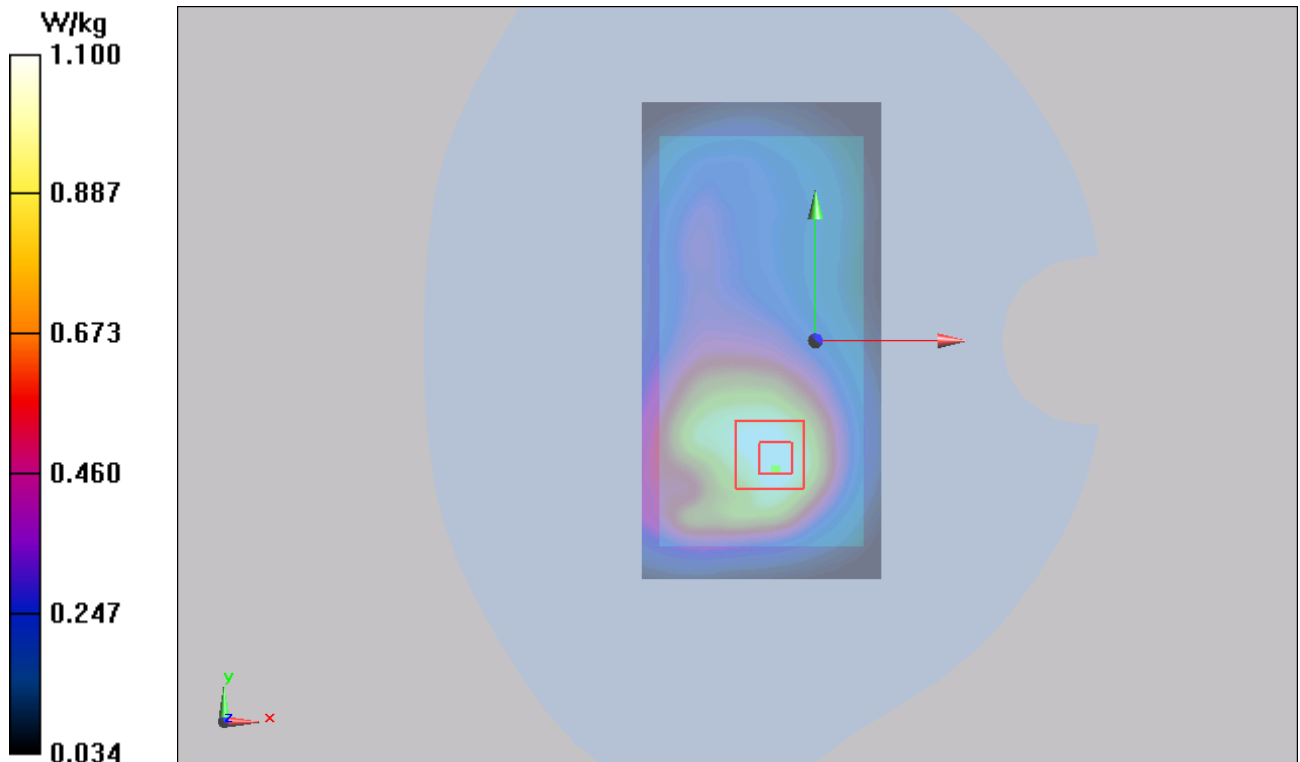
Back Side Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.155 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.657 W/kg

Maximum value of SAR (measured) = 1.10 W/kg



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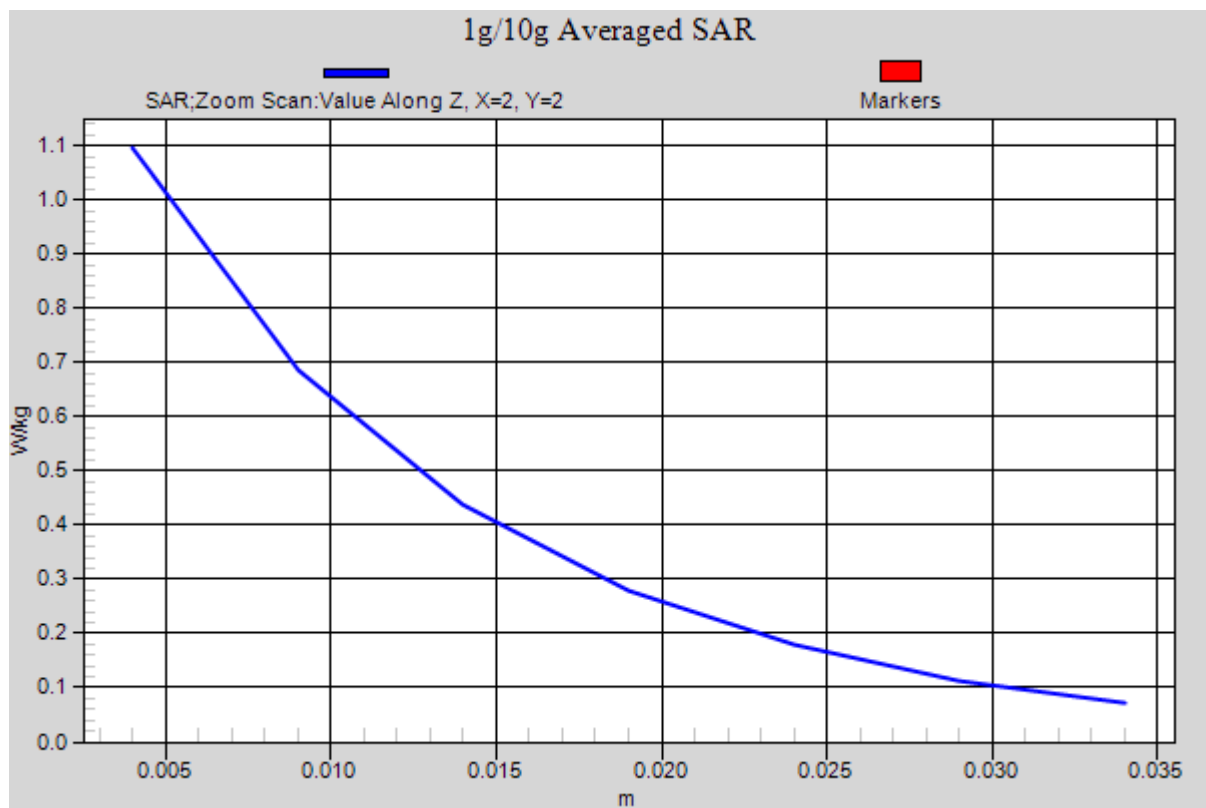


Figure 230 Body, Back Side, LTE Band 4 1RB Channel 20050

LTE Band 4 1RB Back Side Low (Earphone 1)

Date/Time: 3/1/2014 11:23:56 PM

Communication System: LTE (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.477$ S/m; $\epsilon_r = 53.021$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(7.77, 7.77, 7.77); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Back Side Low/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.12 W/kg

Back Side Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.663 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 0.994 W/kg; SAR(10 g) = 0.606 W/kg

Maximum value of SAR (measured) = 1.04 W/kg

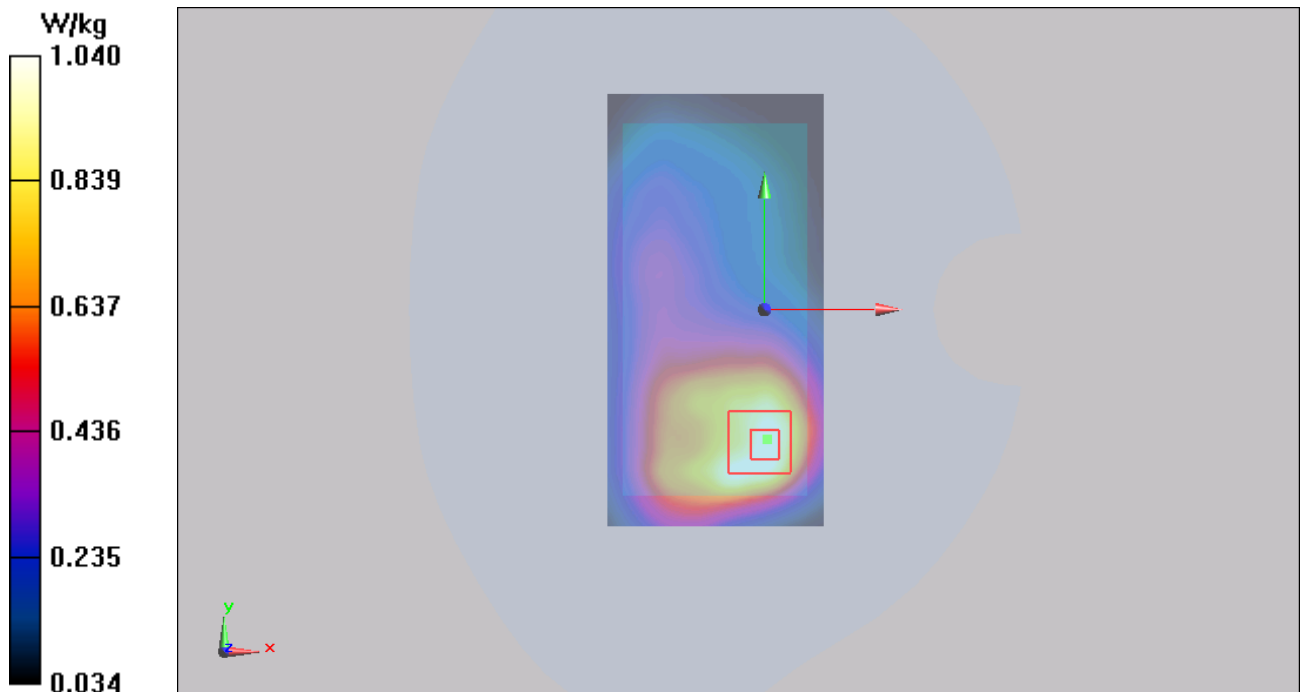


Figure 231 Body, Back Side, LTE Band 4 1RB Channel 20050

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LTE Band 4 1RB Back Side Low (Earphone 2)

Date/Time: 3/1/2014 11:58:40 PM

Communication System: LTE (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.477$ S/m; $\epsilon_r = 53.021$; $\rho = 1000$ kg/m³

Ambient Temperature: 22.3 °C Liquid Temperature: 21.5 °C

Phantom section: Flat Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(7.77, 7.77, 7.77); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Back Side Low/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.20 W/kg

Back Side Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.377 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.991 W/kg; SAR(10 g) = 0.597 W/kg

Maximum value of SAR (measured) = 1.04 W/kg

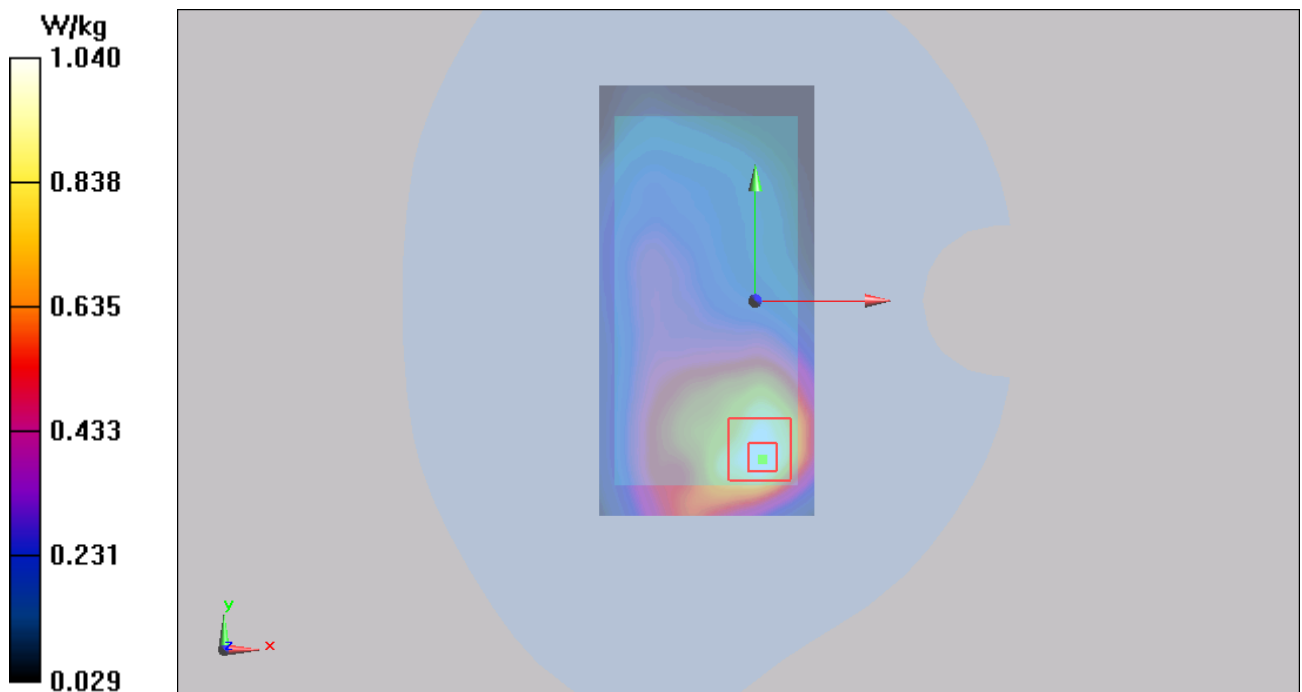


Figure 232 Body, Back Side, LTE Band 4 1RB Channel 20050

LTE Band 4 50%RB Left Cheek High

Date/Time: 3/3/2014 11:55:12 PM

Communication System:LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.384$ S/m; $\epsilon_r = 40.303$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Left Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.22, 8.22, 8.22); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Left Cheek High/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.492 W/kg

Left Cheek High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.629 V/m; Power Drift = 0.053 dB

Peak SAR (extrapolated) = 0.675 W/kg

SAR(1 g) = 0.448 W/kg; SAR(10 g) = 0.282 W/kg

Maximum value of SAR (measured) = 0.450 W/kg

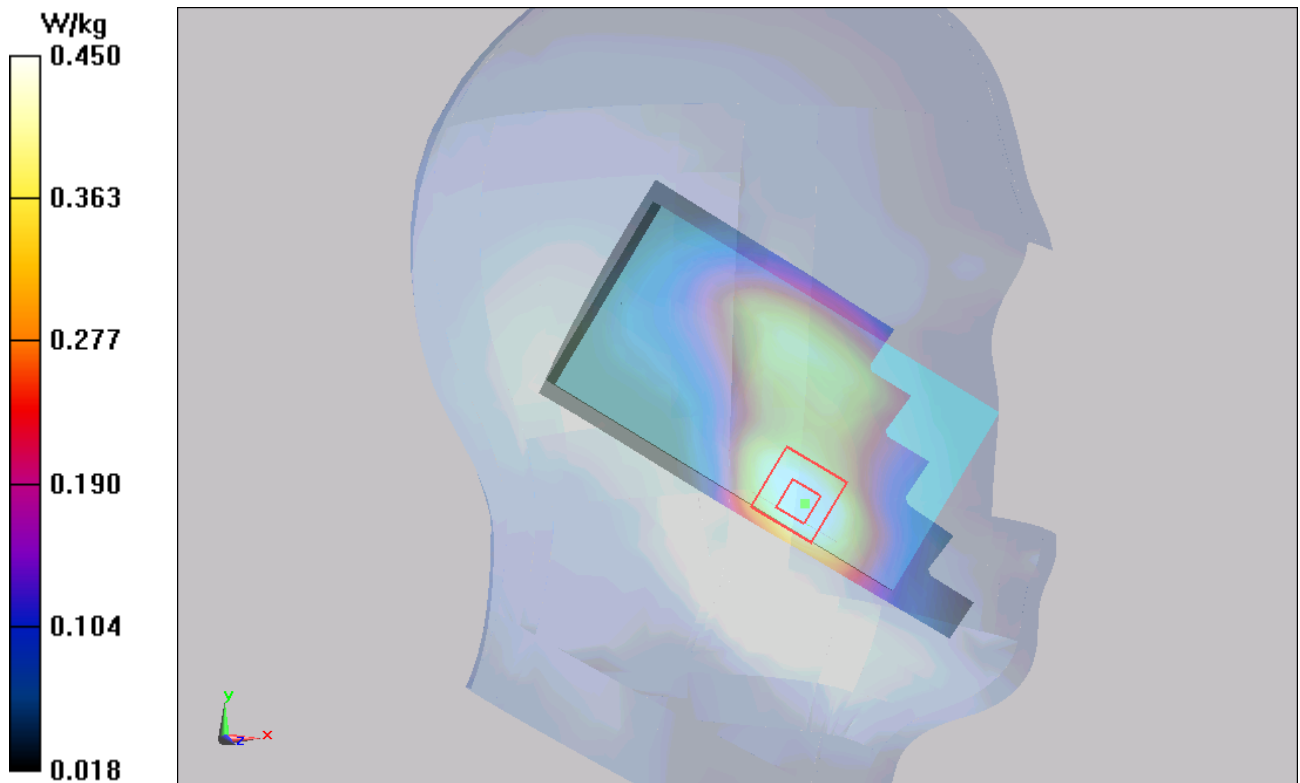


Figure 233 Left Hand Touch Cheek LTE Band 4 50%RB Channel 20300

LTE Band 4 50%RB Left Cheek Middle

Date/Time: 3/3/2014 11:41:50 PM

Communication System:LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 40.368$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Left Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.22, 8.22, 8.22); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Left Cheek Middle/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

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

Left Cheek Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.582 V/m; Power Drift = 0.055 dB

Peak SAR (extrapolated) = 0.690 W/kg

SAR(1 g) = 0.461 W/kg; SAR(10 g) = 0.291 W/kg

Maximum value of SAR (measured) = 0.464 W/kg

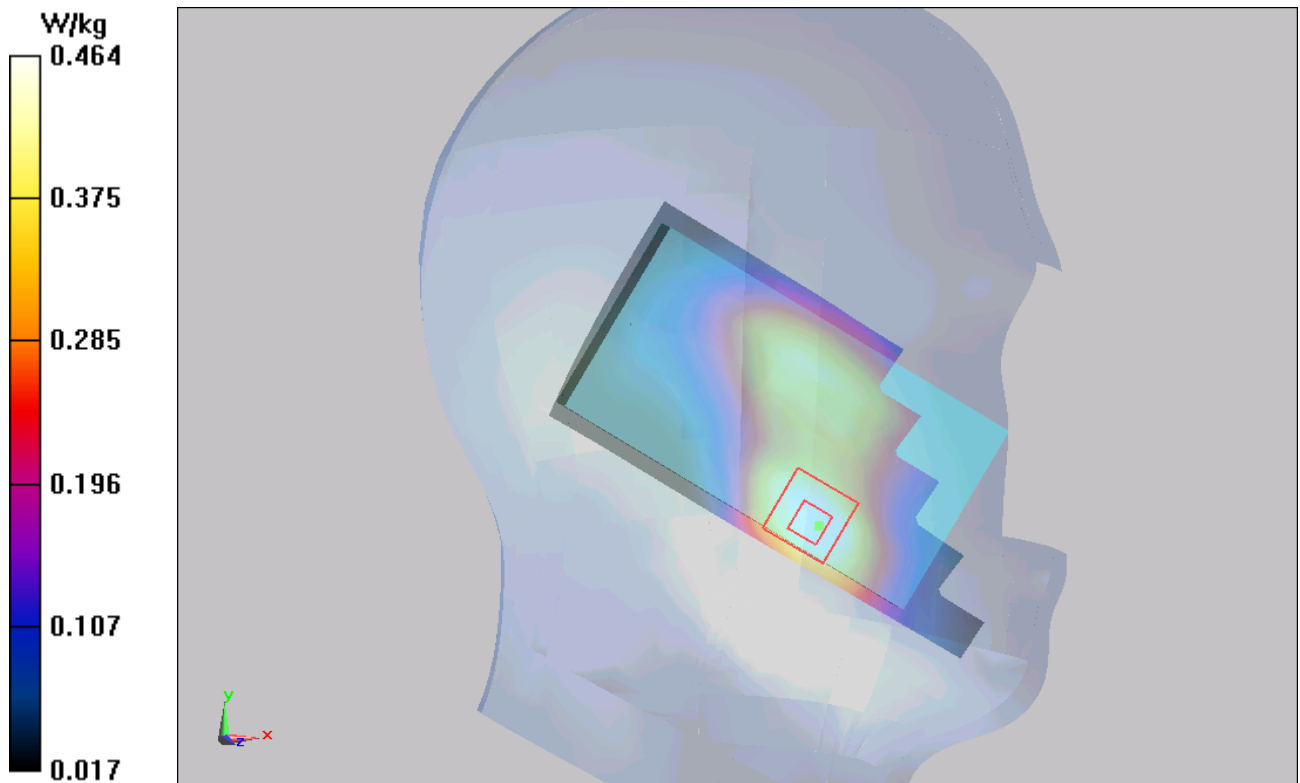


Figure 234 Left Hand Touch Cheek LTE Band 4 50%RB Channel 20175

LTE Band 4 50%RB Left Cheek Low

Date/Time: 3/3/2014 12:34:25 AM

Communication System:LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.36$ S/m; $\epsilon_r = 40.414$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Left Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.22, 8.22, 8.22); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Left Cheek Low/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.500 W/kg

Left Cheek Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.615 V/m; Power Drift = 0.058 dB

Peak SAR (extrapolated) = 0.675 W/kg

SAR(1 g) = 0.452 W/kg; SAR(10 g) = 0.288 W/kg

Maximum value of SAR (measured) = 0.465 W/kg

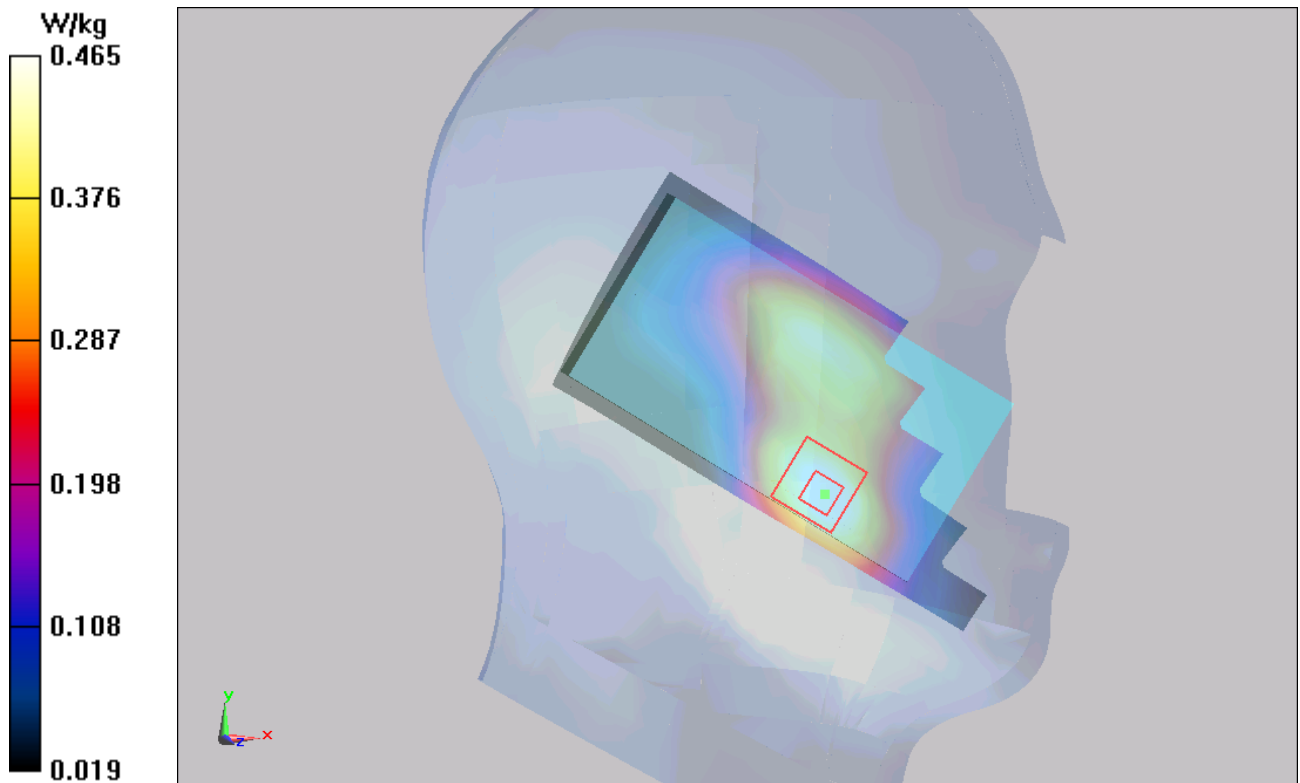


Figure 235 Left Hand Touch Cheek LTE Band 4 50%RB Channel 20050

LTE Band 4 50%RB Left Tilt High

Date/Time: 3/3/2014 1:39:41 AM

Communication System: LTE (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1745 \text{ MHz}$; $\sigma = 1.384 \text{ S/m}$; $\epsilon_r = 40.303$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 22.3°C Liquid Temperature: 21.5°C

Phantom section: Left Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.22, 8.22, 8.22); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Left Tilt High/Area Scan (51x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Left Tilt High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.282 V/m ; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.328 W/kg

SAR(1 g) = 0.225 W/kg ; SAR(10 g) = 0.145 W/kg

Maximum value of SAR (measured) = 0.231 W/kg

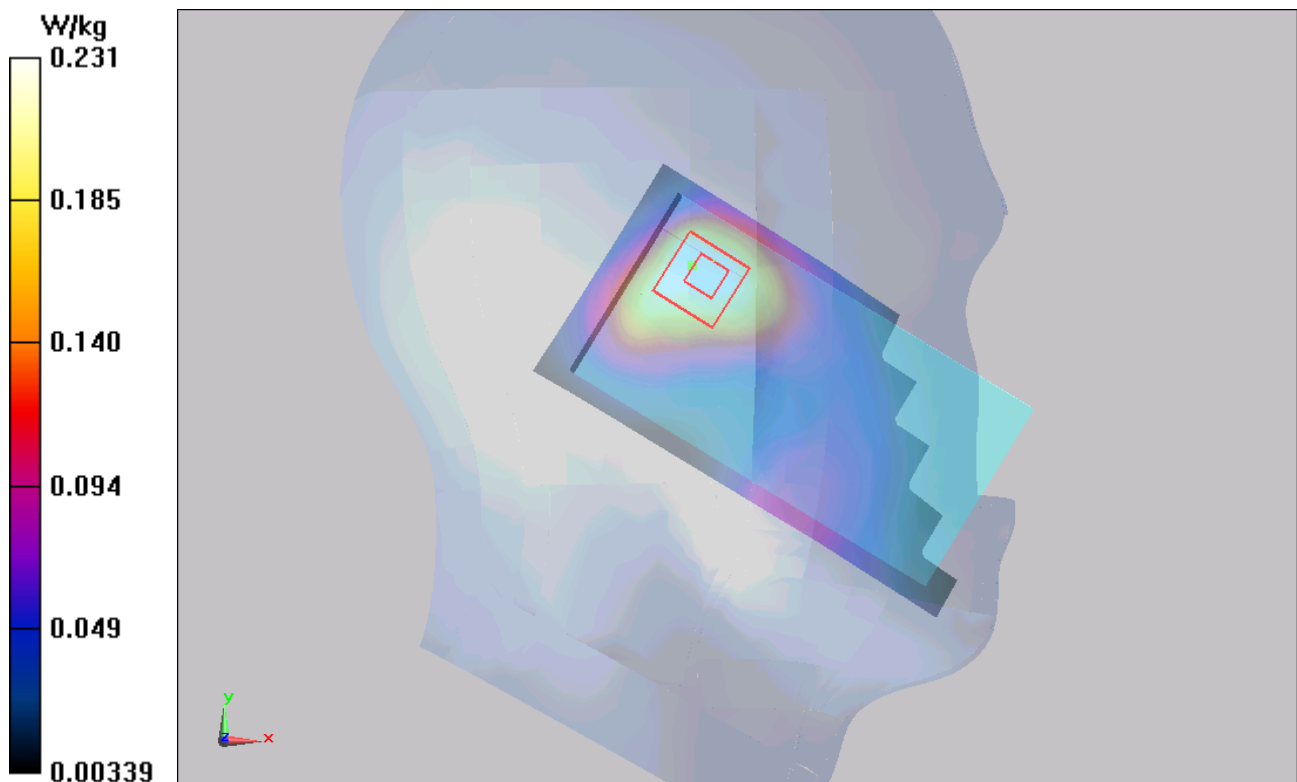


Figure 236 Left Hand Tilt 15° LTE Band 4 50%RB Channel 20300

LTE Band 4 50%RB Left Tilt Middle

Date/Time: 3/3/2014 1:26:39 AM

Communication System:LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 40.368$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Left Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.22, 8.22, 8.22); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Left Tilt Middle/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.279 W/kg

Left Tilt Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.514 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.341 W/kg

SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.152 W/kg

Maximum value of SAR (measured) = 0.241 W/kg

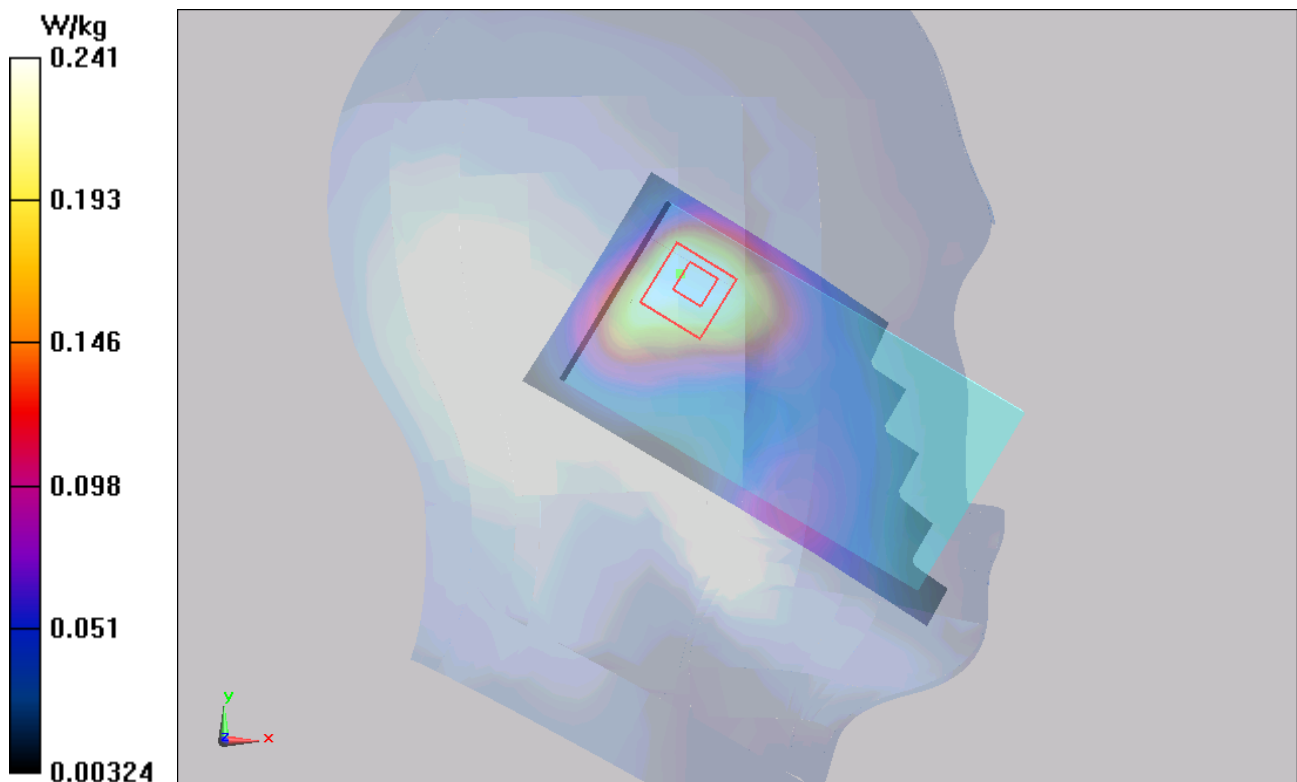


Figure 237 Left Hand Tilt 15° LTE Band 4 50%RB Channel 20175

LTE Band 4 50%RB Left Tilt Low

Date/Time: 3/3/2014 12:47:37 AM

Communication System:LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.36$ S/m; $\epsilon_r = 40.414$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Left Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.22, 8.22, 8.22); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Left Tilt Low/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

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

Left Tilt Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.564 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.338 W/kg

SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.152 W/kg

Maximum value of SAR (measured) = 0.243 W/kg

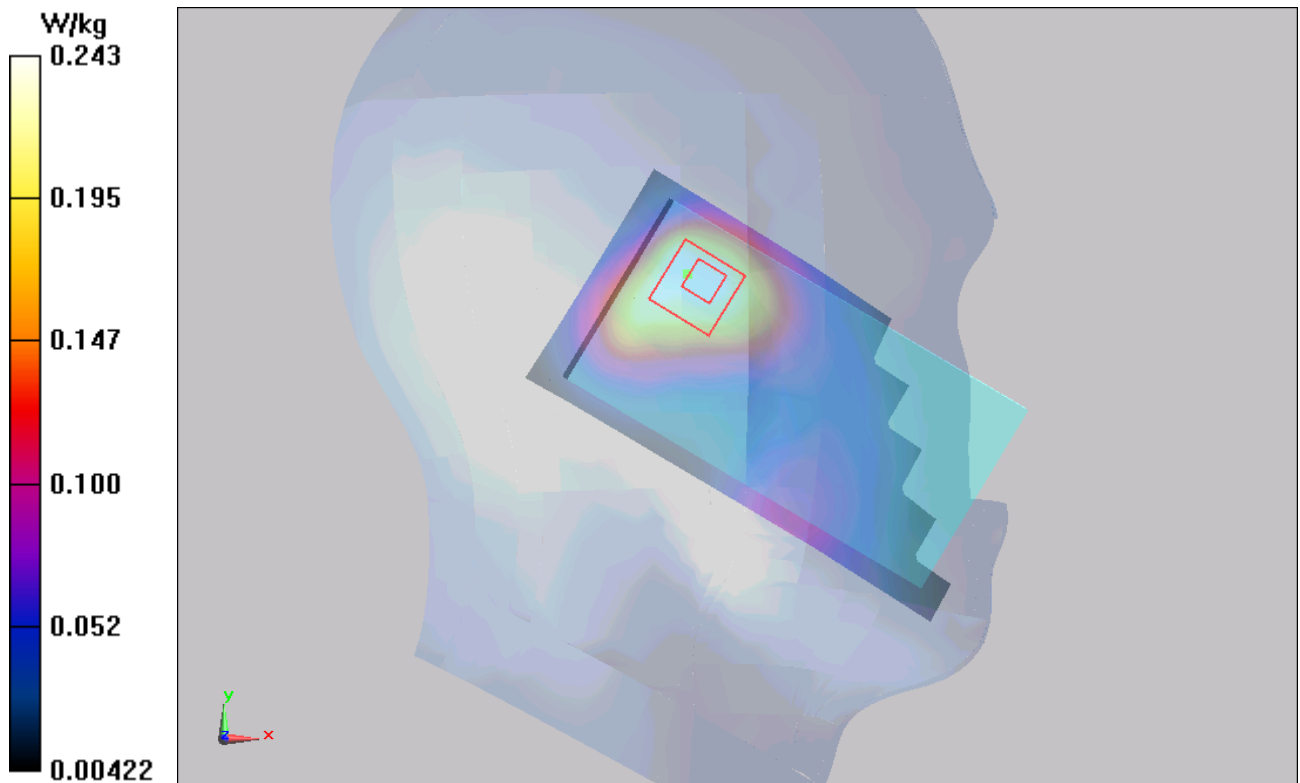


Figure 238 Left Hand Tilt 15° LTE Band 4 50%RB Channel 20050

LTE Band 4 50%RB Right Cheek High

Date/Time: 3/3/2014 8:55:42 PM

Communication System:LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.384$ S/m; $\epsilon_r = 40.303$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Right Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.22, 8.22, 8.22); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Right Cheek High/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.738 W/kg

Right Cheek High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.447 V/m; Power Drift = 0.032 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.661 W/kg; SAR(10 g) = 0.410 W/kg

Maximum value of SAR (measured) = 0.723 W/kg

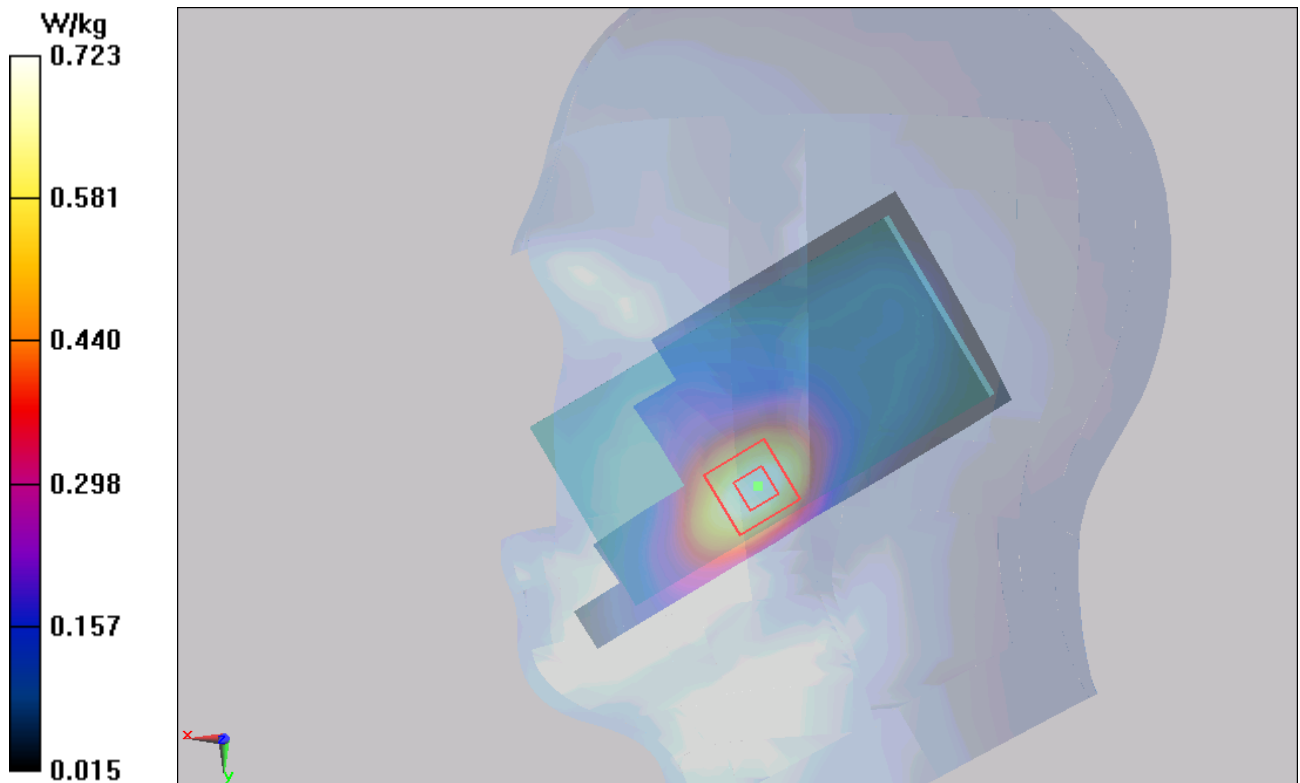


Figure 239 Right Hand Touch Cheek LTE Band 4 50%RB Channel 20300

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LTE Band 4 50%RB Right Cheek Middle

Date/Time: 3/3/2014 8:43:11 PM

Communication System:LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 40.368$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Right Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.22, 8.22, 8.22); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Right Cheek Middle/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.765 W/kg

Right Cheek Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.527 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.692 W/kg; SAR(10 g) = 0.430 W/kg

Maximum value of SAR (measured) = 0.704 W/kg

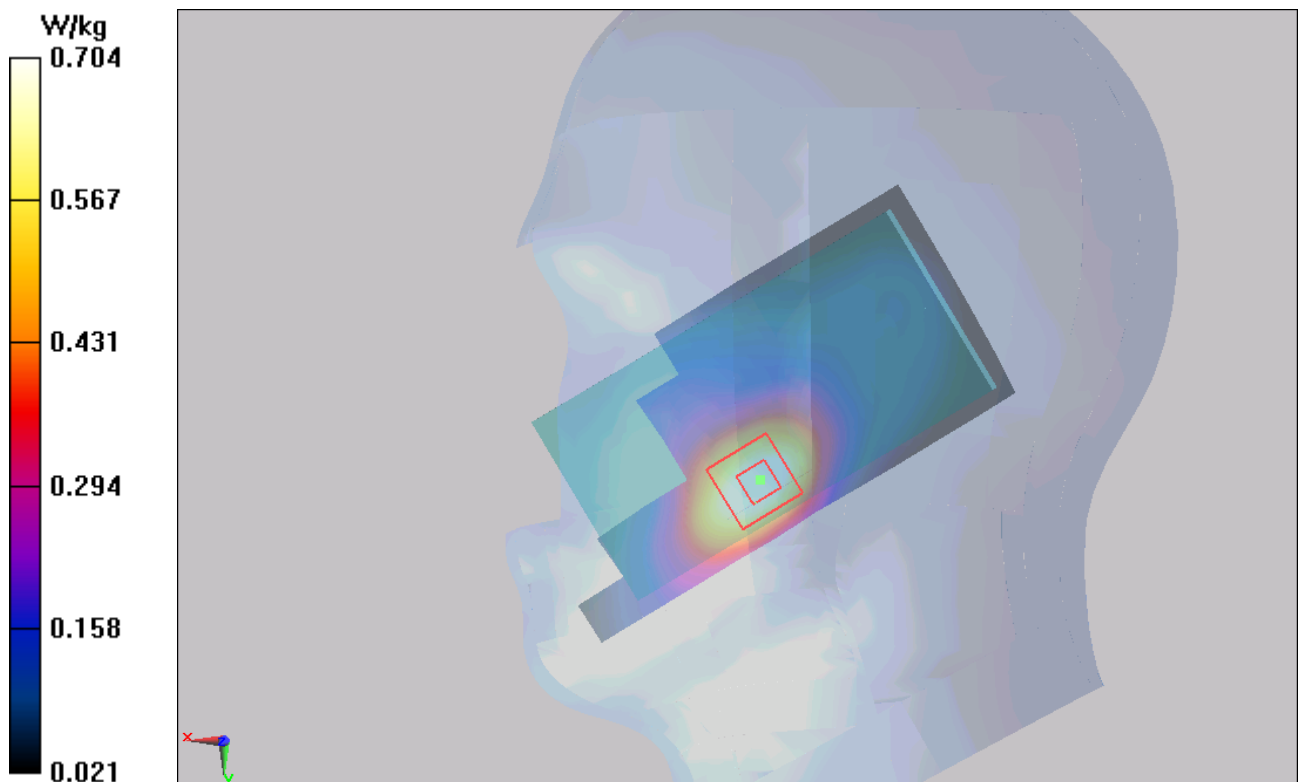


Figure 240 Right Hand Touch Cheek LTE Band 4 50%RB Channel 20175

LTE Band 4 50%RB Right Cheek Low

Date/Time: 3/3/2014 9:35:55 PM

Communication System:LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.36$ S/m; $\epsilon_r = 40.414$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Right Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.22, 8.22, 8.22); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Right Cheek Low/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

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

Right Cheek Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.161 V/m; Power Drift = 0.036 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.697 W/kg; SAR(10 g) = 0.435 W/kg

Maximum value of SAR (measured) = 0.762 W/kg

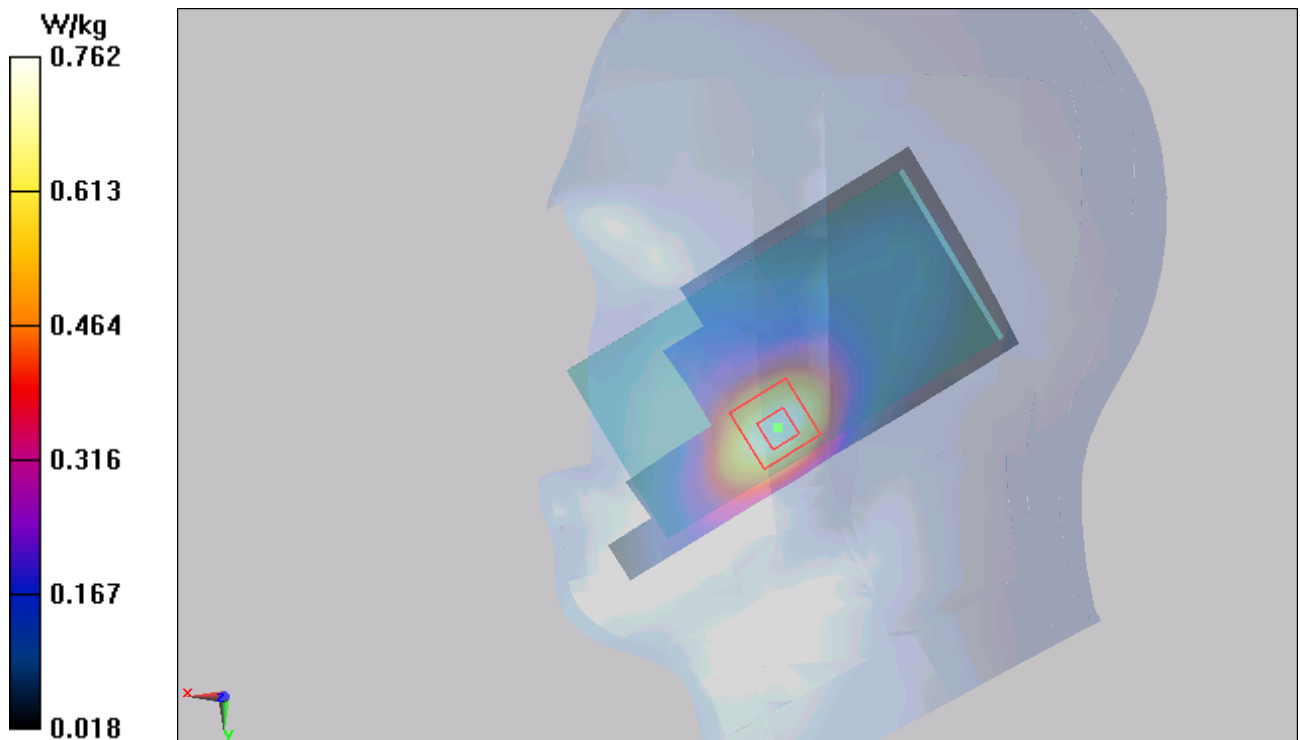


Figure 241 Right Hand Touch Cheek LTE Band 4 50%RB Channel 20050

LTE Band 4 50%RB Right Tilt High

Date/Time: 3/3/2014 10:31:46 PM

Communication System:LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.384$ S/m; $\epsilon_r = 40.303$; $\rho = 1000$ kg/m³

Ambient Temperature:22.3 °C Liquid Temperature: 21.5°C

Phantom section: Right Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 – SN3677; ConvF(8.22, 8.22, 8.22); Calibrated: 11/28/2013;

Electronics: DAE4 Sn1317; Calibrated: 1/16/2014

Phantom: SAM 2; Type: SAM;

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Right Tilt High/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.254 W/kg

Right Tilt High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.970 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.331 W/kg

SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.128 W/kg

Maximum value of SAR (measured) = 0.235 W/kg

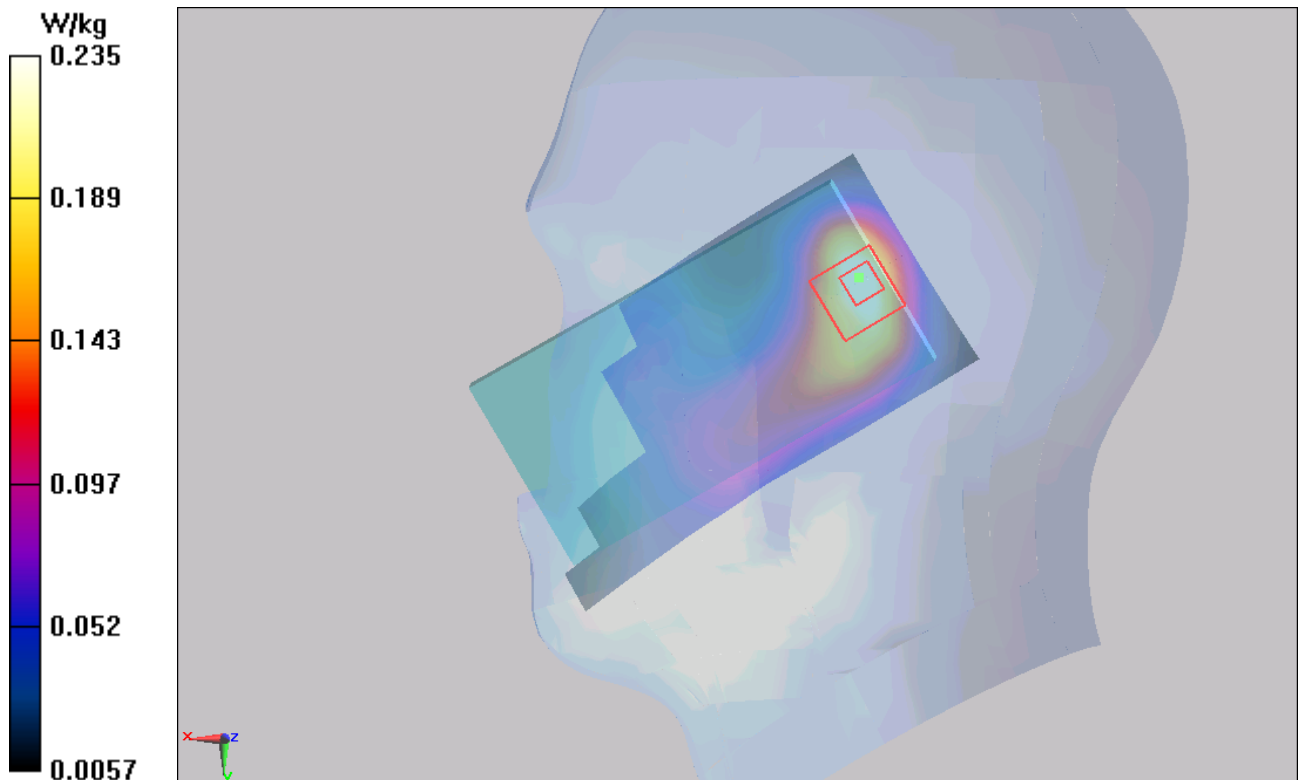


Figure 242 Right Hand Tilt 15° LTE Band 4 50%RB Channel 20300