

TA Technology (Shanghai) Co., Ltd.

Test Report

Report No.: RXA1402-0022SAR01R2

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LTE Band 4 50%RB Right Tilt Middle

Date/Time: 3/3/2014 10:47:03 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) = 0.258 W/kg

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

Reference Value = 13.094 V/m; Power Drift = 0.120 dB

Peak SAR (extrapolated) = 0.344 W/kg

SAR(1 g) = 0.221 W/kg; SAR(10 g) = 0.135 W/kg

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

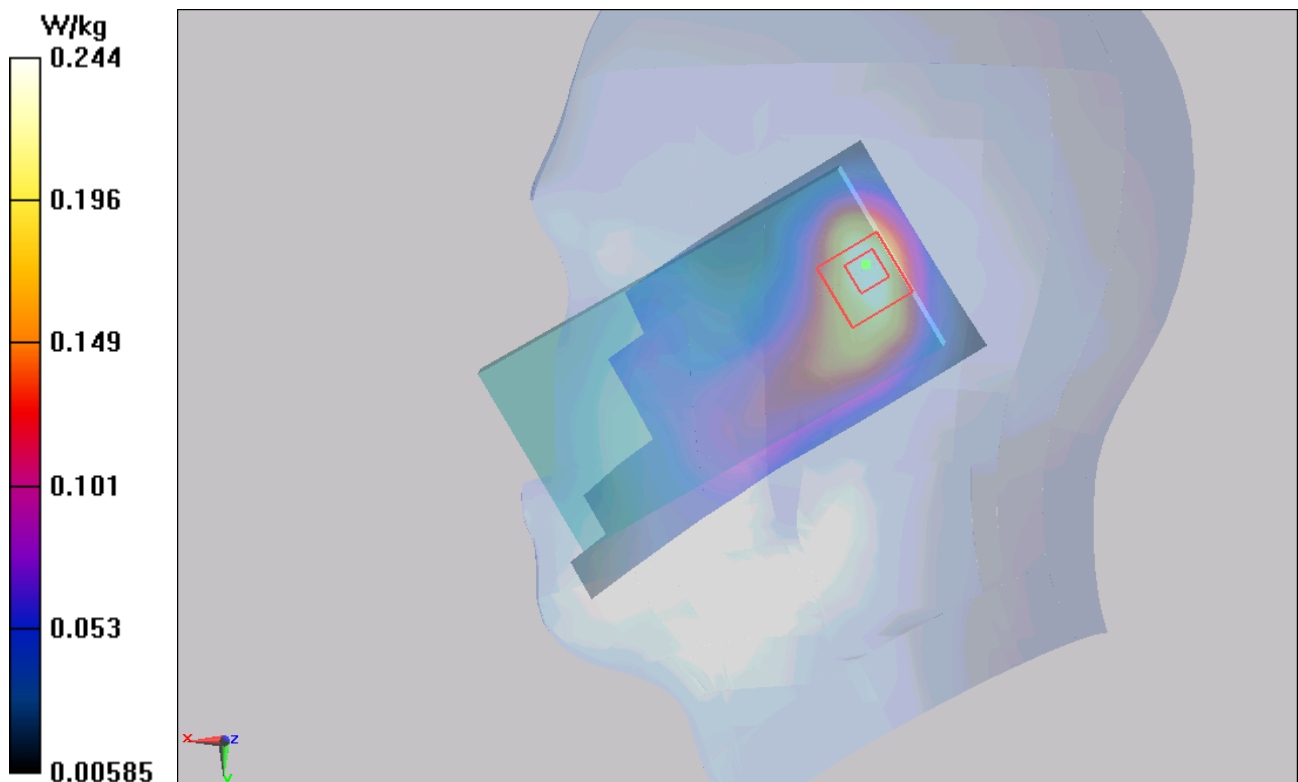


Figure 243 Right Hand Tilt 15° LTE Band 4 50%RB Channel 20175

LTE Band 4 50%RB Right Tilt Low

Date/Time: 3/3/2014 9:51:19 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) = 0.263 W/kg

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

Reference Value = 13.250 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.336 W/kg

SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.136 W/kg

Maximum value of SAR (measured) = 0.237 W/kg

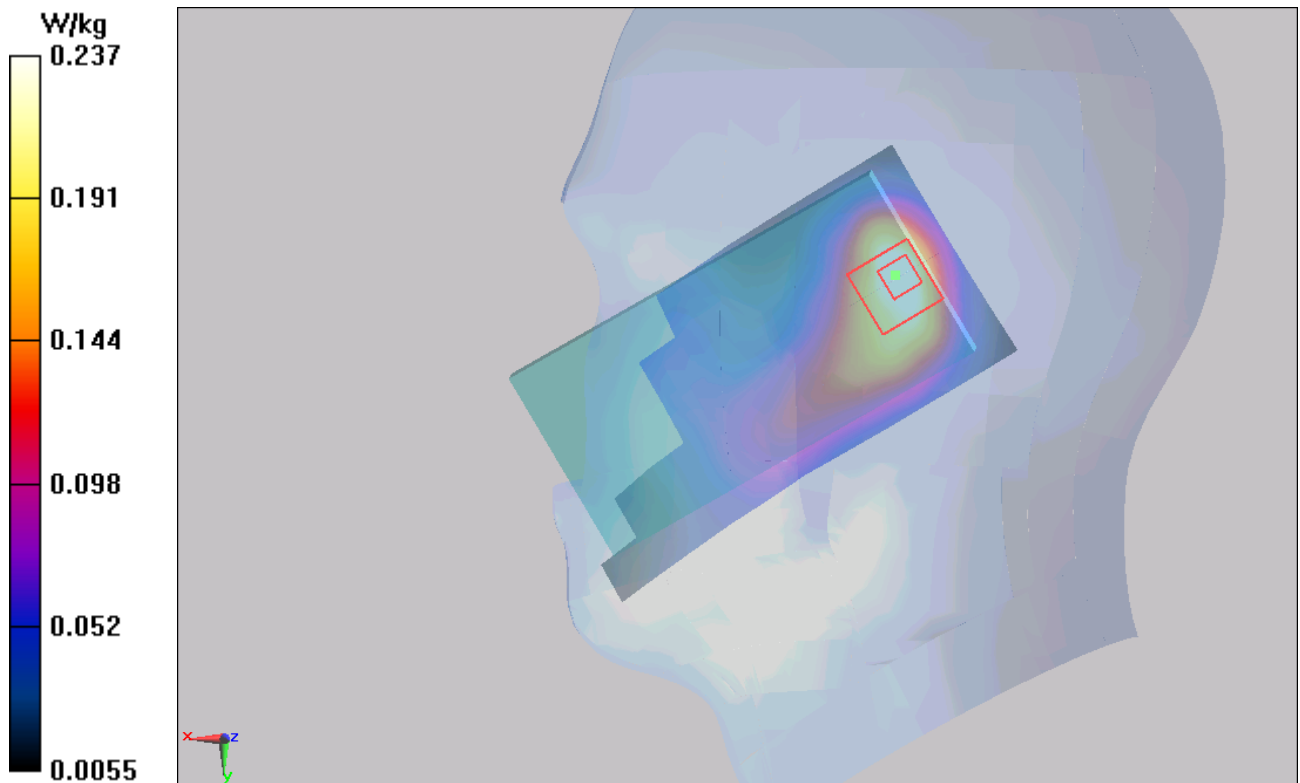


Figure 244 Right Hand Tilt 15° LTE Band 4 50%RB Channel 20050

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LTE Band 4 50%RB Right Cheek Low (Battery 2)

Date/Time: 3/3/2014 2:23:57 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: 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) = 0.728 W/kg

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

Reference Value = 8.773 V/m; Power Drift = 0.030 dB

Peak SAR (extrapolated) = 0.950 W/kg

SAR(1 g) = 0.643 W/kg; SAR(10 g) = 0.407 W/kg

Maximum value of SAR (measured) = 0.654 W/kg

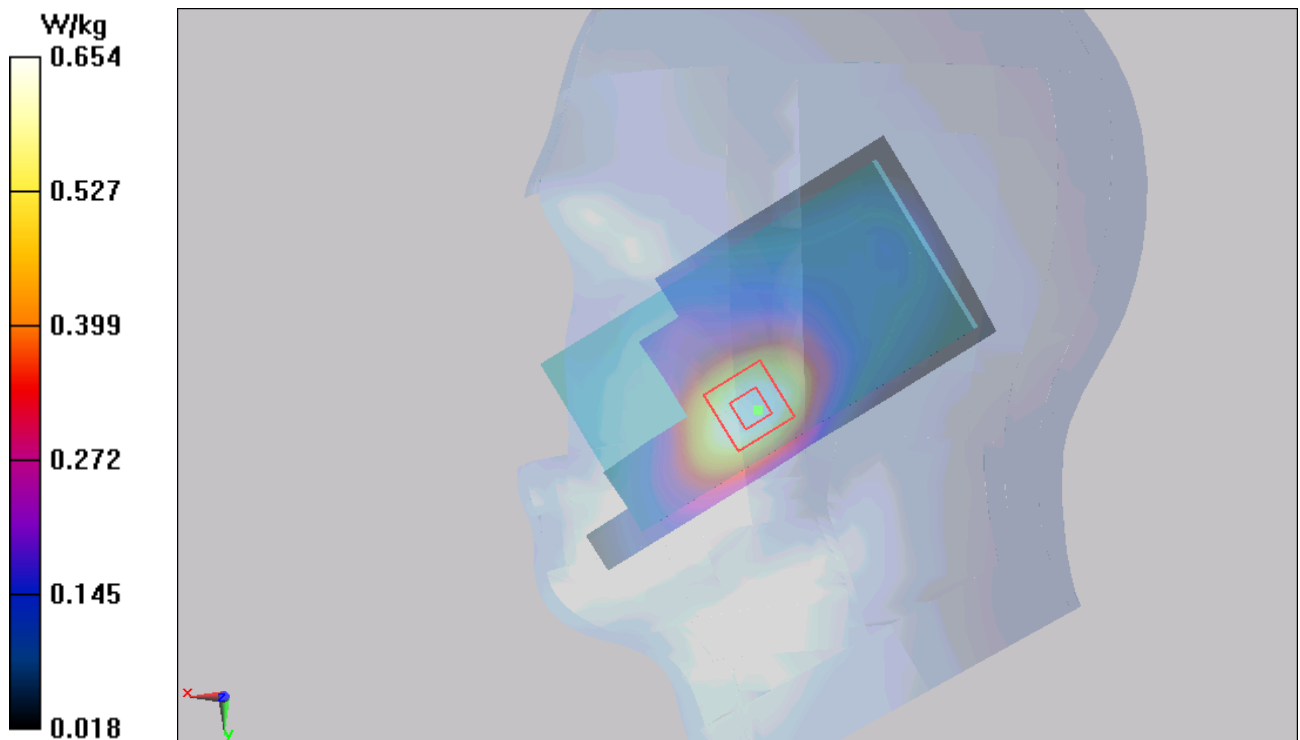


Figure 245 Right Hand Touch Cheek LTE Band 4 50%RB Channel 20050

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LTE Band 4 50%RB Back Side High

Date/Time: 3/1/2014 10:30:49 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) = 0.892 W/kg

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

Reference Value = 14.531 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.753 W/kg; SAR(10 g) = 0.474 W/kg

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

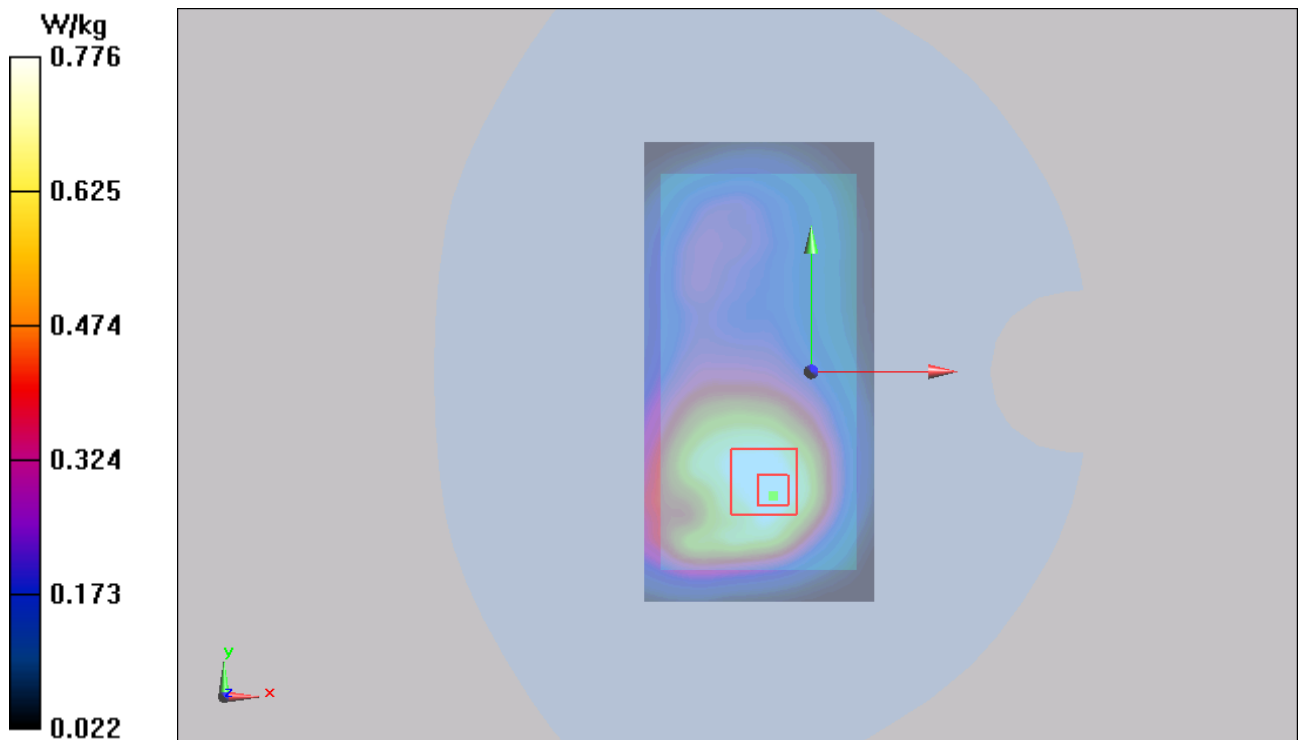


Figure 246 Body, Back Side, LTE Band 4 50%RB Channel 20300

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LTE Band 4 50%RB Back Side Middle

Date/Time: 3/1/2014 10:46:18 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) = 0.876 W/kg

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

Reference Value = 14.681 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.757 W/kg; SAR(10 g) = 0.477 W/kg

Maximum value of SAR (measured) = 0.806 W/kg

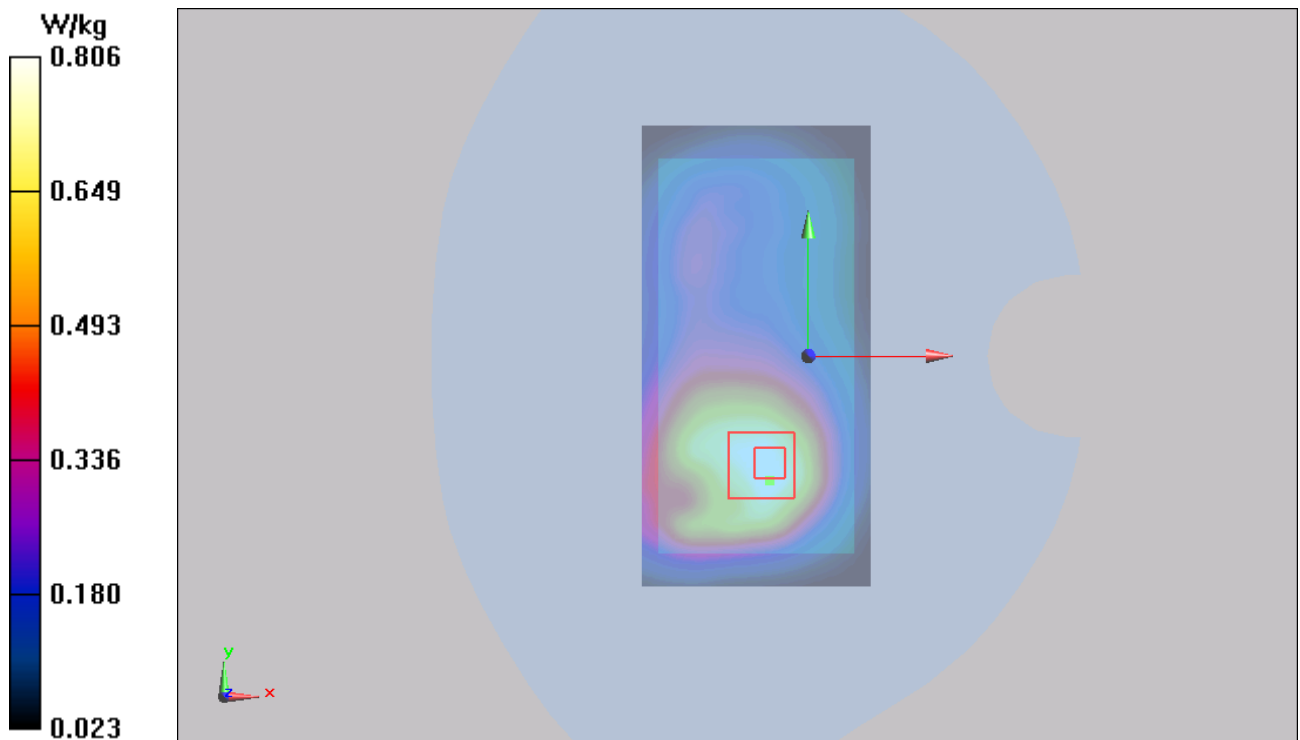


Figure 247 Body, Back Side, LTE Band 4 50%RB Channel 20175

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LTE Band 4 50%RB Back Side Low

Date/Time: 3/1/2014 10:17:29 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) = 0.906 W/kg

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

Reference Value = 14.759 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.810 W/kg; SAR(10 g) = 0.507 W/kg

Maximum value of SAR (measured) = 0.847 W/kg

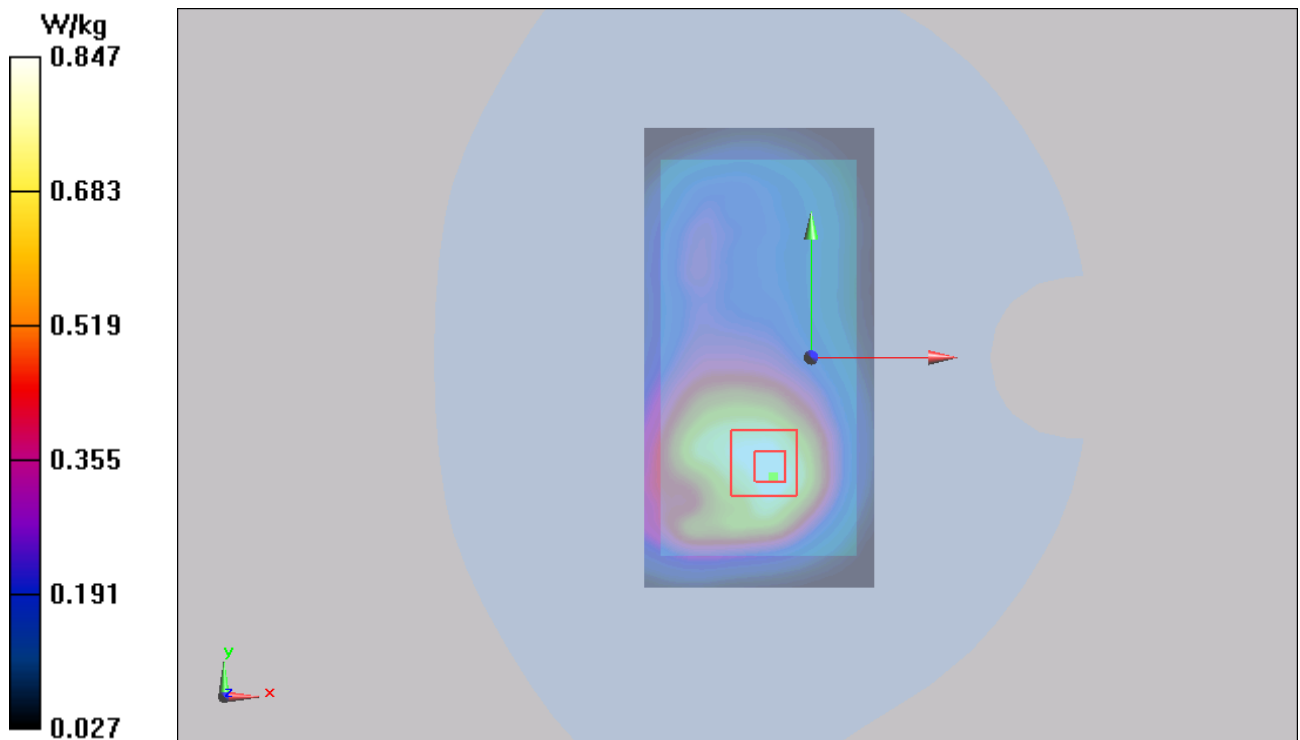


Figure 248 Body, Back Side, LTE Band 4 50%RB Channel 20050

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LTE Band 4 50%RB Front Side High

Date/Time: 3/1/2014 6:44:39 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) = 0.759 W/kg

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

Reference Value = 10.376 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.686 W/kg; SAR(10 g) = 0.426 W/kg

Maximum value of SAR (measured) = 0.717 W/kg

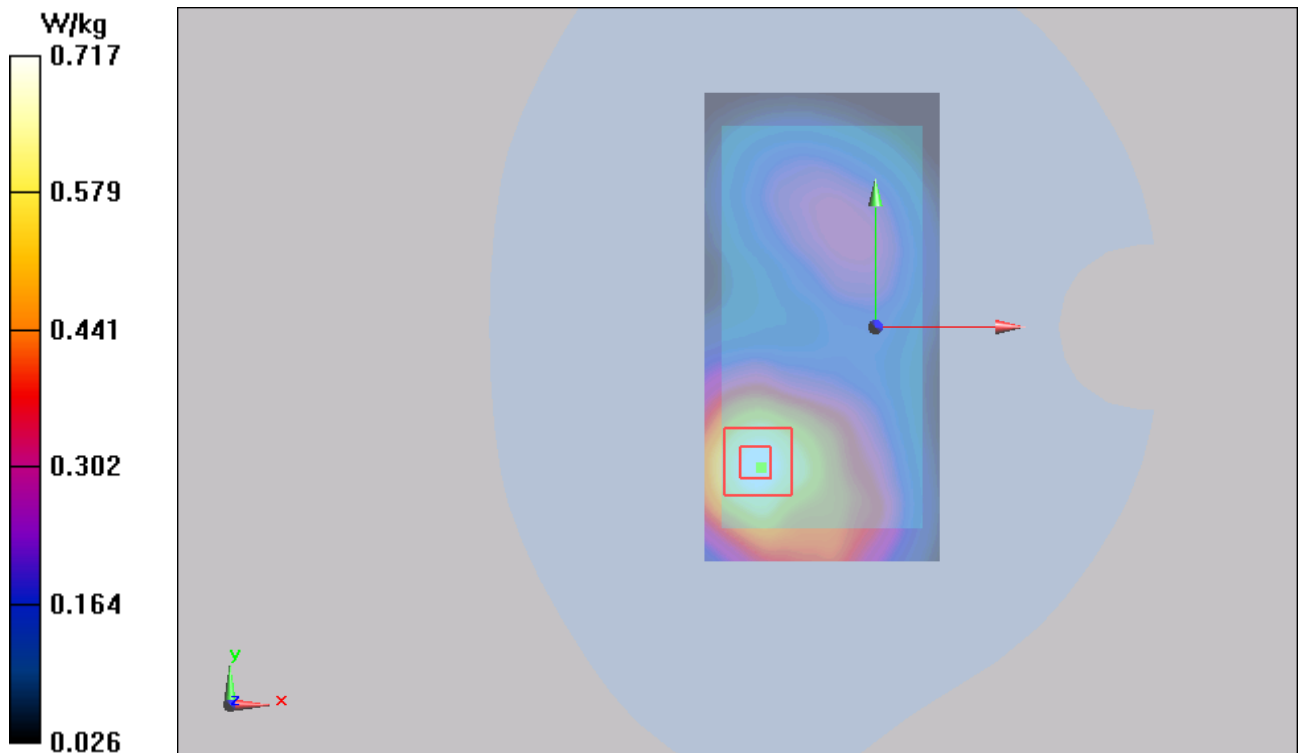


Figure 249 Body, Front Side, LTE Band 4 50%RB Channel 20300

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LTE Band 4 50%RB Front Side Middle

Date/Time: 3/1/2014 4:51:05 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) = 0.780 W/kg

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

Reference Value = 10.738 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.710 W/kg; SAR(10 g) = 0.442 W/kg

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

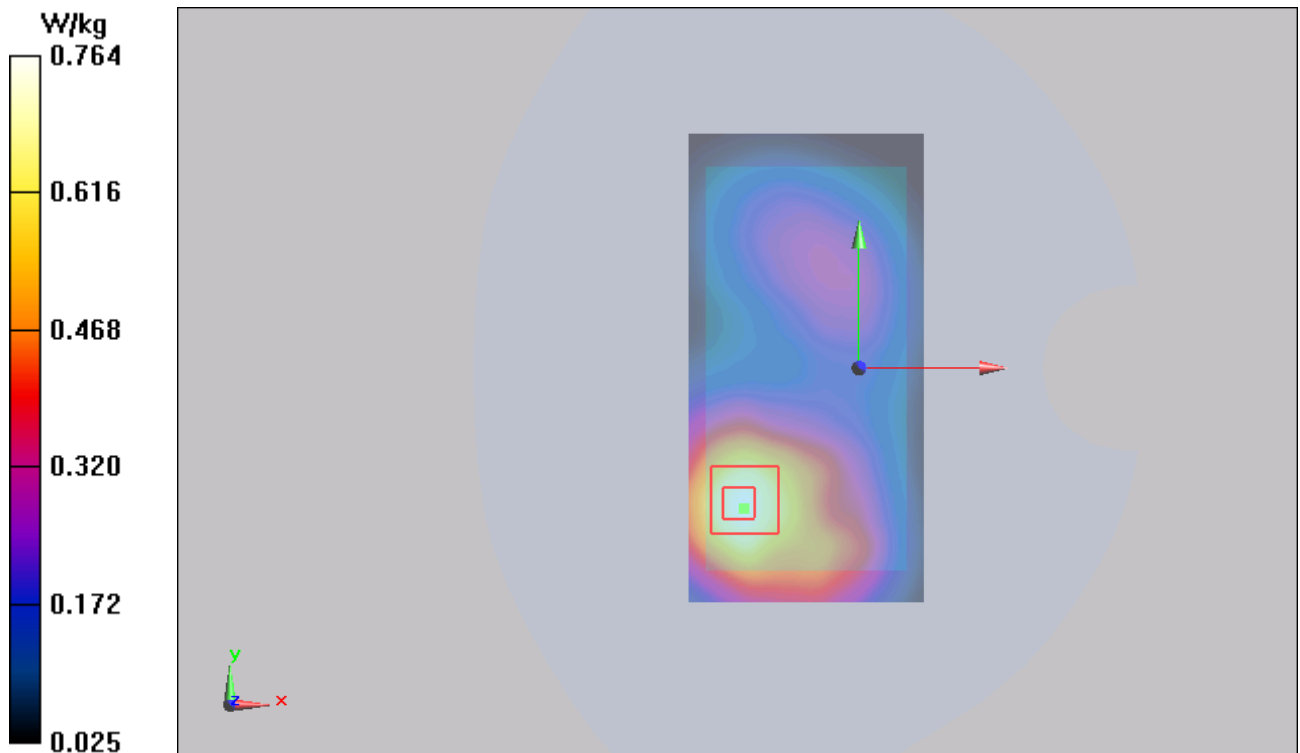


Figure 250 Body, Front Side, LTE Band 4 50%RB Channel 20175

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LTE Band 4 50%RB Front Side Low

Date/Time: 3/1/2014 6:31:07 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) = 0.808 W/kg

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

Reference Value = 11.236 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.743 W/kg; SAR(10 g) = 0.462 W/kg

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

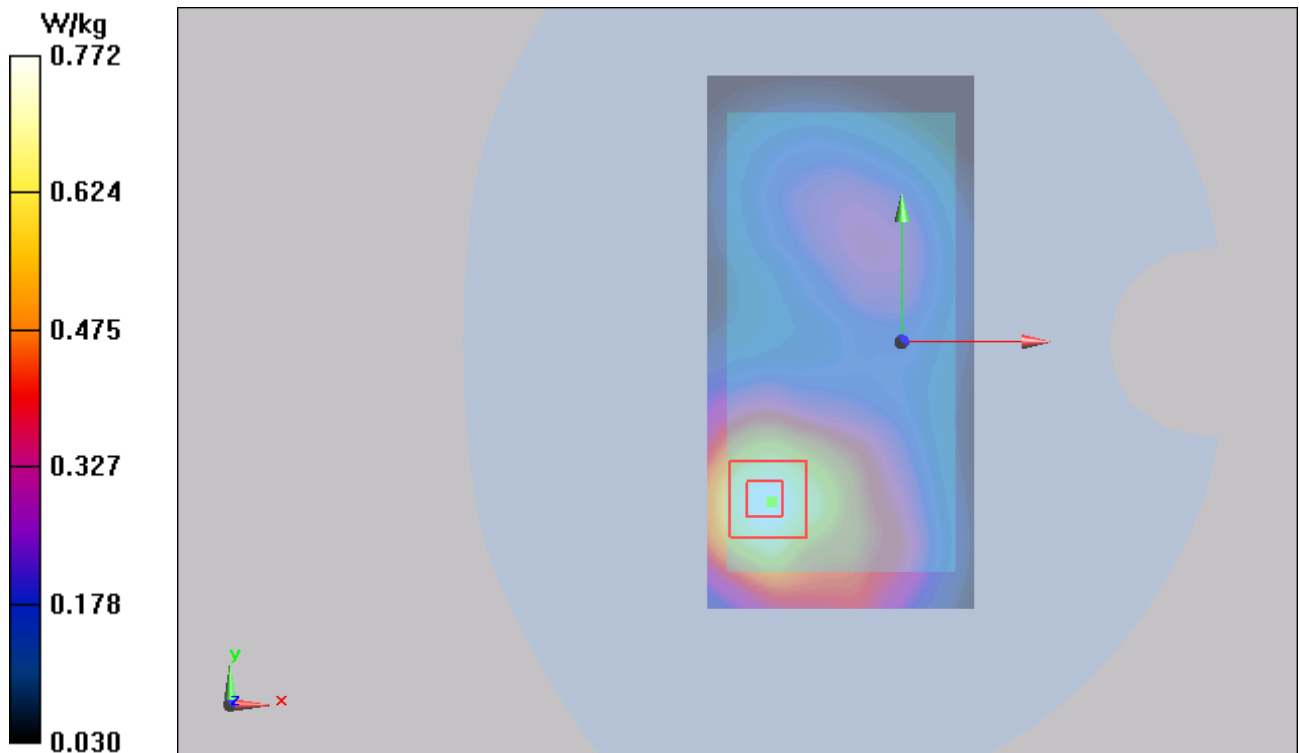


Figure 251 Body, Front Side, LTE Band 4 50%RB Channel 20050

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LTE Band 4 50%RB Left Edge Middle

Date/Time: 3/1/2014 8:47:43 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 Edge Middle/Area Scan (31x101x1): Interpolated grid: dx=10mm, dy=10mm

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

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

Reference Value = 9.257 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.402 W/kg

SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.148 W/kg

Maximum value of SAR (measured) = 0.252 W/kg

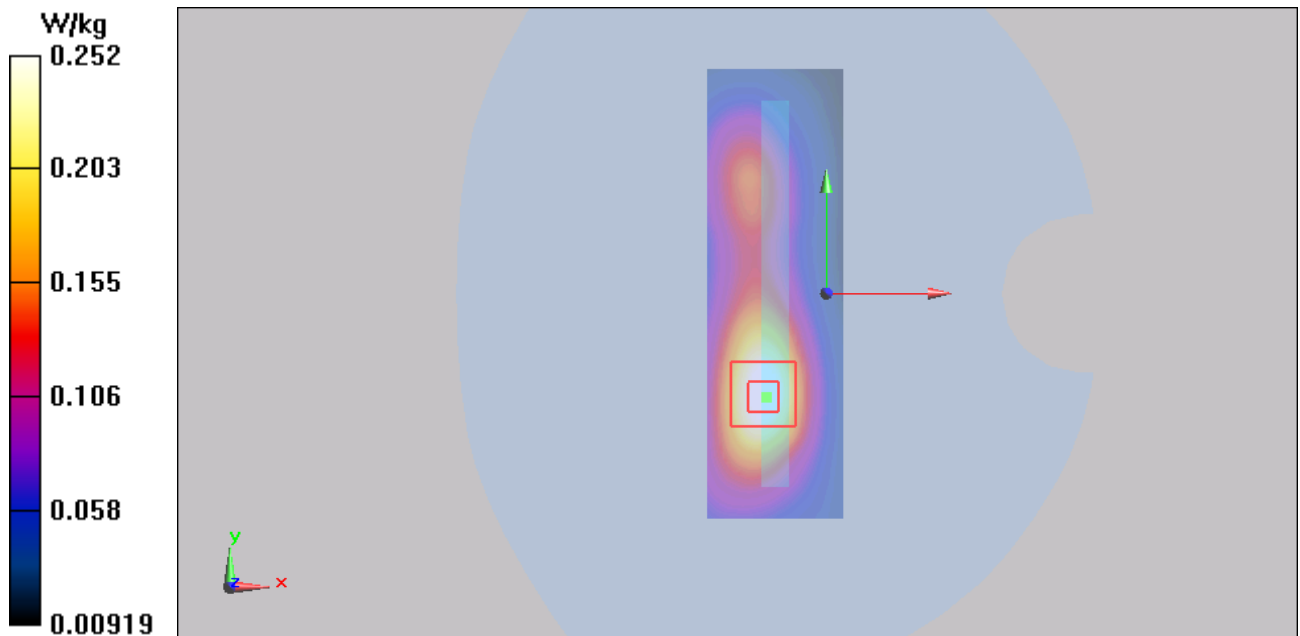


Figure 252 Body, Left Edge, LTE Band 4 50%RB Channel 20175

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LTE Band 4 50%RB Right Edge Middle

Date/Time: 3/1/2014 9:17:57 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)

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

Maximum value of SAR (interpolated) = 0.177 W/kg

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

Reference Value = 6.652 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.258 W/kg

SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.098 W/kg

Maximum value of SAR (measured) = 0.164 W/kg

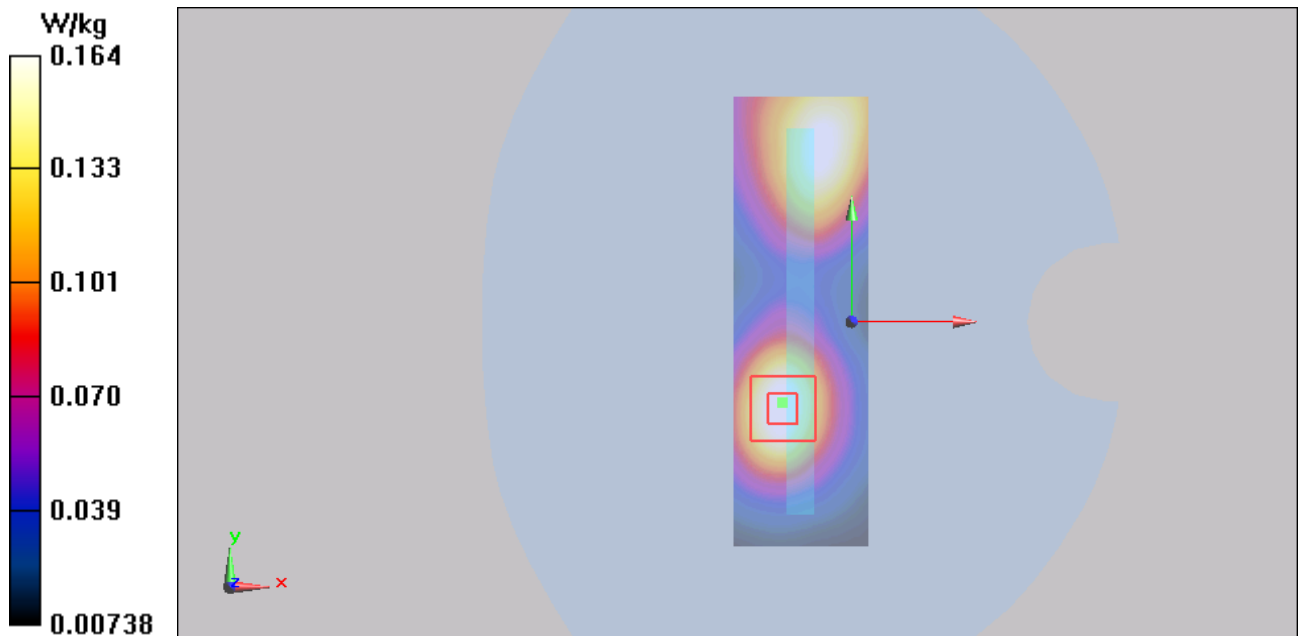


Figure 253 Body, Right Edge, LTE Band 4 50%RB Channel 20175

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LTE Band 4 50%RB Bottom Edge Middle

Date/Time: 3/1/2014 7:05:08 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) = 0.672 W/kg

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

Reference Value = 17.364 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.660 W/kg; SAR(10 g) = 0.374 W/kg

Maximum value of SAR (measured) = 0.729 W/kg

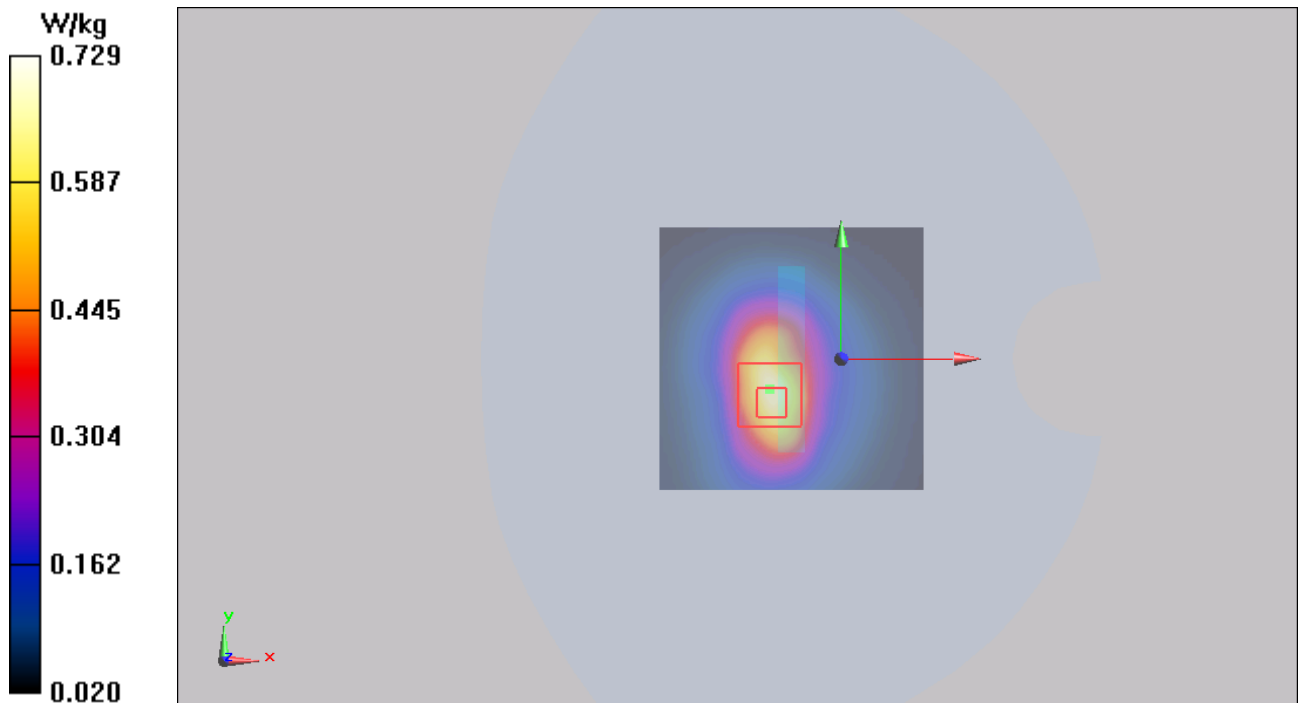


Figure 254 Body, Bottom Edge, LTE Band 4 50%RB Channel 20175

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LTE Band 4 50%RB Back Side Low (Battery 2)

Date/Time: 3/1/2014 8:29:17 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) = 0.907 W/kg

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

Reference Value = 14.916 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.811 W/kg; SAR(10 g) = 0.508 W/kg

Maximum value of SAR (measured) = 0.863 W/kg

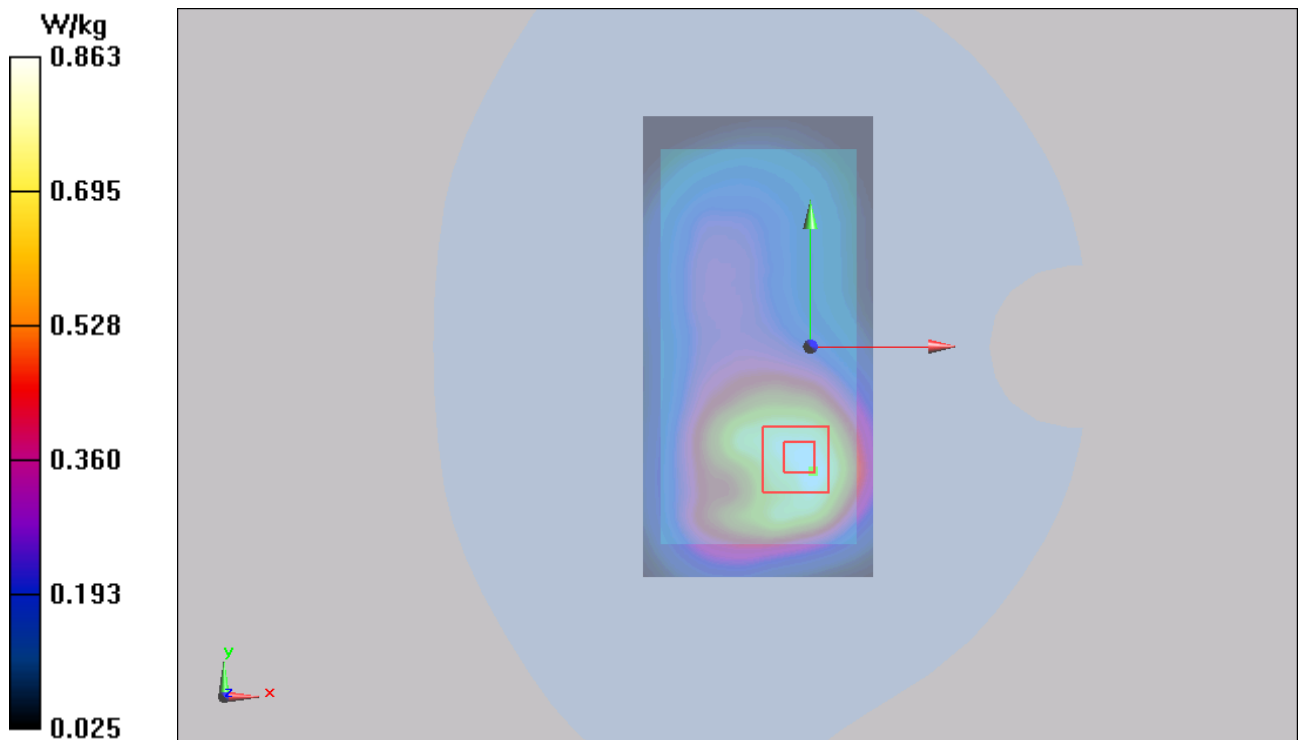


Figure 255 Body, Back Side, LTE Band 4 50%RB Channel 20175

LTE Band 7 1RB Left Cheek High

Date/Time: 3/4/2014 3:39:35 AM

Communication System:LTE (0); Frequency: 2560 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.941$ S/m; $\epsilon_r = 38.761$; $\rho = 1000$ 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 - SN3816; ConvF(7.26, 7.26, 7.26); Calibrated: 6/4/2013;

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) = 0.118 W/kg

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

Reference Value = 2.491 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 0.178 W/kg

SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.045 W/kg

Maximum value of SAR (measured) = 0.0903 W/kg

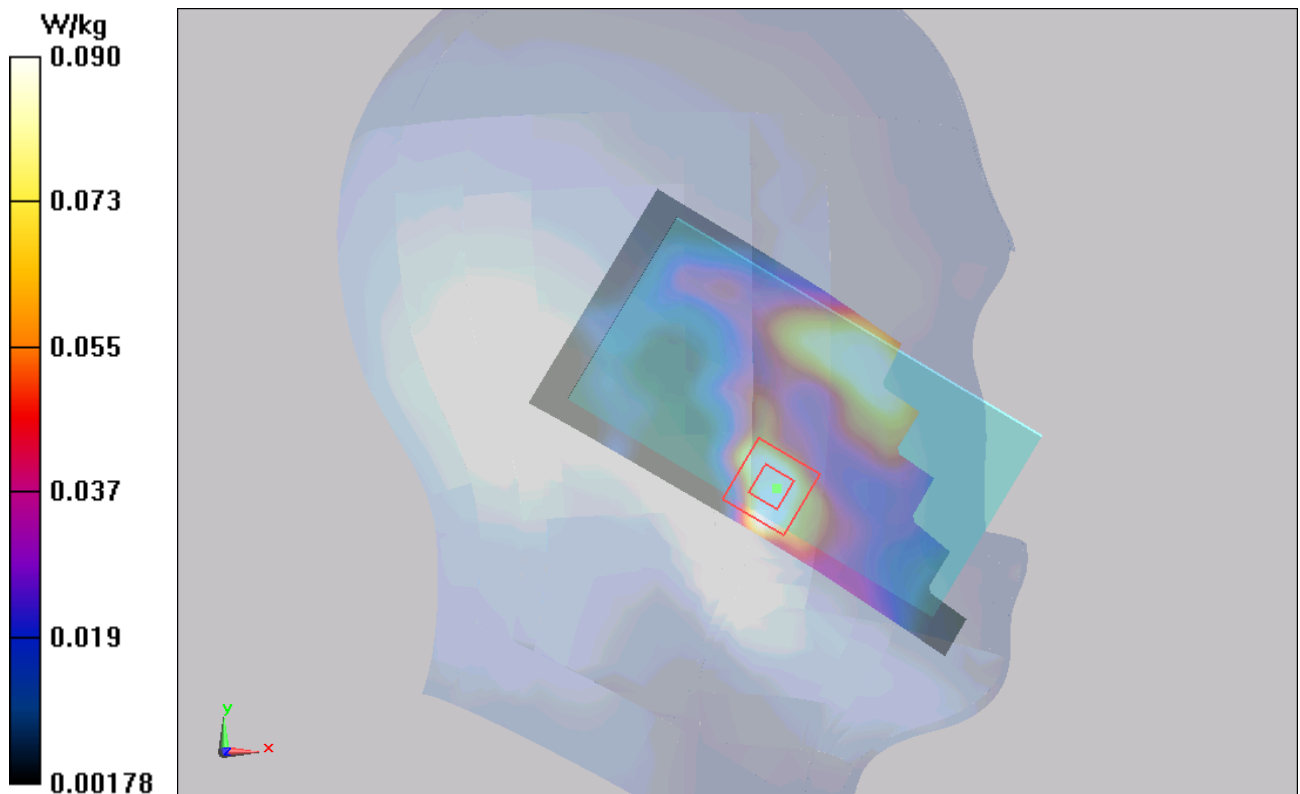


Figure 256 Left Hand Touch Cheek LTE Band 7 1RB Channel 21350

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LTE Band 7 1RB Left Cheek Middle

Date/Time: 3/4/2014 3:01:07 AM

Communication System:LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.915$ S/m; $\epsilon_r = 38.869$; $\rho = 1000$ 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 - SN3816; ConvF(7.26, 7.26, 7.26); Calibrated: 6/4/2013;

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) = 0.142 W/kg

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

Reference Value = 2.911 V/m; Power Drift = 0.122 dB

Peak SAR (extrapolated) = 0.208 W/kg

SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.054 W/kg

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

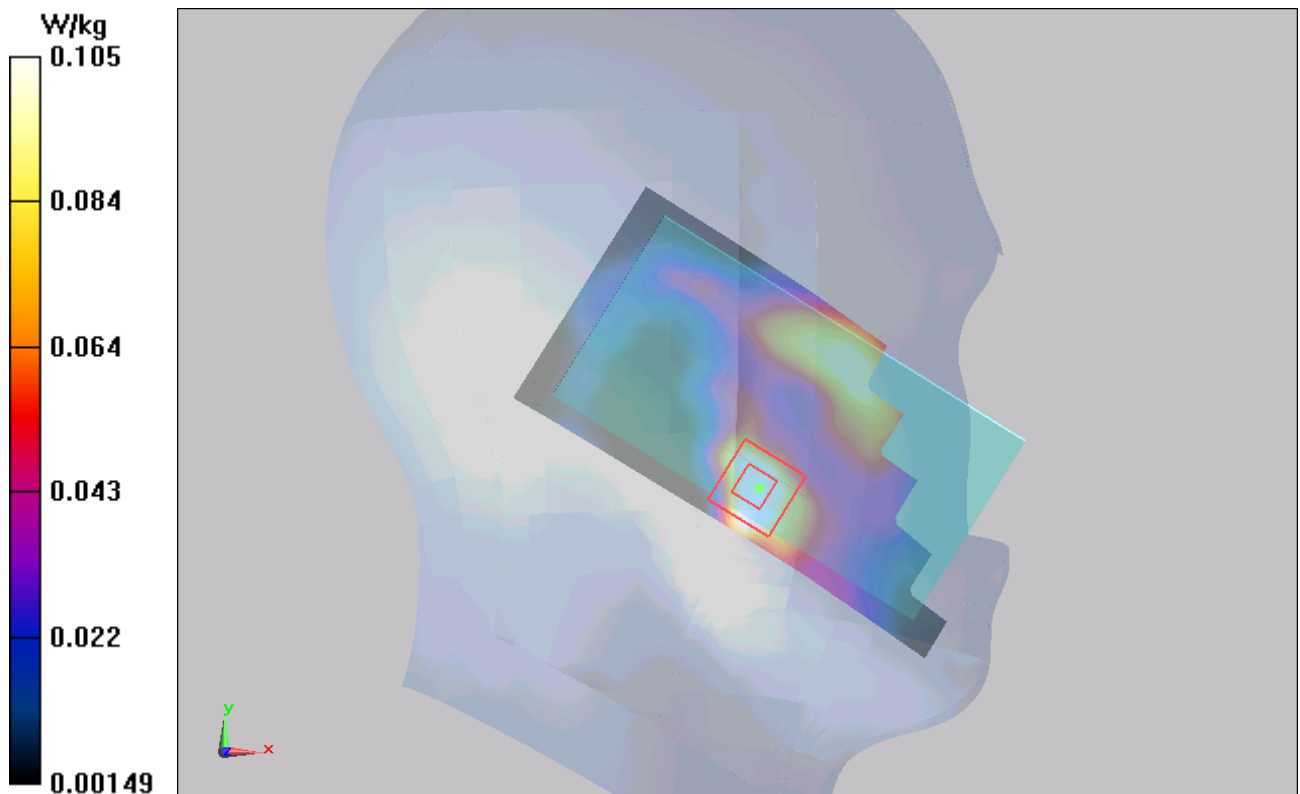


Figure 257 Left Hand Touch Cheek LTE Band 7 1RB Channel 21100

LTE Band 7 1RB Left Cheek Low

Date/Time: 3/4/2014 3:52:29 AM

Communication System:LTE (0); Frequency: 2510 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 1.889$ S/m; $\epsilon_r = 38.958$; $\rho = 1000$ 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 - SN3816; ConvF(7.26, 7.26, 7.26); Calibrated: 6/4/2013;

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) = 0.152 W/kg

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

Reference Value = 3.181 V/m; Power Drift = 0.134 dB

Peak SAR (extrapolated) = 0.222 W/kg

SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.059 W/kg

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

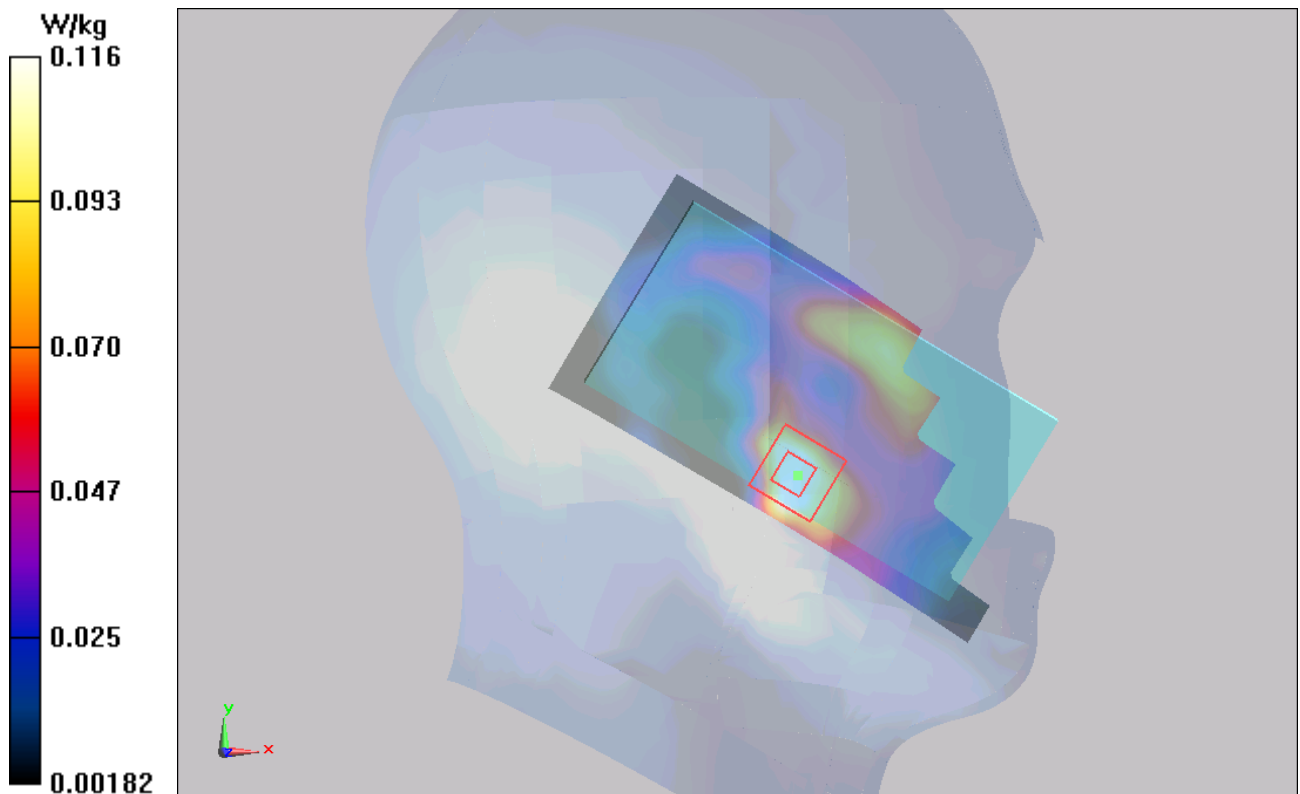


Figure 258 Left Hand Touch Cheek LTE Band 7 1RB Channel 20850

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LTE Band 7 1RB Left Tilt High

Date/Time: 3/4/2014 5:40:26 AM

Communication System:LTE (0); Frequency: 2560 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.941$ S/m; $\epsilon_r = 38.761$; $\rho = 1000$ 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 - SN3816; ConvF(7.26, 7.26, 7.26); Calibrated: 6/4/2013;

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) = 0.0508 W/kg

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

Reference Value = 3.251 V/m; Power Drift = 0.164 dB

Peak SAR (extrapolated) = 0.0420 W/kg

SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.013 W/kg

Maximum value of SAR (measured) = 0.0296 W/kg

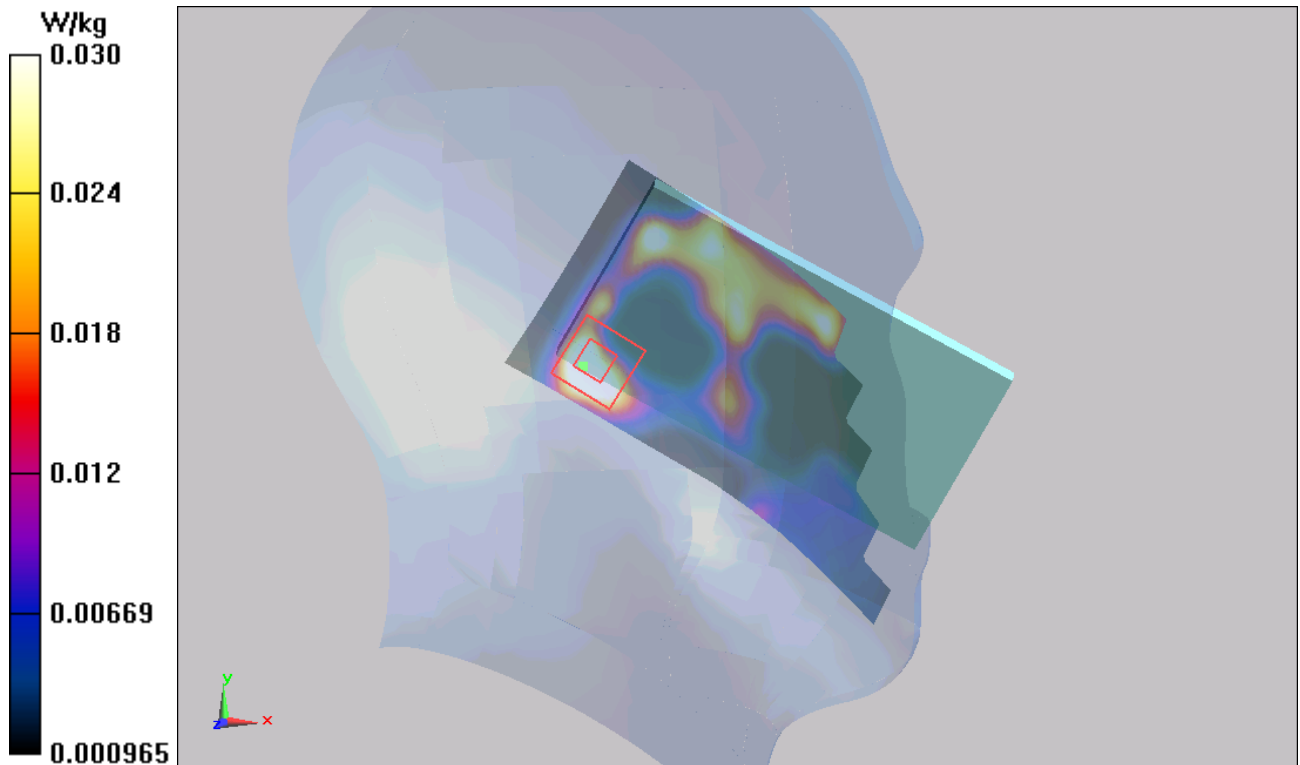


Figure 259 Left Hand Tilt 15° LTE Band 7 1RB Channel 21350

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LTE Band 7 1RB Left Tilt Middle

Date/Time: 3/4/2014 4:44:41 AM

Communication System:LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.915$ S/m; $\epsilon_r = 38.869$; $\rho = 1000$ 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 - SN3816; ConvF(7.26, 7.26, 7.26); Calibrated: 6/4/2013;

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) = 0.0610 W/kg

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

Reference Value = 3.949 V/m; Power Drift = 0.127 dB

Peak SAR (extrapolated) = 0.136 W/kg

SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.020 W/kg

Maximum value of SAR (measured) = 0.0403 W/kg

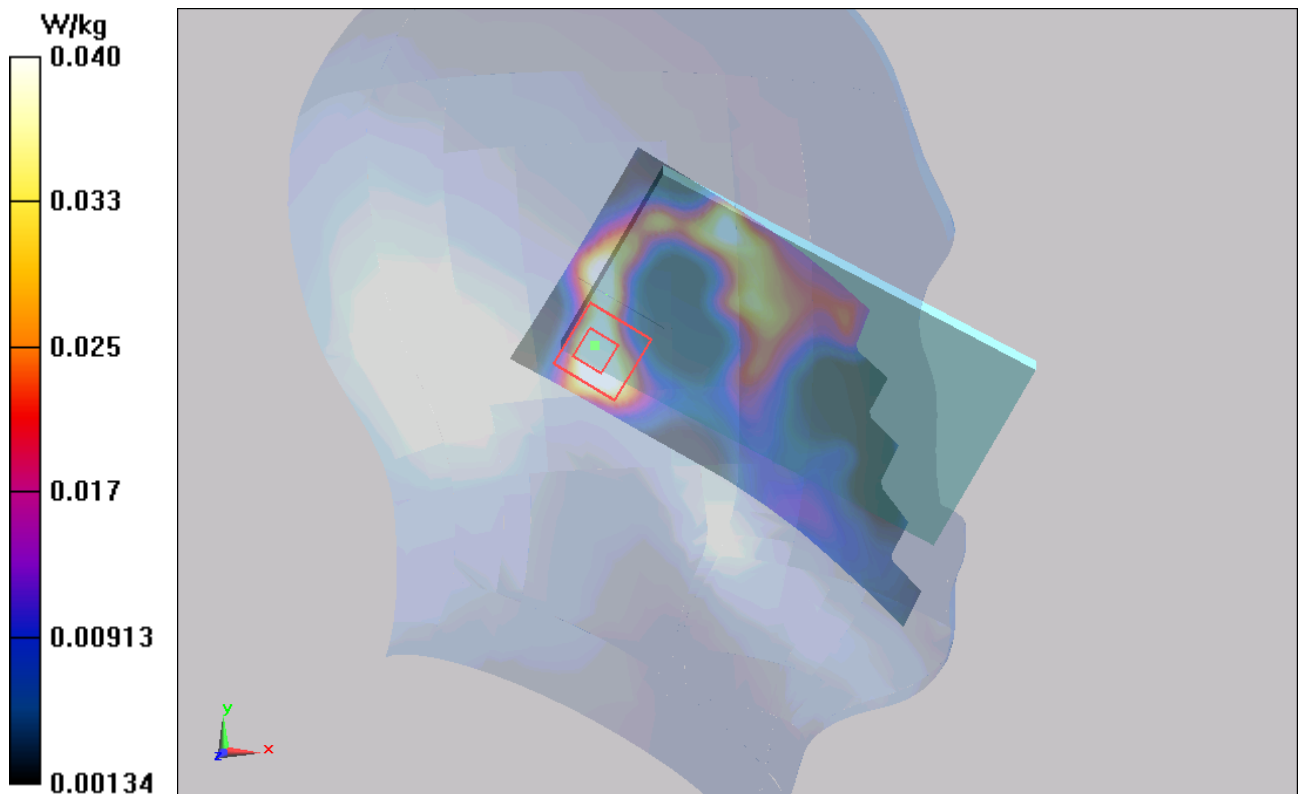


Figure 260 Left Hand Tilt 15° LTE Band 7 1RB Channel 21100

LTE Band 7 1RB Left Tilt Low

Date/Time: 3/4/2014 4:31:37 AM

Communication System:LTE (0); Frequency: 2510 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 1.889$ S/m; $\epsilon_r = 38.958$; $\rho = 1000$ 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 - SN3816; ConvF(7.26, 7.26, 7.26); Calibrated: 6/4/2013;

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) = 0.0530 W/kg

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

Reference Value = 4.284 V/m; Power Drift = 0.092 dB

Peak SAR (extrapolated) = 0.0660 W/kg

SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.0426 W/kg

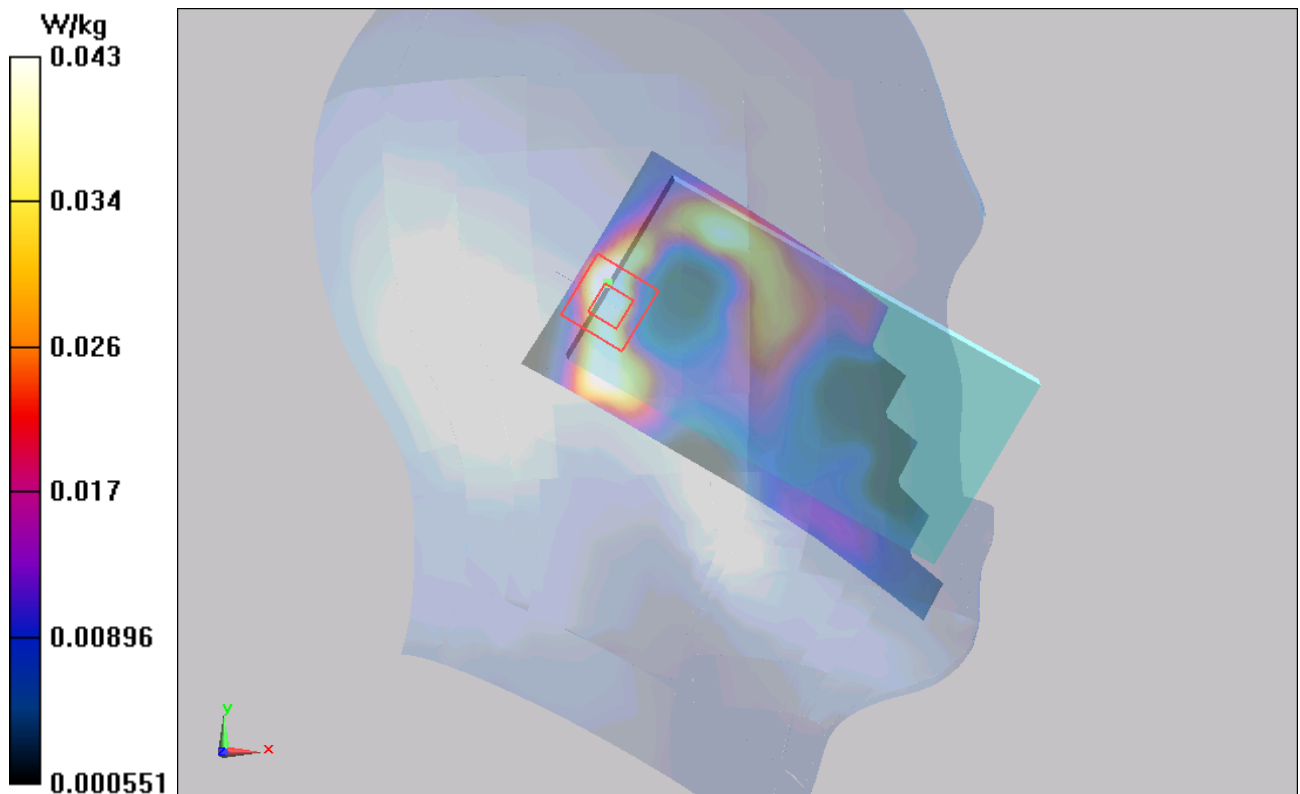


Figure 261 Left Hand Tilt 15° LTE Band 7 1RB Channel 20850

LTE Band 7 1RB Right Cheek High

Date/Time: 3/4/2014 5:56:46 AM

Communication System:LTE (0); Frequency: 2560 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.941$ S/m; $\epsilon_r = 38.761$; $\rho = 1000$ 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 - SN3816; ConvF(7.26, 7.26, 7.26); Calibrated: 6/4/2013;

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) = 0.257 W/kg

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

Reference Value = 2.673 V/m; Power Drift = 0.138 dB

Peak SAR (extrapolated) = 0.435 W/kg

SAR(1 g) = 0.230 W/kg; SAR(10 g) = 0.122 W/kg

Maximum value of SAR (measured) = 0.231 W/kg

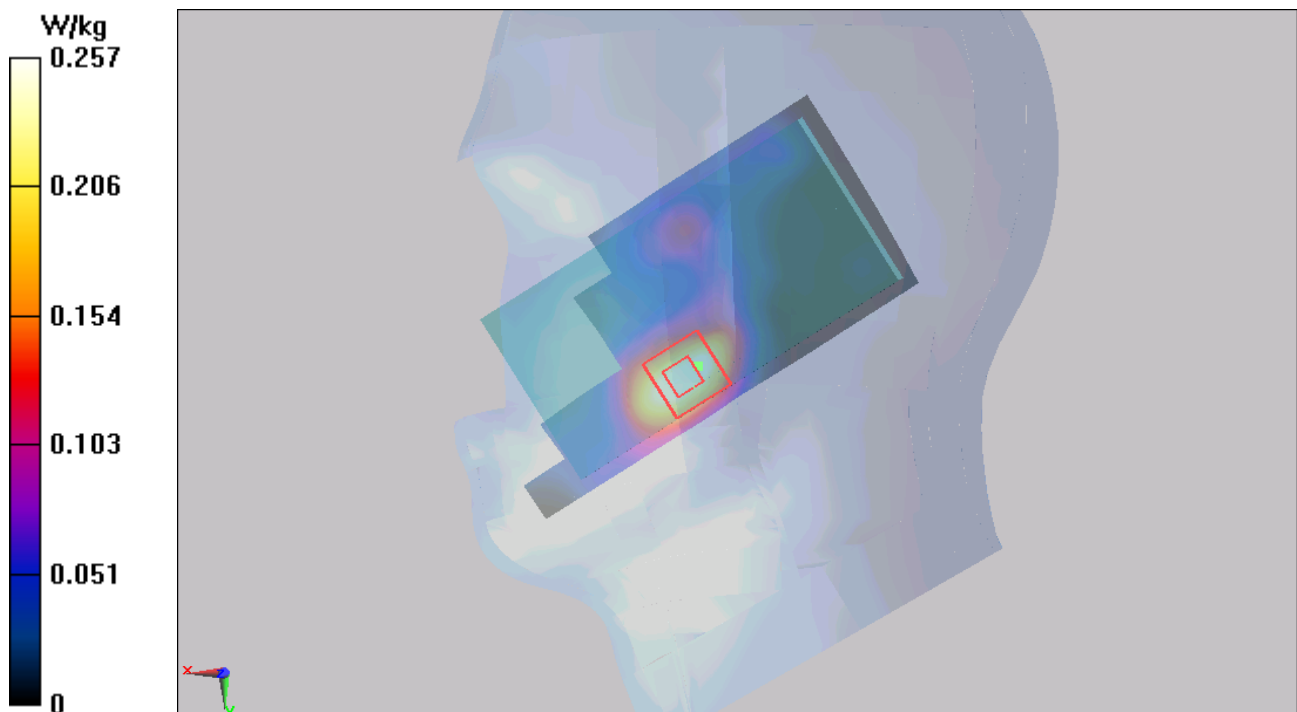


Figure 262 Right Hand Touch Cheek LTE Band 7 1RB Channel 21350

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LTE Band 7 1RB Right Cheek Middle

Date/Time: 3/4/2014 6:37:44 AM

Communication System:LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.915$ S/m; $\epsilon_r = 38.869$; $\rho = 1000$ 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 - SN3816; ConvF(7.26, 7.26, 7.26); Calibrated: 6/4/2013;

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) = 0.270 W/kg

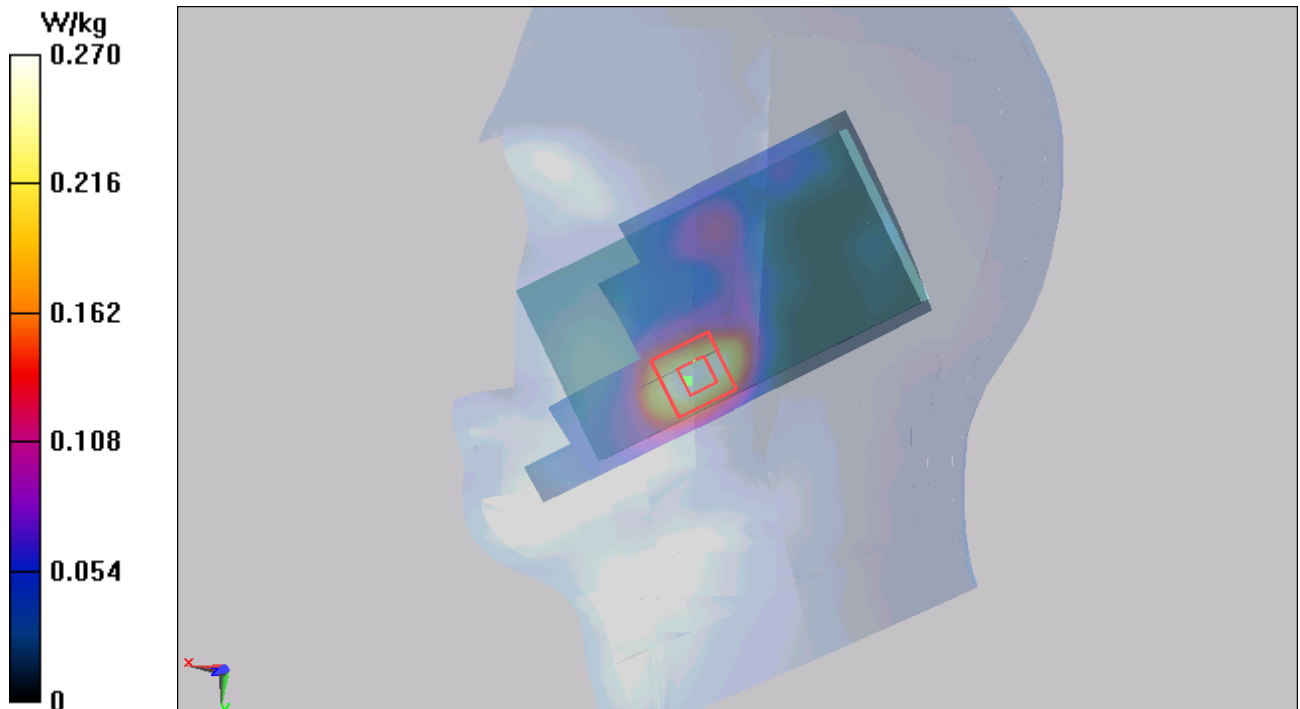
Right Cheek Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.770 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 0.419 W/kg

SAR(1 g) = 0.230 W/kg; SAR(10 g) = 0.123 W/kg

Maximum value of SAR (measured) = 0.225 W/kg



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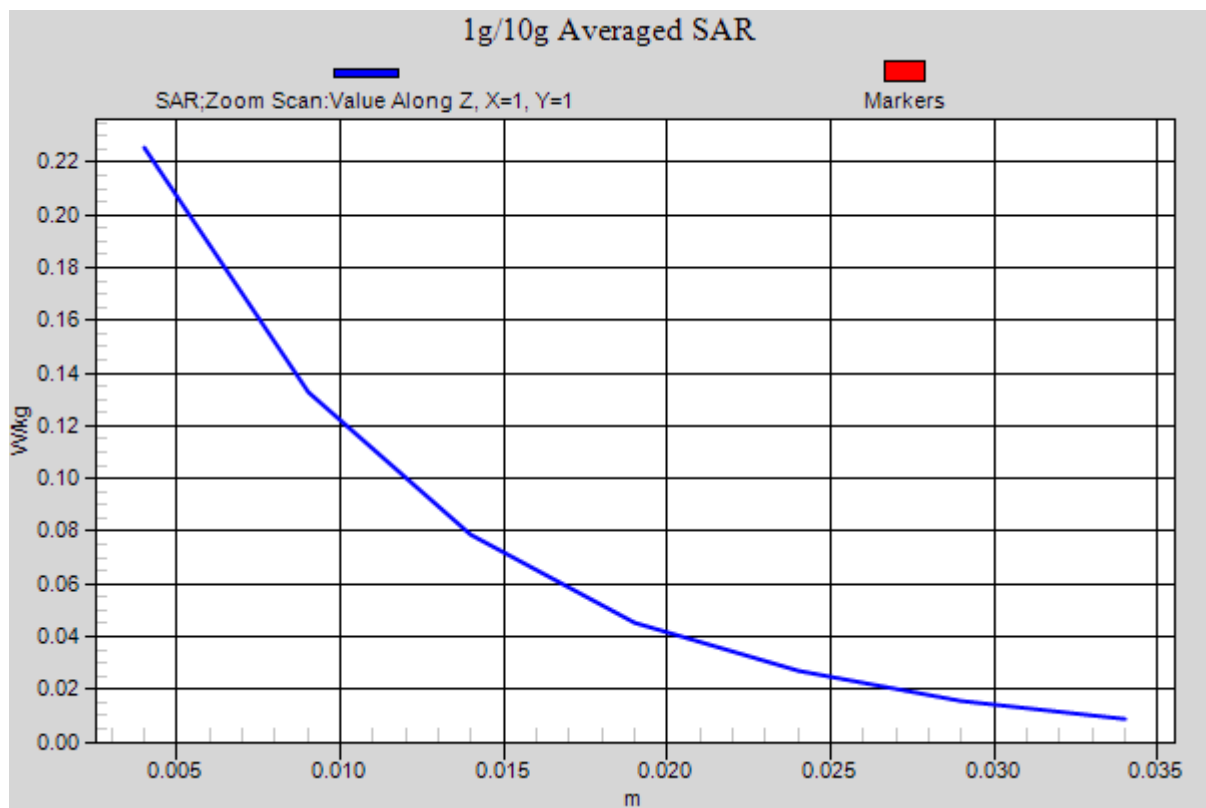


Figure 263 Right Hand Touch Cheek LTE Band 7 1RB Channel 21100

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LTE Band 7 1RB Right Cheek Low

Date/Time: 3/4/2014 6:50:09 AM

Communication System:LTE (0); Frequency: 2510 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 1.889$ S/m; $\epsilon_r = 38.958$; $\rho = 1000$ 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 - SN3816; ConvF(7.26, 7.26, 7.26); Calibrated: 6/4/2013;

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) = 0.265 W/kg

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

Reference Value = 3.018 V/m; Power Drift = 0.192 dB

Peak SAR (extrapolated) = 0.391 W/kg

SAR(1 g) = 0.219 W/kg; SAR(10 g) = 0.118 W/kg

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

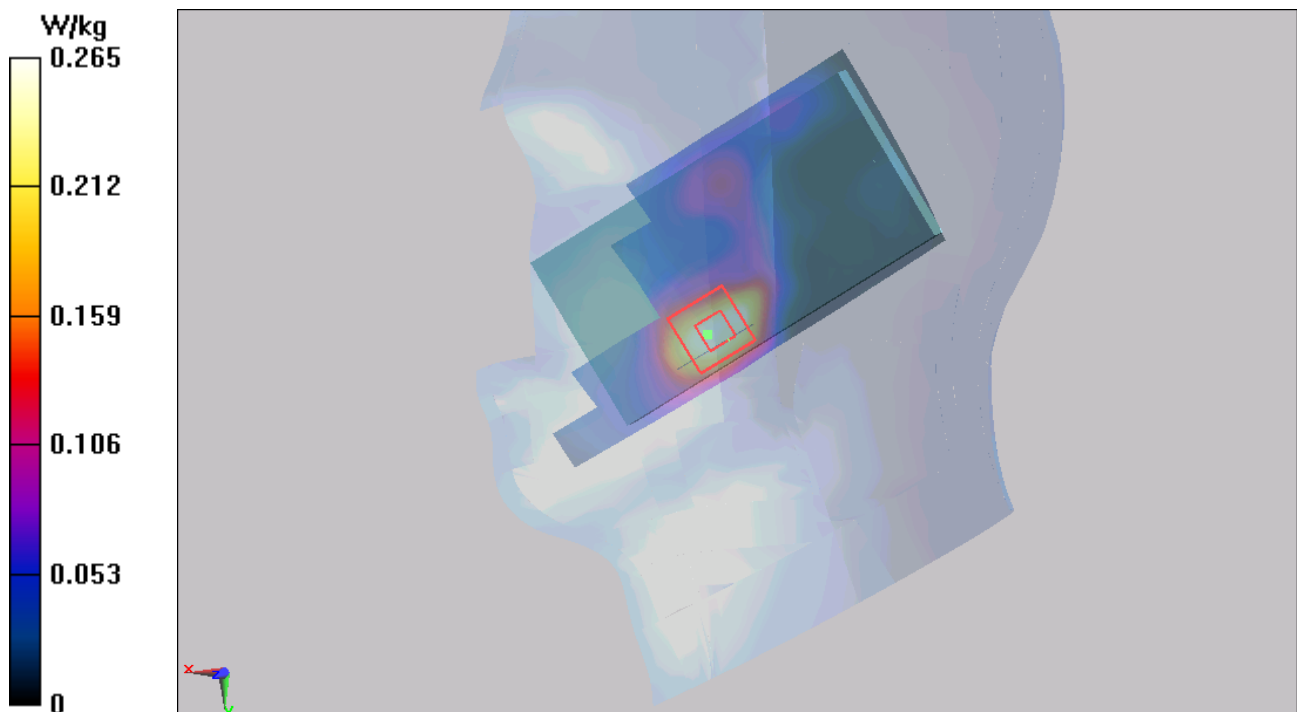


Figure 264 Right Hand Touch Cheek LTE Band 7 1RB Channel 20850

LTE Band 7 1RB Right Tilt High

Date/Time: 3/4/2014 9:06:25 AM

Communication System:LTE (0); Frequency: 2560 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.941$ S/m; $\epsilon_r = 38.761$; $\rho = 1000$ 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 - SN3816; ConvF(7.26, 7.26, 7.26); Calibrated: 6/4/2013;

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) = 0.115 W/kg

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

Reference Value = 4.207 V/m; Power Drift = 0.098 dB

Peak SAR (extrapolated) = 0.144 W/kg

SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.040 W/kg

Maximum value of SAR (measured) = 0.0836 W/kg

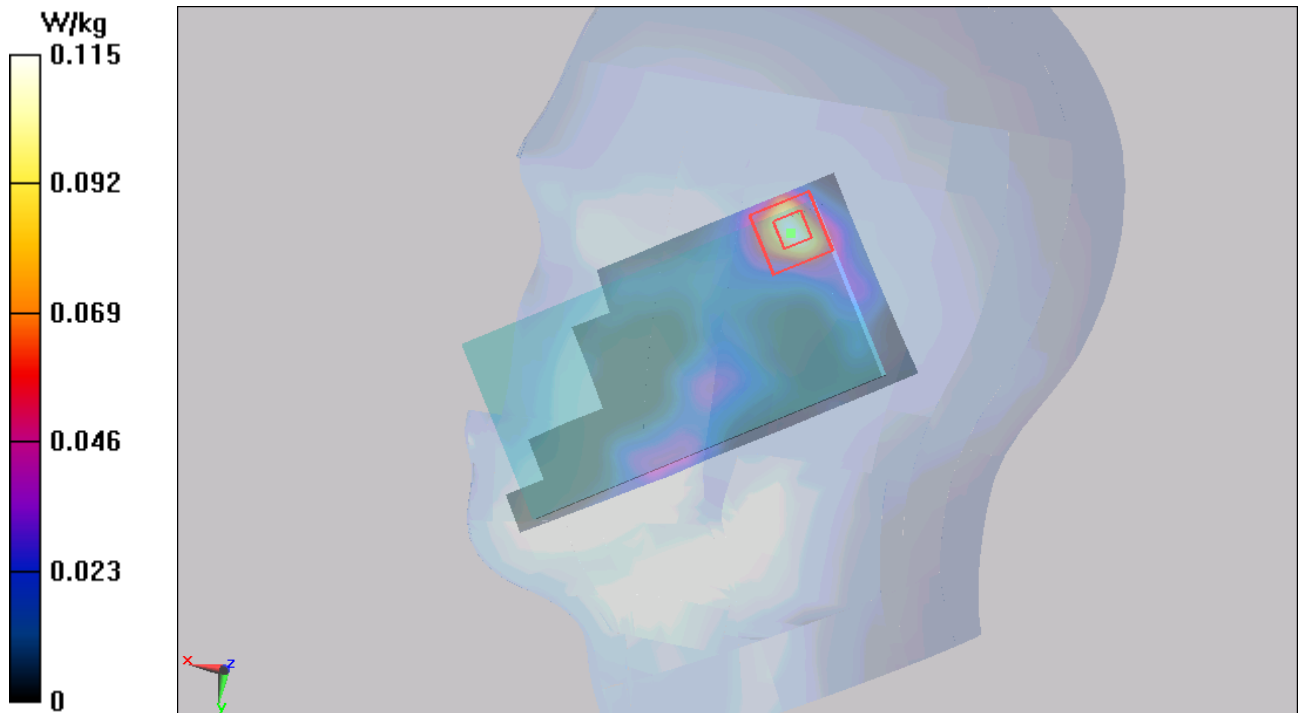


Figure 265 Right Hand Tilt 15° LTE Band 7 1RB Channel 21350

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LTE Band 7 1RB Right Tilt Middle

Date/Time: 3/4/2014 9:18:59 AM

Communication System: LTE (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.915$ S/m; $\epsilon_r = 38.869$; $\rho = 1000$ 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 - SN3816; ConvF(7.26, 7.26, 7.26); Calibrated: 6/4/2013;

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) = 0.126 W/kg

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

Reference Value = 4.658 V/m; Power Drift = 0.078 dB

Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.0868 W/kg

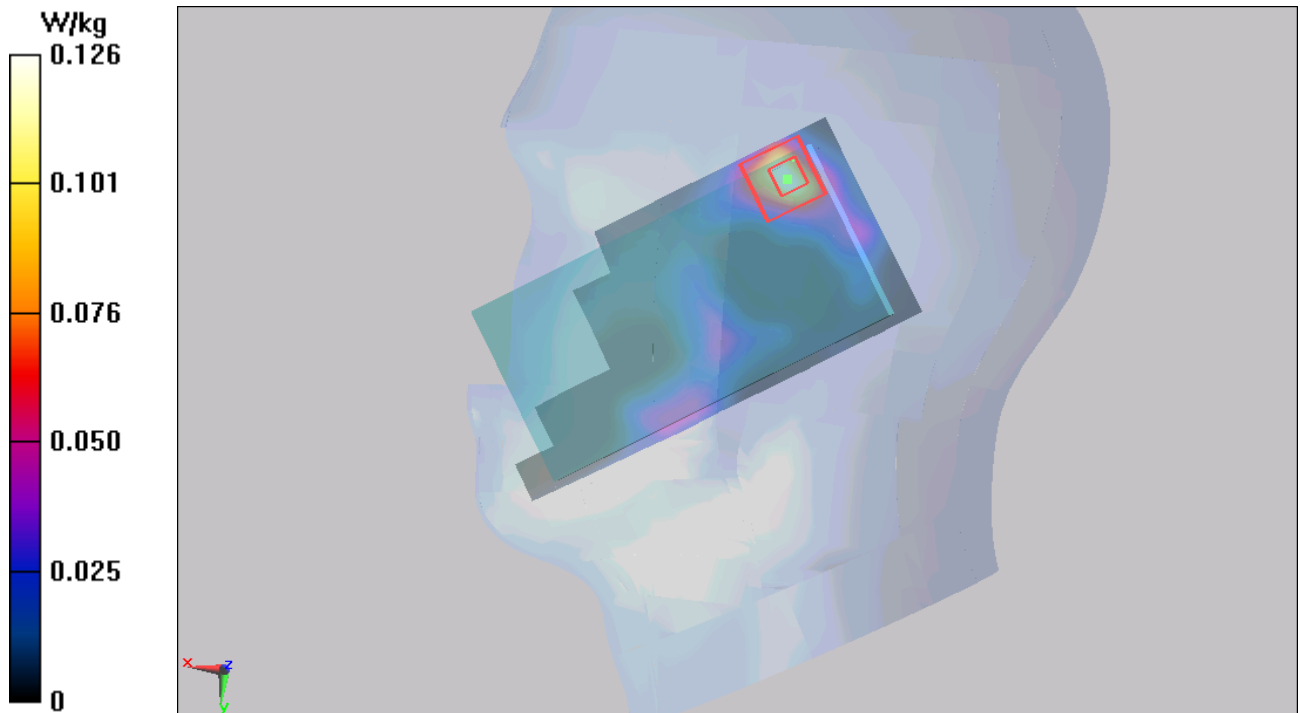


Figure 266 Right Hand Tilt 15° LTE Band 7 1RB Channel 21100

LTE Band 7 1RB Right Tilt Low

Date/Time: 3/4/2014 7:32:56 AM

Communication System: LTE (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 1.889$ S/m; $\epsilon_r = 38.958$; $\rho = 1000$ 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 - SN3816; ConvF(7.26, 7.26, 7.26); Calibrated: 6/4/2013;

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) = 0.128 W/kg

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

Reference Value = 4.646 V/m; Power Drift = 0.068 dB

Peak SAR (extrapolated) = 0.202 W/kg

SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.044 W/kg

Maximum value of SAR (measured) = 0.0996 W/kg

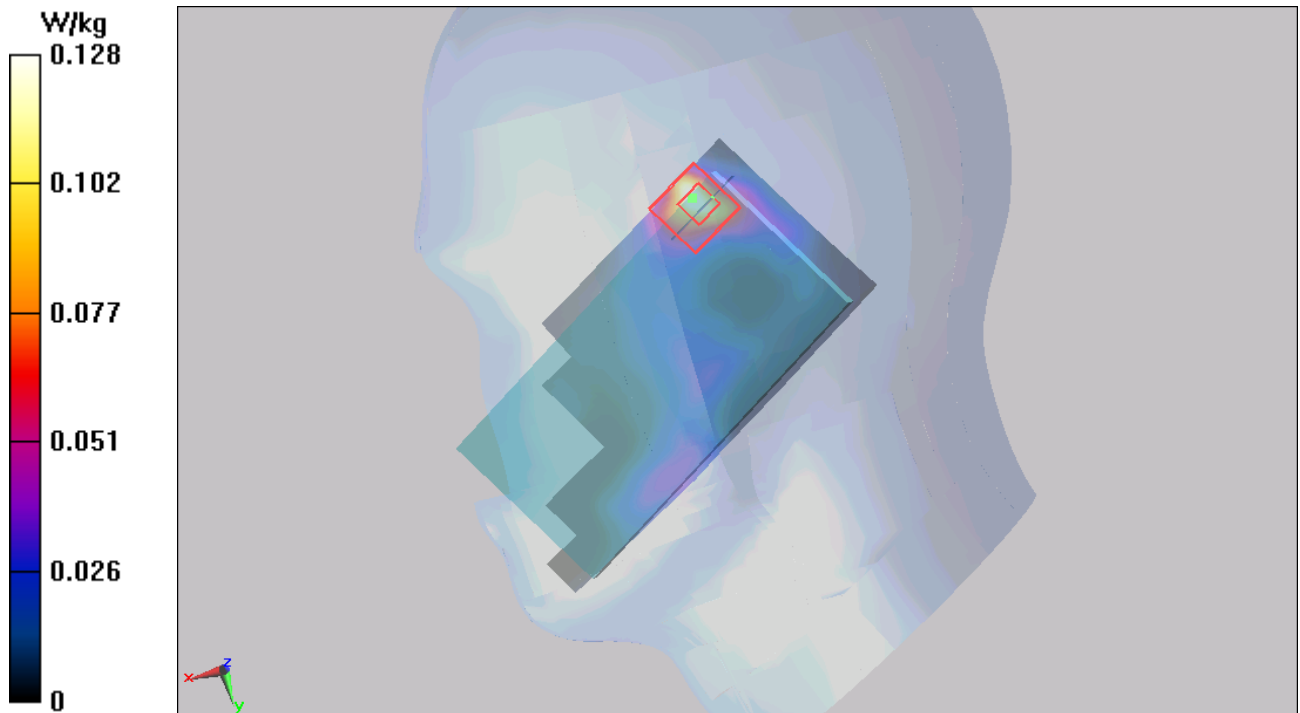


Figure 267 Right Hand Tilt 15° LTE Band 7 1RB Channel 20850

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LTE Band 7 1RB Right Cheek Middle (Battery 2)

Date/Time: 3/4/2014 10:19:38 AM

Communication System:LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.915$ S/m; $\epsilon_r = 38.869$; $\rho = 1000$ 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 - SN3816; ConvF(7.26, 7.26, 7.26); Calibrated: 6/4/2013;

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) = 0.237 W/kg

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

Reference Value = 2.761 V/m; Power Drift = 0.021 dB

Peak SAR (extrapolated) = 0.370 W/kg

SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.110 W/kg

Maximum value of SAR (measured) = 0.202 W/kg

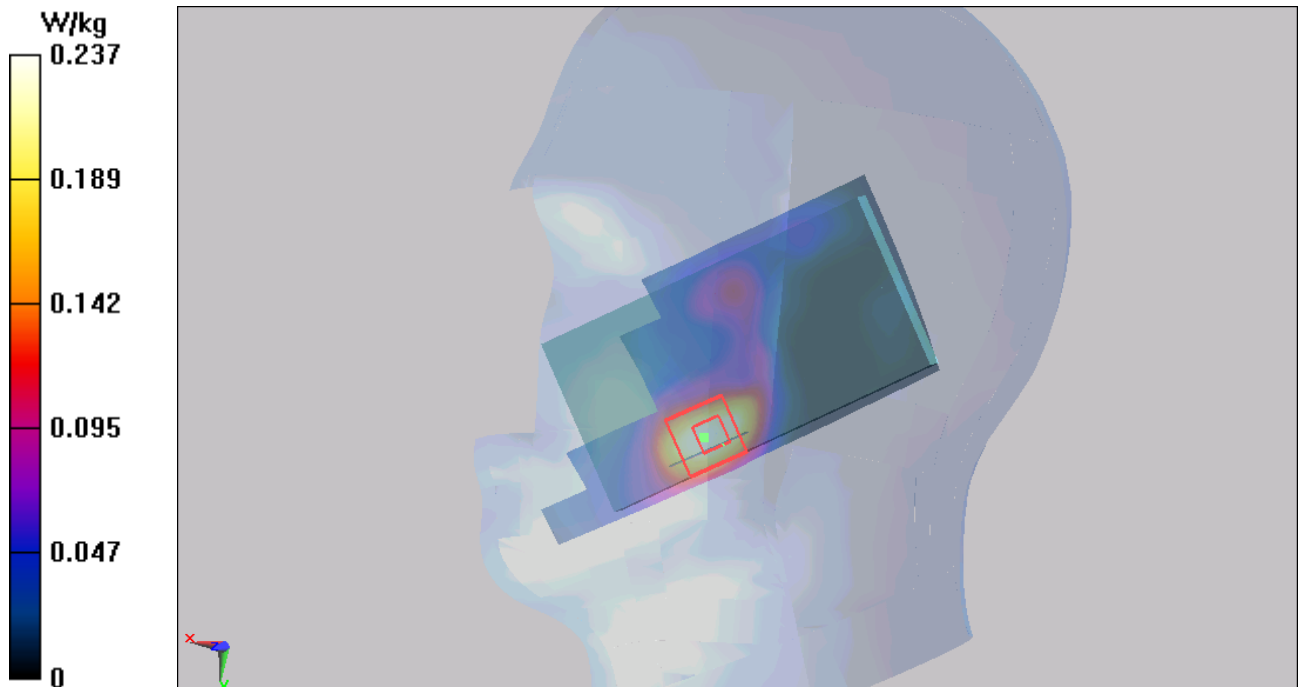


Figure 268 Right Hand Touch Cheek LTE Band 7 1RB Channel 21100

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LTE Band 7 1RB Back Side High

Date/Time: 3/2/2014 10:16:57 AM

Communication System: LTE (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 2.151$ S/m; $\epsilon_r = 52.442$; $\rho = 1000$ 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 - SN3816; ConvF(7.82, 7.82, 7.82); Calibrated: 6/4/2013;

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) = 0.535 W/kg

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

Reference Value = 6.019 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.591 W/kg; SAR(10 g) = 0.254 W/kg

Maximum value of SAR (measured) = 0.652 W/kg

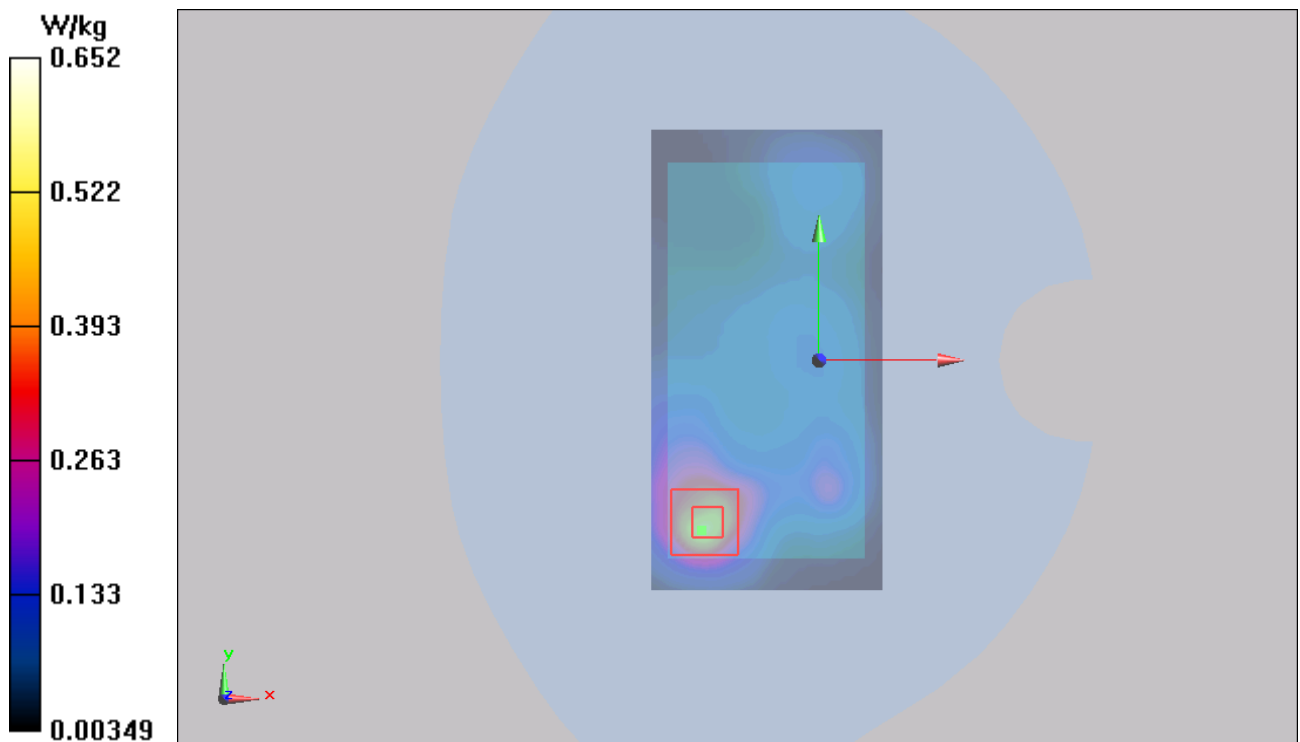


Figure 269 Body, Back Side, LTE Band 7 1RB Channel 21350

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LTE Band 7 1RB Back Side Middle

Date/Time: 3/2/2014 9:58:41 AM

Communication System:LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.121$ S/m; $\epsilon_r = 52.544$; $\rho = 1000$ 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 - SN3816; ConvF(7.82, 7.82, 7.82); Calibrated: 6/4/2013;

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) = 0.633 W/kg

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

Reference Value = 6.340 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.651 W/kg; SAR(10 g) = 0.284 W/kg

Maximum value of SAR (measured) = 0.761 W/kg

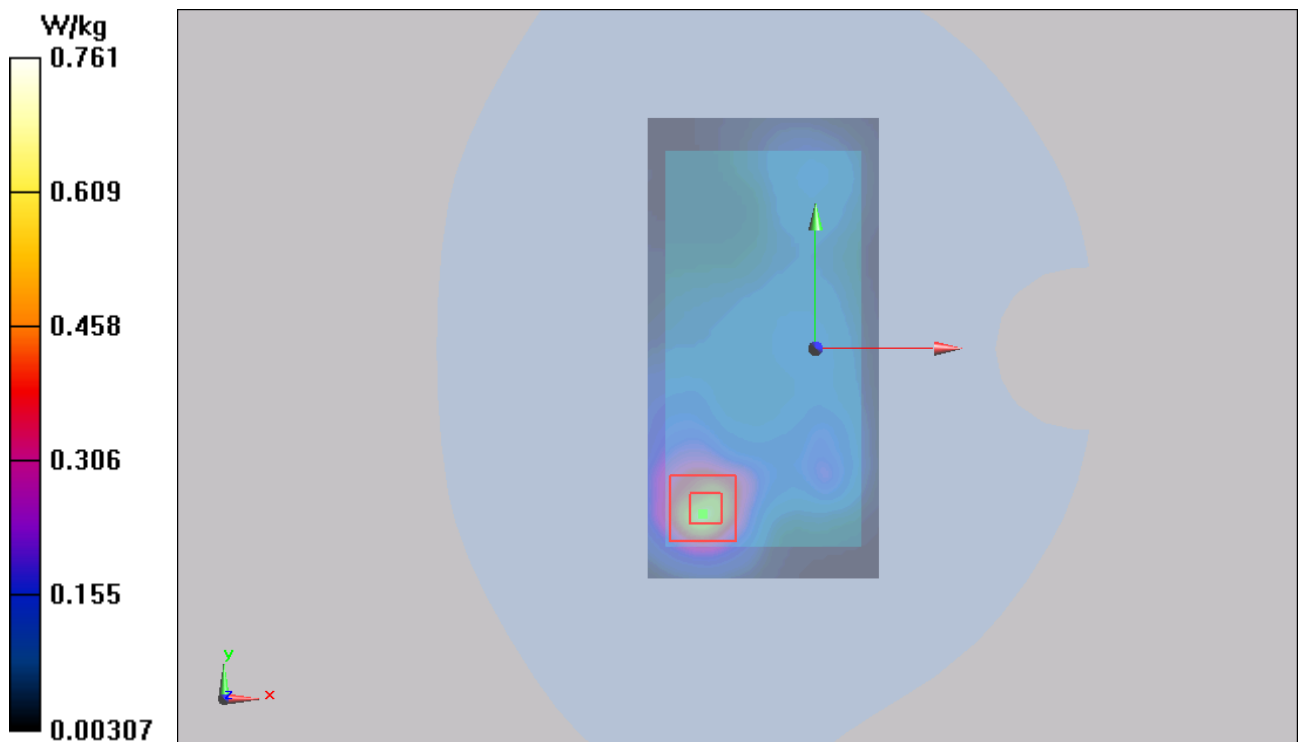


Figure 270 Body, Back Side, LTE Band 7 1RB Channel 21100

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LTE Band 7 1RB Back Side Low

Date/Time: 3/2/2014 10:33:04 AM

Communication System:LTE (0); Frequency: 2510 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 2.093$ S/m; $\epsilon_r = 52.611$; $\rho = 1000$ 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 - SN3816; ConvF(7.82, 7.82, 7.82); Calibrated: 6/4/2013;

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) = 0.691 W/kg

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

Reference Value = 6.403 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.701 W/kg; SAR(10 g) = 0.308 W/kg

Maximum value of SAR (measured) = 0.809 W/kg

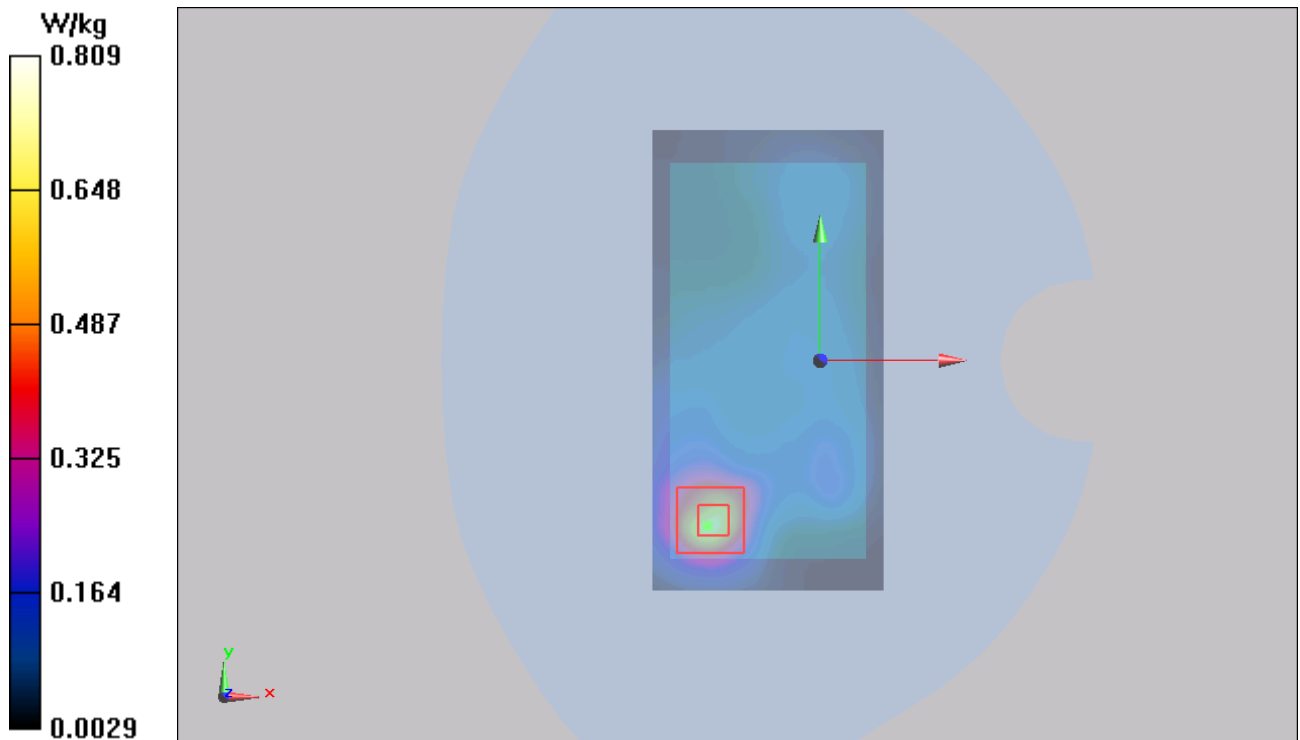


Figure 271 Body, Back Side, LTE Band 7 1RB Channel 20850

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LTE Band 7 1RB Front Side Middle

Date/Time: 3/2/2014 7:06:26 AM

Communication System:LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.121$ S/m; $\epsilon_r = 52.544$; $\rho = 1000$ 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 - SN3816; ConvF(7.82, 7.82, 7.82); Calibrated: 6/4/2013;

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) = 0.308 W/kg

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

Reference Value = 6.293 V/m; Power Drift = 0.027 dB

Peak SAR (extrapolated) = 0.520 W/kg

SAR(1 g) = 0.268 W/kg; SAR(10 g) = 0.132 W/kg

Maximum value of SAR (measured) = 0.313 W/kg

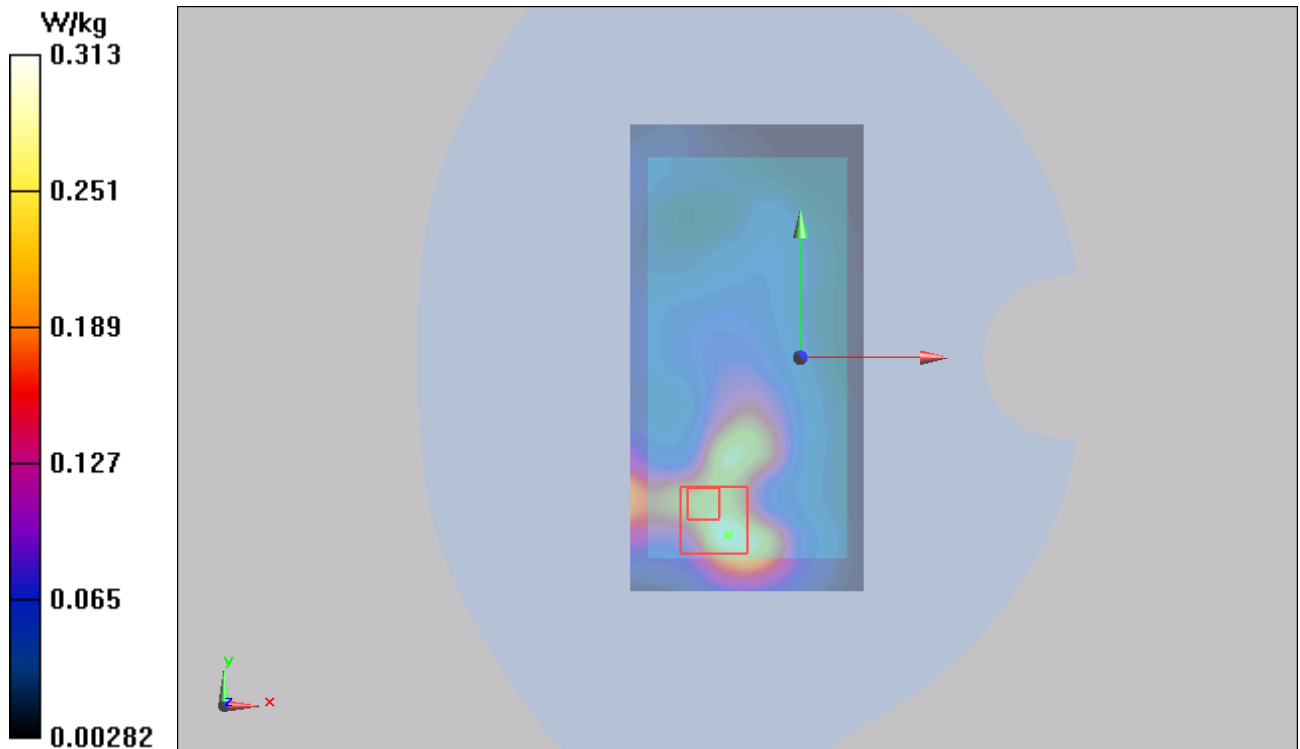


Figure 272 Body, Front Side, LTE Band 7 1RB Channel 21100

LTE Band 7 1RB Left Edge Middle

Date/Time: 3/2/2014 7:55:22 AM

Communication System:LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.121$ S/m; $\epsilon_r = 52.544$; $\rho = 1000$ 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 - SN3816; ConvF(7.82, 7.82, 7.82); Calibrated: 6/4/2013;

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) = 0.0617 W/kg

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

Reference Value = 5.472 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.105 W/kg

SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.031 W/kg

Maximum value of SAR (measured) = 0.0579 W/kg

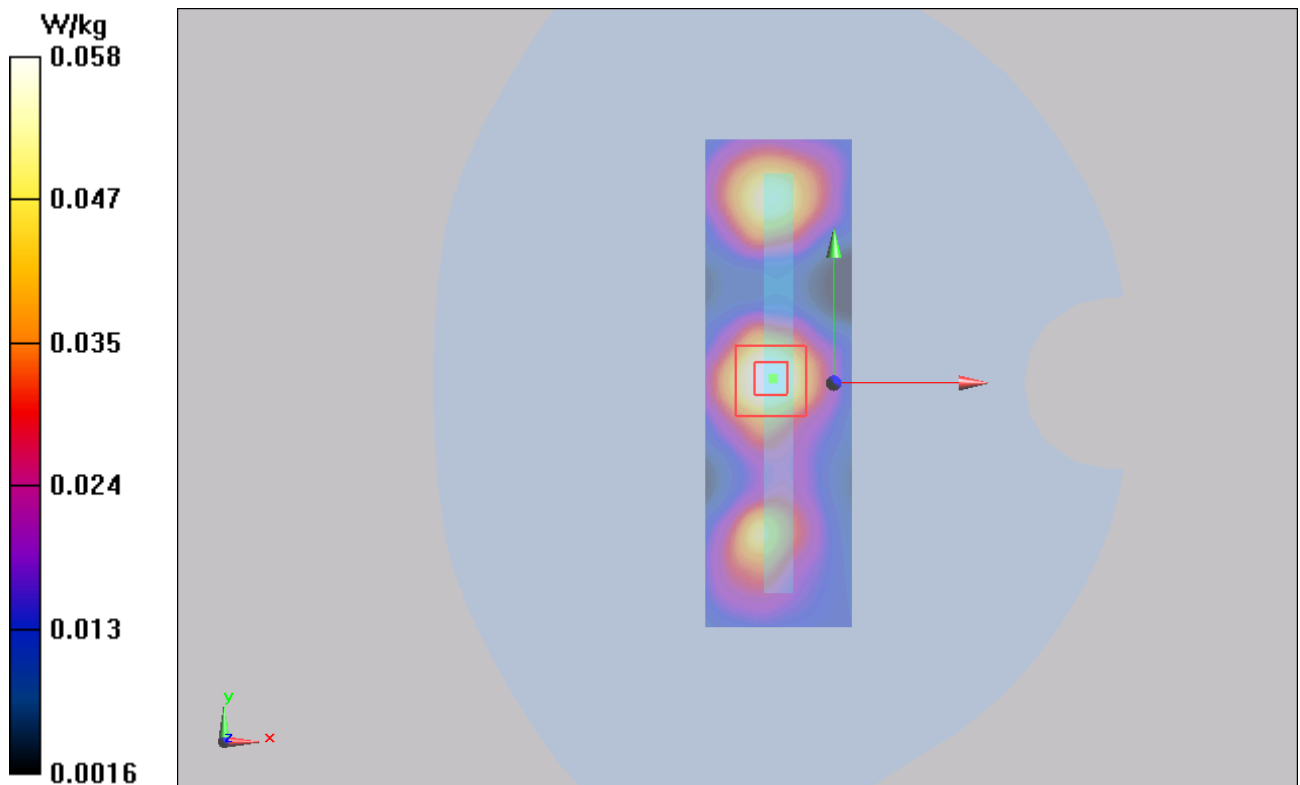


Figure 273 Body, Left Edge, LTE Band 7 1RB Channel 21100

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LTE Band 7 1RB Right Edge Middle

Date/Time: 3/2/2014 8:07:59 AM

Communication System:LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.121$ S/m; $\epsilon_r = 52.544$; $\rho = 1000$ 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 - SN3816; ConvF(7.82, 7.82, 7.82); Calibrated: 6/4/2013;

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) = 0.153 W/kg

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

Reference Value = 7.891 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.078 W/kg

Maximum value of SAR (measured) = 0.139 W/kg

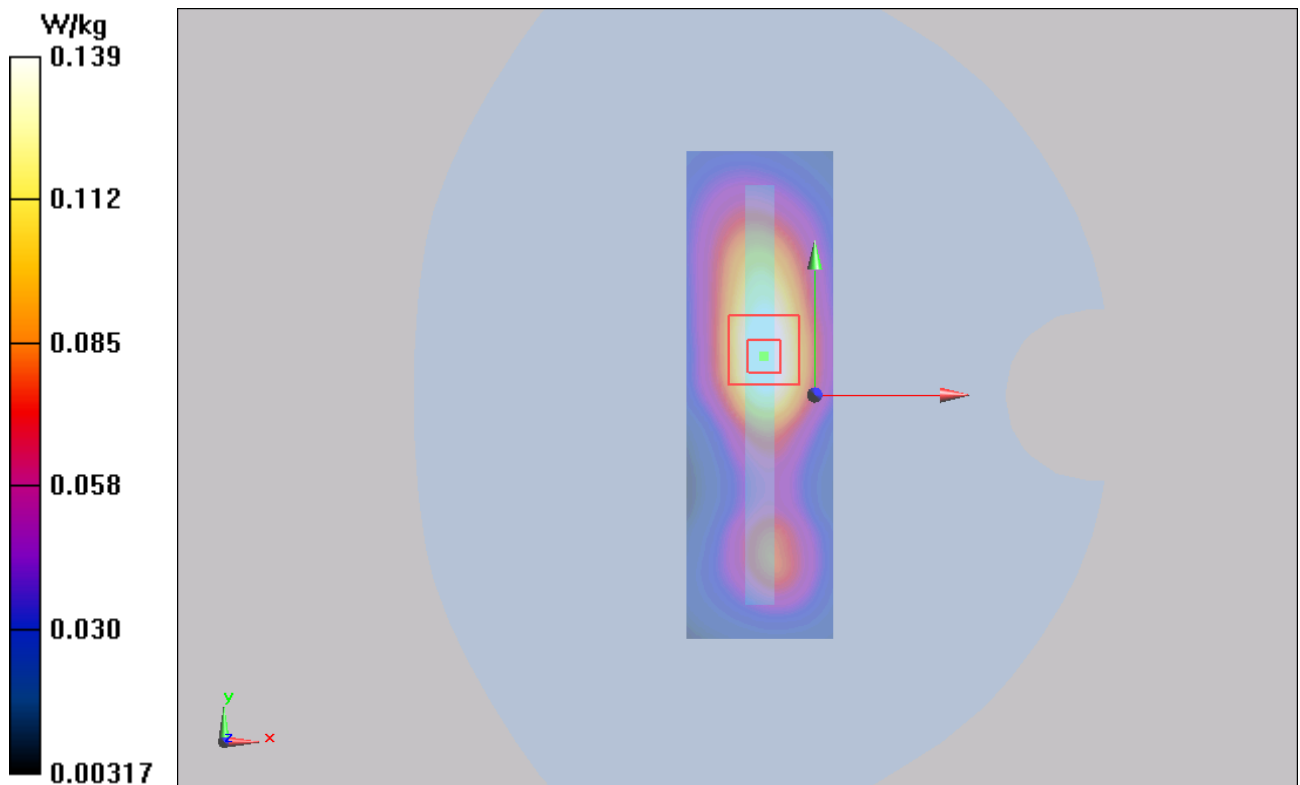


Figure 274 Body, Right Edge, LTE Band 7 1RB Channel 21100

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LTE Band 7 1RB Bottom Side Middle

Date/Time: 3/2/2014 8:51:15 AM

Communication System:LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.121$ S/m; $\epsilon_r = 52.544$; $\rho = 1000$ 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 - SN3816; ConvF(7.82, 7.82, 7.82); Calibrated: 6/4/2013;

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) = 0.454 W/kg

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

Reference Value = 10.222 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 0.867 W/kg

SAR(1 g) = 0.410 W/kg; SAR(10 g) = 0.181 W/kg

Maximum value of SAR (measured) = 0.356 W/kg

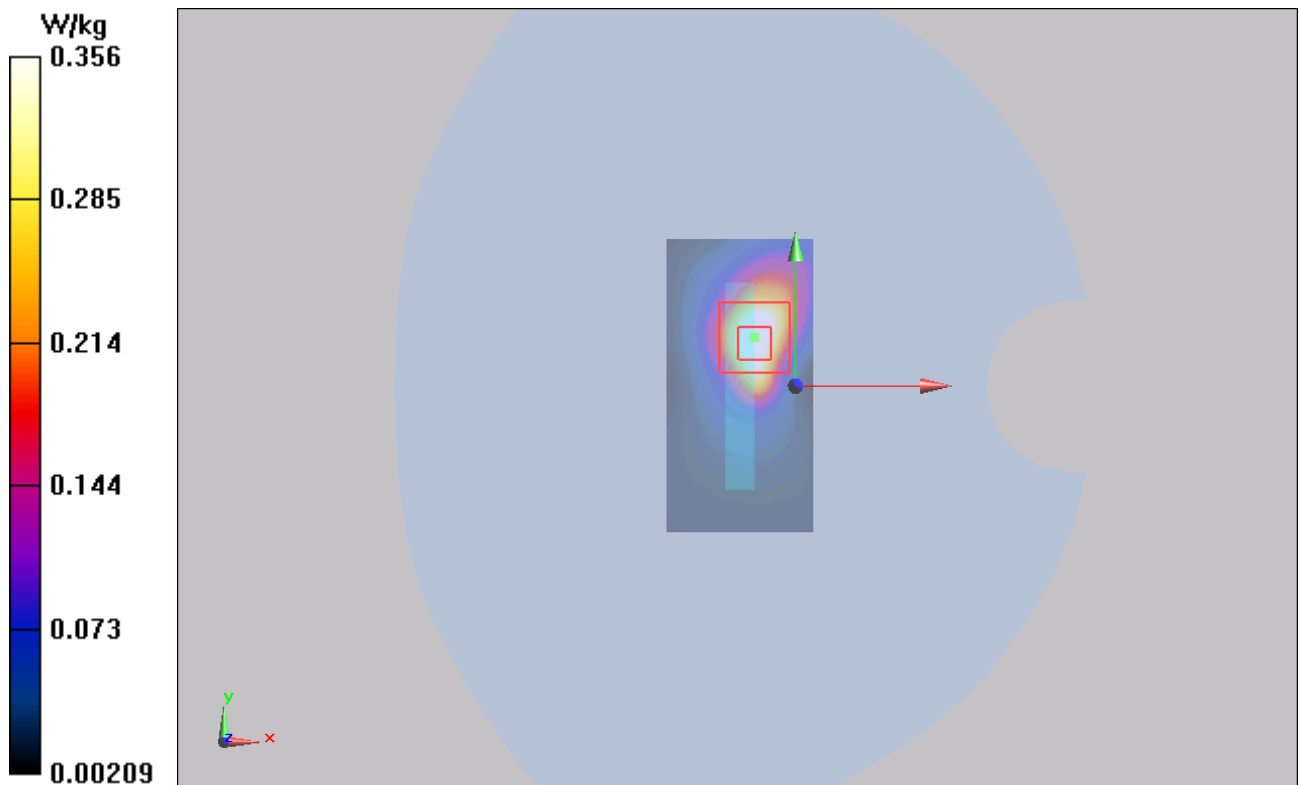


Figure 275 Body, Bottom Side, LTE Band 7 1RB Channel 21100

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LTE Band 7 1RB Back Side Low (Battery 2)

Date/Time: 3/2/2014 9:40:02 AM

Communication System:LTE (0); Frequency: 2510 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 2.093$ S/m; $\epsilon_r = 52.611$; $\rho = 1000$ 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 - SN3816; ConvF(7.82, 7.82, 7.82); Calibrated: 6/4/2013;

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) = 0.767 W/kg

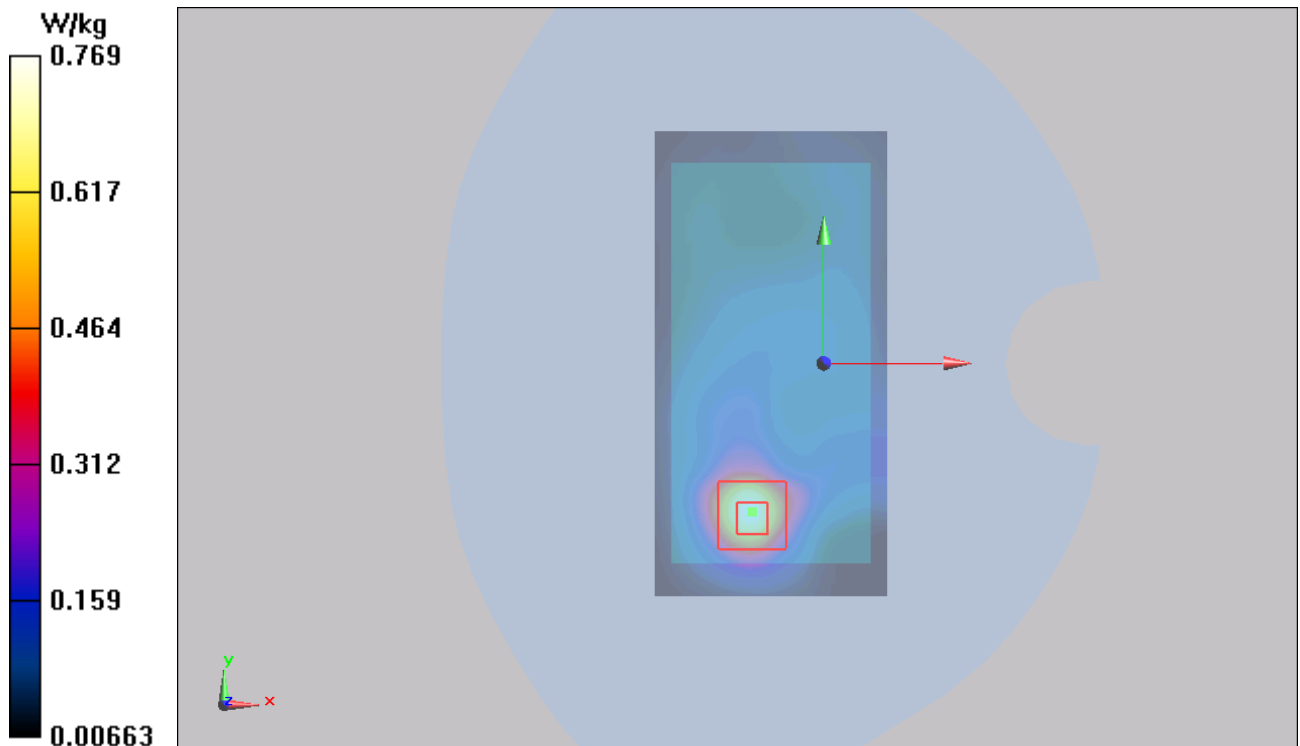
Back Side Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.795 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.764 W/kg; SAR(10 g) = 0.338 W/kg

Maximum value of SAR (measured) = 0.769 W/kg



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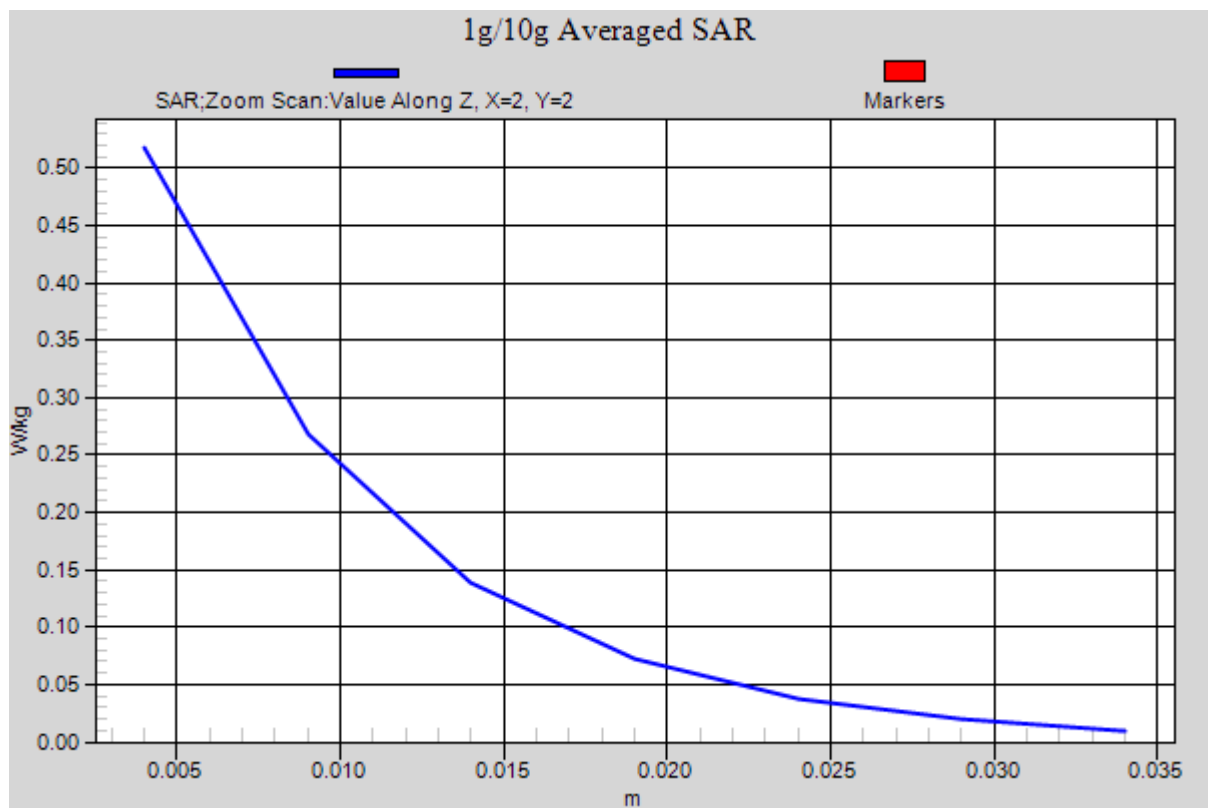


Figure 276 Body, Back Side, LTE Band 7 1RB Channel 20850

LTE Band 7 50%RB Left Cheek High

Date/Time: 3/4/2014 3:26:47 AM

Communication System:LTE (0); Frequency: 2560 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.941$ S/m; $\epsilon_r = 38.761$; $\rho = 1000$ 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 - SN3816; ConvF(7.26, 7.26, 7.26); Calibrated: 6/4/2013;

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) = 0.0887 W/kg

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

Reference Value = 1.921 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 0.133 W/kg

SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.034 W/kg

Maximum value of SAR (measured) = 0.0677 W/kg

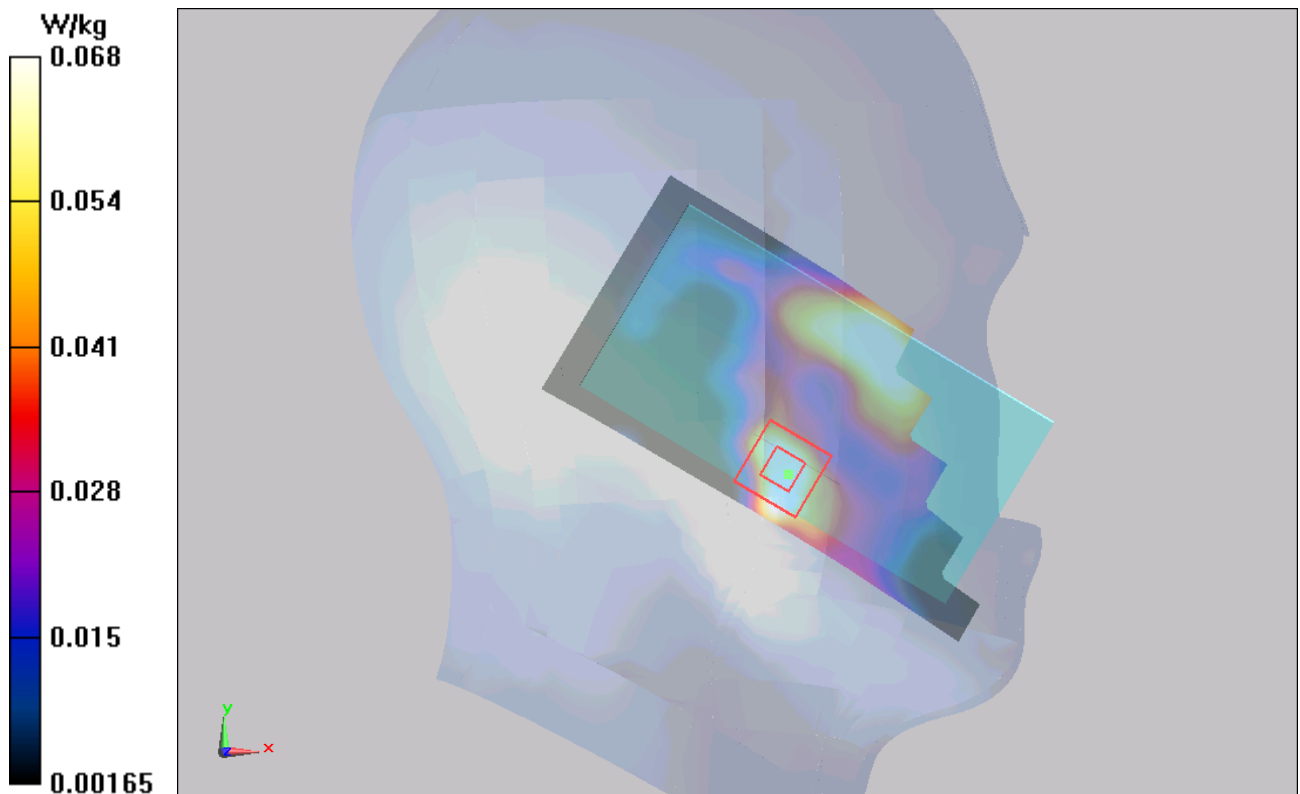


Figure 277 Left Hand Touch Cheek LTE Band 7 50%RB Channel 21350

LTE Band 7 50%RB Left Cheek Middle

Date/Time: 3/4/2014 3:13:56 AM

Communication System:LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.915$ S/m; $\epsilon_r = 38.869$; $\rho = 1000$ 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 - SN3816; ConvF(7.26, 7.26, 7.26); Calibrated: 6/4/2013;

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) = 0.111 W/kg

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

Reference Value = 2.431 V/m; Power Drift =0.162 dB

Peak SAR (extrapolated) = 0.157 W/kg

SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.042 W/kg

Maximum value of SAR (measured) = 0.0821 W/kg

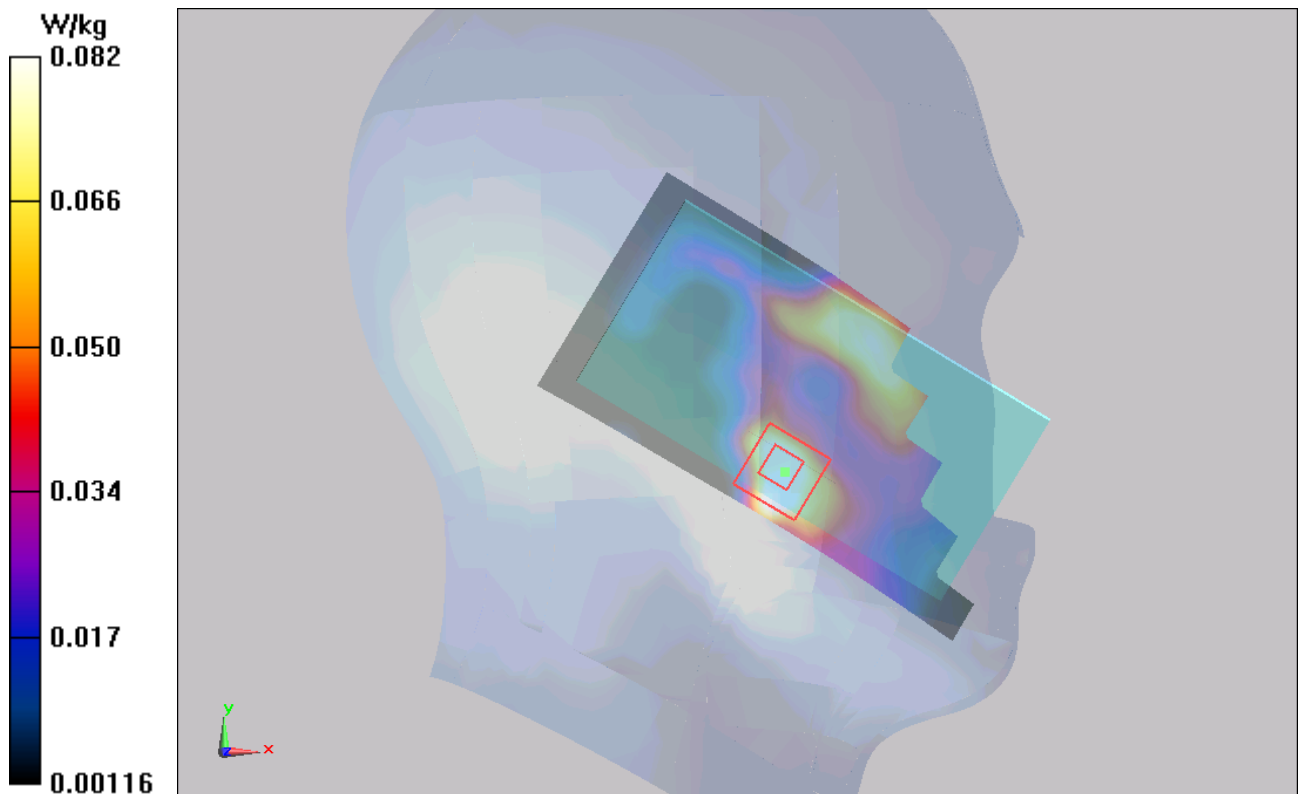


Figure 278 Left Hand Touch Cheek LTE Band 7 50%RB Channel 21100

LTE Band 7 50%RB Left Cheek Low

Date/Time: 3/4/2014 4:05:22 AM

Communication System:LTE (0); Frequency: 2510 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 1.889$ S/m; $\epsilon_r = 38.958$; $\rho = 1000$ 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 - SN3816; ConvF(7.26, 7.26, 7.26); Calibrated: 6/4/2013;

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) = 0.116 W/kg

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

Reference Value = 2.580 V/m; Power Drift = 0.021 dB

Peak SAR (extrapolated) = 0.172 W/kg

SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.044 W/kg

Maximum value of SAR (measured) = 0.0872 W/kg

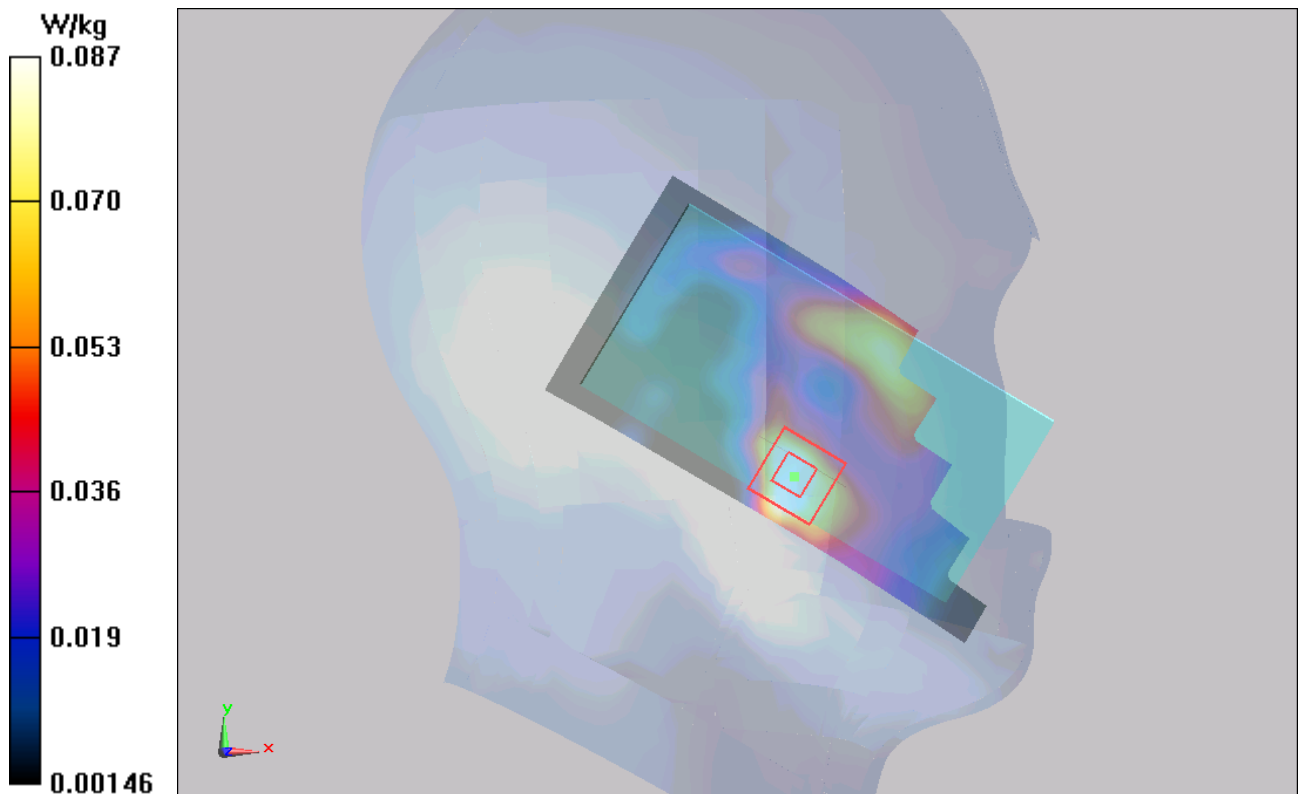


Figure 279 Left Hand Touch Cheek LTE Band 7 50%RB Channel 20850

LTE Band 7 50%RB Left Tilt High

Date/Time: 3/4/2014 5:27:37 AM

Communication System:LTE (0); Frequency: 2560 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.941$ S/m; $\epsilon_r = 38.761$; $\rho = 1000$ 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 - SN3816; ConvF(7.26, 7.26, 7.26); Calibrated: 6/4/2013;

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) = 0.0337 W/kg

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

Reference Value = 2.604 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 0.0300 W/kg

SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.00961 W/kg

Maximum value of SAR (measured) = 0.0208 W/kg

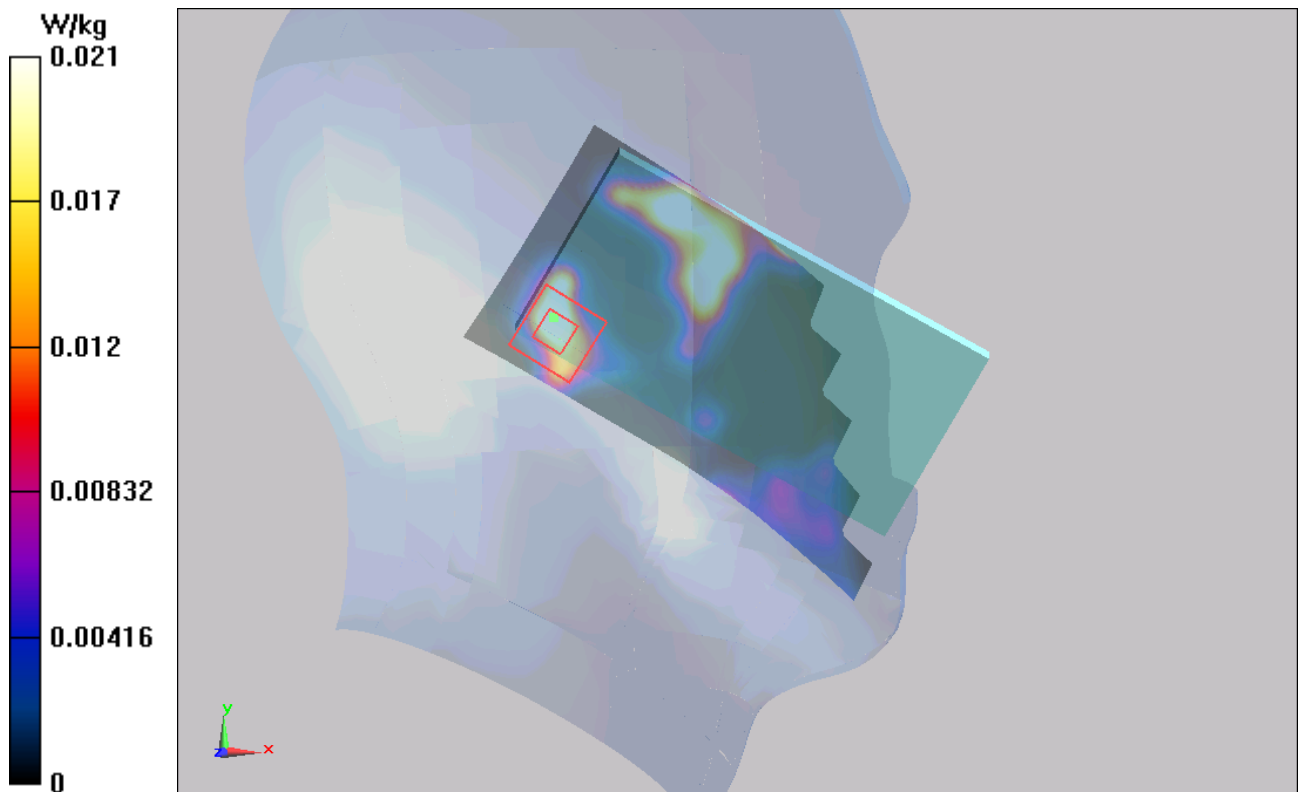


Figure 280 Left Hand Tilt 15° LTE Band 7 50%RB Channel 21350

LTE Band 7 50%RB Left Tilt Middle

Date/Time: 3/4/2014 5:14:22 AM

Communication System:LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.915$ S/m; $\epsilon_r = 38.869$; $\rho = 1000$ 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 - SN3816; ConvF(7.26, 7.26, 7.26); Calibrated: 6/4/2013;

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) = 0.0343 W/kg

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

Reference Value = 3.726 V/m; Power Drift = 0.026 dB

Peak SAR (extrapolated) = 0.0410 W/kg

SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.0082 W/kg

Maximum value of SAR (measured) = 0.0229 W/kg

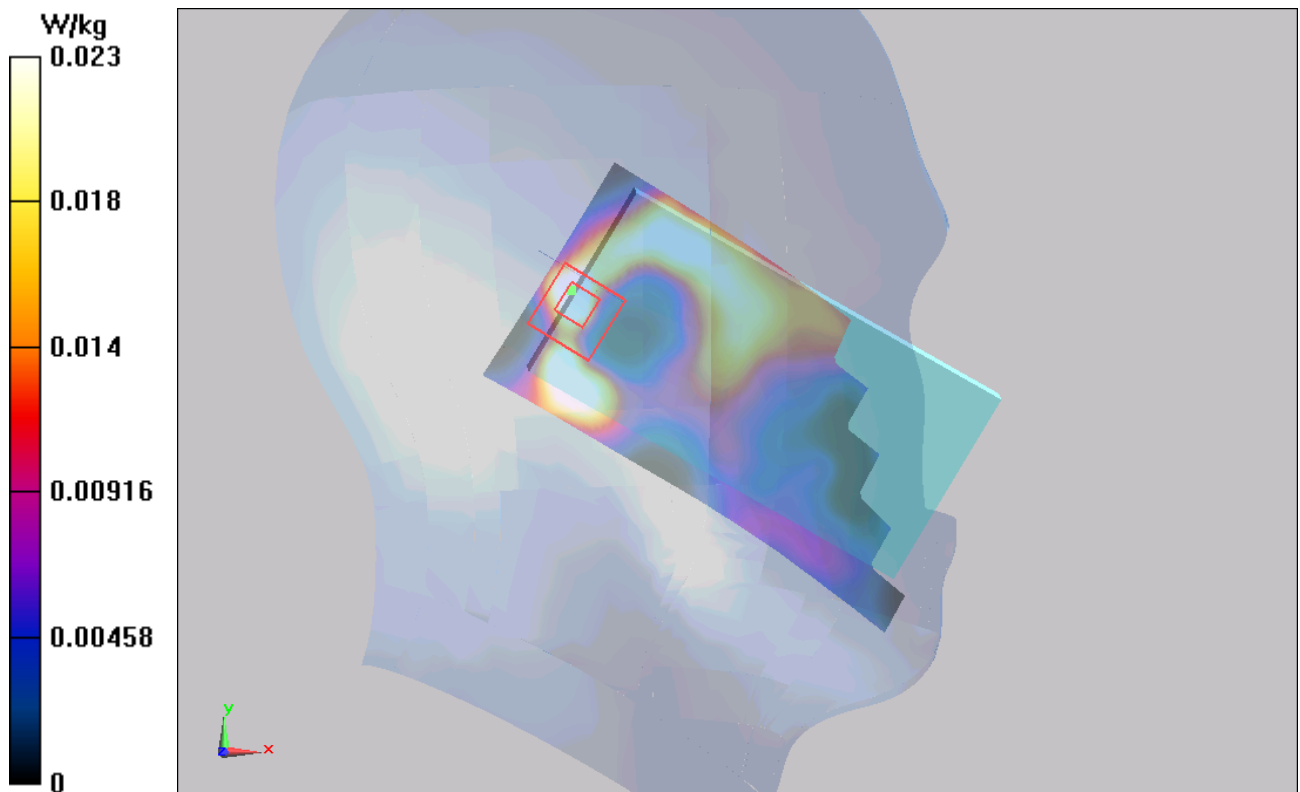


Figure 281 Left Hand Tilt 15° LTE Band 7 50%RB Channel 21100

LTE Band 7 50%RB Left Tilt Low

Date/Time: 3/4/2014 4:18:33 AM

Communication System:LTE (0); Frequency: 2510 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 1.889$ S/m; $\epsilon_r = 38.958$; $\rho = 1000$ 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 - SN3816; ConvF(7.26, 7.26, 7.26); Calibrated: 6/4/2013;

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) = 0.0498 W/kg

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

Reference Value = 3.661 V/m; Power Drift = 0.118 dB

Peak SAR (extrapolated) = 0.137 W/kg

SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.0314 W/kg

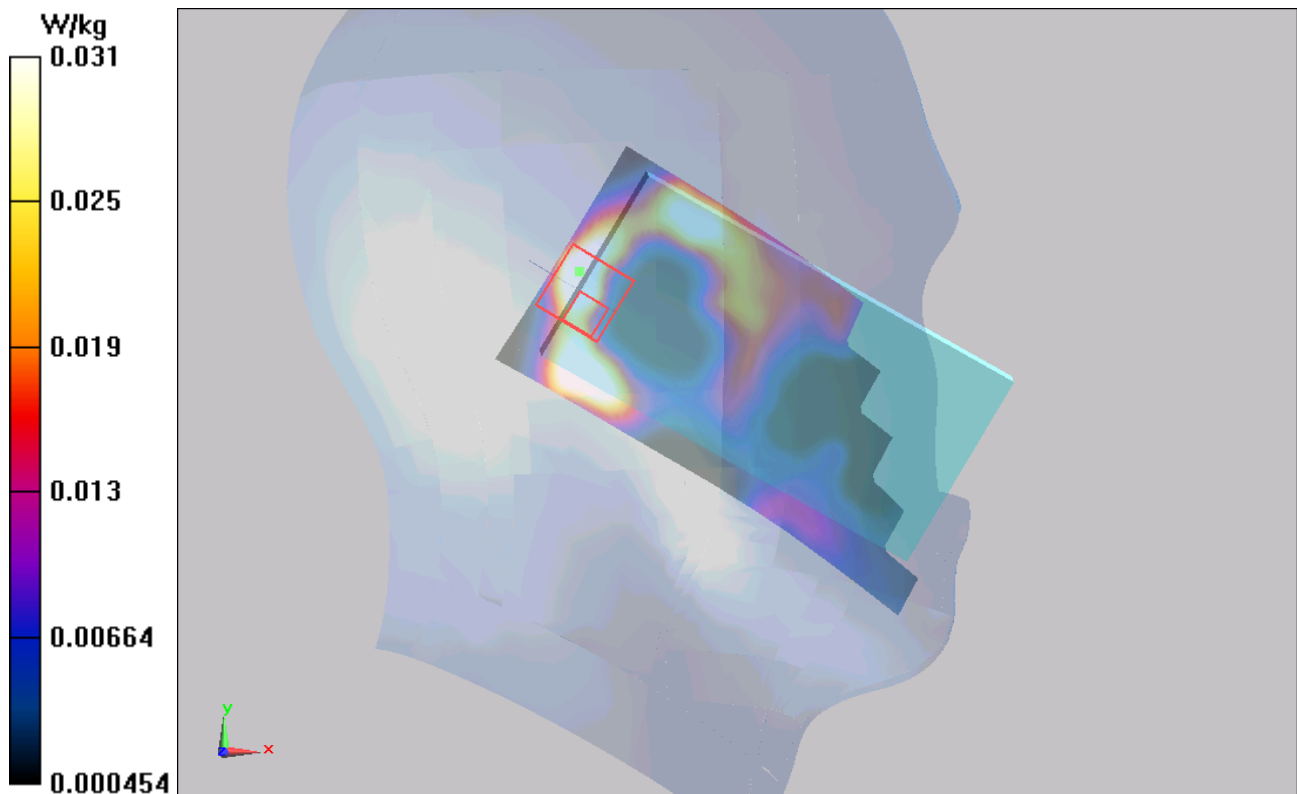


Figure 282 Left Hand Tilt 15° LTE Band 7 50%RB Channel 20850

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LTE Band 7 50%RB Right Cheek High

Date/Time: 3/4/2014 6:10:13 AM

Communication System: LTE (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.941$ S/m; $\epsilon_r = 38.761$; $\rho = 1000$ 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 - SN3816; ConvF(7.26, 7.26, 7.26); Calibrated: 6/4/2013;

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) = 0.220 W/kg

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

Reference Value = 1.432 V/m; Power Drift = 0.053 dB

Peak SAR (extrapolated) = 0.343 W/kg

SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.097 W/kg

Maximum value of SAR (measured) = 0.204 W/kg

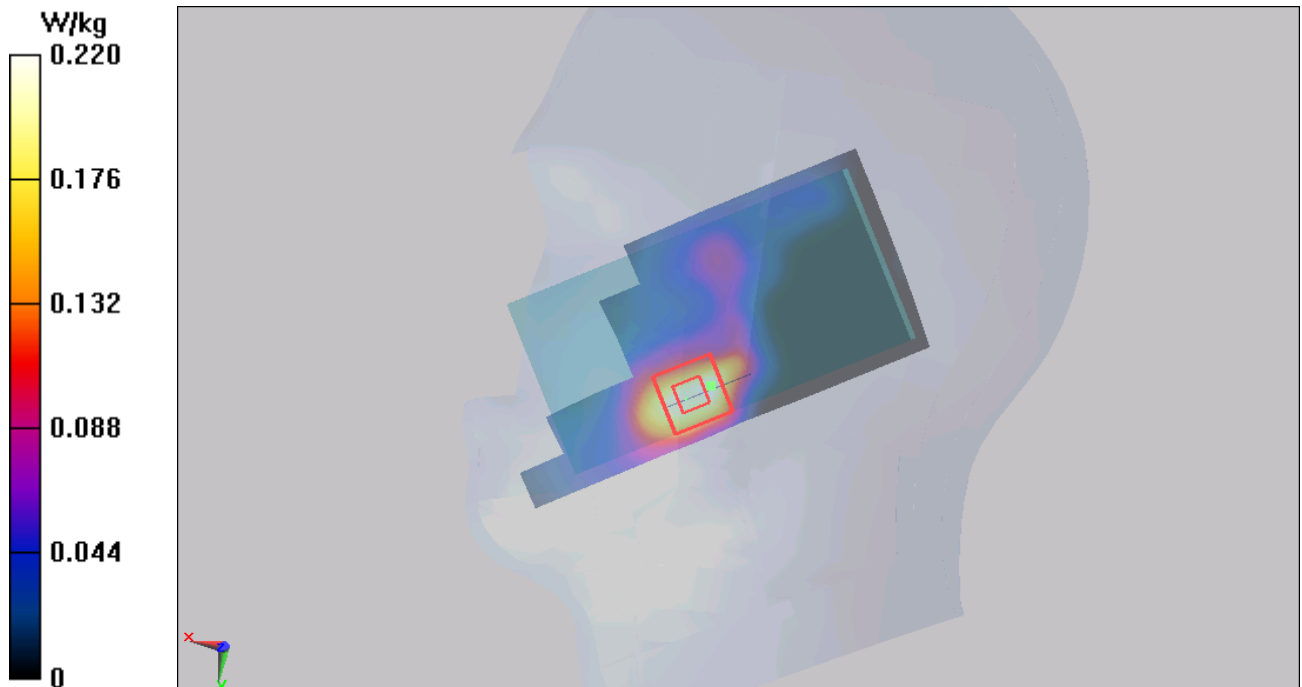


Figure 283 Right Hand Touch Cheek LTE Band 7 50%RB Channel 21350

LTE Band 7 50%RB Right Cheek Middle

Date/Time: 3/4/2014 6:25:17 AM

Communication System:LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.915$ S/m; $\epsilon_r = 38.869$; $\rho = 1000$ 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 - SN3816; ConvF(7.26, 7.26, 7.26); Calibrated: 6/4/2013;

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) = 0.207 W/kg

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

Reference Value = 2.269 V/m; Power Drift = 0.029 dB

Peak SAR (extrapolated) = 0.333 W/kg

SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.099 W/kg

Maximum value of SAR (measured) = 0.183 W/kg

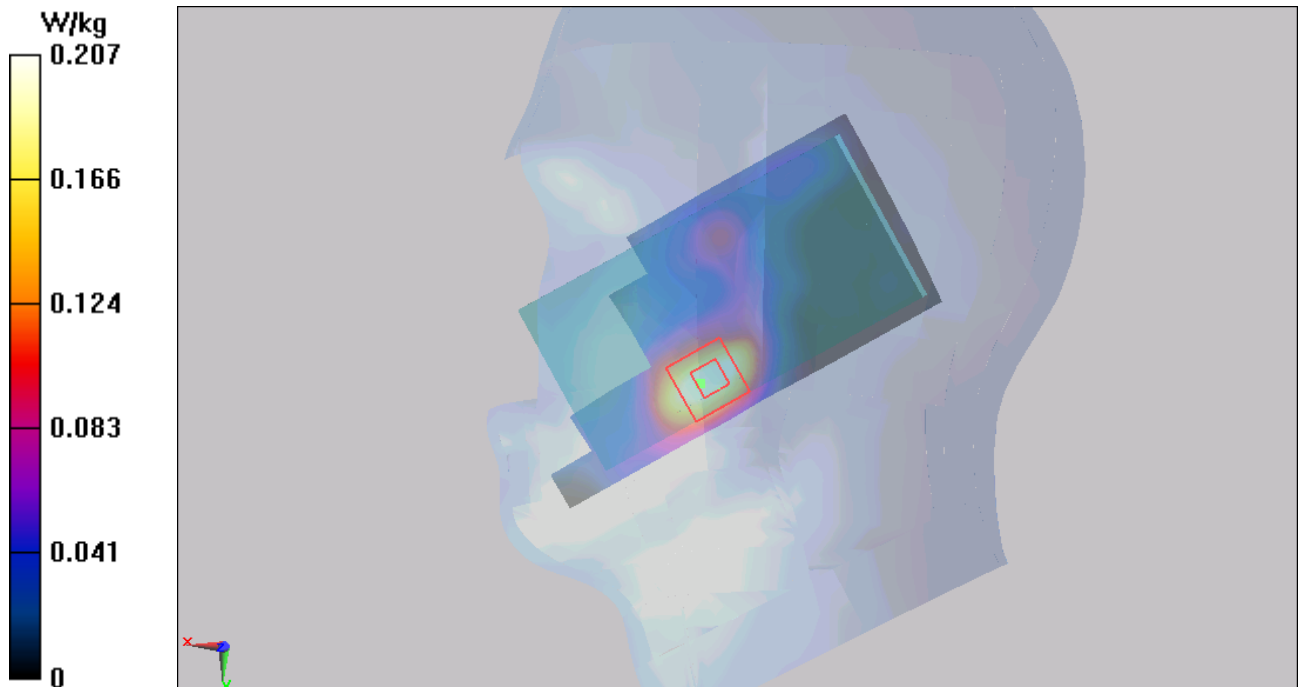


Figure 284 Right Hand Touch Cheek LTE Band 7 50%RB Channel 21100

LTE Band 7 50%RB Right Cheek Low

Date/Time: 3/4/2014 7:02:41 AM

Communication System:LTE (0); Frequency: 2510 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 1.889$ S/m; $\epsilon_r = 38.958$; $\rho = 1000$ 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 - SN3816; ConvF(7.26, 7.26, 7.26); Calibrated: 6/4/2013;

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) = 0.201 W/kg

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

Reference Value = 2.474 V/m; Power Drift = 0.027 dB

Peak SAR (extrapolated) = 0.329 W/kg

SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.094 W/kg

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

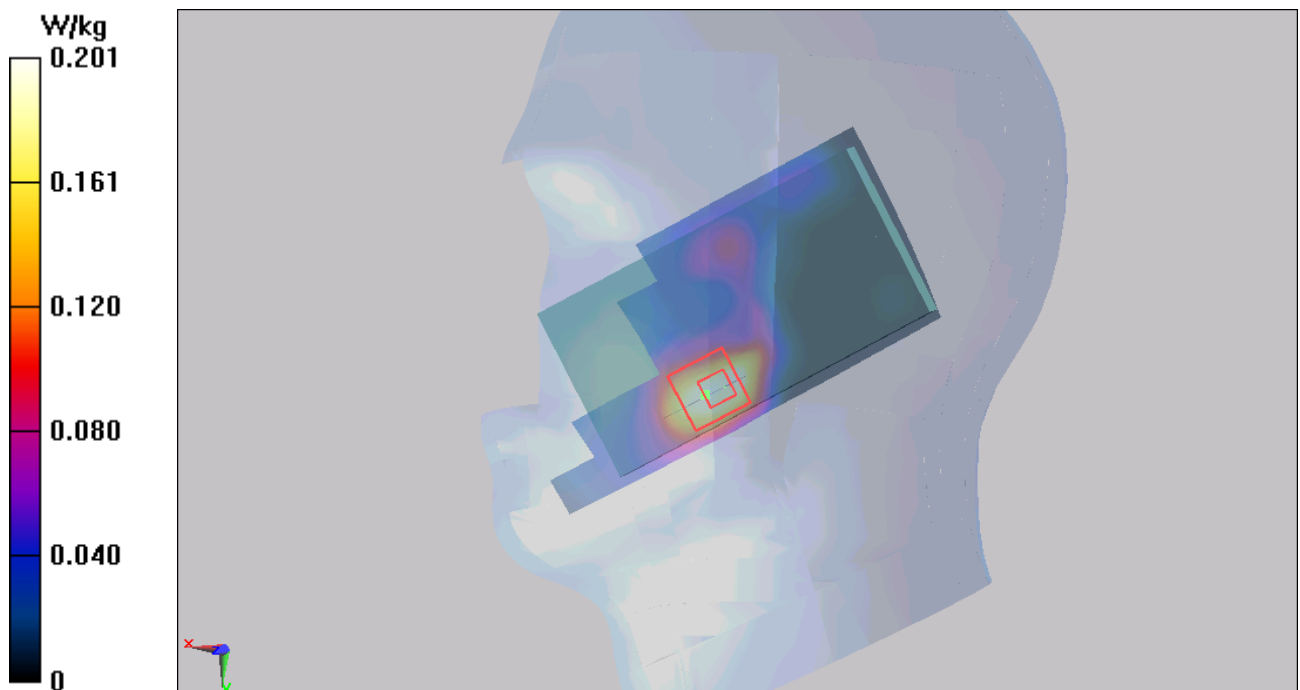


Figure 285 Right Hand Touch Cheek LTE Band 7 50%RB Channel 20850

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LTE Band 7 50%RB Right Tilt High

Date/Time: 3/4/2014 9:47:41 AM

Communication System:LTE (0); Frequency: 2560 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.941$ S/m; $\epsilon_r = 38.761$; $\rho = 1000$ 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 - SN3816; ConvF(7.26, 7.26, 7.26); Calibrated: 6/4/2013;

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) = 0.115 W/kg

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

Reference Value = 3.655 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 0.115 W/kg

SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.030 W/kg

Maximum value of SAR (measured) = 0.0747 W/kg

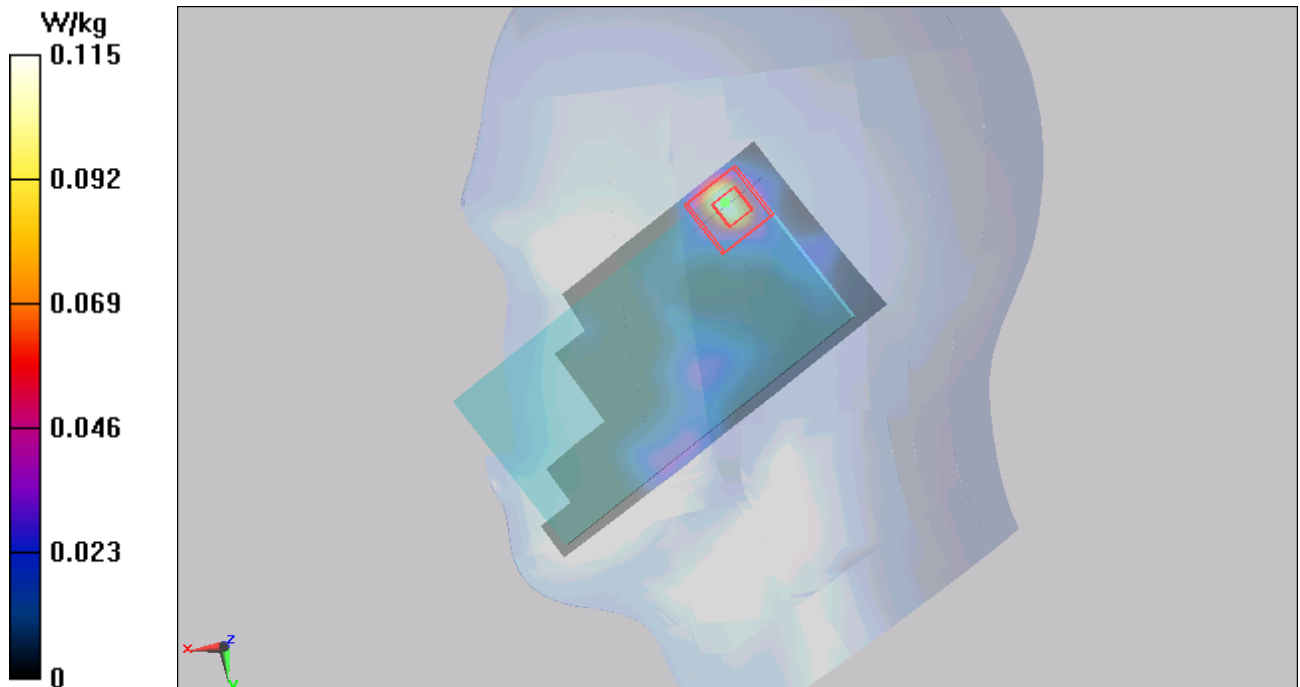


Figure 286 Right Hand Tilt 15° LTE Band 7 50%RB Channel 21350

LTE Band 7 50%RB Right Tilt Middle

Date/Time: 3/4/2014 9:32:30 AM

Communication System:LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.915$ S/m; $\epsilon_r = 38.869$; $\rho = 1000$ 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 - SN3816; ConvF(7.26, 7.26, 7.26); Calibrated: 6/4/2013;

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) = 0.104 W/kg

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

Reference Value = 3.969 V/m; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 0.120 W/kg

SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.031 W/kg

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

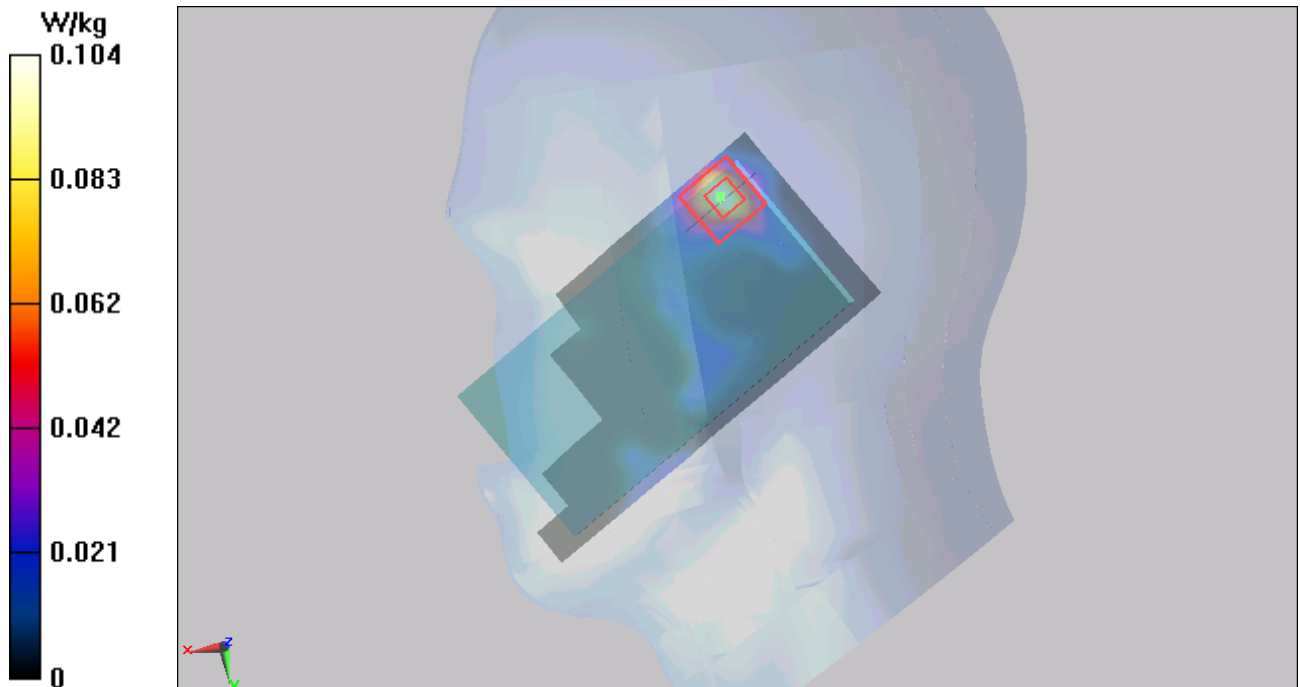


Figure 287 Right Hand Tilt 15° LTE Band 7 50%RB Channel 21100

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LTE Band 7 50%RB Right Tilt Low

Date/Time: 3/4/2014 7:17:52 AM

Communication System:LTE (0); Frequency: 2510 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 1.889$ S/m; $\epsilon_r = 38.958$; $\rho = 1000$ 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 - SN3816; ConvF(7.26, 7.26, 7.26); Calibrated: 6/4/2013;

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) = 0.0956 W/kg

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

Reference Value = 4.027 V/m; Power Drift = 0.082 dB

Peak SAR (extrapolated) = 0.147 W/kg

SAR(1 g) = 0.072 W/kg; SAR(10 g) = 0.033 W/kg

Maximum value of SAR (measured) = 0.0818 W/kg

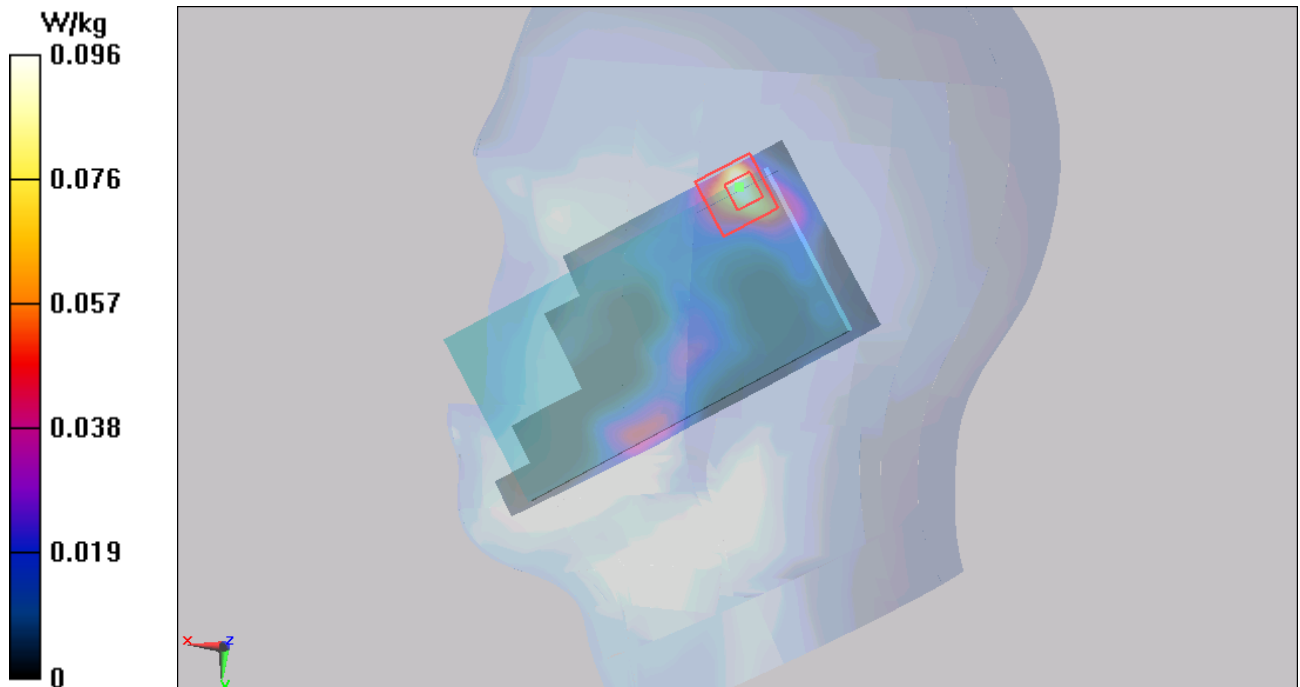


Figure 288 Right Hand Tilt 15° LTE Band 7 50%RB Channel 20850

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LTE Band 7 50%RB Right Cheek Middle (Battery 2)

Date/Time: 3/4/2014 10:06:12 AM

Communication System:LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.915$ S/m; $\epsilon_r = 38.869$; $\rho = 1000$ 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 - SN3816; ConvF(7.26, 7.26, 7.26); Calibrated: 6/4/2013;

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) = 0.194 W/kg

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

Reference Value = 2.198 V/m; Power Drift = 0.034 dB

Peak SAR (extrapolated) = 0.307 W/kg

SAR(1 g) = 0.170 W/kg; SAR(10 g) = 0.092 W/kg

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

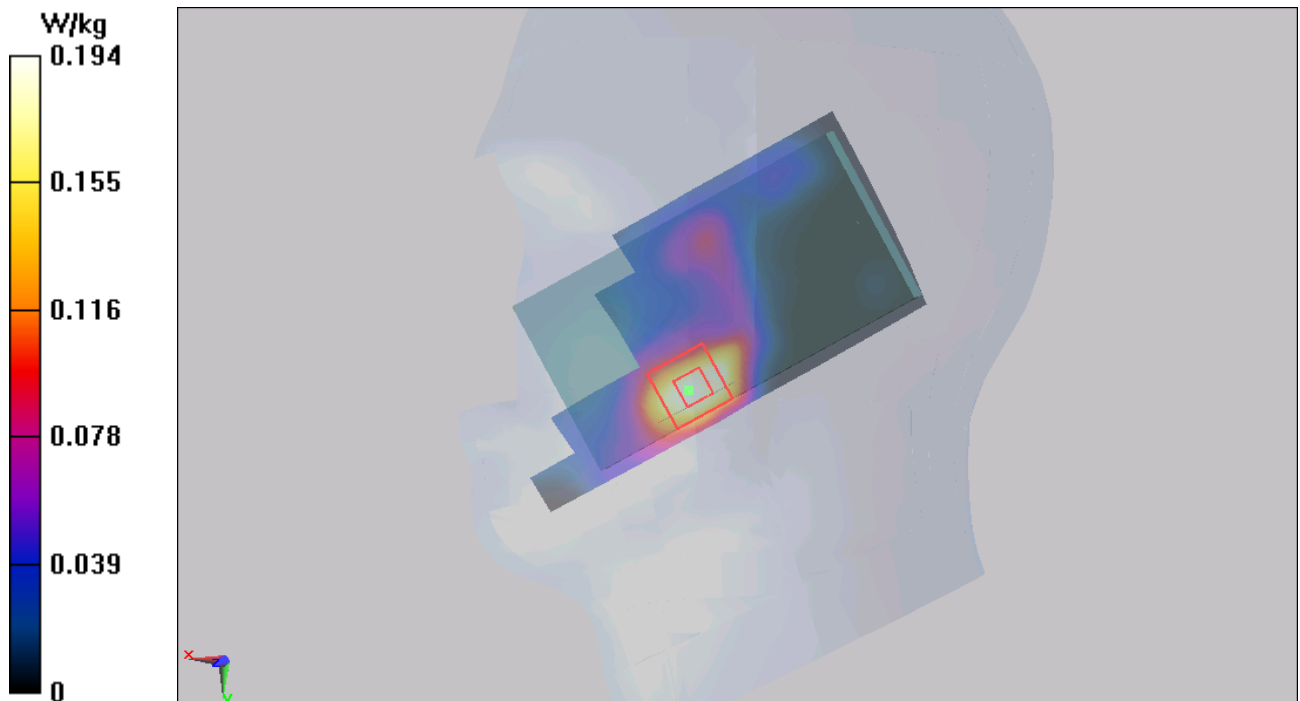


Figure 289 Right Hand Touch Cheek LTE Band 7 50%RB Channel 21100

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LTE Band 7 50%RB Back Side Middle

Date/Time: 3/2/2014 9:11:07 AM

Communication System: LTE (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.121$ S/m; $\epsilon_r = 52.544$; $\rho = 1000$ 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 - SN3816; ConvF(7.82, 7.82, 7.82); Calibrated: 6/4/2013;

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) = 0.593 W/kg

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

Reference Value = 6.660 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.583 W/kg; SAR(10 g) = 0.254 W/kg

Maximum value of SAR (measured) = 0.627 W/kg

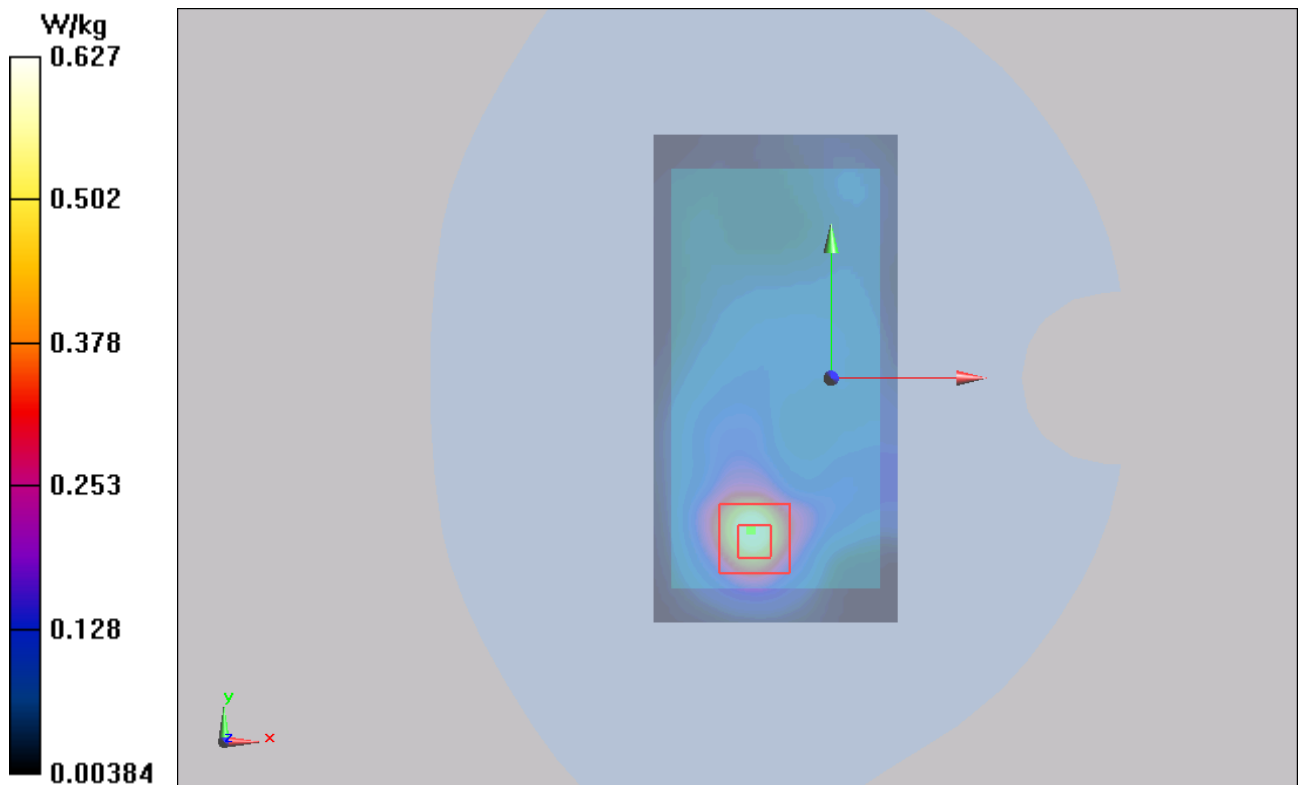


Figure 290 Body, Back Side, LTE Band 7 50%RB Channel 21100

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LTE Band 7 50%RB Front Side Middle

Date/Time: 3/2/2014 7:20:11 AM

Communication System:LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.121$ S/m; $\epsilon_r = 52.544$; $\rho = 1000$ 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 - SN3816; ConvF(7.82, 7.82, 7.82); Calibrated: 6/4/2013;

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) = 0.251 W/kg

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

Reference Value = 5.709 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.437 W/kg

SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.107 W/kg

Maximum value of SAR (measured) = 0.256 W/kg

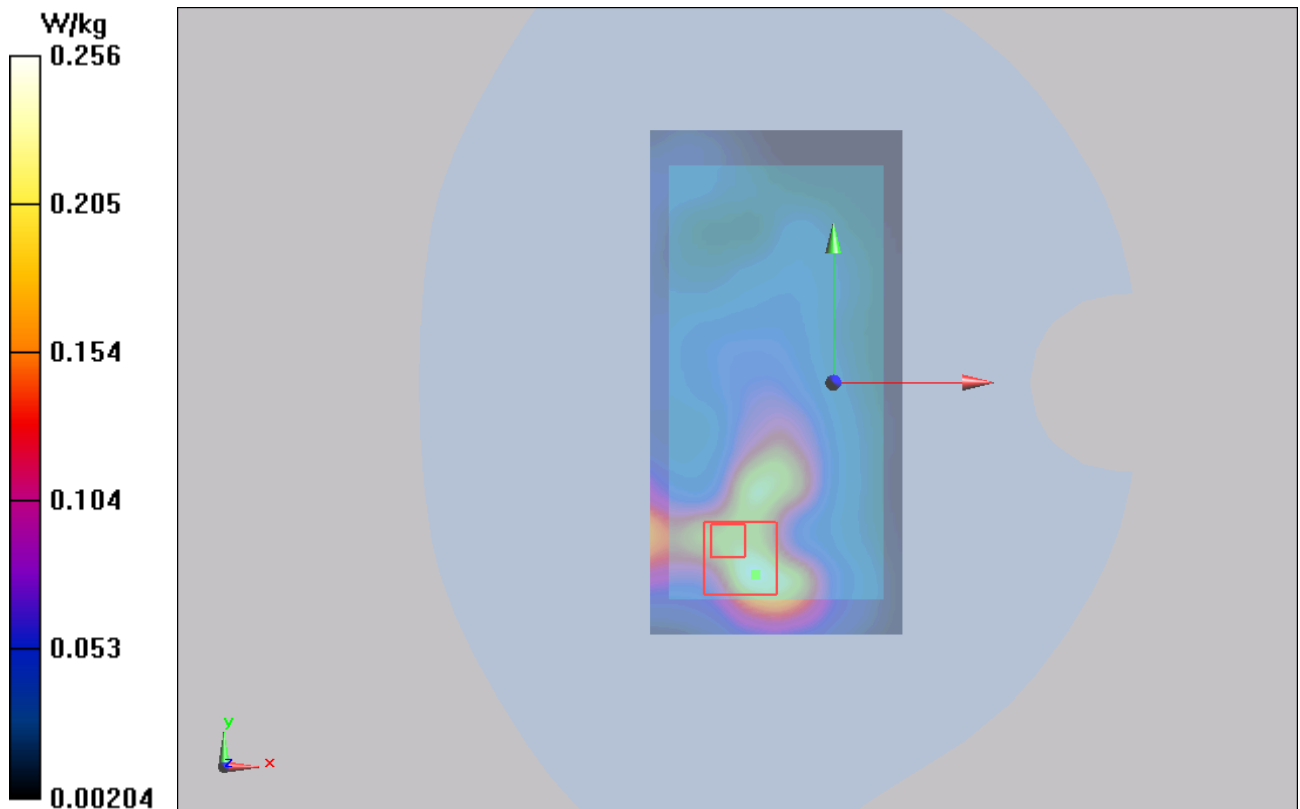


Figure 291 Body, Front Side, LTE Band 7 50%RB Channel 21100

LTE Band 7 50%RB Left Edge Middle

Date/Time: 3/2/2014 7:44:02 AM

Communication System:LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.121$ S/m; $\epsilon_r = 52.544$; $\rho = 1000$ 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 - SN3816; ConvF(7.82, 7.82, 7.82); Calibrated: 6/4/2013;

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) = 0.0506 W/kg

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

Reference Value = 4.905 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.0790 W/kg

SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.0476 W/kg

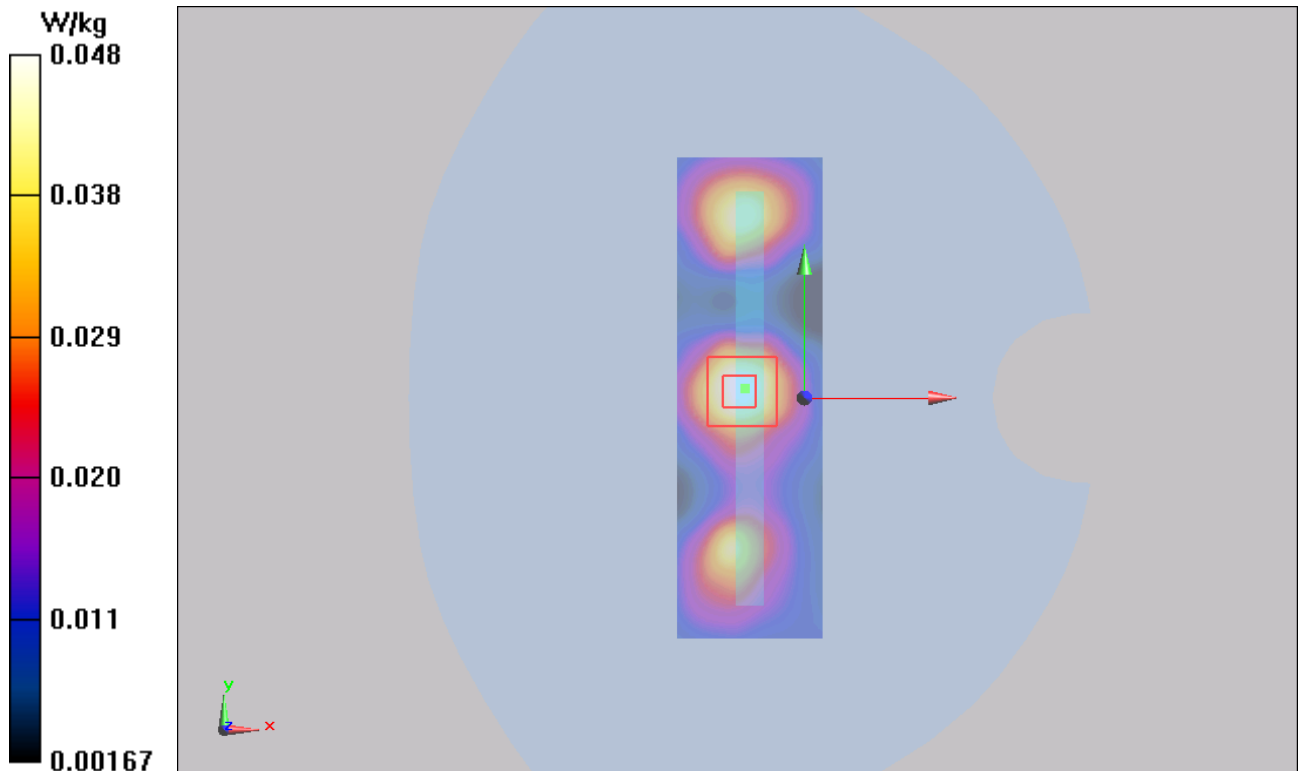


Figure 292 Body, Left Edge, LTE Band 7 50%RB Channel 21100

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LTE Band 7 50%RB Right Edge Middle

Date/Time: 3/2/2014 8:19:11 AM

Communication System:LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.121$ S/m; $\epsilon_r = 52.544$; $\rho = 1000$ 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 - SN3816; ConvF(7.82, 7.82, 7.82); Calibrated: 6/4/2013;

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) = 0.124 W/kg

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

Reference Value = 7.068 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.195 W/kg

SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.063 W/kg

Maximum value of SAR (measured) = 0.112 W/kg

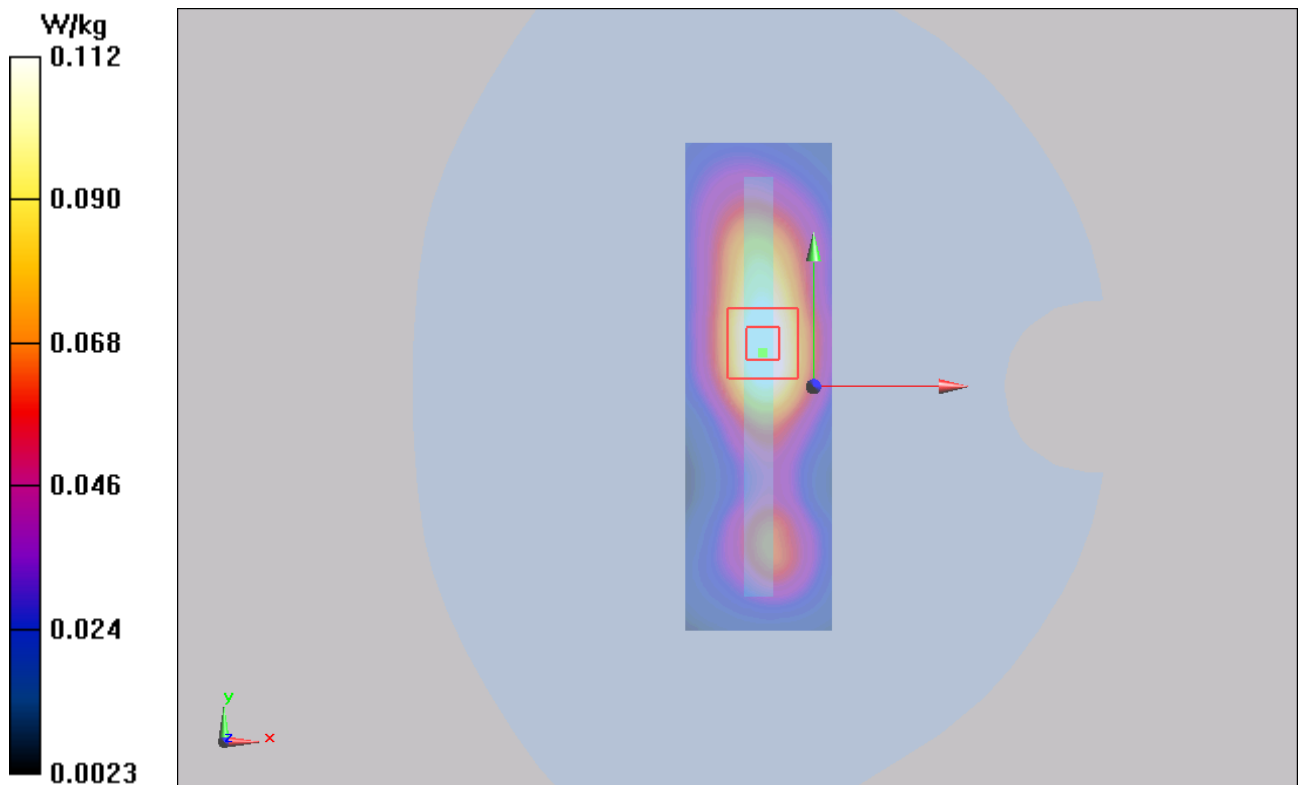


Figure 293 Body, Right Edge, LTE Band 7 50%RB Channel 21100

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LTE Band 7 50%RB Bottom Edge Middle

Date/Time: 3/2/2014 8:41:48 AM

Communication System: LTE (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.121$ S/m; $\epsilon_r = 52.544$; $\rho = 1000$ 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 - SN3816; ConvF(7.82, 7.82, 7.82); Calibrated: 6/4/2013;

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) = 0.365 W/kg

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

Reference Value = 9.281 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 0.716 W/kg

SAR(1 g) = 0.332 W/kg; SAR(10 g) = 0.146 W/kg

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

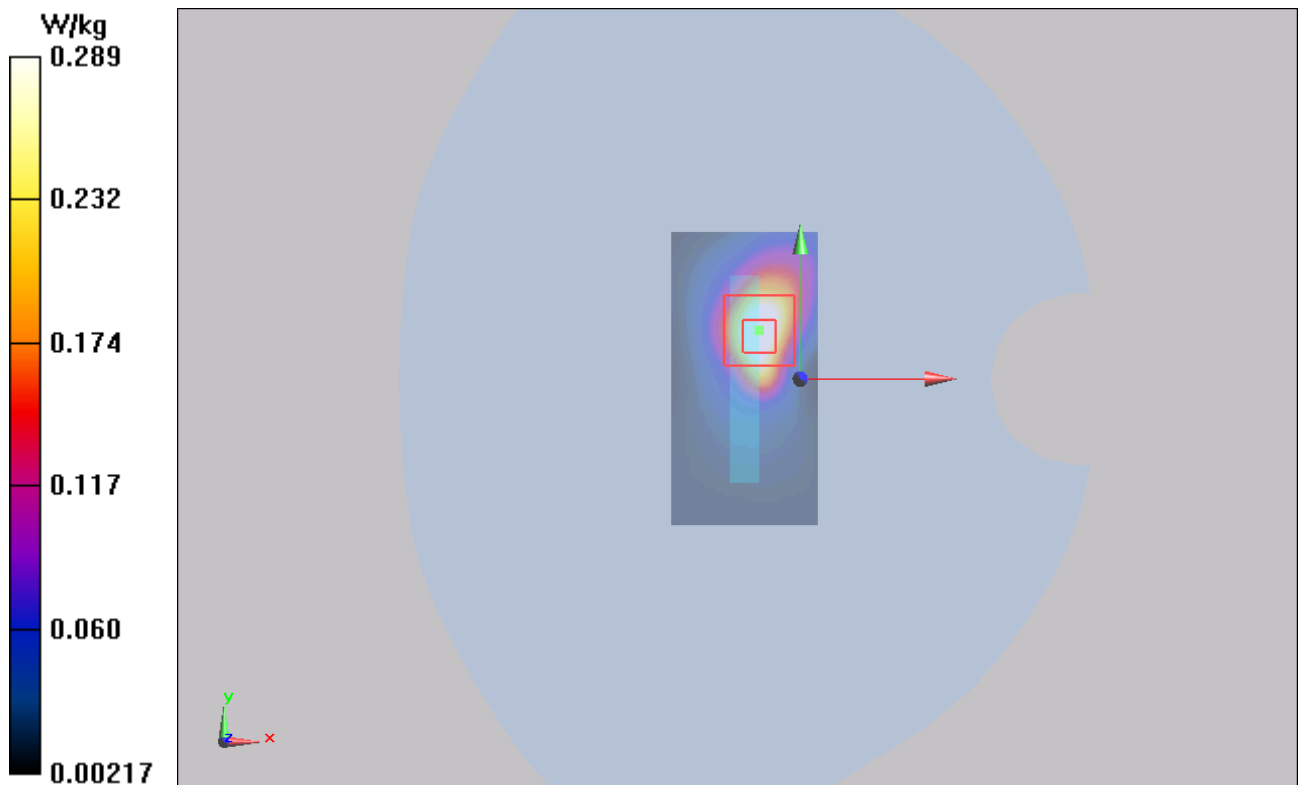


Figure 294 Body, Bottom Edge, LTE Band 7 50%RB Channel 21100

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LTE Band 7 50%RB Back Side Middle (Battery 2)

Date/Time: 3/2/2014 9:25:06 AM

Communication System: LTE (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.121$ S/m; $\epsilon_r = 52.544$; $\rho = 1000$ 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 - SN3816; ConvF(7.82, 7.82, 7.82); Calibrated: 6/4/2013;

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) = 0.587 W/kg

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

Reference Value = 6.675 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.589 W/kg; SAR(10 g) = 0.256 W/kg

Maximum value of SAR (measured) = 0.634 W/kg

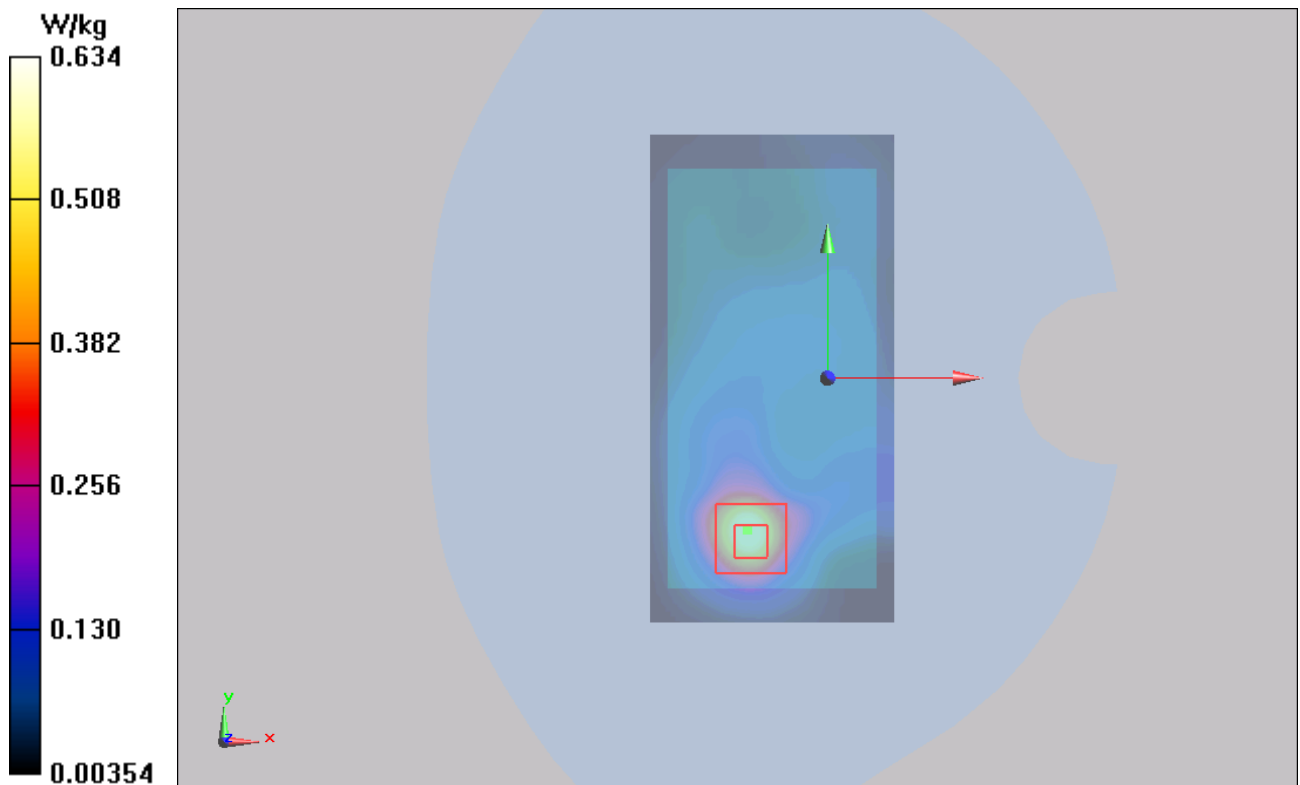


Figure 295 Body, Back Side, LTE Band 7 50%RB Channel 21100

LTE Band 17 1RB Left Cheek High

Date/Time: 2/27/2014 4:41:19 AM

Communication System:LTE (0); Frequency: 711 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 711$ MHz; $\sigma = 0.871$ S/m; $\epsilon_r = 42.542$; $\rho = 1000$ 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(9.94, 9.94, 9.94); Calibrated: 11/28/2013;

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

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

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) = 0.300 W/kg

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

Reference Value = 5.163 V/m; Power Drift = 0.032 dB

Peak SAR (extrapolated) = 0.352 W/kg

SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.220 W/kg

Maximum value of SAR (measured) = 0.300 W/kg

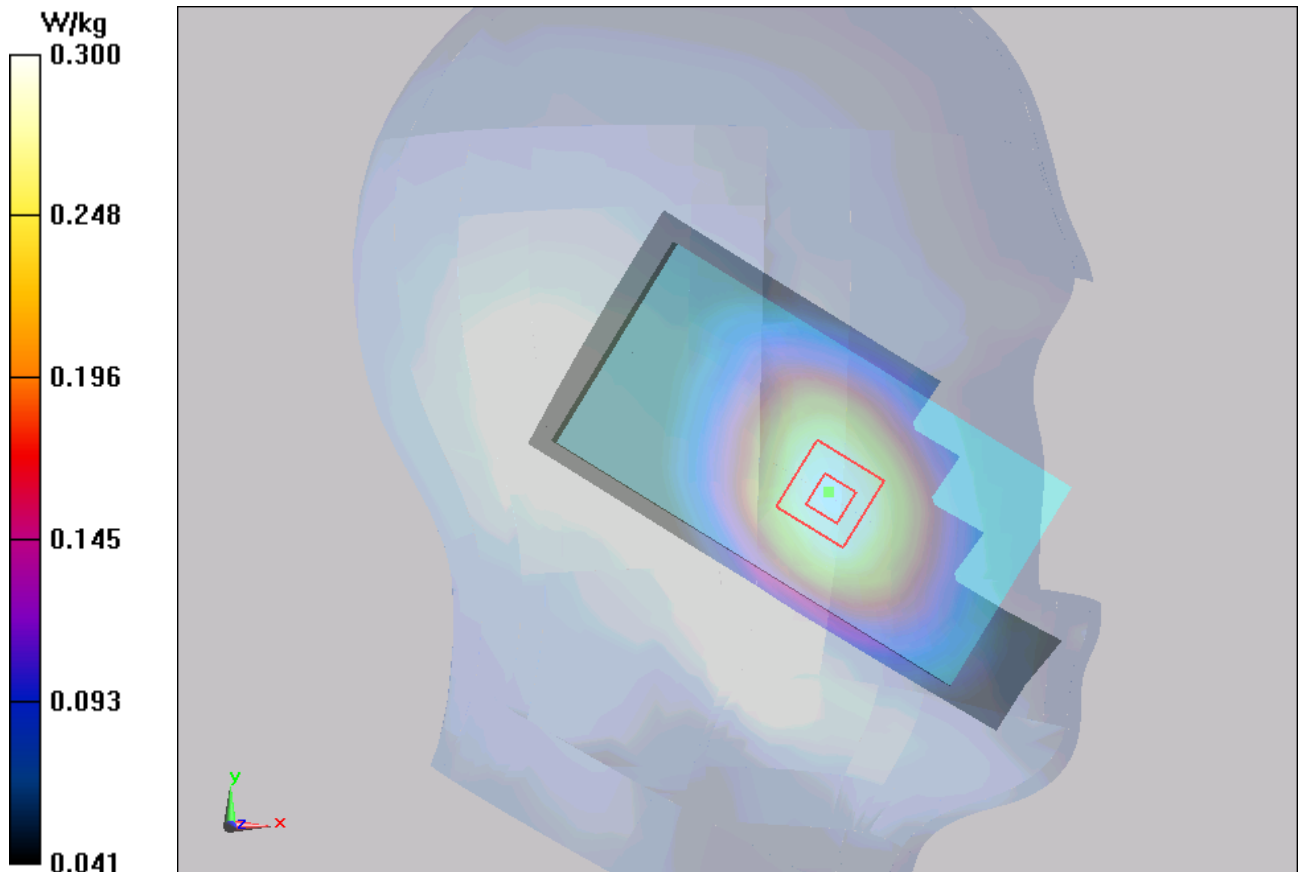


Figure 296 Left Hand Touch Cheek LTE Band 17 1RB Channel 23800

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LTE Band 17 1RB Left Cheek Middle

Date/Time: 2/27/2014 6:28:17 AM

Communication System:LTE (0); Frequency: 710 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.87 \text{ S/m}$; $\epsilon_r = 42.553$; $\rho = 1000 \text{ kg/m}^3$

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(9.94, 9.94, 9.94); Calibrated: 11/28/2013;

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

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

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

Left Cheek Middle/Area Scan (51x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.352 W/kg

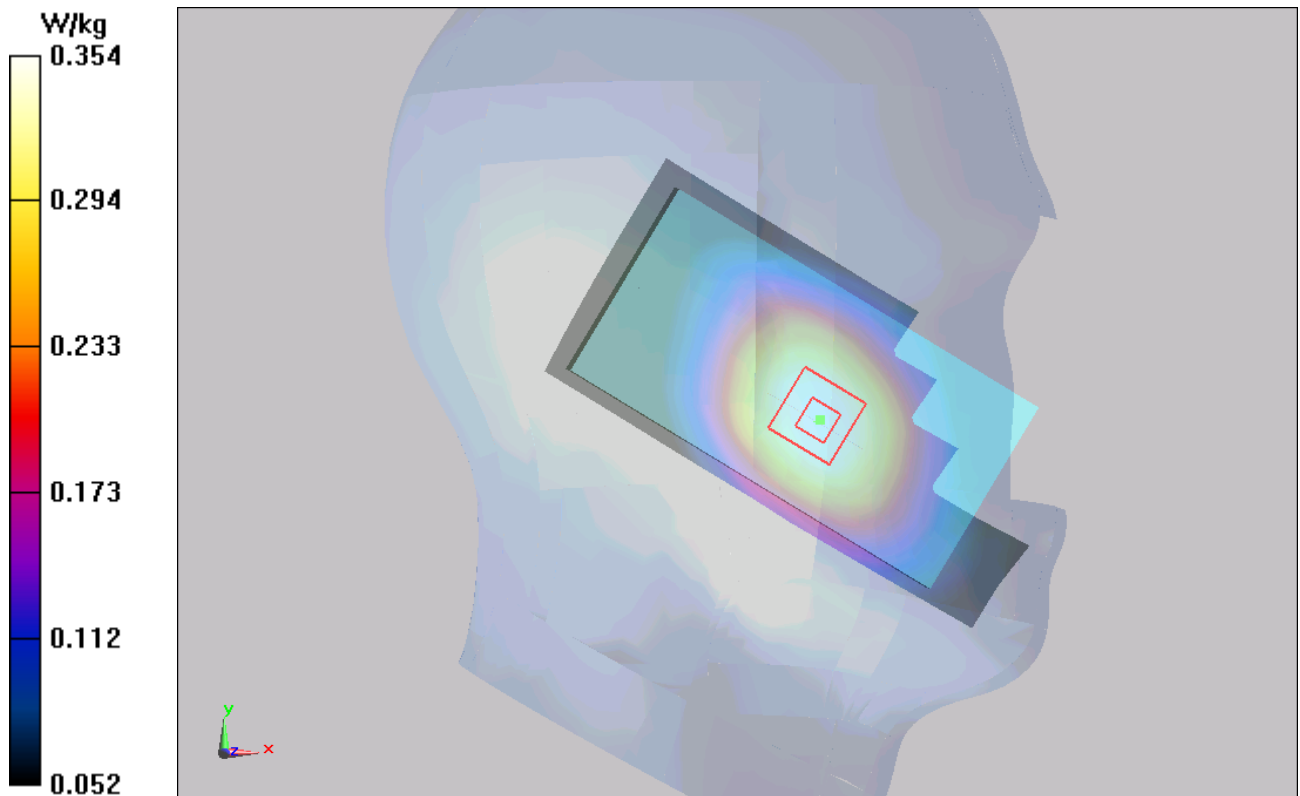
Left Cheek Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.956 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.405 W/kg

SAR(1 g) = 0.338 W/kg; SAR(10 g) = 0.266 W/kg

Maximum value of SAR (measured) = 0.354 W/kg



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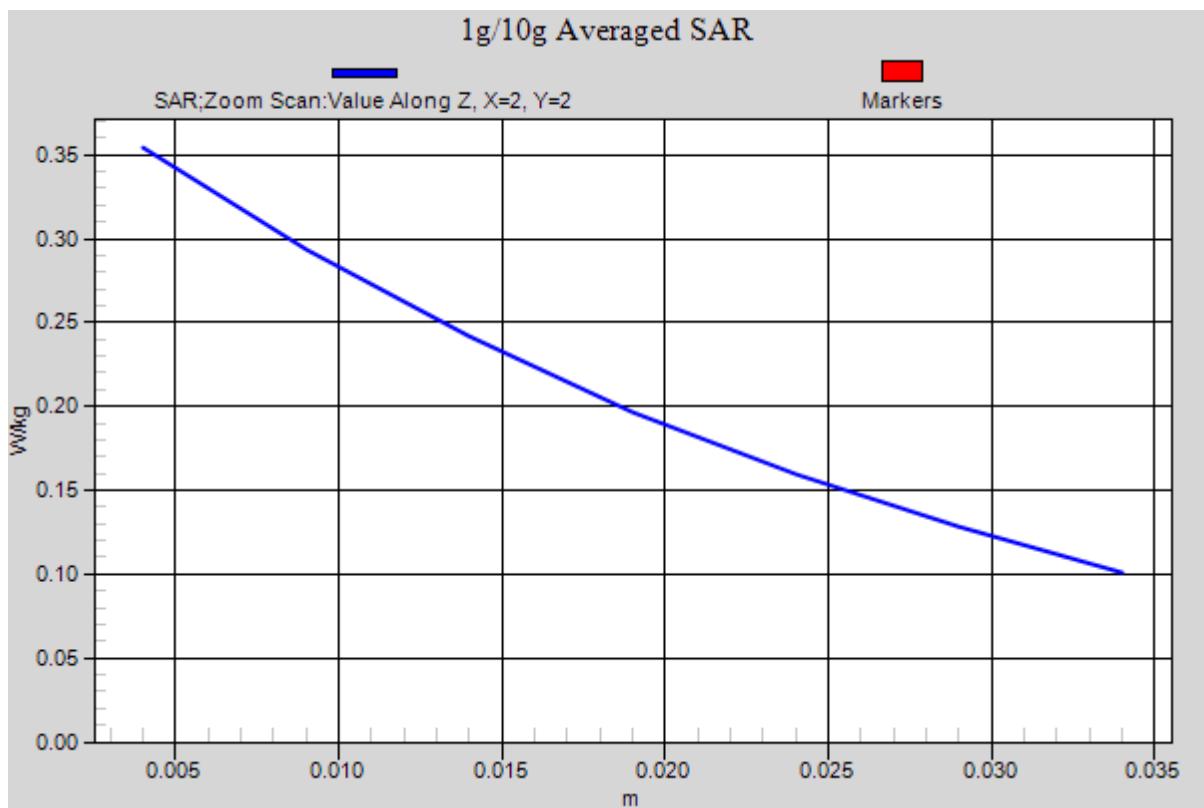


Figure 297 Left Hand Touch Cheek LTE Band 17 1RB Channel 23790

LTE Band 17 1RB Left Cheek Low

Date/Time: 2/27/2014 5:14:09 AM

Communication System:LTE (0); Frequency: 709 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 709$ MHz; $\sigma = 0.869$ S/m; $\epsilon_r = 42.567$; $\rho = 1000$ 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(9.94, 9.94, 9.94); Calibrated: 11/28/2013;

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

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

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) = 0.304 W/kg

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

Reference Value = 5.639 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.356 W/kg

SAR(1 g) = 0.291 W/kg; SAR(10 g) = 0.225 W/kg

Maximum value of SAR (measured) = 0.304 W/kg

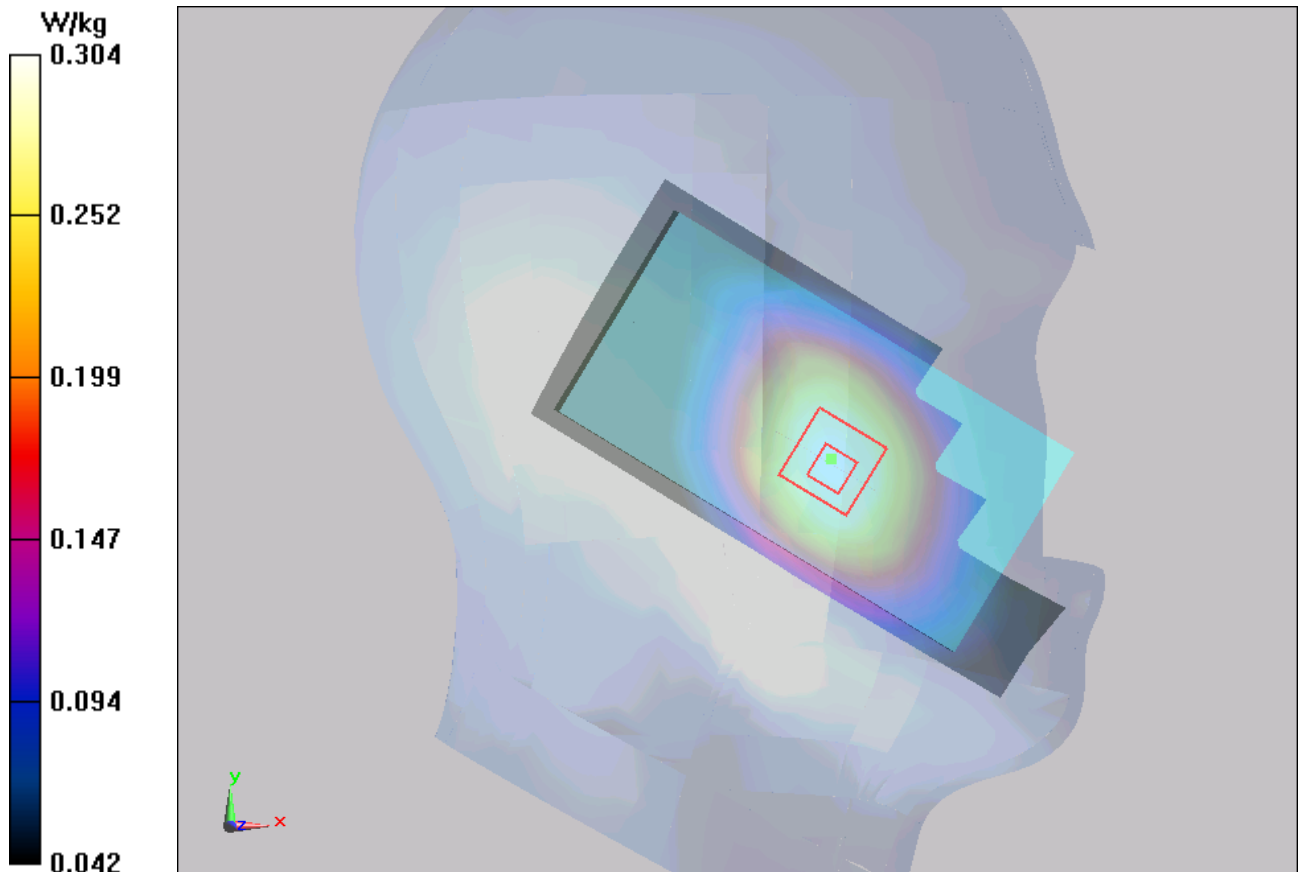


Figure 298 Left Hand Touch Cheek LTE Band 17 1RB Channel 23780

LTE Band 17 1RB Left Tilt High

Date/Time: 2/27/2014 4:57:18 AM

Communication System:LTE (0); Frequency: 711 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.871 \text{ S/m}$; $\epsilon_r = 42.542$; $\rho = 1000 \text{ kg/m}^3$

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(9.94, 9.94, 9.94); Calibrated: 11/28/2013;

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

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

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) = 0.230 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 = 10.809 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.260 W/kg

SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.174 W/kg

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

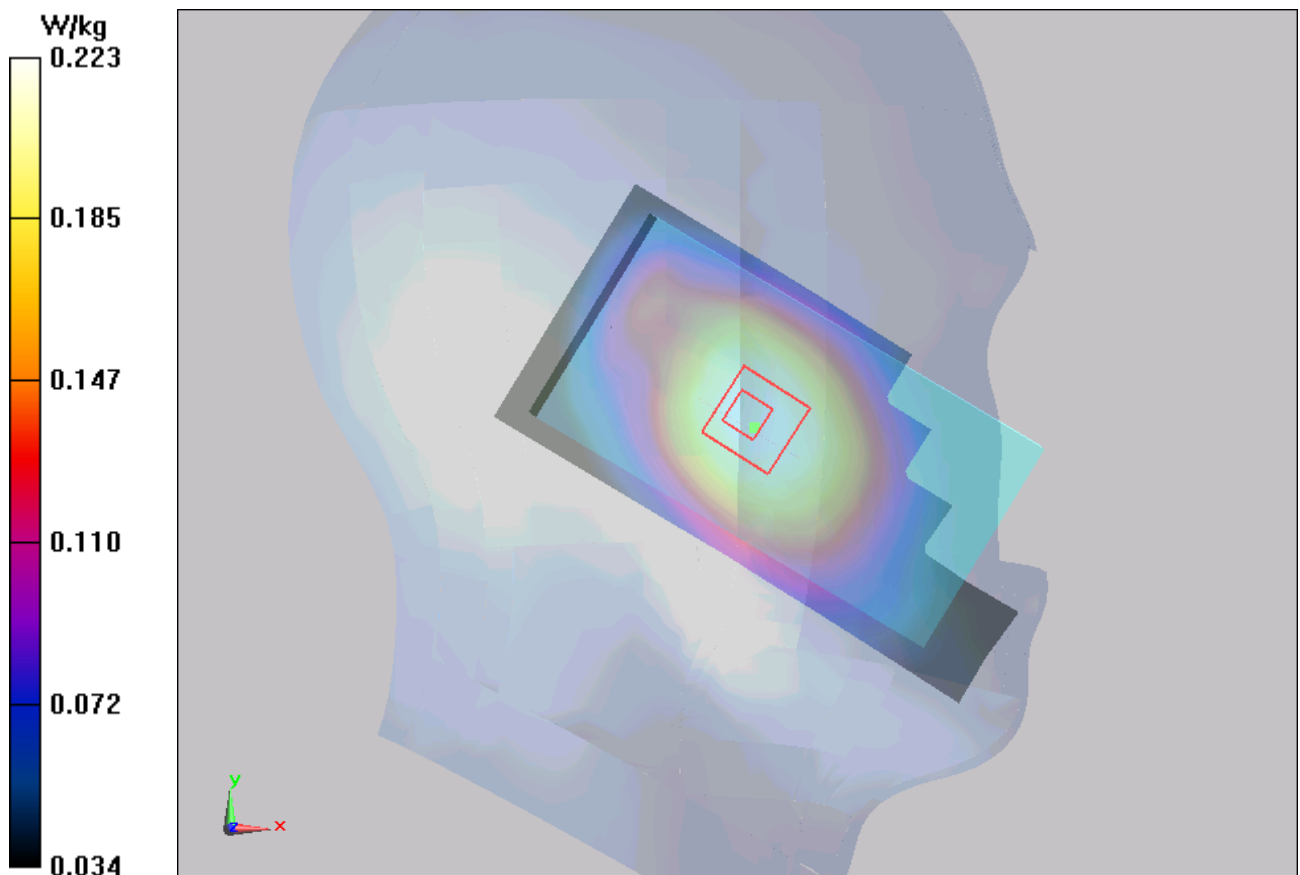


Figure 299 Left Hand Tilt 15° LTE Band 17 1RB Channel 23800

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LTE Band 17 1RB Left Tilt Middle

Date/Time: 2/27/2014 5:35:21 AM

Communication System:LTE (0); Frequency: 710 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.87 \text{ S/m}$; $\epsilon_r = 42.553$; $\rho = 1000 \text{ kg/m}^3$

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(9.94, 9.94, 9.94); Calibrated: 11/28/2013;

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

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

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

Left Tilt Middle/Area Scan (51x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.210 W/kg

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

Reference Value = 10.296 V/m; Power Drift = 0.020 dB

Peak SAR (extrapolated) = 0.237 W/kg

SAR(1 g) = 0.200 W/kg; SAR(10 g) = 0.158 W/kg

Maximum value of SAR (measured) = 0.206 W/kg

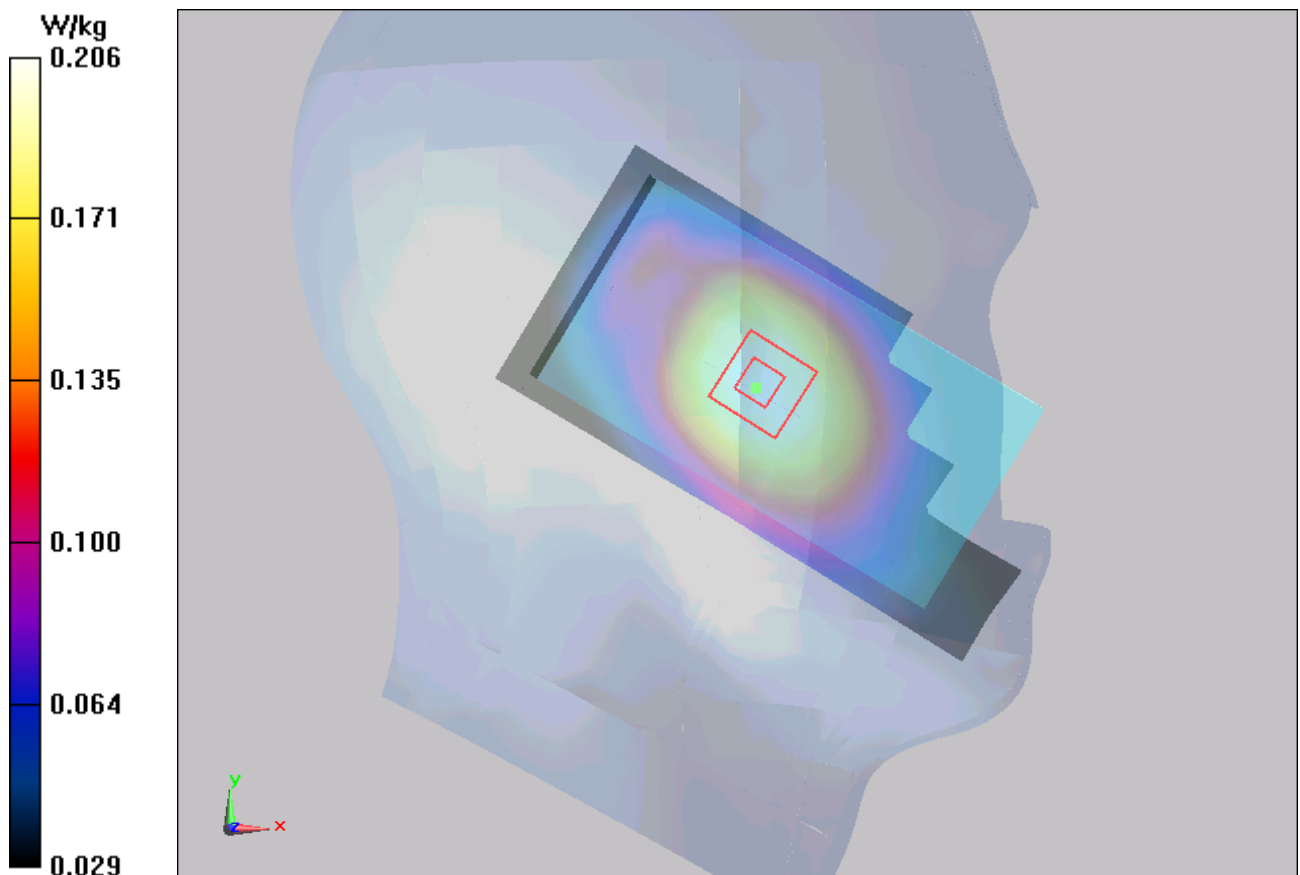


Figure 300 Left Hand Tilt 15° LTE Band 17 1RB Channel 23790

LTE Band 17 1RB Left Tilt Low

Date/Time: 2/27/2014 8:36:10 AM

Communication System:LTE (0); Frequency: 709 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 709 \text{ MHz}$; $\sigma = 0.869 \text{ S/m}$; $\epsilon_r = 42.567$; $\rho = 1000 \text{ kg/m}^3$

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(9.94, 9.94, 9.94); Calibrated: 11/28/2013;

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

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

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

Left Tilt Low/Area Scan (51x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.234 W/kg

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

Reference Value = 11.507 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.265 W/kg

SAR(1 g) = 0.222 W/kg; SAR(10 g) = 0.176 W/kg

Maximum value of SAR (measured) = 0.230 W/kg

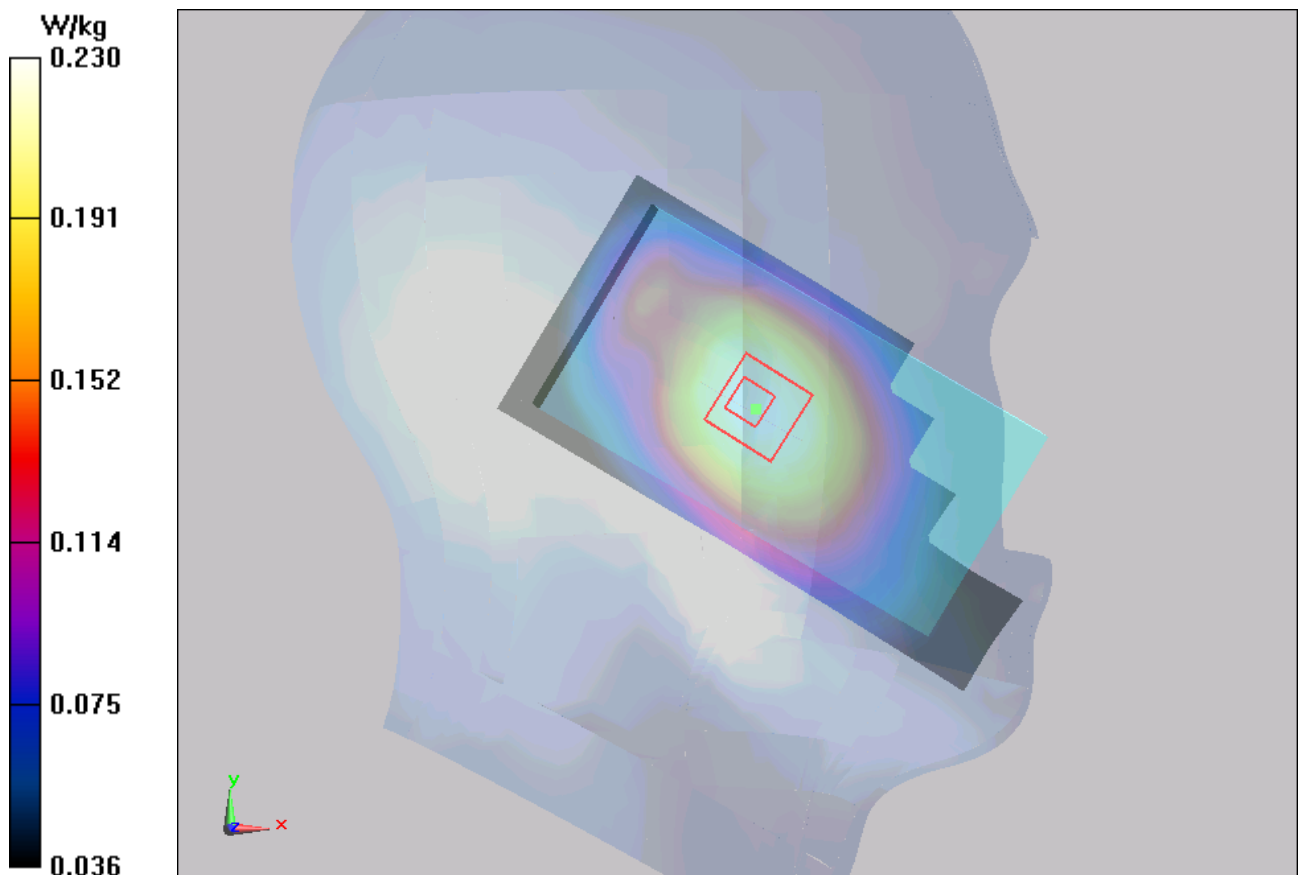


Figure 301 Left Hand Tilt 15° LTE Band 17 1RB Channel 23780

LTE Band 17 1RB Right Cheek High

Date/Time: 2/27/2014 1:28:35 PM

Communication System:LTE (0); Frequency: 711 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 711$ MHz; $\sigma = 0.871$ S/m; $\epsilon_r = 42.542$; $\rho = 1000$ 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(9.94, 9.94, 9.94); Calibrated: 11/28/2013;

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

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

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) = 0.287 W/kg

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

Reference Value = 5.611 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.330 W/kg

SAR(1 g) = 0.272 W/kg; SAR(10 g) = 0.210 W/kg

Maximum value of SAR (measured) = 0.285 W/kg

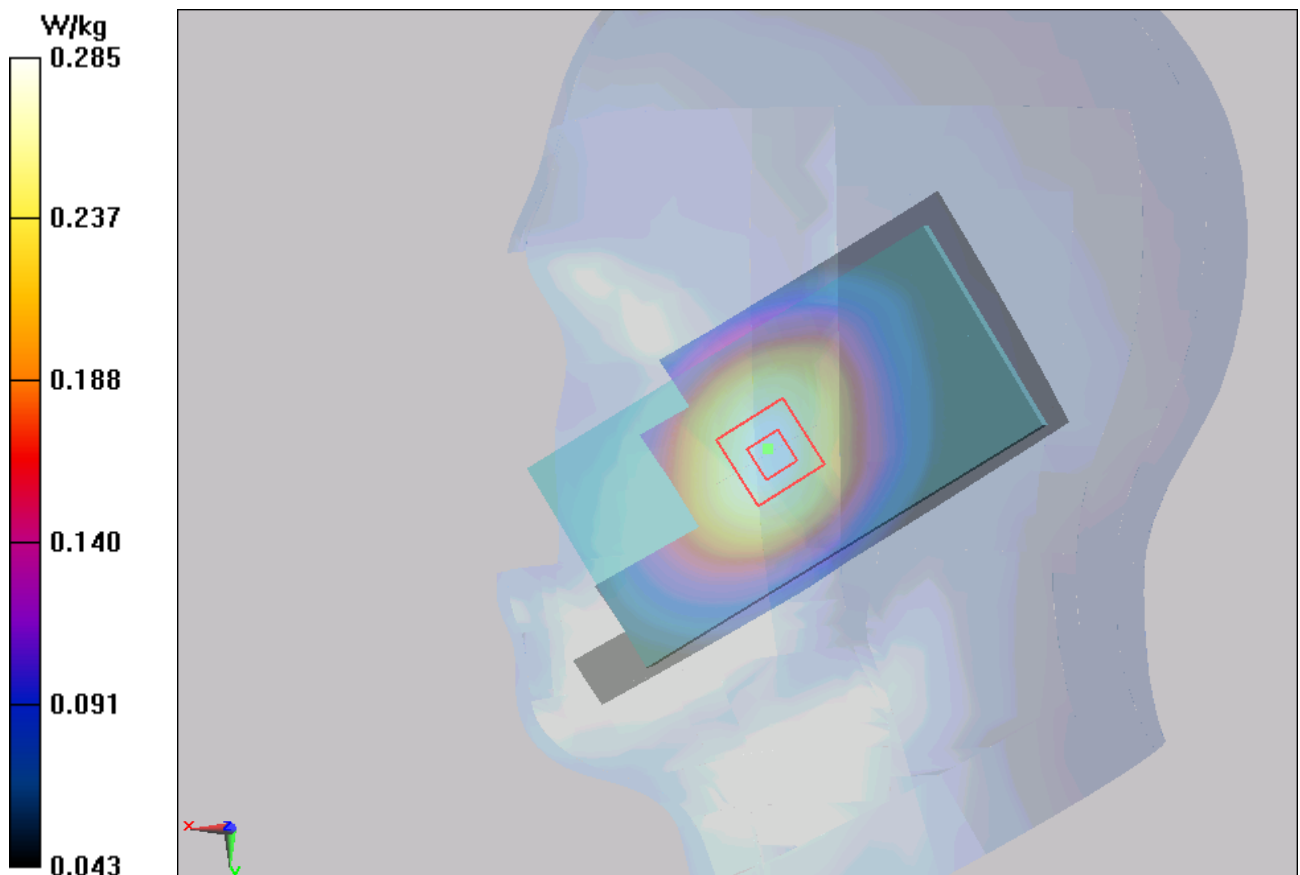


Figure 302 Right Hand Touch Cheek LTE Band 17 1RB Channel 23800

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LTE Band 17 1RB Right Cheek Middle

Date/Time: 2/27/2014 5:55:00 AM

Communication System:LTE (0); Frequency: 710 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.87 \text{ S/m}$; $\epsilon_r = 42.553$; $\rho = 1000 \text{ kg/m}^3$

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(9.94, 9.94, 9.94); Calibrated: 11/28/2013;

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

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

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

Right Cheek Middle/Area Scan (51x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

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

Reference Value = 6.347 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.331 W/kg

SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.211 W/kg

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

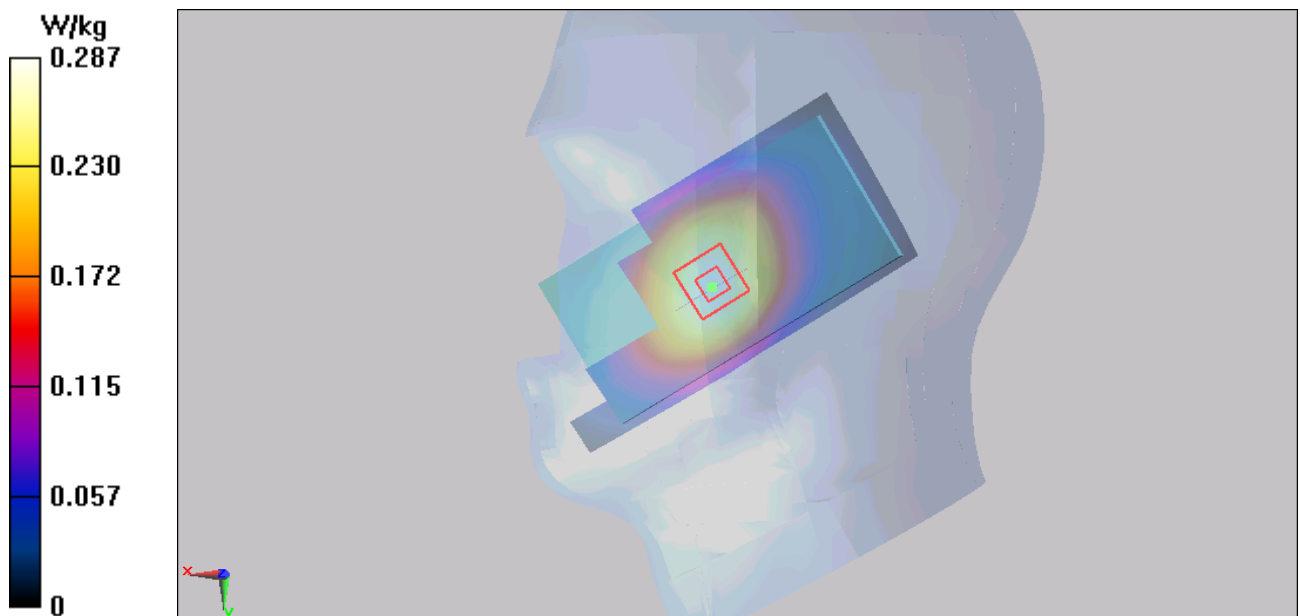


Figure 303 Right Hand Touch Cheek LTE Band 17 1RB Channel 23790

LTE Band 17 1RB Right Cheek Low

Date/Time: 2/27/2014 6:45:36 AM

Communication System:LTE (0); Frequency: 709 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 709$ MHz; $\sigma = 0.869$ S/m; $\epsilon_r = 42.567$; $\rho = 1000$ 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(9.94, 9.94, 9.94); Calibrated: 11/28/2013;

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

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

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) = 0.315 W/kg

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

Reference Value = 6.242 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.362 W/kg

SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.232 W/kg

Maximum value of SAR (measured) = 0.315 W/kg

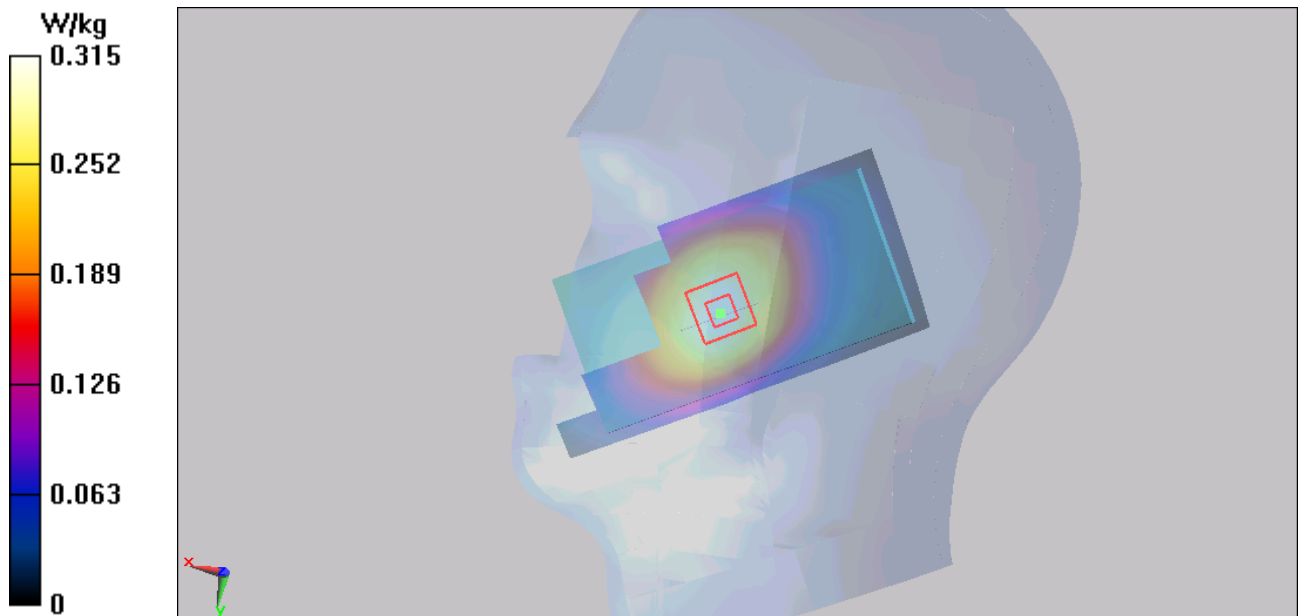


Figure 304 Right Hand Touch Cheek LTE Band 17 1RB Channel 23780

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LTE Band 17 1RB Right Tilt High

Date/Time: 2/27/2014 1:43:58 PM

Communication System:LTE (0); Frequency: 711 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 711$ MHz; $\sigma = 0.871$ S/m; $\epsilon_r = 42.542$; $\rho = 1000$ 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(9.94, 9.94, 9.94); Calibrated: 11/28/2013;

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

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

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) = 0.164 W/kg

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

Reference Value = 8.724 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.188 W/kg

SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.126 W/kg

Maximum value of SAR (measured) = 0.165 W/kg

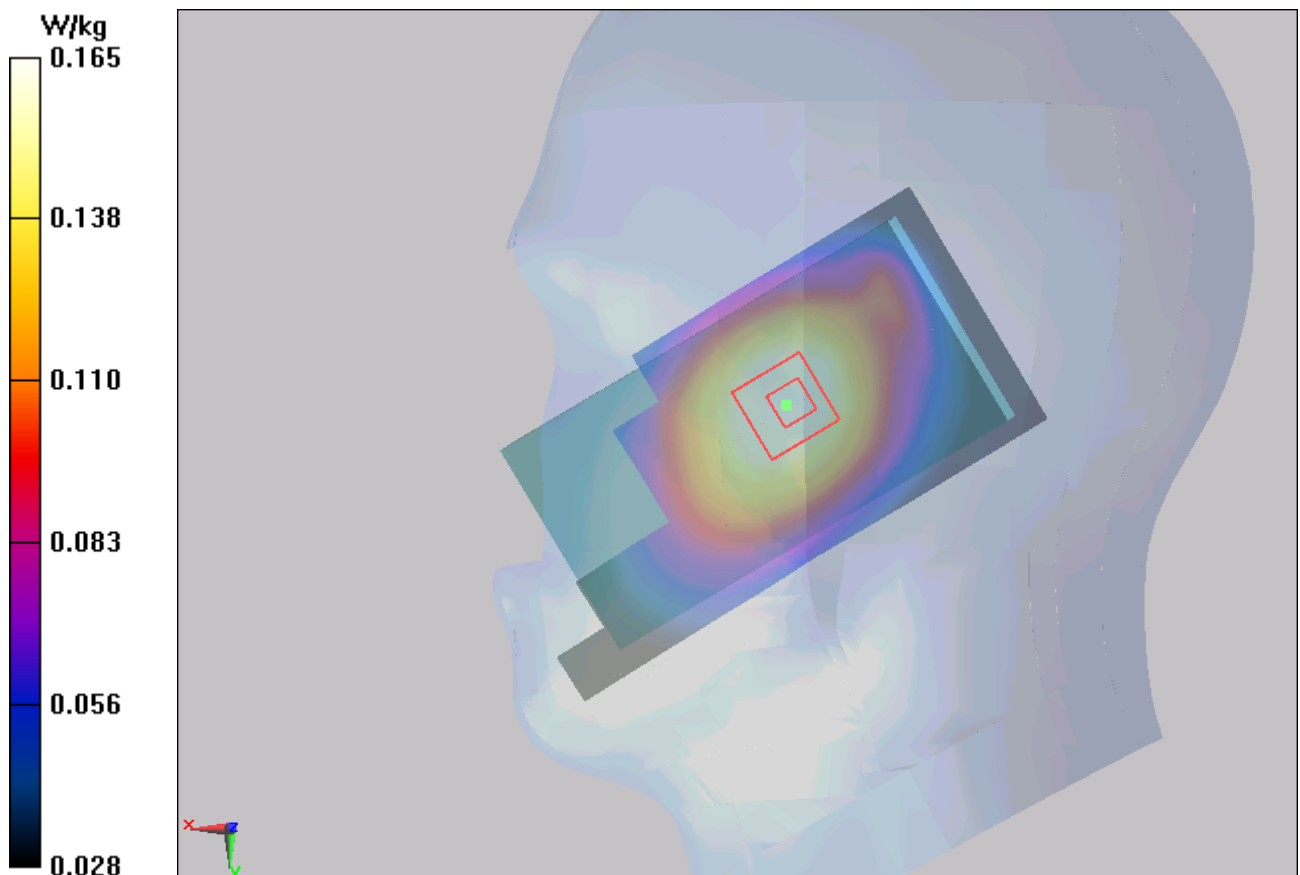


Figure 305 Right Hand Tilt 15° LTE Band 17 1RB Channel 23800

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LTE Band 17 1RB Right Tilt Middle

Date/Time: 2/27/2014 6:12:40 AM

Communication System:LTE (0); Frequency: 710 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.87 \text{ S/m}$; $\epsilon_r = 42.553$; $\rho = 1000 \text{ kg/m}^3$

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(9.94, 9.94, 9.94); Calibrated: 11/28/2013;

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

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

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) = 0.242 W/kg

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

Reference Value = 11.698 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.284 W/kg

SAR(1 g) = 0.236 W/kg; SAR(10 g) = 0.186 W/kg

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

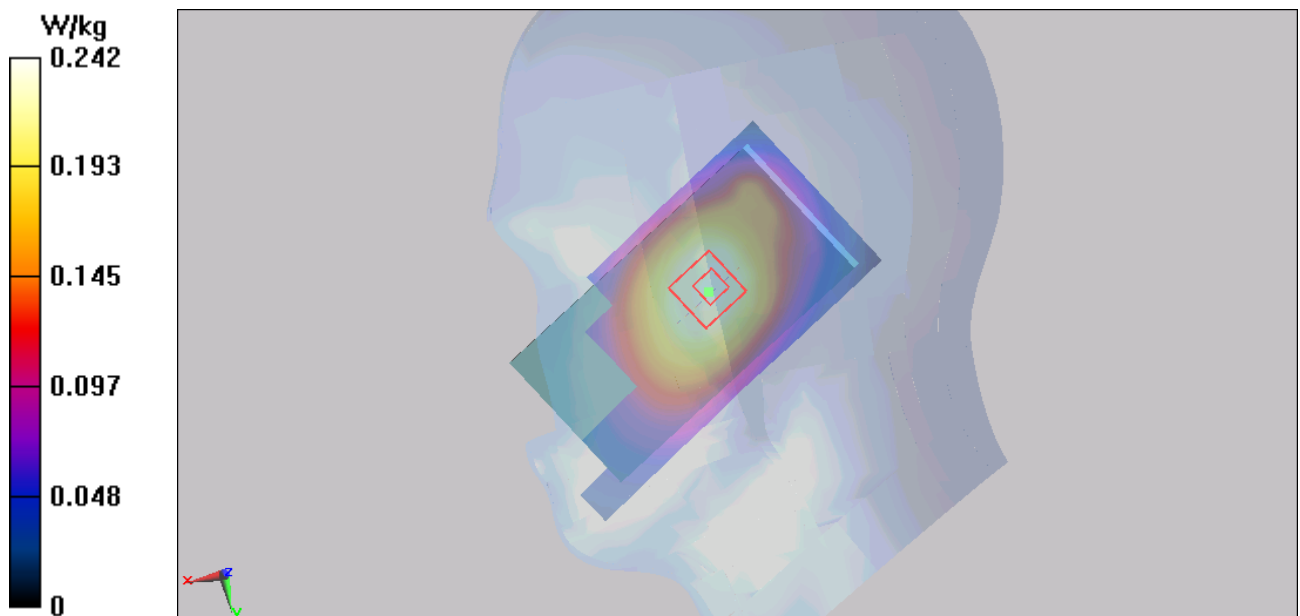


Figure 306 Right Hand Tilt 15° LTE Band 17 1RB Channel 23790

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LTE Band 17 1RB Right Tilt Low

Date/Time: 2/27/2014 6:59:43 AM

Communication System:LTE (0); Frequency: 709 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 709$ MHz; $\sigma = 0.869$ S/m; $\epsilon_r = 42.567$; $\rho = 1000$ 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(9.94, 9.94, 9.94); Calibrated: 11/28/2013;

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

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

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) = 0.229 W/kg

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

Reference Value = 11.533 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.265 W/kg

SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.176 W/kg

Maximum value of SAR (measured) = 0.231 W/kg

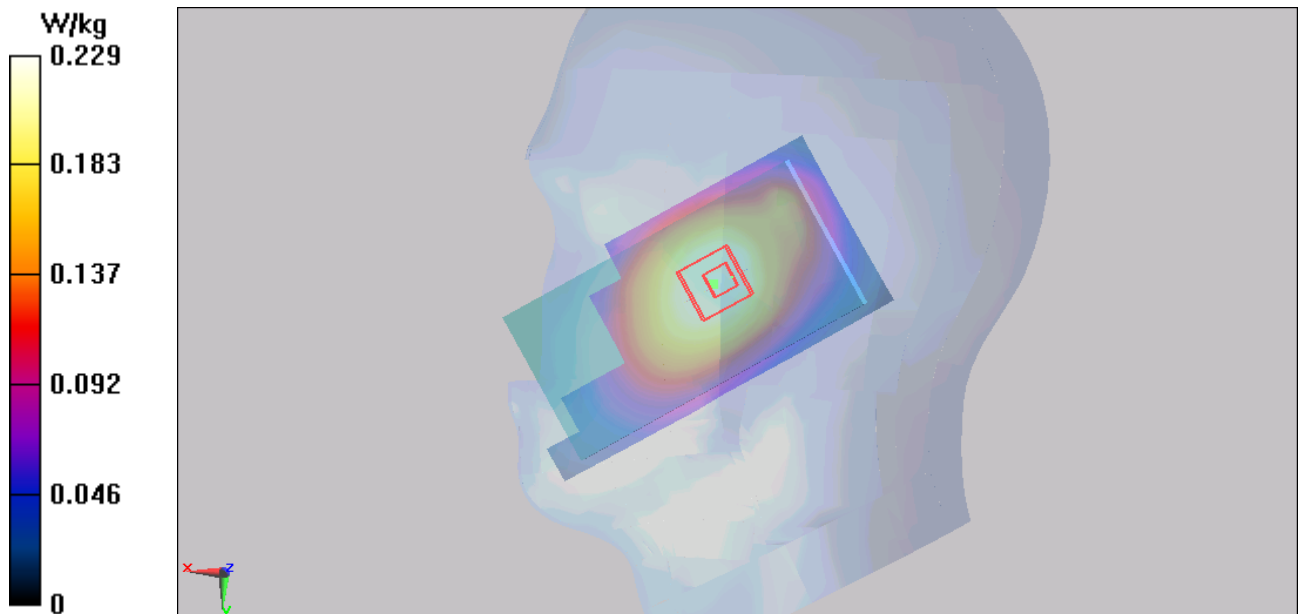


Figure 307 Right Hand Tilt 15° LTE Band 17 1RB Channel 23780

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LTE Band 17 1RB Left Cheek Middle (Battery 2)

Date/Time: 2/27/2014 5:28:17 PM

Communication System: LTE (0); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.87 \text{ S/m}$; $\epsilon_r = 42.553$; $\rho = 1000 \text{ kg/m}^3$

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(9.94, 9.94, 9.94); Calibrated: 11/28/2013;

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

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

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

Left Cheek Middle/Area Scan (51x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.352 W/kg

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

Reference Value = 5.956 V/m ; Power Drift = 0.024 dB

Peak SAR (extrapolated) = 0.400 W/kg

SAR(1 g) = 0.337 W/kg ; SAR(10 g) = 0.265 W/kg

Maximum value of SAR (measured) = 0.343 W/kg

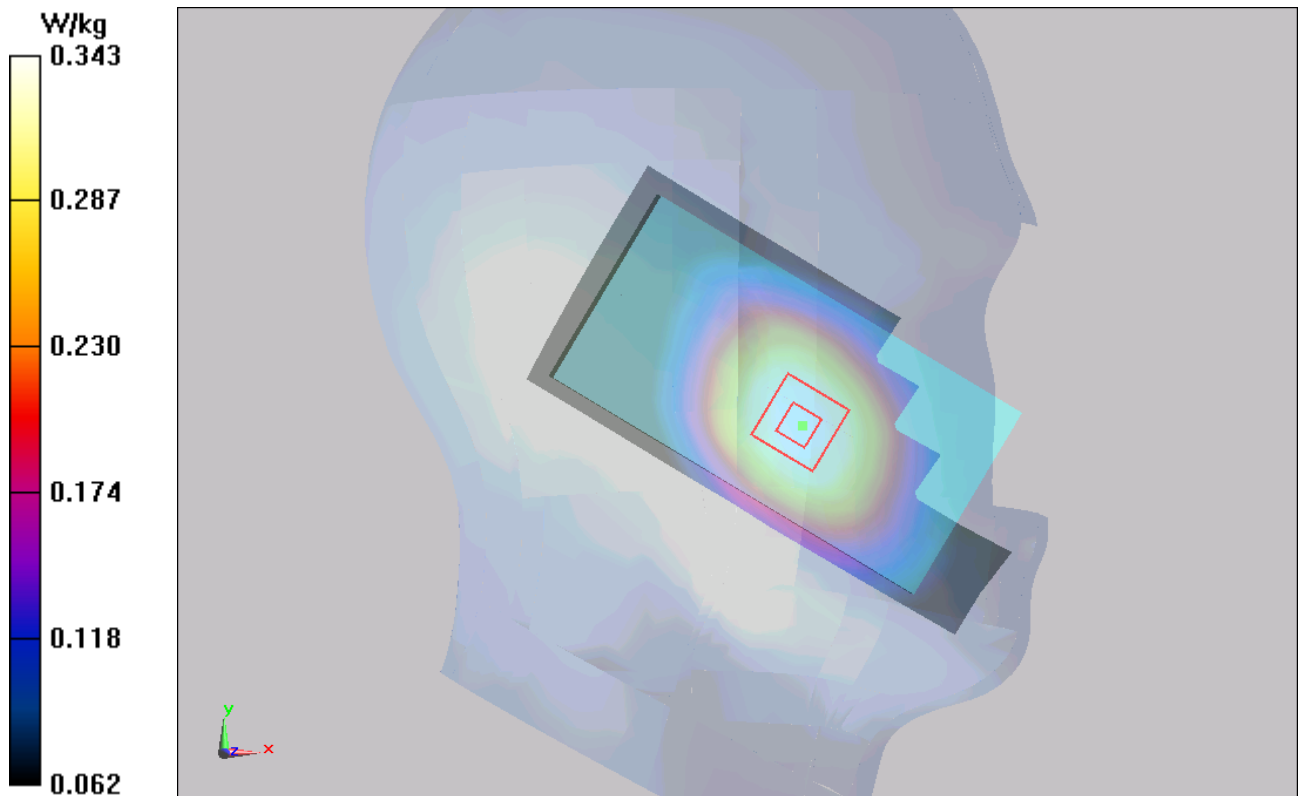


Figure 308 Left Hand Touch Cheek LTE Band 17 1RB Channel 23790

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LTE Band 17 1RB Back Side Middle

Date/Time: 3/2/2014 4:55:35 AM

Communication System:LTE (0); Frequency: 710 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.931$ S/m; $\epsilon_r = 54.734$; $\rho = 1000$ 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(9.72, 9.72, 9.72); Calibrated: 11/28/2013;

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

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

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) = 0.580 W/kg

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

Reference Value = 23.483 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.704 W/kg

SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.417 W/kg

Maximum value of SAR (measured) = 0.582 W/kg

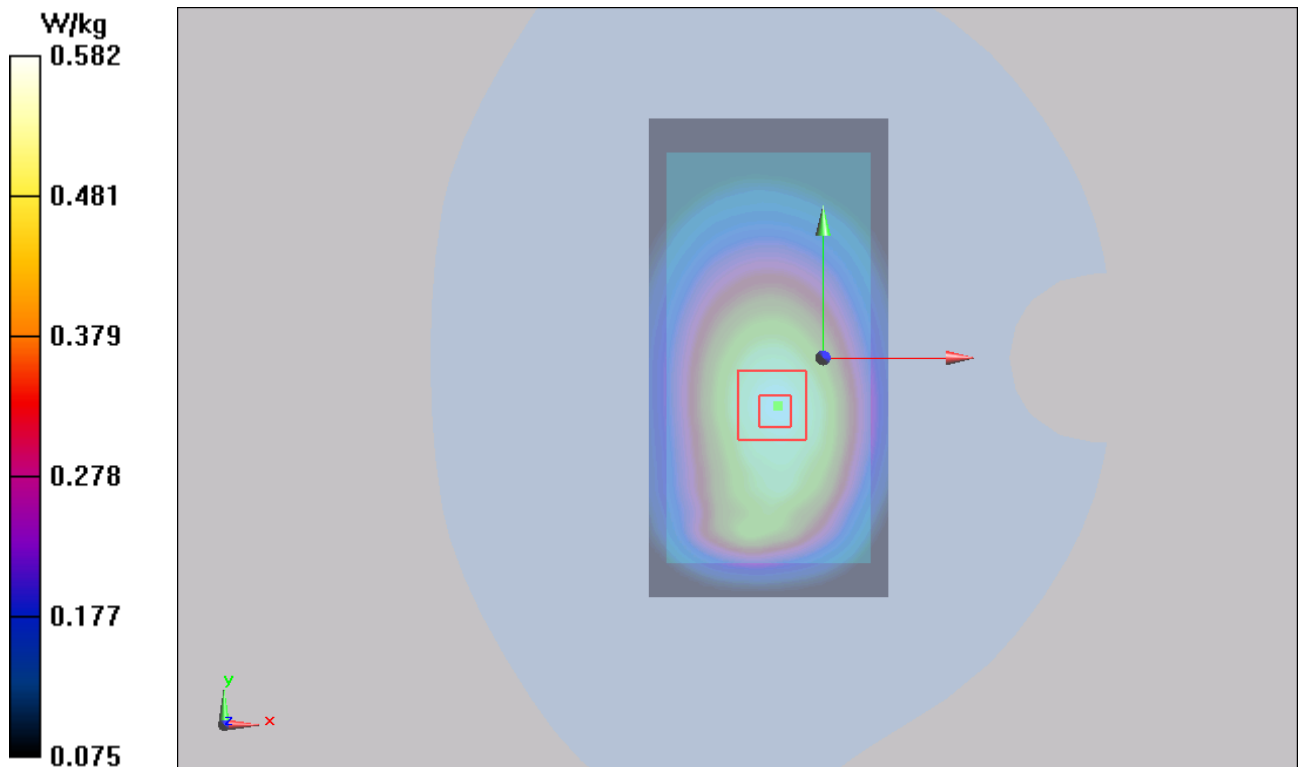


Figure 309 Body, Back Side, LTE Band 17 1RB Channel 23790

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LTE Band 17 1RB Front Side Middle

Date/Time: 3/2/2014 1:41:51 AM

Communication System:LTE (0); Frequency: 710 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.931$ S/m; $\epsilon_r = 54.734$; $\rho = 1000$ 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(9.72, 9.72, 9.72); Calibrated: 11/28/2013;

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

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

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) = 0.429 W/kg

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

Reference Value = 20.942 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.497 W/kg

SAR(1 g) = 0.409 W/kg; SAR(10 g) = 0.318 W/kg

Maximum value of SAR (measured) = 0.427 W/kg

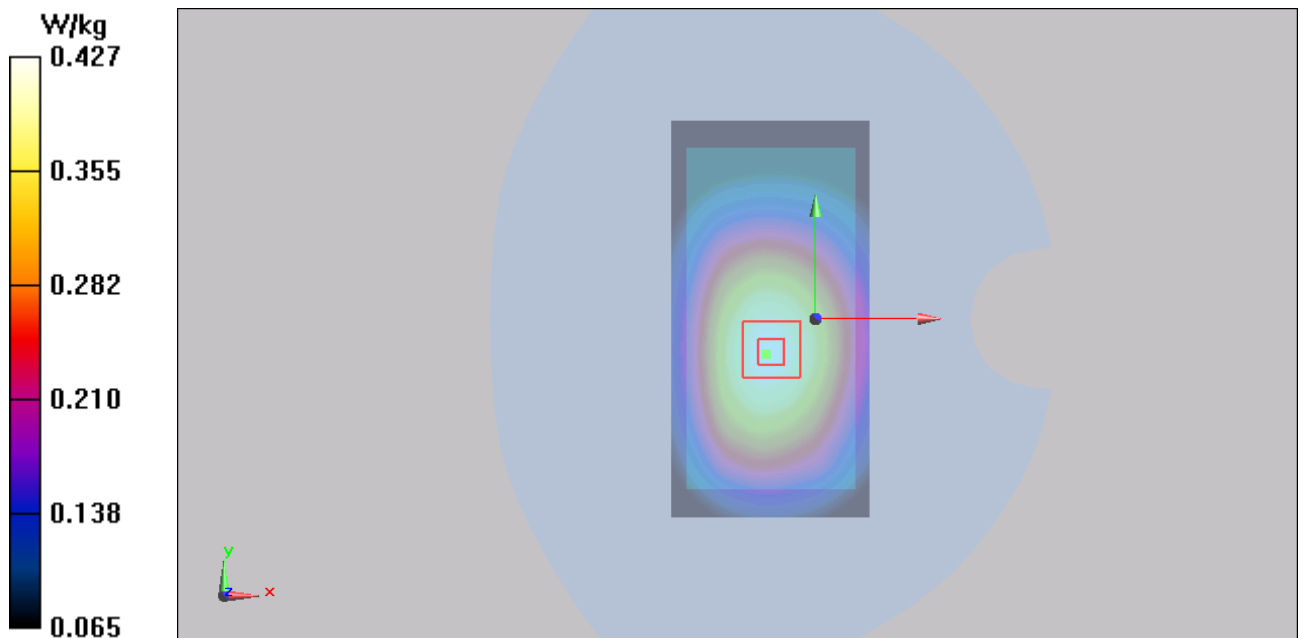


Figure 310 Body, Front Side, LTE Band 17 1RB Channel 23790

LTE Band 17 1RB Left Edge Middle

Date/Time: 3/2/2014 2:49:36 AM

Communication System:LTE (0); Frequency: 710 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.931$ S/m; $\epsilon_r = 54.734$; $\rho = 1000$ 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(9.72, 9.72, 9.72); Calibrated: 11/28/2013;

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

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

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) = 0.383 W/kg

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

Reference Value = 20.290 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.494 W/kg

SAR(1 g) = 0.363 W/kg; SAR(10 g) = 0.259 W/kg

Maximum value of SAR (measured) = 0.373 W/kg

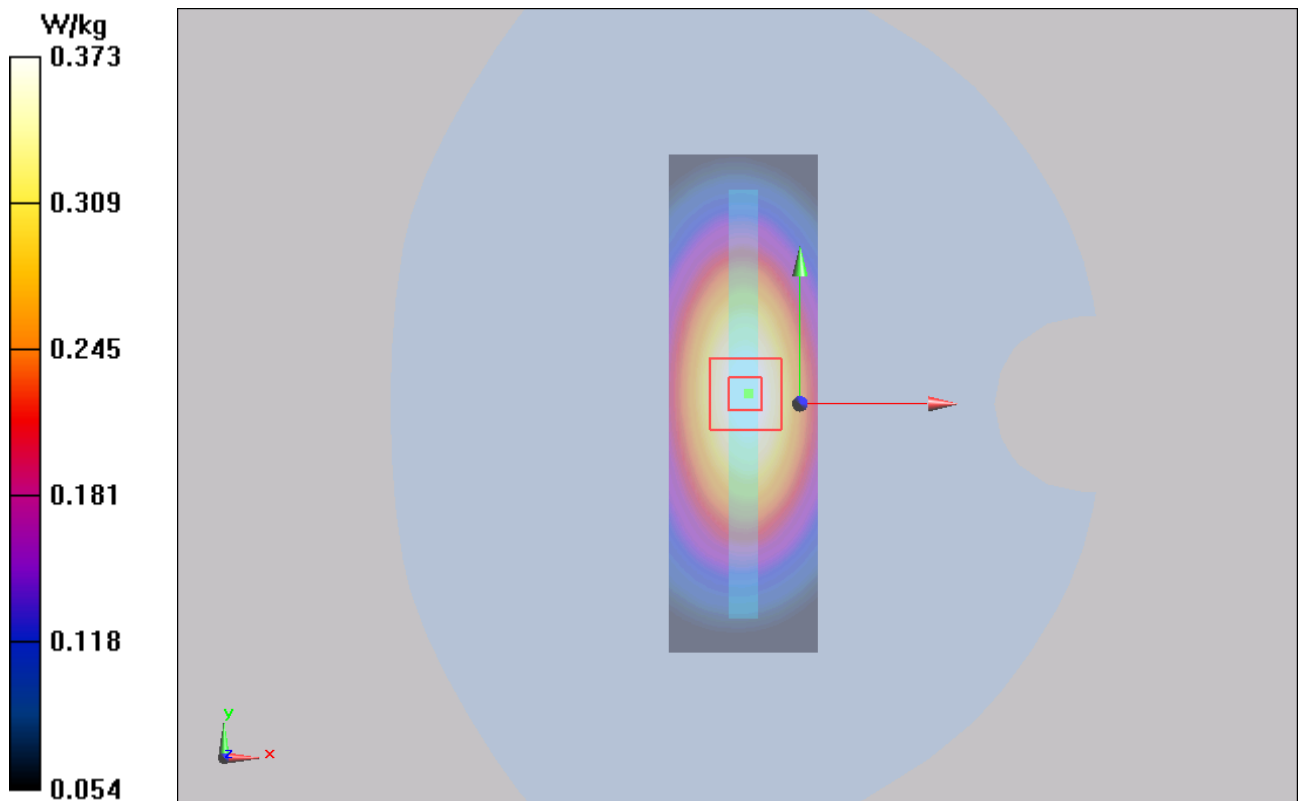


Figure 311 Body, Left Edge, LTE Band 17 1RB Channel 23790

LTE Band 17 1RB Right Edge Middle

Date/Time: 3/2/2014 3:01:56 AM

Communication System:LTE (0); Frequency: 710 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.931$ S/m; $\epsilon_r = 54.734$; $\rho = 1000$ 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(9.72, 9.72, 9.72); Calibrated: 11/28/2013;

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

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

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) = 0.419 W/kg

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

Reference Value = 21.350 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.540 W/kg

SAR(1 g) = 0.400 W/kg; SAR(10 g) = 0.288 W/kg

Maximum value of SAR (measured) = 0.424 W/kg

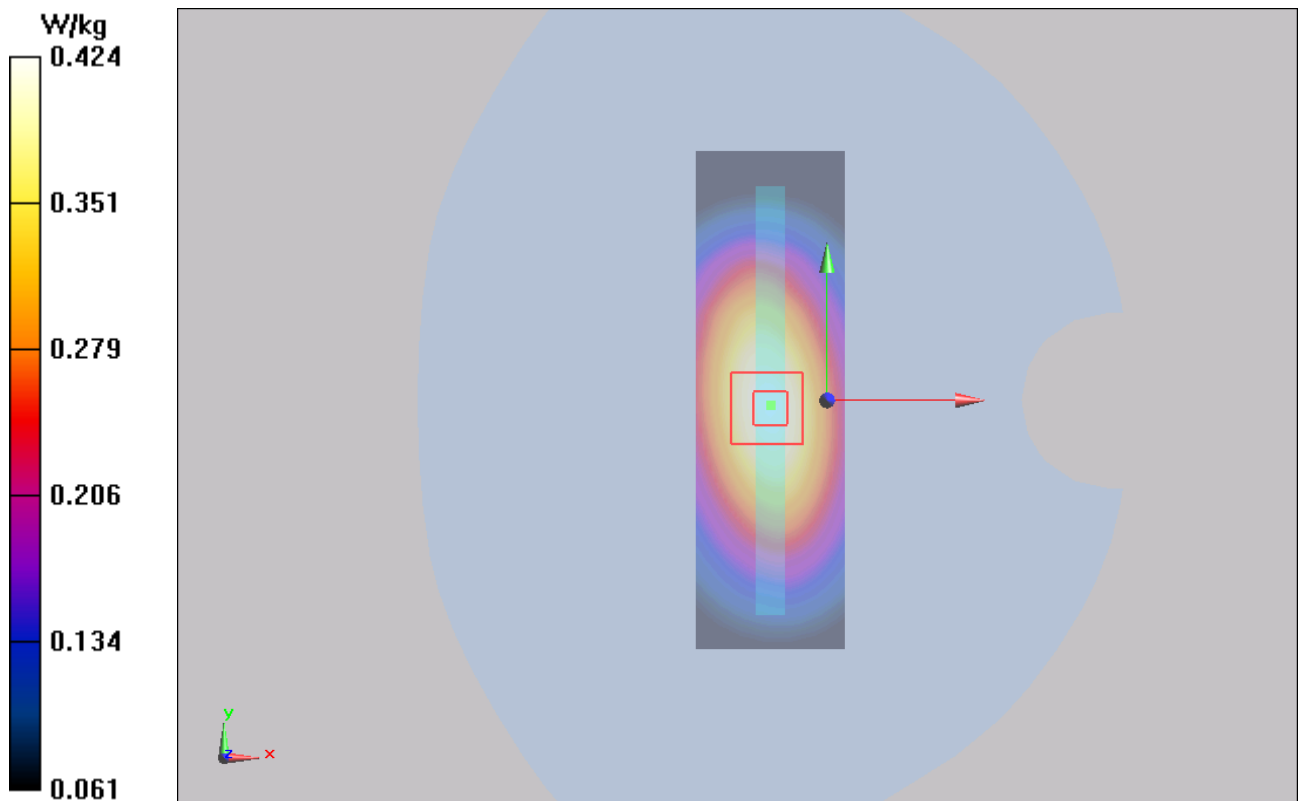


Figure 312 Body, Right Edge, LTE Band 17 1RB Channel 23790

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LTE Band 17 1RB Bottom Side Middle

Date/Time: 3/2/2014 3:54:41 AM

Communication System: LTE (0); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.931$ S/m; $\epsilon_r = 54.734$; $\rho = 1000$ 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(9.72, 9.72, 9.72); Calibrated: 11/28/2013;

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

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

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) = 0.0699 W/kg

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

Reference Value = 8.449 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.111 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.039 W/kg

Maximum value of SAR (measured) = 0.0656 W/kg

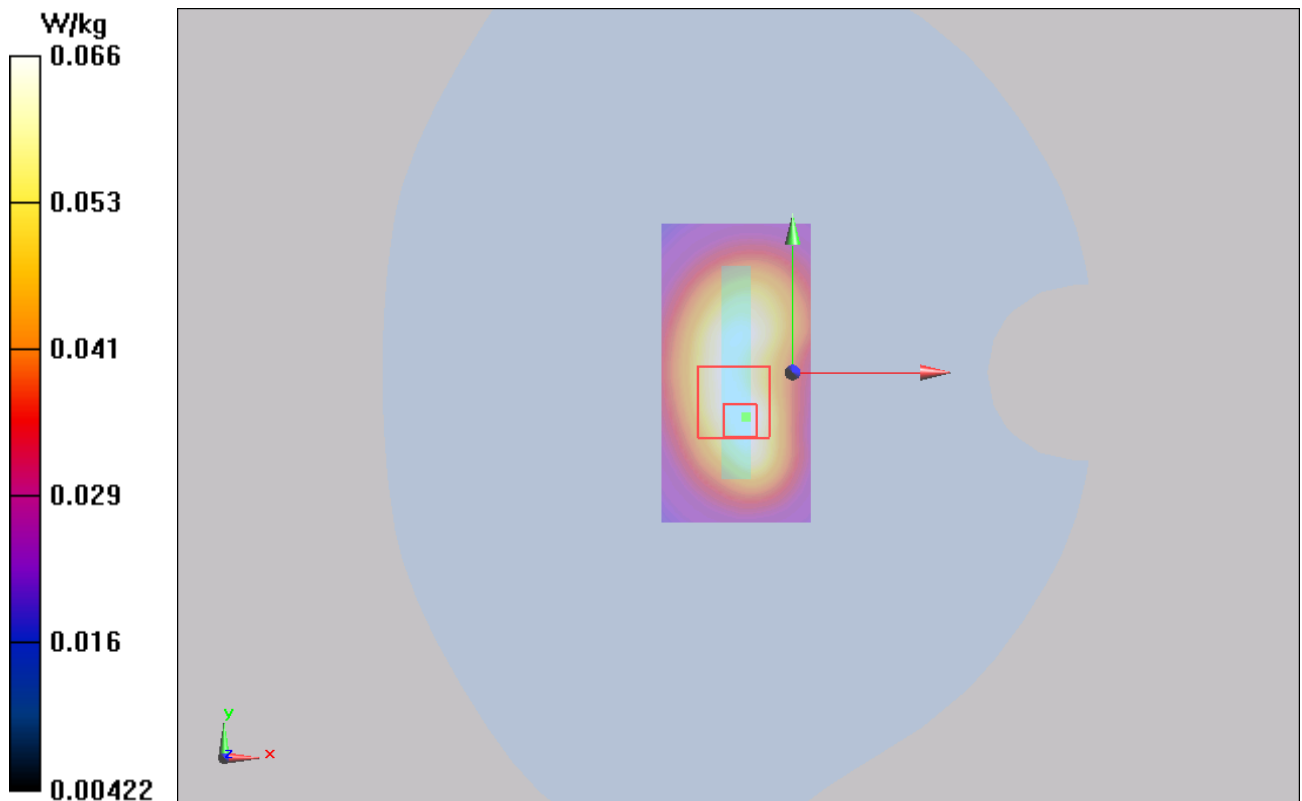


Figure 313 Body, Bottom Side, LTE Band 17 1RB Channel 23790

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LTE Band 17 1RB Back Side Middle (Battery 2)

Date/Time: 3/2/2014 4:07:07 AM

Communication System:LTE (0); Frequency: 710 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.931$ S/m; $\epsilon_r = 54.734$; $\rho = 1000$ 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(9.72, 9.72, 9.72); Calibrated: 11/28/2013;

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

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

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) = 0.704 W/kg

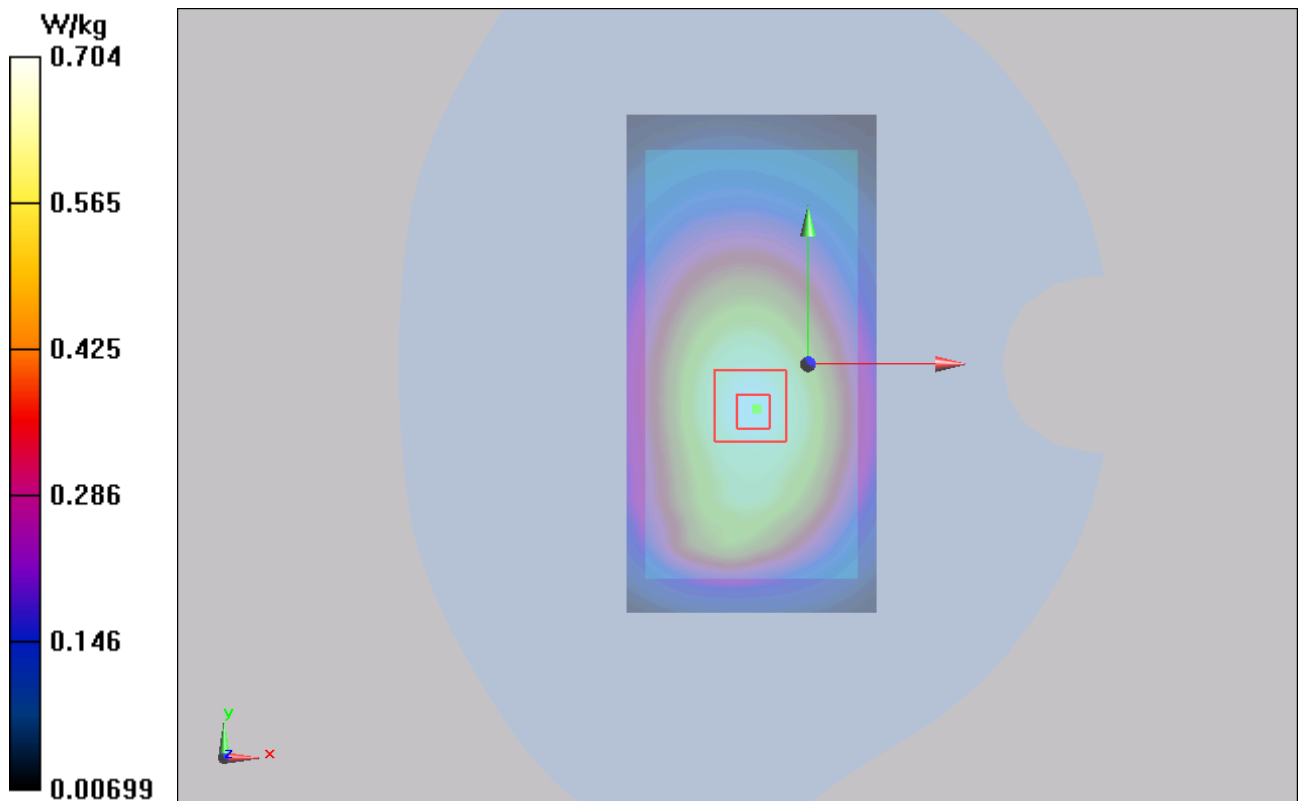
Back Side Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.643 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.845 W/kg

SAR(1 g) = 0.676 W/kg; SAR(10 g) = 0.516 W/kg

Maximum value of SAR (measured) = 0.708 W/kg



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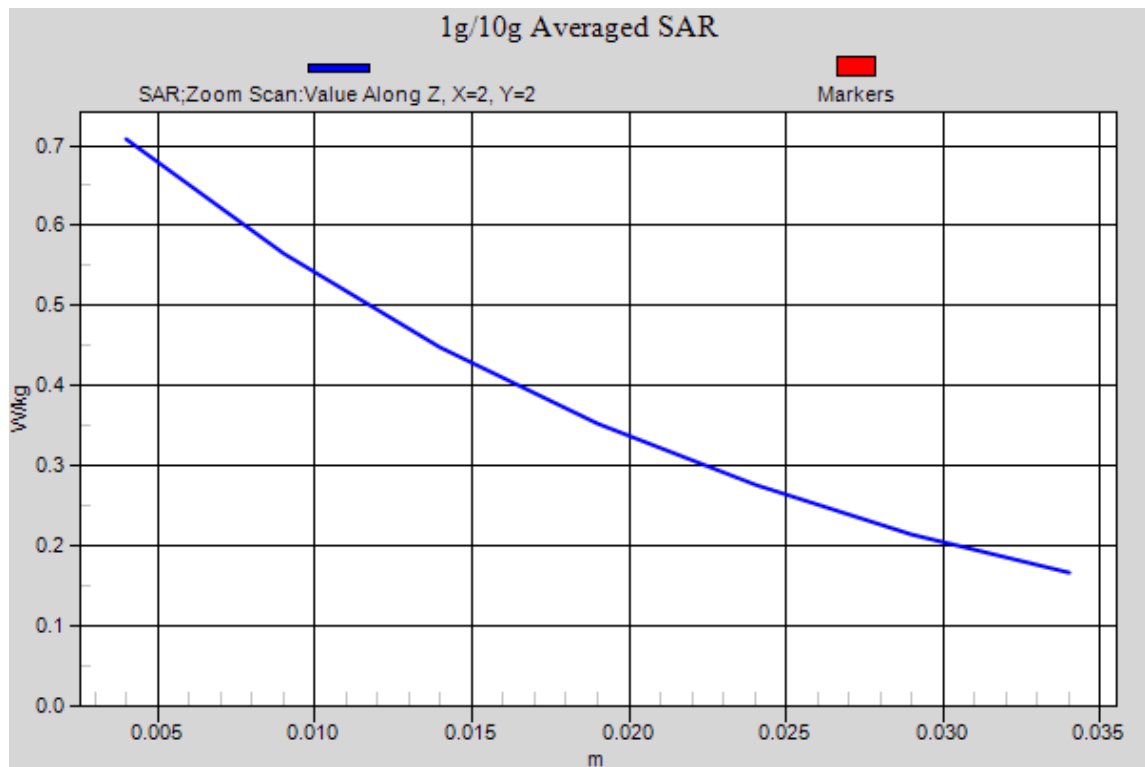


Figure 314 Body, Back Side, LTE Band 17 1RB Channel 23790

LTE Band 17 50%RB Left Cheek High

Date/Time: 2/27/2014 4:56:33 PM

Communication System: LTE (0); Frequency: 711 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.871 \text{ S/m}$; $\epsilon_r = 42.542$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $22.3 \text{ }^\circ\text{C}$ Liquid Temperature: $21.5 \text{ }^\circ\text{C}$

Phantom section: Left Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 - SN3677; ConvF(9.94, 9.94, 9.94); Calibrated: 11/28/2013;

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

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

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

Left Cheek High/Area Scan (51x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.330 W/kg

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

Reference Value = 5.168 V/m ; Power Drift = 0.054 dB

Peak SAR (extrapolated) = 0.393 W/kg

SAR(1 g) = 0.316 W/kg ; SAR(10 g) = 0.243 W/kg

Maximum value of SAR (measured) = 0.330 W/kg

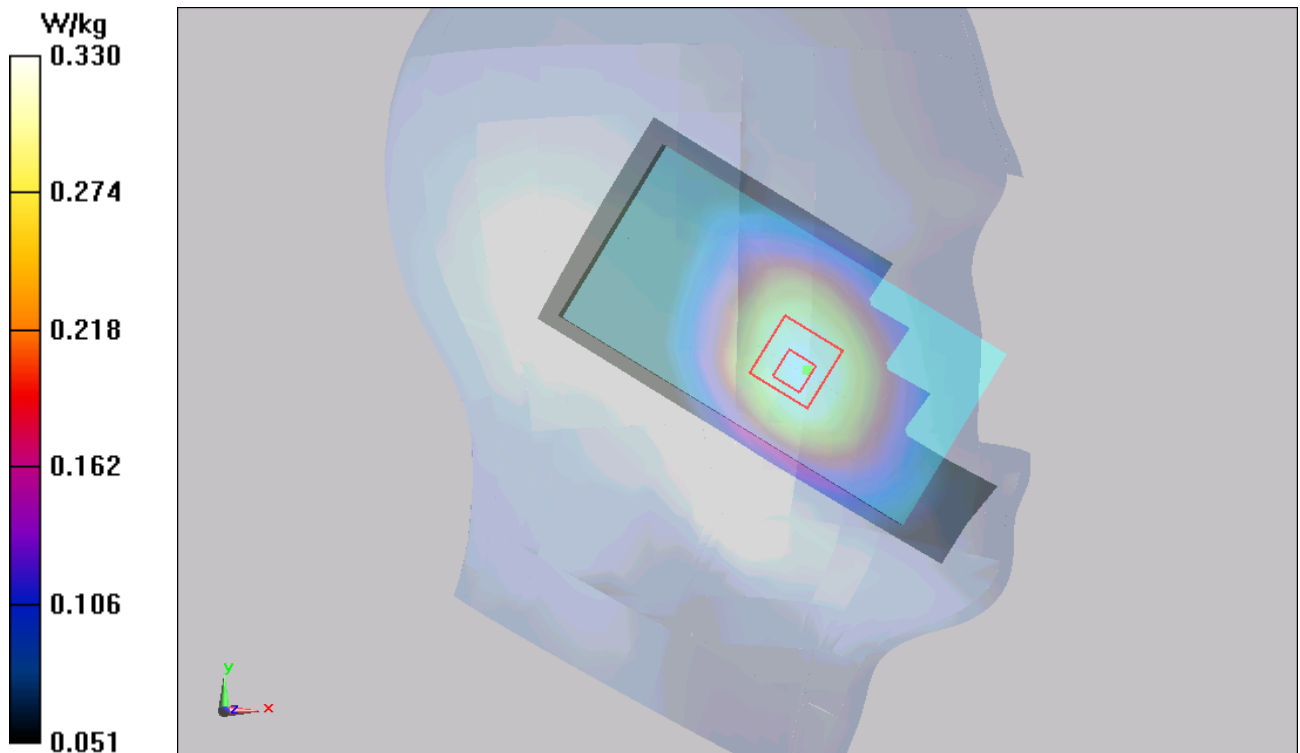


Figure 315 Left Hand Touch Cheek LTE Band 17 50%RB Channel 23800

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LTE Band 17 50%RB Left Cheek Middle

Date/Time: 2/27/2014 4:40:42 PM

Communication System:LTE (0); Frequency: 710 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.87 \text{ S/m}$; $\epsilon_r = 42.553$; $\rho = 1000 \text{ kg/m}^3$

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(9.94, 9.94, 9.94); Calibrated: 11/28/2013;

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

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

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

Left Cheek Middle/Area Scan (51x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.326 W/kg

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

Reference Value = 5.277 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.388 W/kg

SAR(1 g) = 0.314 W/kg; SAR(10 g) = 0.242 W/kg

Maximum value of SAR (measured) = 0.329 W/kg

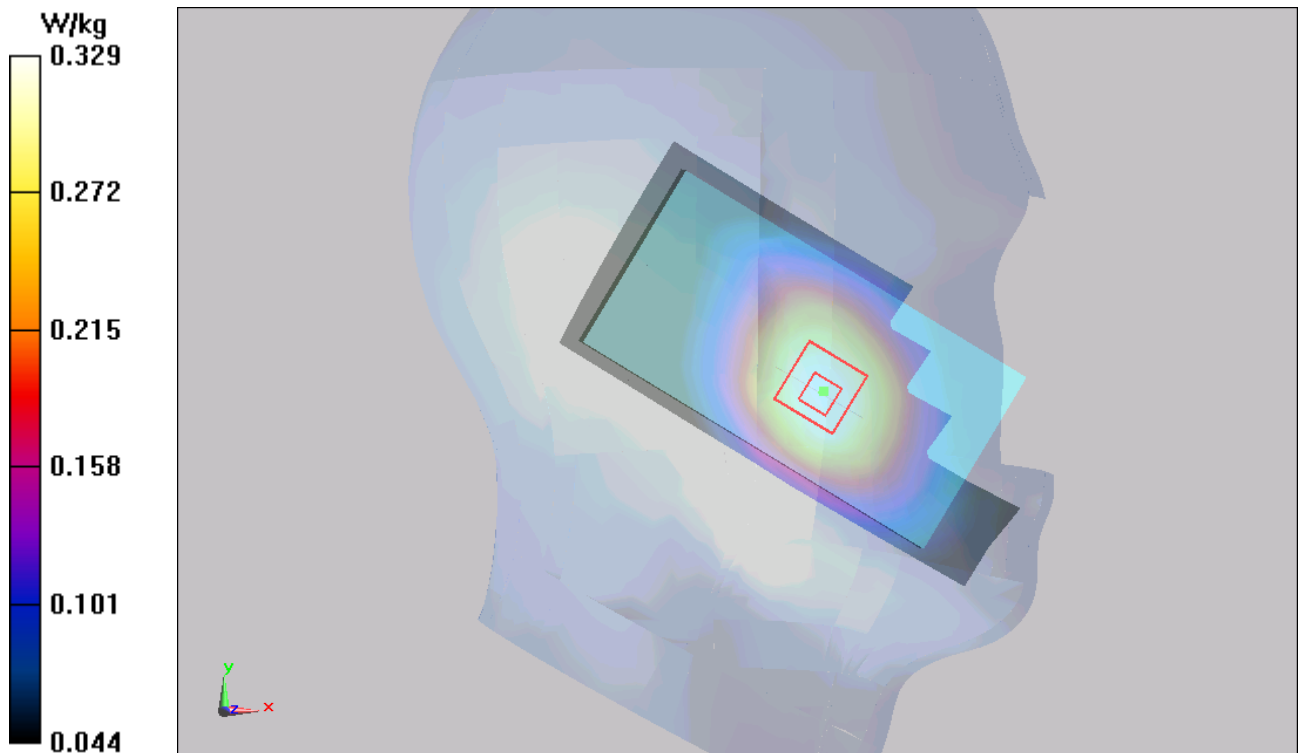


Figure 316 Left Hand Touch Cheek LTE Band 17 50%RB Channel 23790

TA Technology (Shanghai) Co., Ltd.

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LTE Band 17 50%RB Left Cheek Low

Date/Time: 2/27/2014 7:11:42 AM

Communication System:LTE (0); Frequency: 709 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 709$ MHz; $\sigma = 0.869$ S/m; $\epsilon_r = 42.567$; $\rho = 1000$ 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(9.94, 9.94, 9.94); Calibrated: 11/28/2013;

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

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

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) = 0.325 W/kg

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

Reference Value = 5.829 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.380 W/kg

SAR(1 g) = 0.312 W/kg; SAR(10 g) = 0.240 W/kg

Maximum value of SAR (measured) = 0.322 W/kg

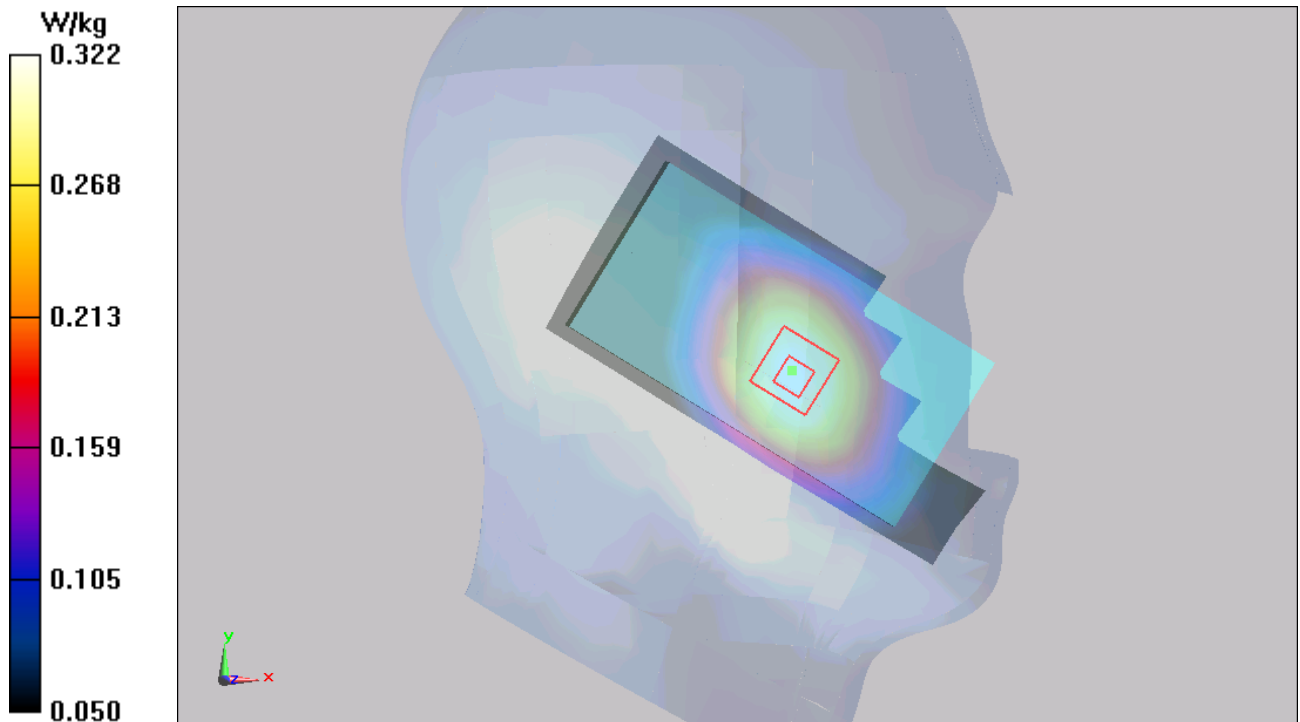


Figure 317 Left Hand Touch Cheek LTE Band 17 50%RB Channel 23780

TA Technology (Shanghai) Co., Ltd.

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LTE Band 17 50%RB Left Tilt High

Date/Time: 2/27/2014 7:29:34 AM

Communication System:LTE (0); Frequency: 711 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 711$ MHz; $\sigma = 0.871$ S/m; $\epsilon_r = 42.542$; $\rho = 1000$ 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(9.94, 9.94, 9.94); Calibrated: 11/28/2013;

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

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

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) = 0.209 W/kg

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

Reference Value = 8.916 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.235 W/kg

SAR(1 g) = 0.198 W/kg; SAR(10 g) = 0.156 W/kg

Maximum value of SAR (measured) = 0.202 W/kg

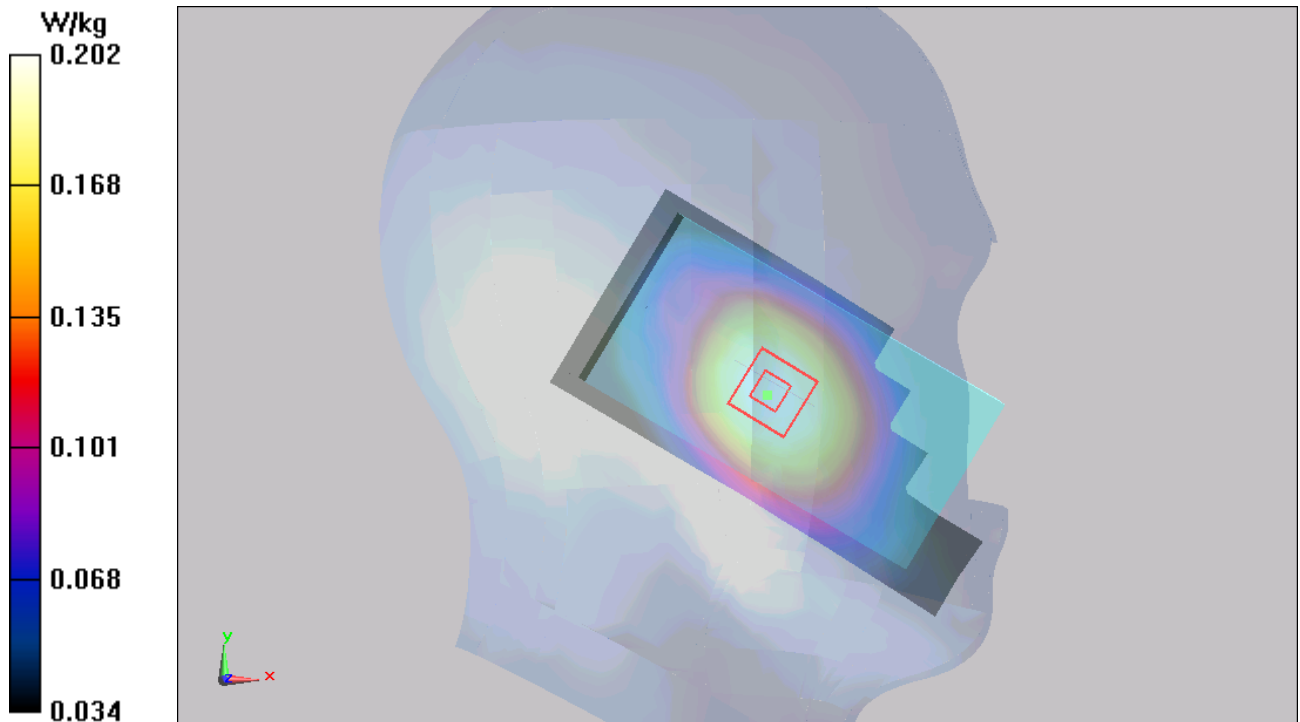


Figure 318 Left Hand Tilt 15° LTE Band 17 50%RB Channel 23800

TA Technology (Shanghai) Co., Ltd.

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LTE Band 17 50%RB Left Tilt Middle

Date/Time: 2/27/2014 7:42:30 AM

Communication System:LTE (0); Frequency: 710 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.87$ S/m; $\epsilon_r = 42.553$; $\rho = 1000$ 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(9.94, 9.94, 9.94); Calibrated: 11/28/2013;

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

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

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) = 0.205 W/kg

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

Reference Value = 8.810 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.228 W/kg

SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.151 W/kg

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

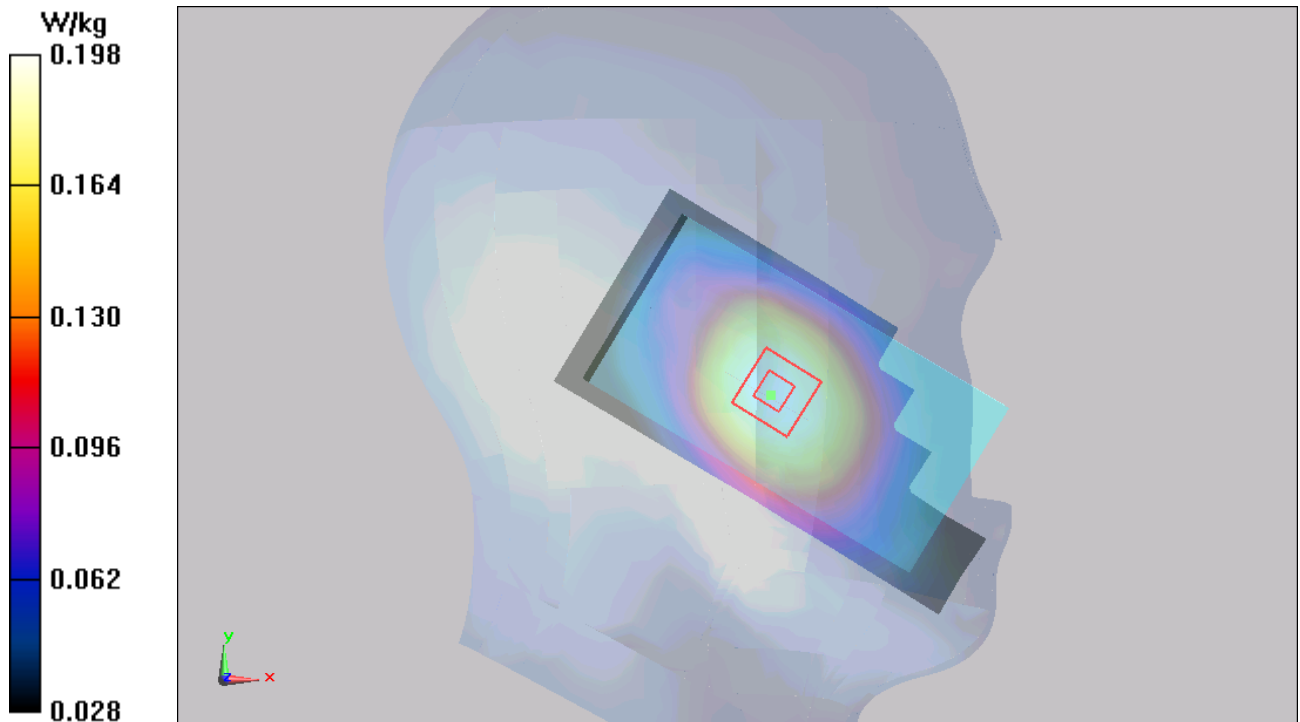


Figure 319 Left Hand Tilt 15° LTE Band 17 50%RB Channel 23790

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LTE Band 17 50%RB Left Tilt Low

Date/Time: 2/27/2014 7:58:11 AM

Communication System: LTE (0); Frequency: 709 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 709$ MHz; $\sigma = 0.869$ S/m; $\epsilon_r = 42.567$; $\rho = 1000$ 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(9.94, 9.94, 9.94); Calibrated: 11/28/2013;

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

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

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) = 0.200 W/kg

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

Reference Value = 8.754 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.224 W/kg

SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.149 W/kg

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

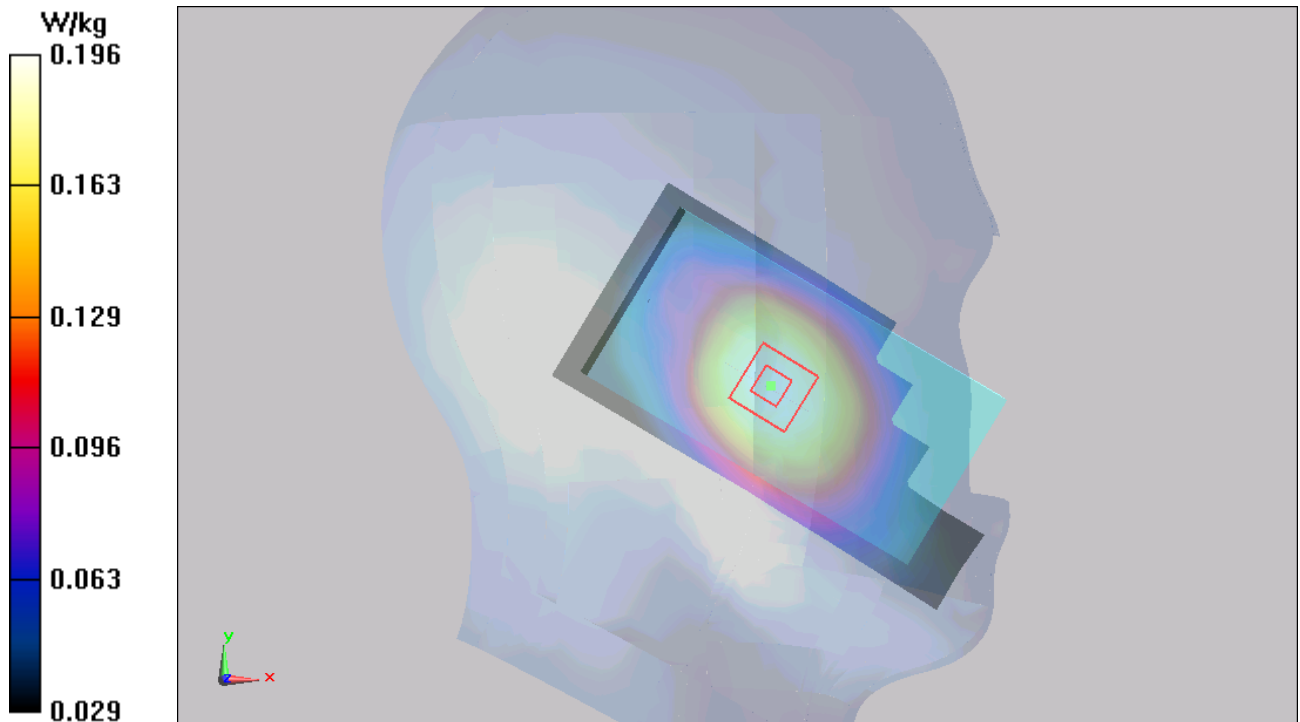


Figure 320 Left Hand Tilt 15° LTE Band 17 50%RB Channel 23780

LTE Band 17 50%RB Right Cheek High

Date/Time: 2/27/2014 2:55:47 PM

Communication System:LTE (0); Frequency: 711 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 711$ MHz; $\sigma = 0.871$ S/m; $\epsilon_r = 42.542$; $\rho = 1000$ 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(9.94, 9.94, 9.94); Calibrated: 11/28/2013;

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

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

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) = 0.277 W/kg

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

Reference Value = 5.104 V/m; Power Drift = 0.044 dB

Peak SAR (extrapolated) = 0.325 W/kg

SAR(1 g) = 0.268 W/kg; SAR(10 g) = 0.207 W/kg

Maximum value of SAR (measured) = 0.280 W/kg

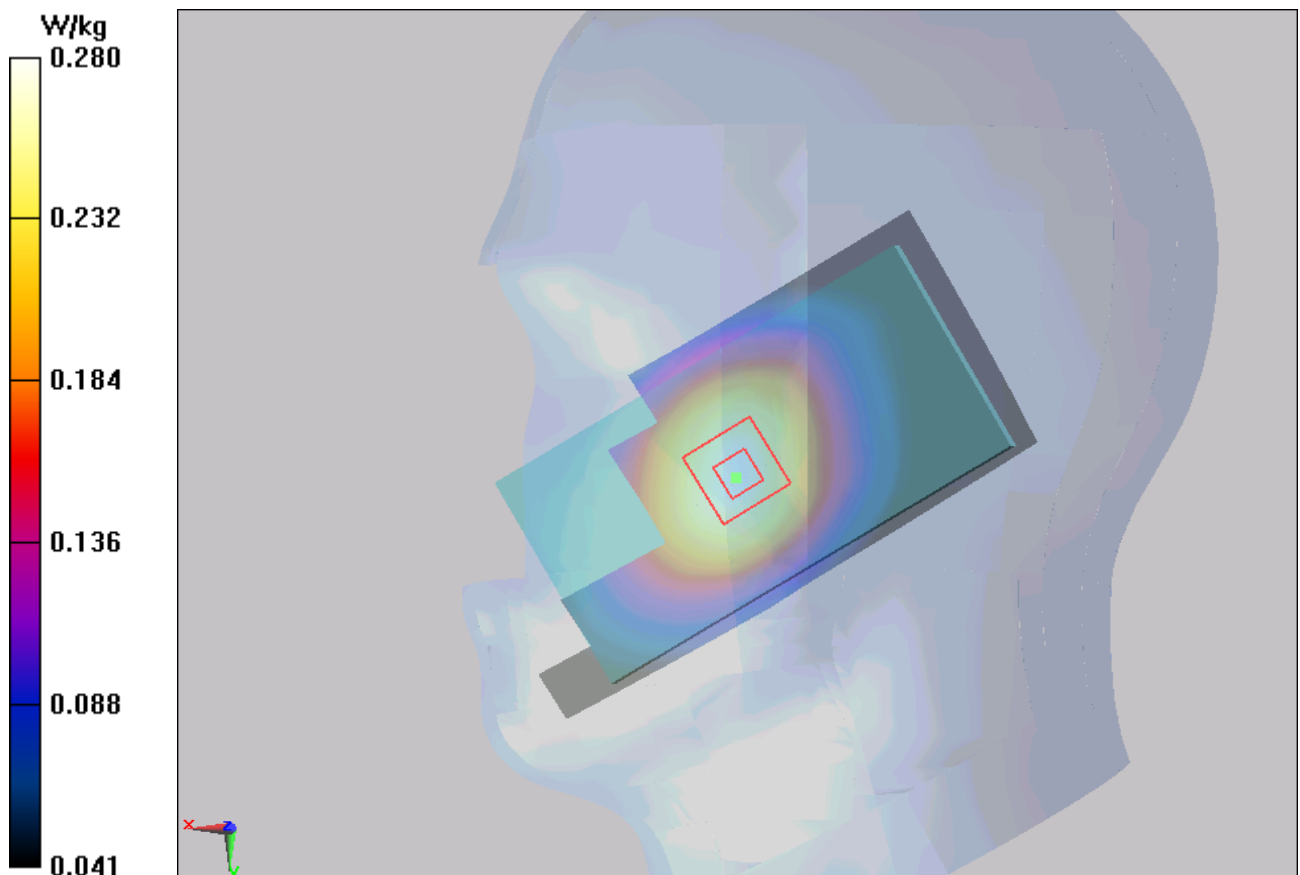


Figure 321 Right Hand Touch Cheek LTE Band 17 50%RB Channel 23800

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LTE Band 17 50%RB Right Cheek Middle

Date/Time: 2/27/2014 3:11:31 PM

Communication System: LTE (0); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.87 \text{ S/m}$; $\epsilon_r = 42.553$; $\rho = 1000 \text{ kg/m}^3$

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(9.94, 9.94, 9.94); Calibrated: 11/28/2013;

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

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

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

Right Cheek Middle/Area Scan (51x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.275 W/kg

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

Reference Value = 5.134 V/m ; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 0.321 W/kg

SAR(1 g) = 0.265 W/kg ; SAR(10 g) = 0.205 W/kg

Maximum value of SAR (measured) = 0.275 W/kg

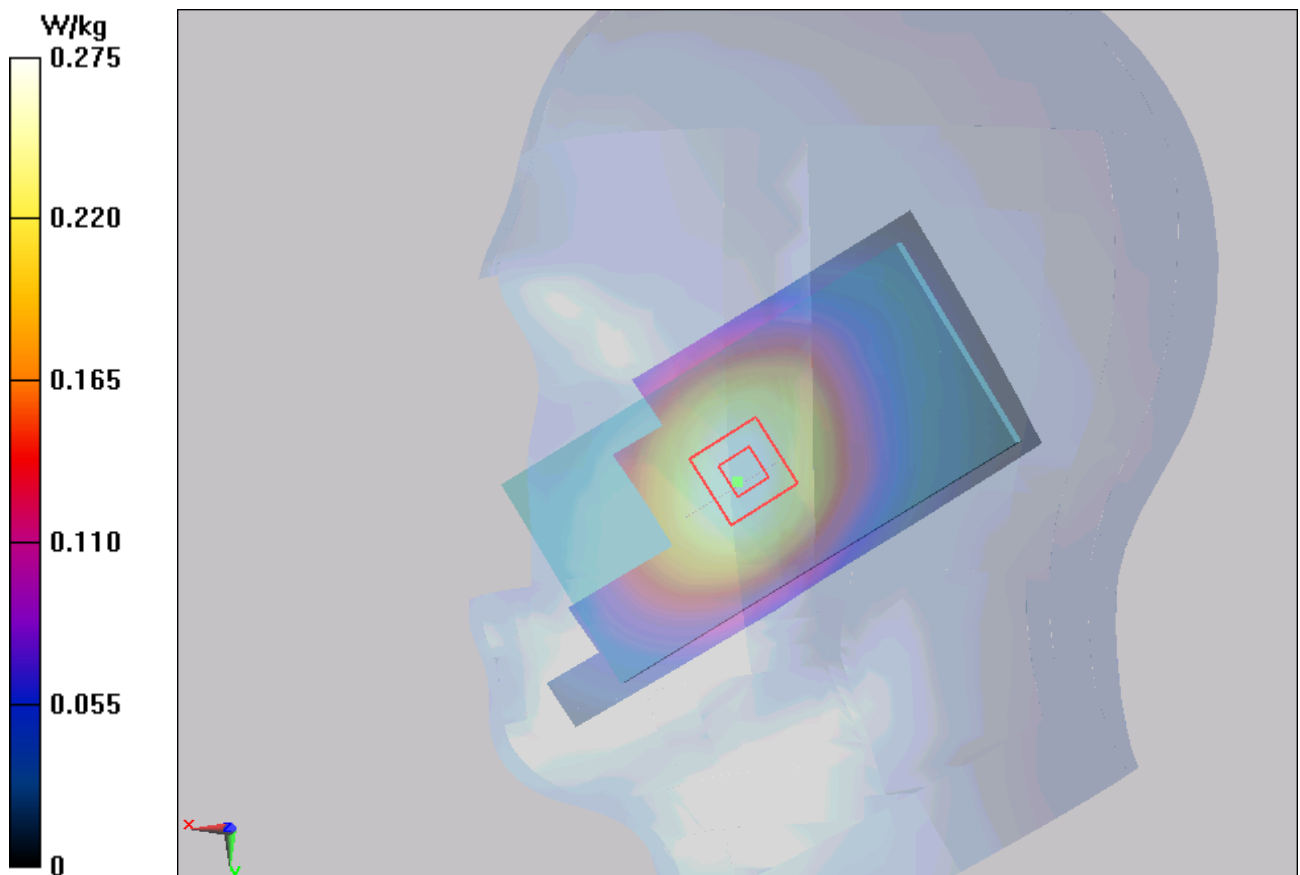


Figure 322 Right Hand Touch Cheek LTE Band 17 50%RB Channel 23790

LTE Band 17 50%RB Right Cheek Low

Date/Time: 2/27/2014 2:40:22 PM

Communication System:LTE (0); Frequency: 709 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 709$ MHz; $\sigma = 0.869$ S/m; $\epsilon_r = 42.567$; $\rho = 1000$ 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(9.94, 9.94, 9.94); Calibrated: 11/28/2013;

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

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

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) = 0.272 W/kg

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

Reference Value = 5.013 V/m; Power Drift = 0.038 dB

Peak SAR (extrapolated) = 0.317 W/kg

SAR(1 g) = 0.262 W/kg; SAR(10 g) = 0.202 W/kg

Maximum value of SAR (measured) = 0.272 W/kg

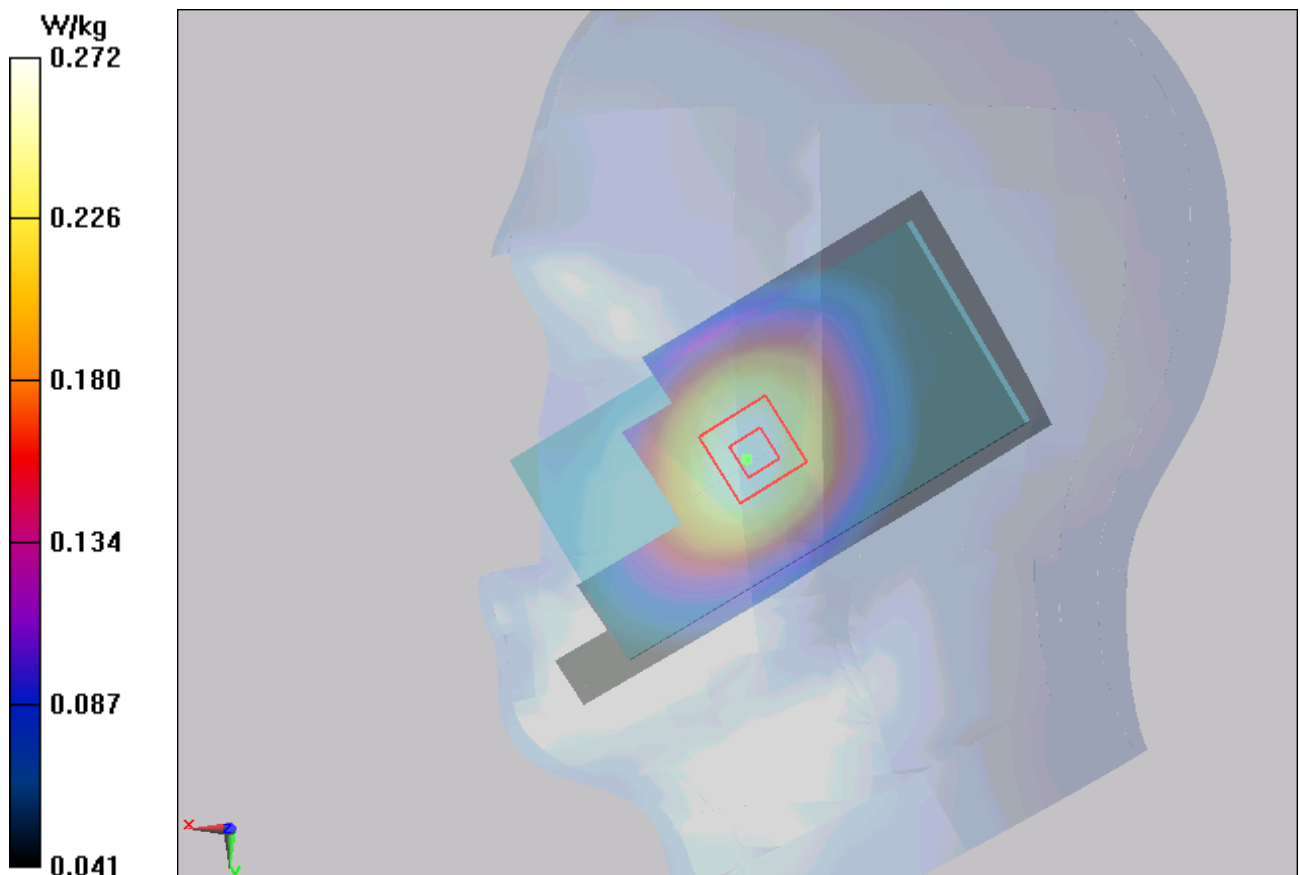


Figure 323 Right Hand Touch Cheek LTE Band 17 50%RB Channel 23780

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LTE Band 17 50%RB Right Tilt High

Date/Time: 2/27/2014 4:00:11 PM

Communication System:LTE (0); Frequency: 711 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 711$ MHz; $\sigma = 0.871$ S/m; $\epsilon_r = 42.542$; $\rho = 1000$ 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(9.94, 9.94, 9.94); Calibrated: 11/28/2013;

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

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

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) = 0.162 W/kg

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

Reference Value = 8.698 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.184 W/kg

SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.124 W/kg

Maximum value of SAR (measured) = 0.162 W/kg

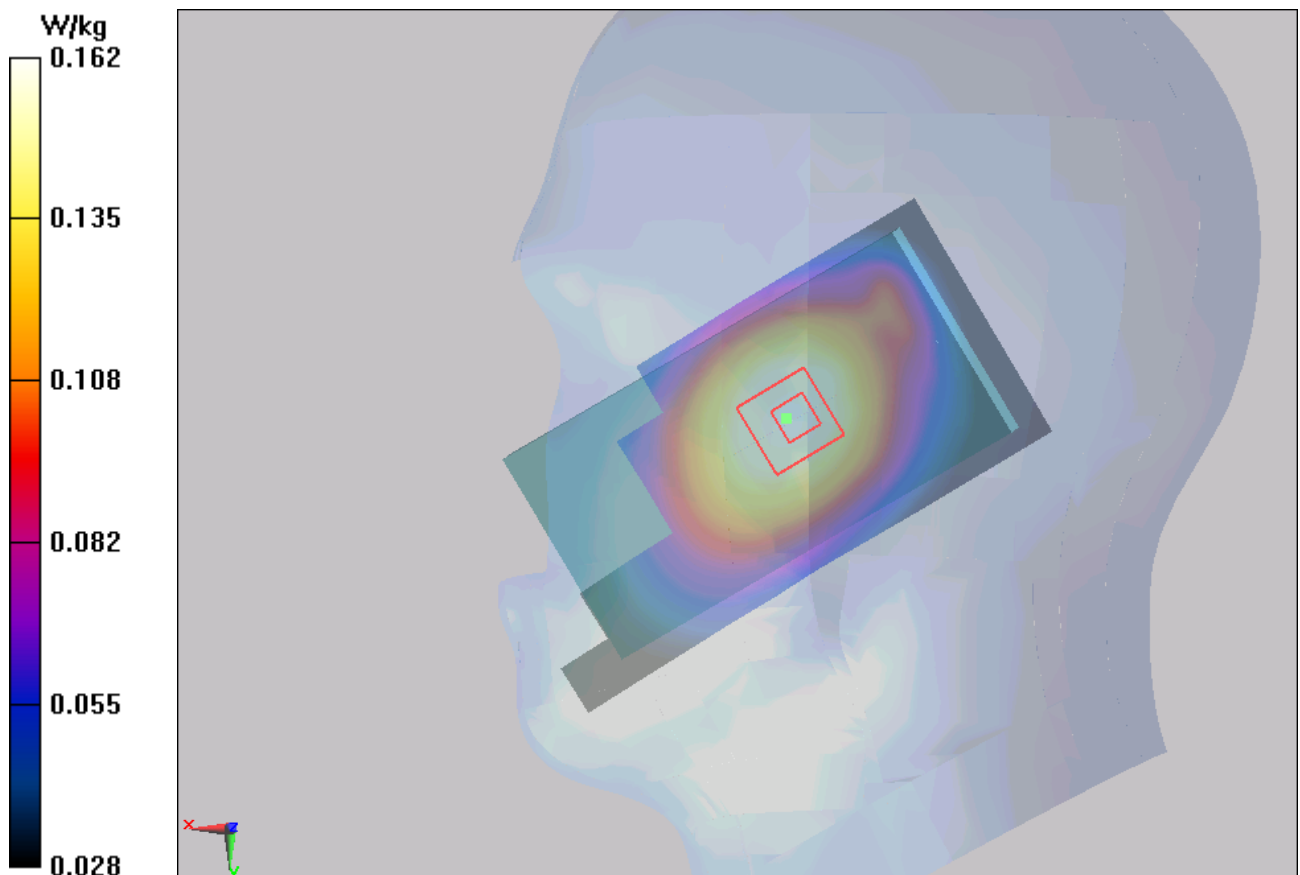


Figure 324 Right Hand Tilt 15° LTE Band 17 50%RB Channel 23800

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LTE Band 17 50%RB Right Tilt Middle

Date/Time: 2/27/2014 4:15:36 PM

Communication System:LTE (0); Frequency: 710 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.87$ S/m; $\epsilon_r = 42.553$; $\rho = 1000$ 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(9.94, 9.94, 9.94); Calibrated: 11/28/2013;

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

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

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) = 0.161 W/kg

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

Reference Value = 8.625 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.182 W/kg

SAR(1 g) = 0.154 W/kg; SAR(10 g) = 0.122 W/kg

Maximum value of SAR (measured) = 0.159 W/kg

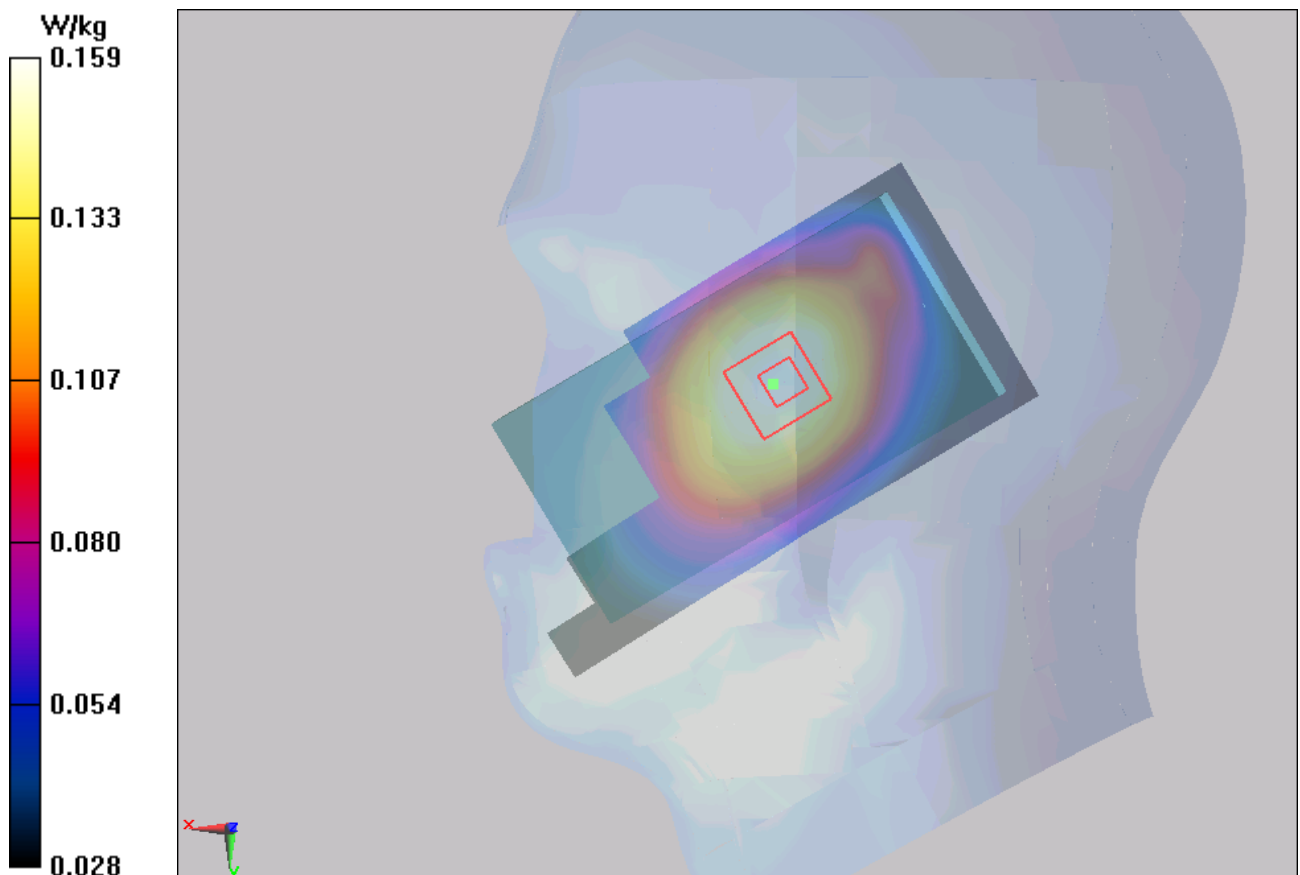


Figure 325 Right Hand Tilt 15° LTE Band 17 50%RB Channel 23790

LTE Band 17 50%RB Right Tilt Low

Date/Time: 2/27/2014 3:44:49 PM

Communication System:LTE (0); Frequency: 709 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 709$ MHz; $\sigma = 0.869$ S/m; $\epsilon_r = 42.567$; $\rho = 1000$ 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(9.94, 9.94, 9.94); Calibrated: 11/28/2013;

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

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

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) = 0.158 W/kg

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

Reference Value = 8.506 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.181 W/kg

SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.121 W/kg

Maximum value of SAR (measured) = 0.158 W/kg

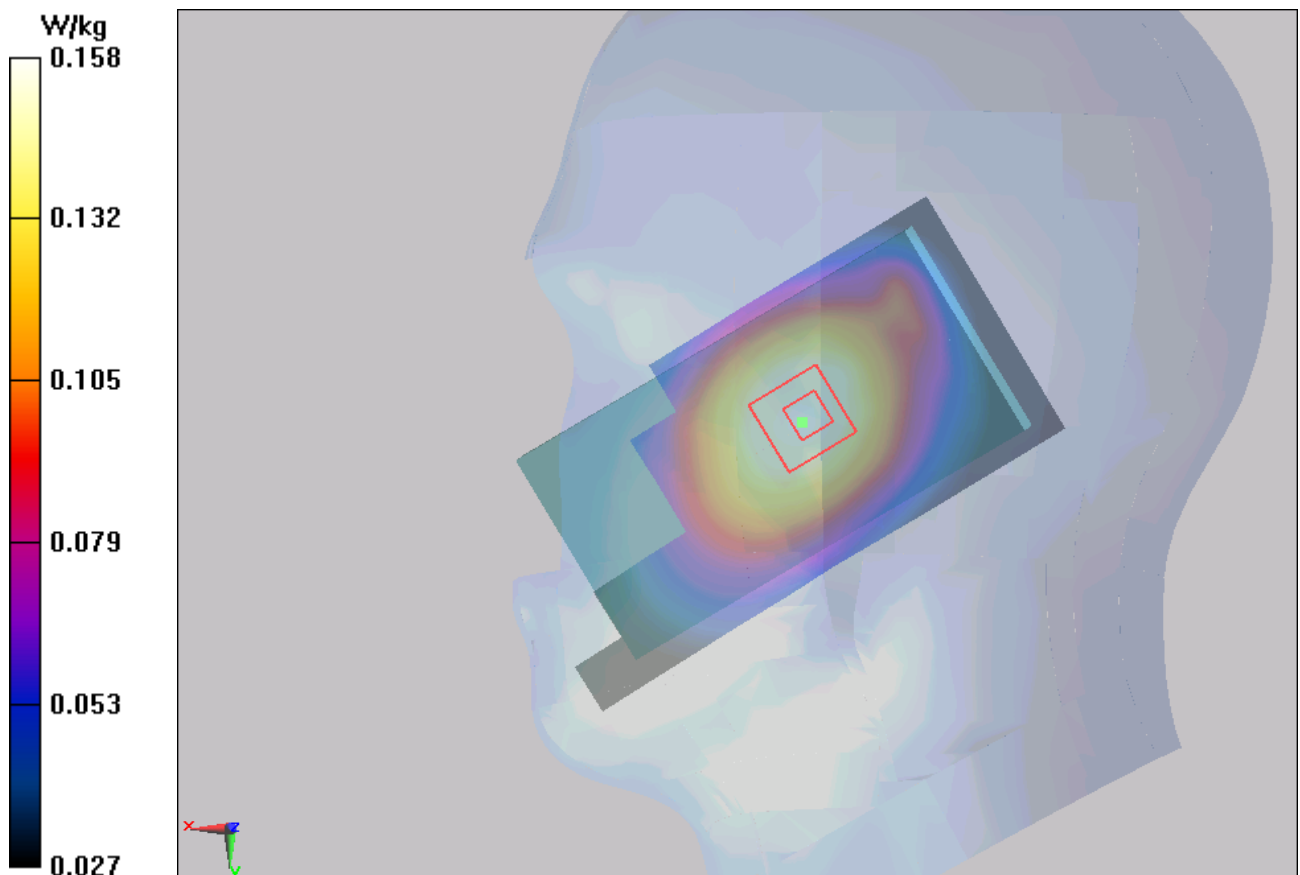


Figure 326 Right Hand Tilt 15° LTE Band 17 50%RB Channel 23780

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LTE Band 17 50%RB Left Cheek Middle (Battery 2)

Date/Time: 2/27/2014 5:16:18 PM

Communication System: LTE (0); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.87 \text{ S/m}$; $\epsilon_r = 42.553$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $22.3 \text{ }^\circ\text{C}$ Liquid Temperature: $21.5 \text{ }^\circ\text{C}$

Phantom section: Left Section

DASY5 Configuration:

Sensor-Surface: 4mm (Mechanical Surface Detection)

Probe: EX3DV4 - SN3677; ConvF(9.94, 9.94, 9.94); Calibrated: 11/28/2013;

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

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

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

Left Cheek Middle/Area Scan (51x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.334 W/kg

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

Reference Value = 5.944 V/m ; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 0.390 W/kg

SAR(1 g) = 0.321 W/kg ; SAR(10 g) = 0.247 W/kg

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

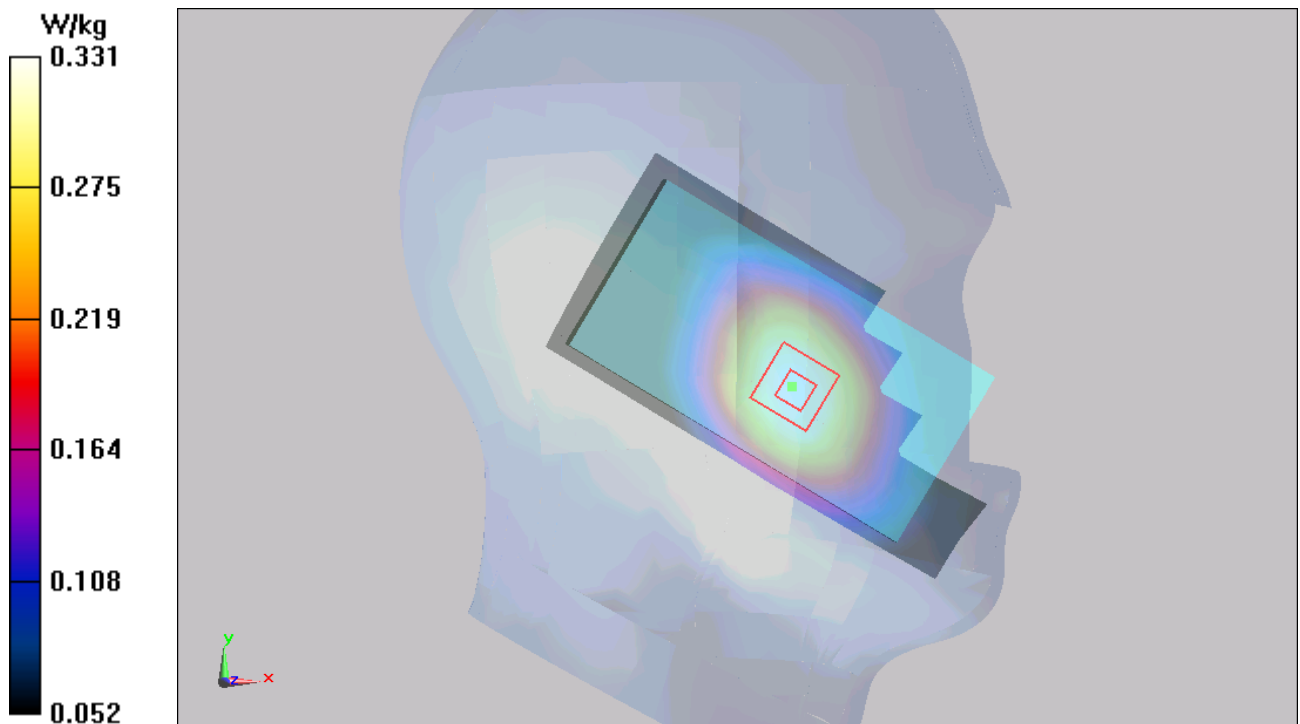


Figure 327 Left Hand Touch Cheek LTE Band 17 50%RB Channel 23790

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LTE Band 17 50%RB Back Side Middle

Date/Time: 3/2/2014 2:14:05 AM

Communication System: LTE (0); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.931$ S/m; $\epsilon_r = 54.734$; $\rho = 1000$ 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(9.72, 9.72, 9.72); Calibrated: 11/28/2013;

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

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

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) = 0.590 W/kg

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

Reference Value = 24.282 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.698 W/kg

SAR(1 g) = 0.563 W/kg; SAR(10 g) = 0.429 W/kg

Maximum value of SAR (measured) = 0.577 W/kg

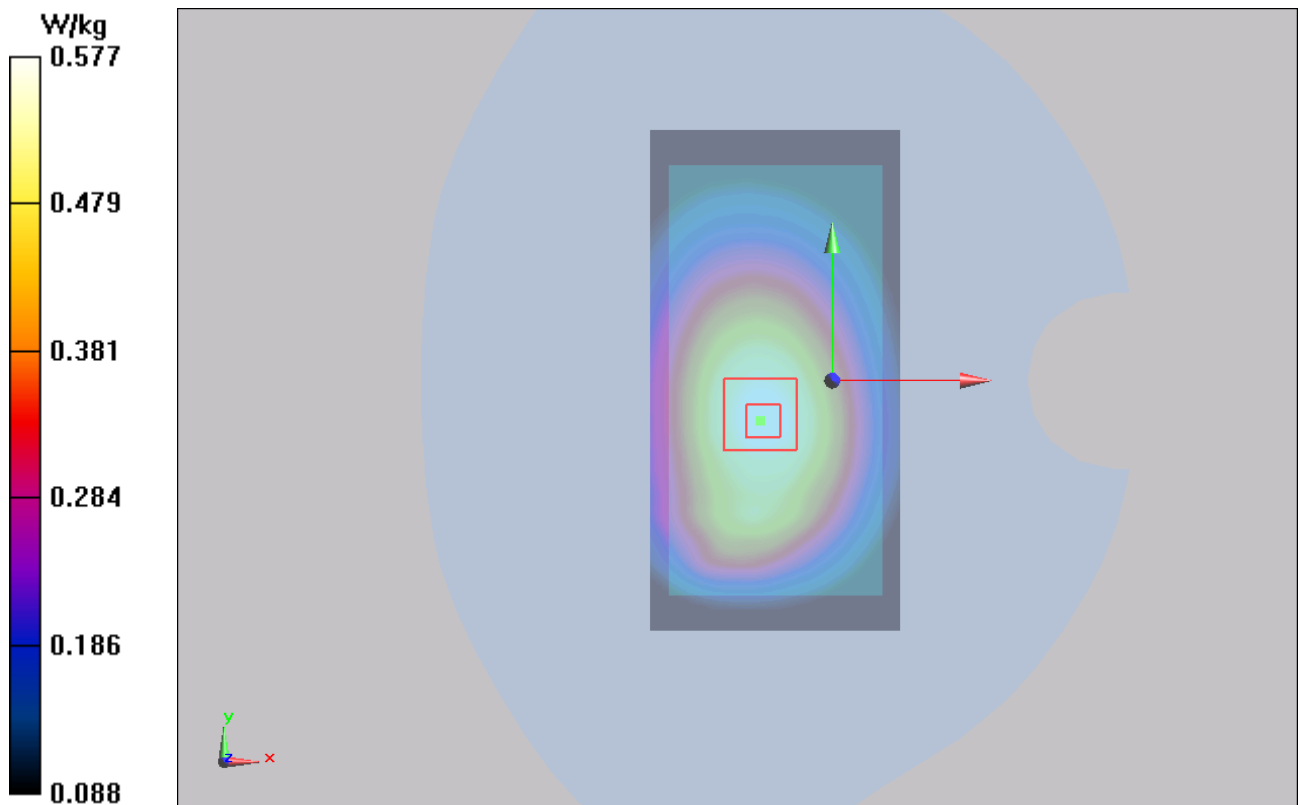


Figure 328 Body, Back Side, LTE Band 17 50%RB Channel 23790

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LTE Band 17 50%RB Front Side Middle

Date/Time: 3/2/2014 1:58:24 AM

Communication System:LTE (0); Frequency: 710 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.931$ S/m; $\epsilon_r = 54.734$; $\rho = 1000$ 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(9.72, 9.72, 9.72); Calibrated: 11/28/2013;

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

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

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) = 0.346 W/kg

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

Reference Value = 18.735 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.402 W/kg

SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.255 W/kg

Maximum value of SAR (measured) = 0.339 W/kg

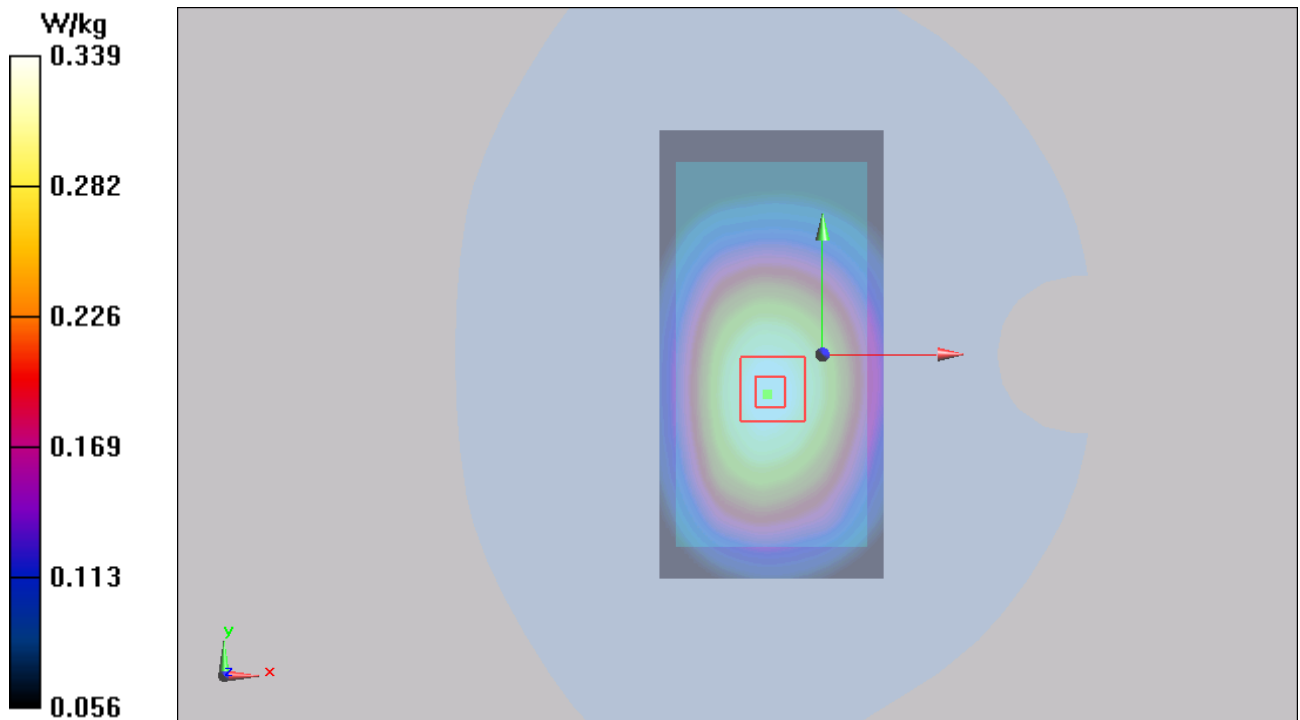


Figure 329 Body, Front Side, LTE Band 17 50%RB Channel 23790

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LTE Band 17 50%RB Left Edge Middle

Date/Time: 3/2/2014 2:30:36 AM

Communication System: LTE (0); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.931$ S/m; $\epsilon_r = 54.734$; $\rho = 1000$ 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(9.72, 9.72, 9.72); Calibrated: 11/28/2013;

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

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

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) = 0.294 W/kg

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

Reference Value = 17.837 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.377 W/kg

SAR(1 g) = 0.278 W/kg; SAR(10 g) = 0.198 W/kg

Maximum value of SAR (measured) = 0.283 W/kg

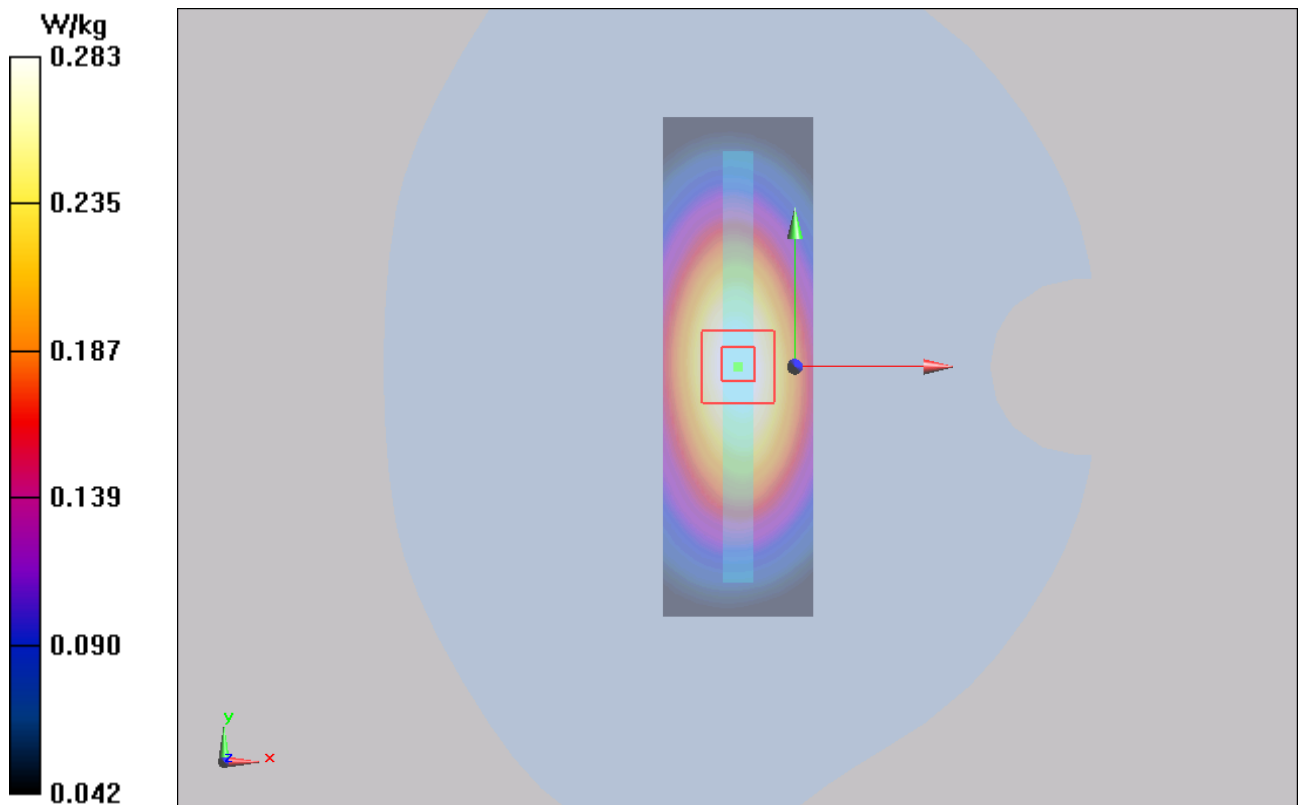


Figure 330 Body, Left Edge, LTE Band 17 50%RB Channel 23790

LTE Band 17 50%RB Right Edge Middle

Date/Time: 3/2/2014 3:15:45 AM

Communication System:LTE (0); Frequency: 710 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.931$ S/m; $\epsilon_r = 54.734$; $\rho = 1000$ 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(9.72, 9.72, 9.72); Calibrated: 11/28/2013;

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

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

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) = 0.333 W/kg

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

Reference Value = 19.146 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.429 W/kg

SAR(1 g) = 0.316 W/kg; SAR(10 g) = 0.227 W/kg

Maximum value of SAR (measured) = 0.335 W/kg

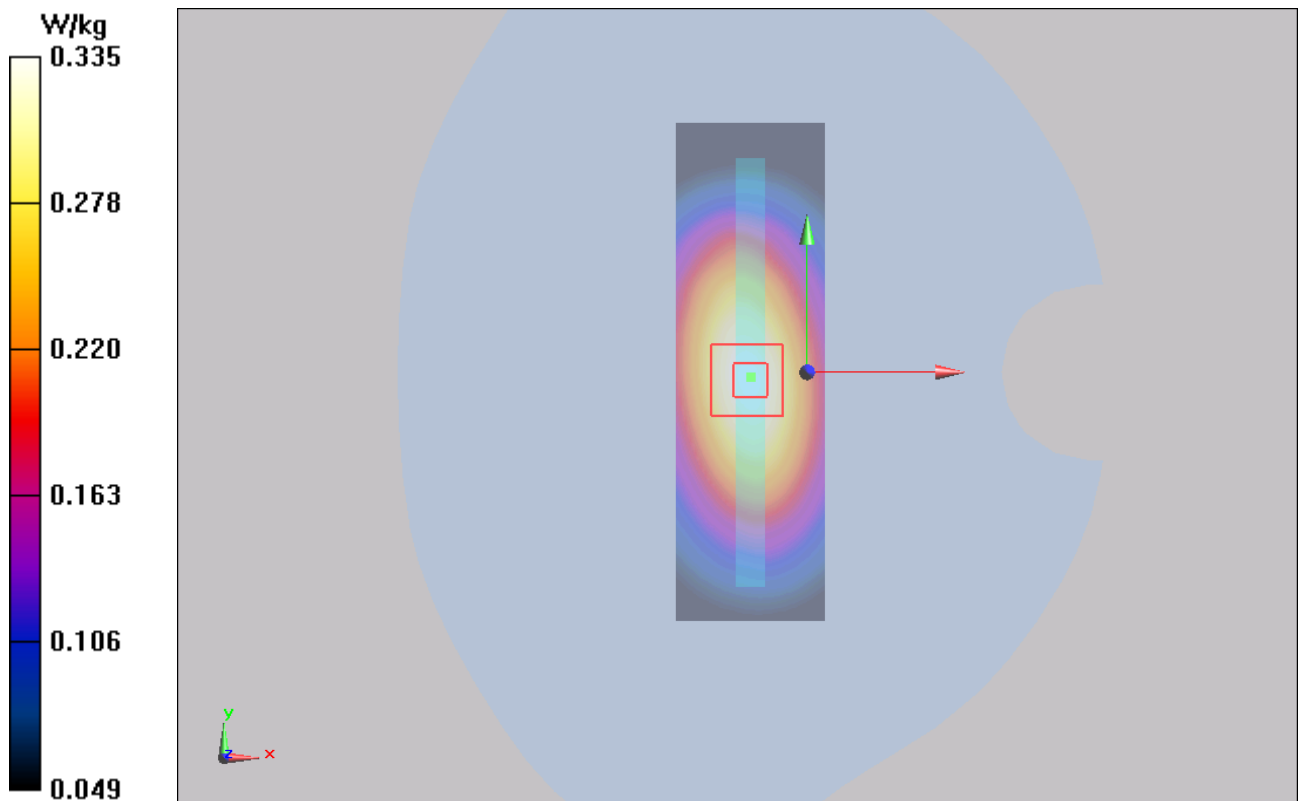


Figure 331 Body, Right Edge, LTE Band 17 50%RB Channel 23790

LTE Band 17 50%RB Bottom Edge Middle

Date/Time: 3/2/2014 3:40:38 AM

Communication System:LTE (0); Frequency: 710 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.931$ S/m; $\epsilon_r = 54.734$; $\rho = 1000$ 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(9.72, 9.72, 9.72); Calibrated: 11/28/2013;

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

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

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) = 0.0552 W/kg

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

Reference Value = 7.416 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.0920 W/kg

SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.030 W/kg

Maximum value of SAR (measured) = 0.0532 W/kg

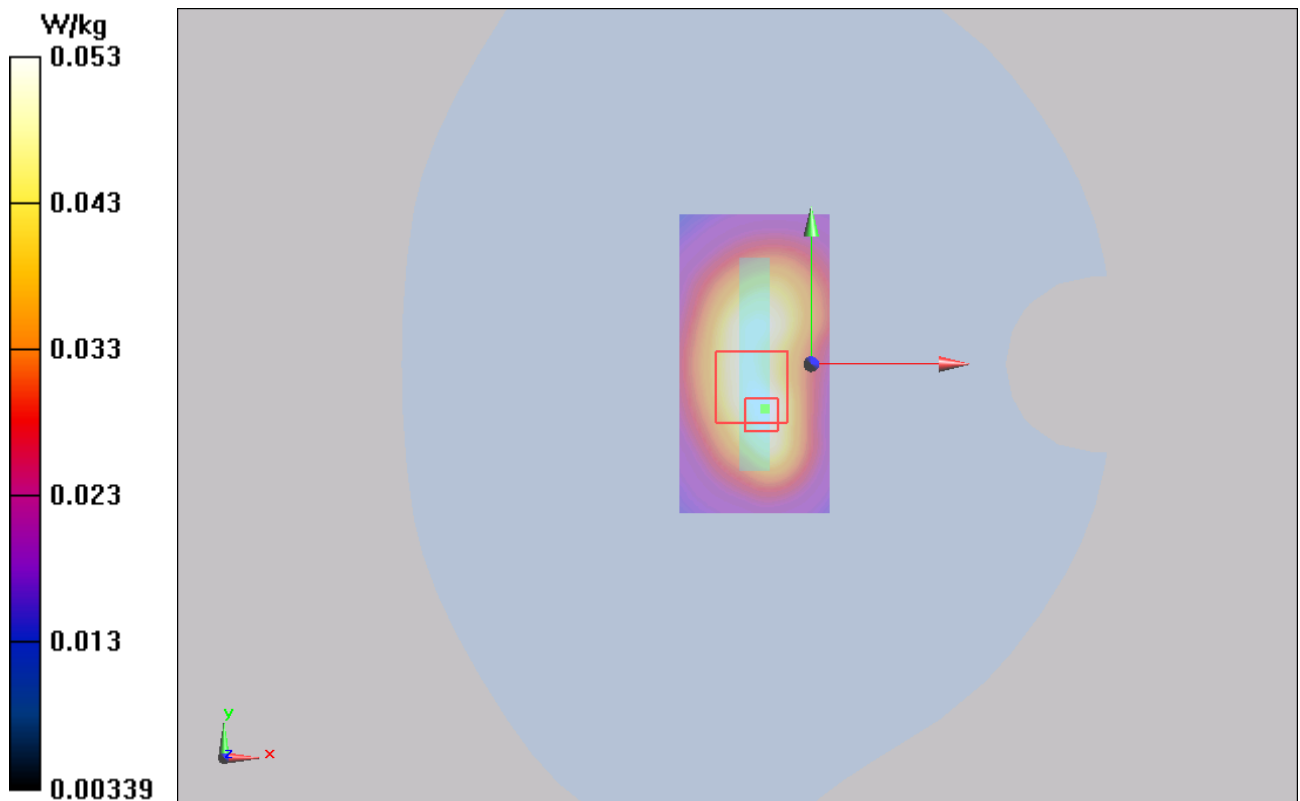


Figure 332 Body, Bottom Edge, LTE Band 17 50%RB Channel 23790

LTE Band 17 50%RB Back Side Middle (Battery 2)

Date/Time: 3/2/2014 4:23:25 AM

Communication System: LTE (0); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.931 \text{ S/m}$; $\epsilon_r = 54.734$; $\rho = 1000 \text{ kg/m}^3$

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(9.72, 9.72, 9.72); Calibrated: 11/28/2013;

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

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

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

Back Side Middle/Area Scan (51x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.563 W/kg

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

Reference Value = 23.749 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.673 W/kg

SAR(1 g) = 0.539 W/kg ; SAR(10 g) = 0.410 W/kg

Maximum value of SAR (measured) = 0.555 W/kg

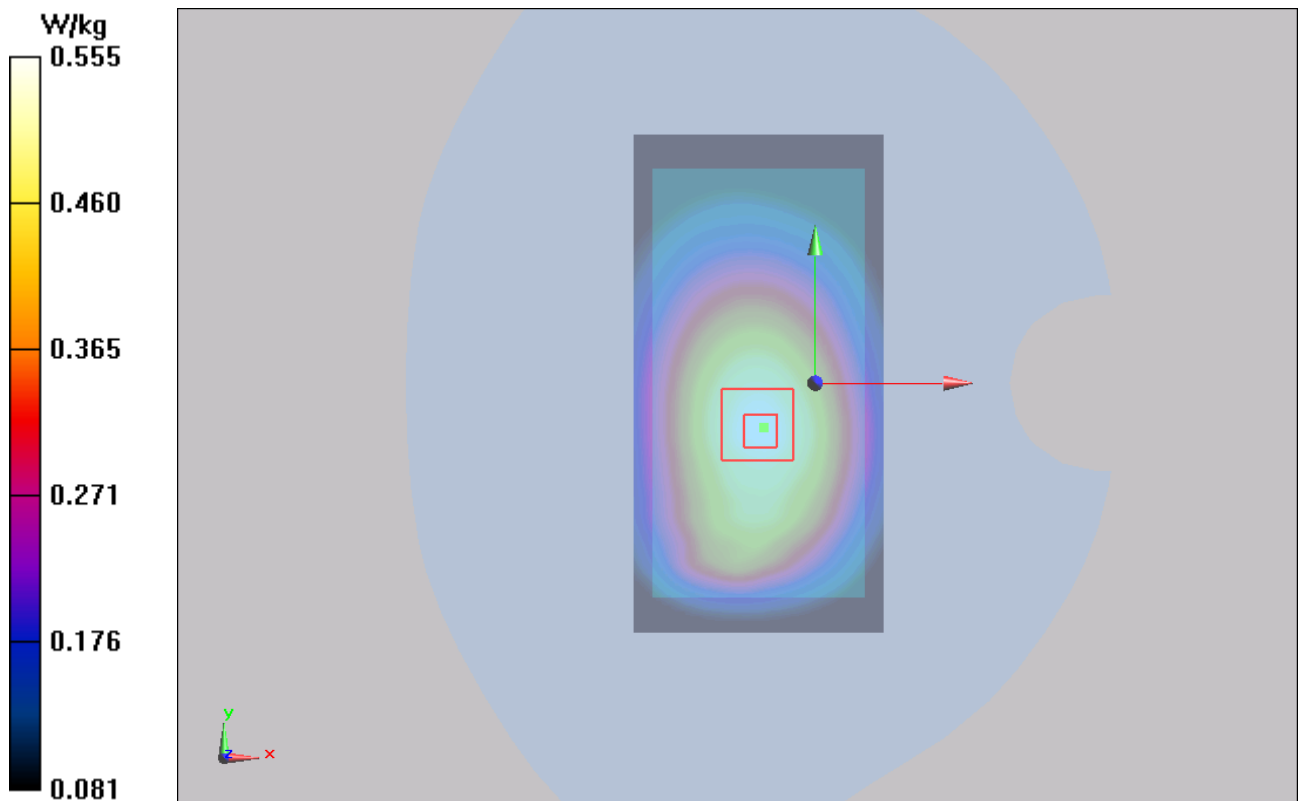


Figure 333 Body, Back Side, LTE Band 17 50%RB Channel 23790

802.11b Left Cheek High

Date/Time: 2/26/2014 12:34:12 AM

Communication System:802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.818$ S/m; $\epsilon_r = 39.076$; $\rho = 1000$ 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(7.64, 7.64, 7.64); 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=10mm, dy=10mm

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

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

Reference Value = 6.348 V/m; Power Drift = 0.034 dB

Peak SAR (extrapolated) = 0.379 W/kg

SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.074 W/kg

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

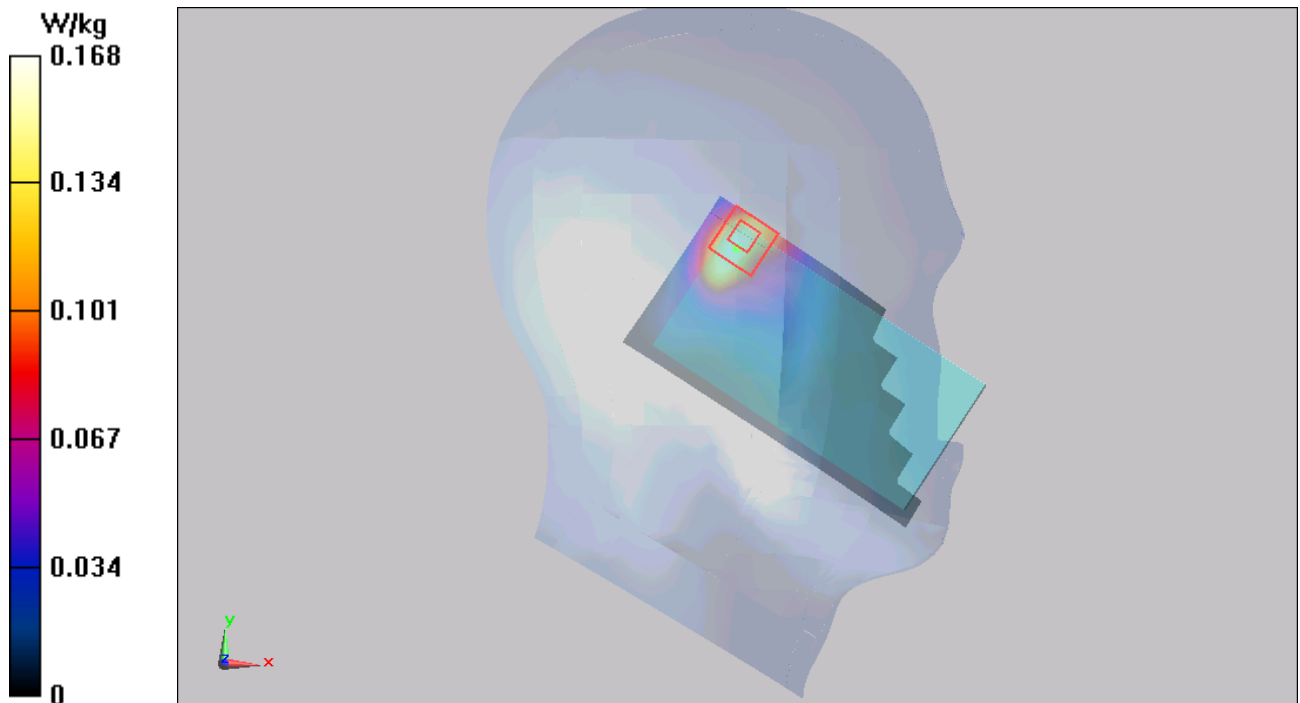


Figure 334 Left Hand Touch Cheek 802.11b Channel 11

802.11b Left Cheek Middle

Date/Time: 2/26/2014 6:11:47 PM

Communication System:802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.787$ S/m; $\epsilon_r = 39.199$; $\rho = 1000$ 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(7.64, 7.64, 7.64); 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=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.362 W/kg

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

Reference Value = 8.831 V/m; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 0.711 W/kg

SAR(1 g) = 0.326 W/kg; SAR(10 g) = 0.167 W/kg

Maximum value of SAR (measured) = 0.370 W/kg

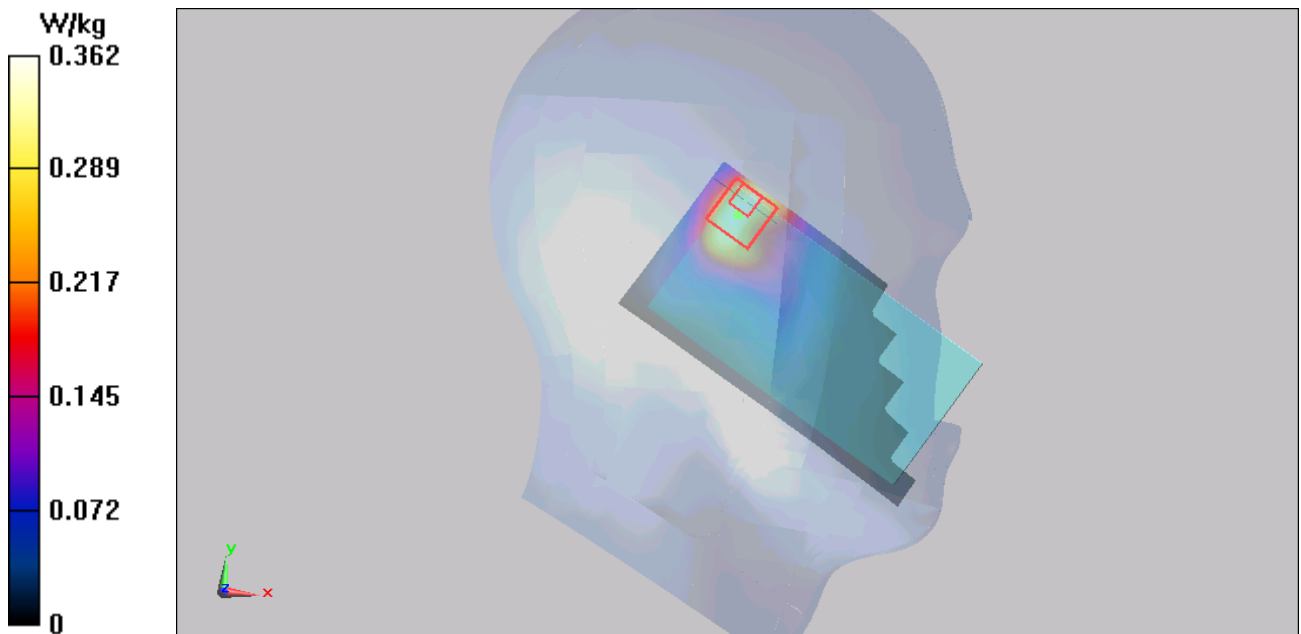


Figure 335 Left Hand Touch Cheek 802.11b Channel 6

802.11b Left Cheek Low

Date/Time: 2/26/2014 1:10:20 PM

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.759$ S/m; $\epsilon_r = 39.353$; $\rho = 1000$ 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(7.64, 7.64, 7.64); 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=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.177 W/kg

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

Reference Value = 6.941 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 0.352 W/kg

SAR(1 g) = 0.158 W/kg; SAR(10 g) = 0.076 W/kg

Maximum value of SAR (measured) = 0.176 W/kg

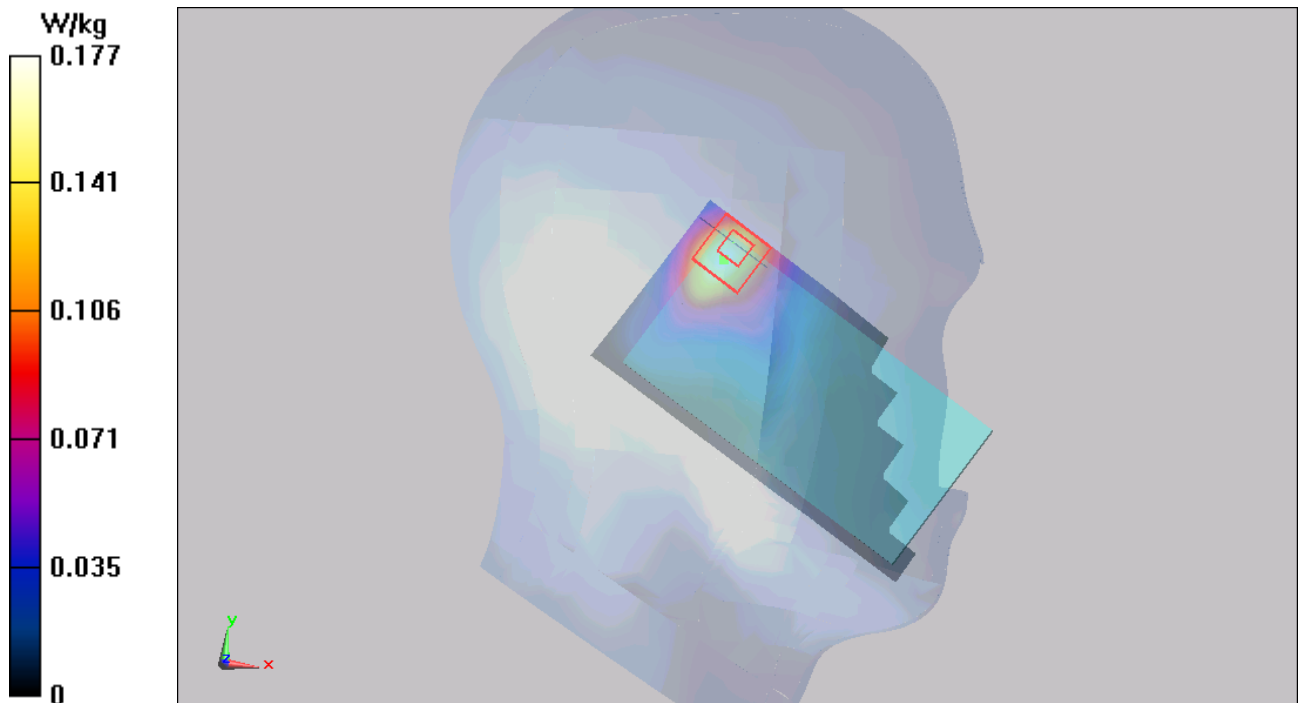


Figure 336 Left Hand Touch Cheek 802.11b Channel 1

802.11b Left Tilt High

Date/Time: 2/26/2014 12:50:42 AM

Communication System:802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.818$ S/m; $\epsilon_r = 39.076$; $\rho = 1000$ 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(7.64, 7.64, 7.64); 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=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.108 W/kg

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

Reference Value = 4.999 V/m; Power Drift = 0.057 dB

Peak SAR (extrapolated) = 0.223 W/kg

SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.046 W/kg

Maximum value of SAR (measured) = 0.113 W/kg

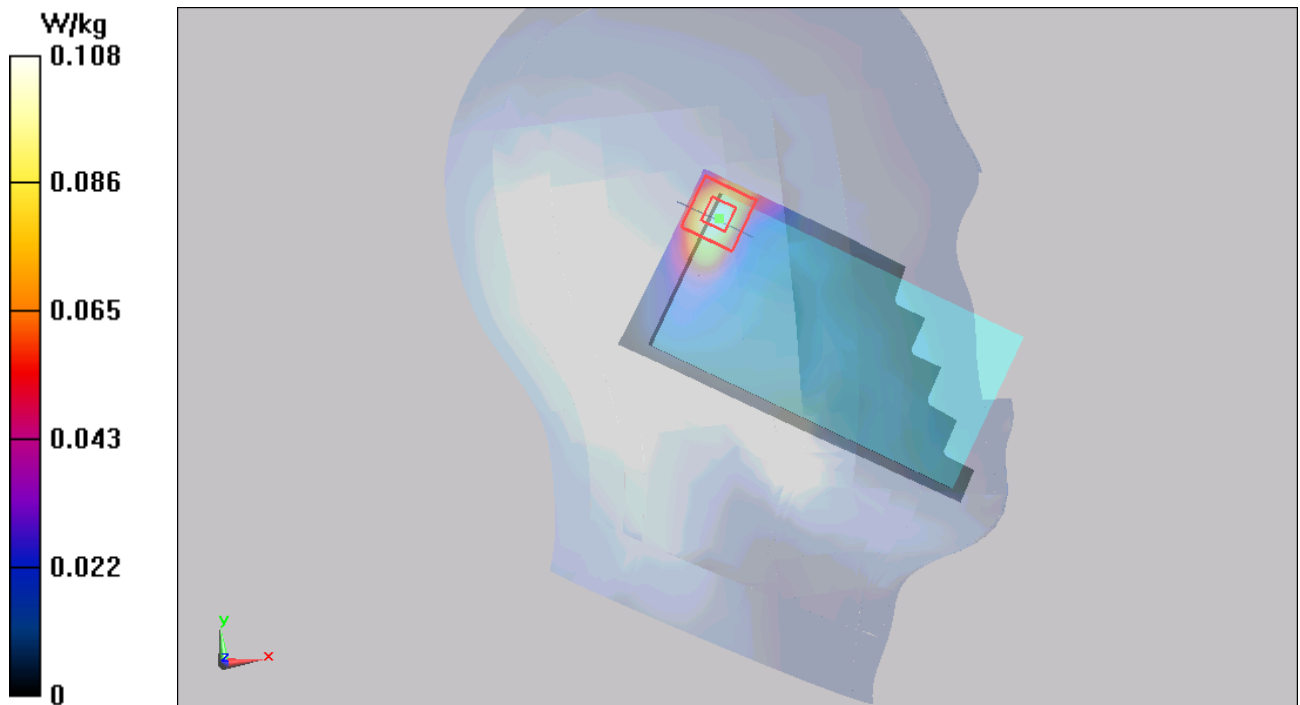


Figure 337 Left Hand Tilt 15° 802.11b Channel 11

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802.11b Left Tilt Middle

Date/Time: 2/26/2014 340:47 PM

Communication System:802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.787 \text{ S/m}$; $\epsilon_r = 39.199$; $\rho = 1000 \text{ kg/m}^3$

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(7.64, 7.64, 7.64); 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=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.259 W/kg

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

Reference Value = 7.796 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.507 W/kg

SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.110 W/kg

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

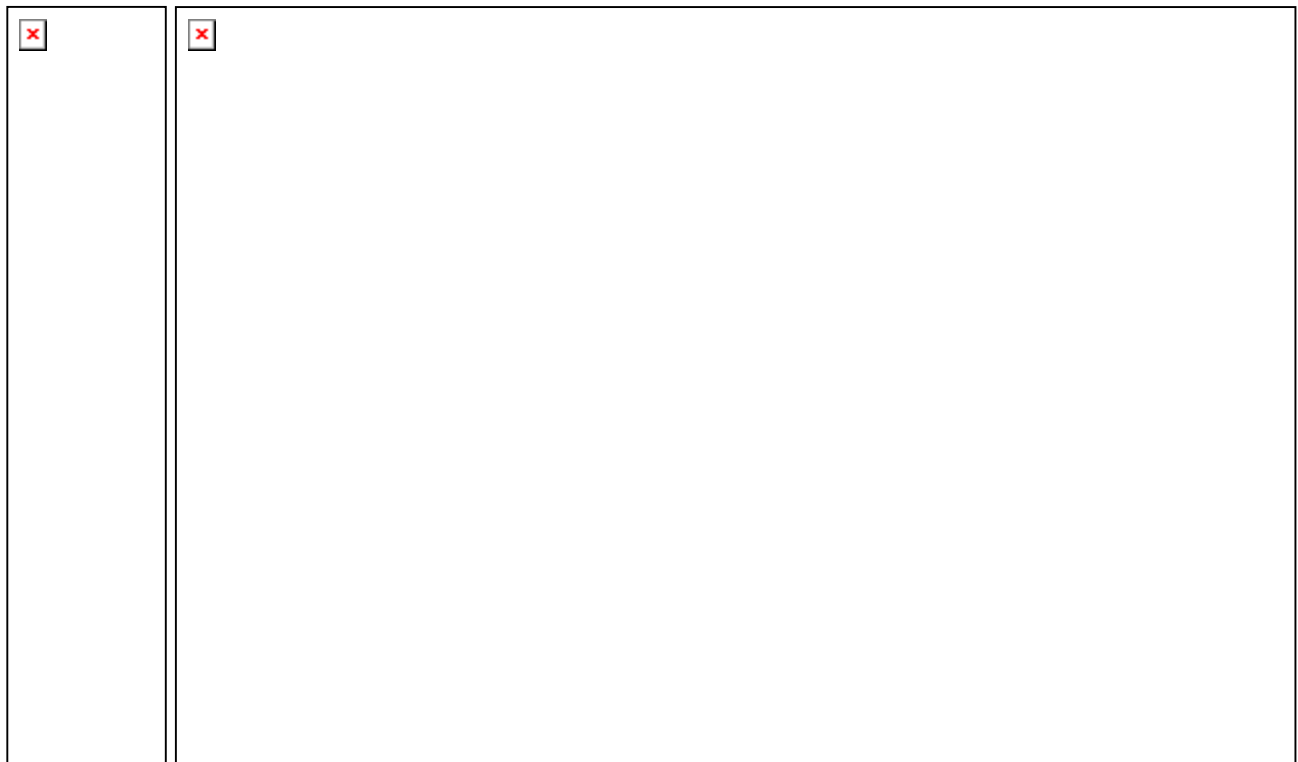


Figure 338 Left Hand Tilt 15° 802.11b Channel 6