

Appendix B-1 SAR Plots of SAR Measurement (Head)

The SAR plots for highest measured SAR in each exposure configuration, wireless mode and frequency band combination are shown as follows.

P01 GSM850_GPRS12_Right Cheek_Ch251_Ant 0

DUT: BFLF-WTW-P20120540

Communication System: UID 10028 - DAC, GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 848.8 MHz; Duty Cycle: 1:2.27

Medium: H07T10N1_0113 Medium parameters used: $f = 849$ MHz; $\sigma = 0.932$ S/m; $\epsilon_r = 41.584$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.05, 10.05, 10.05) @ 848.8 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.506 W/kg

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

Reference Value = 23.81 V/m; Power Drift = -0.14 dB

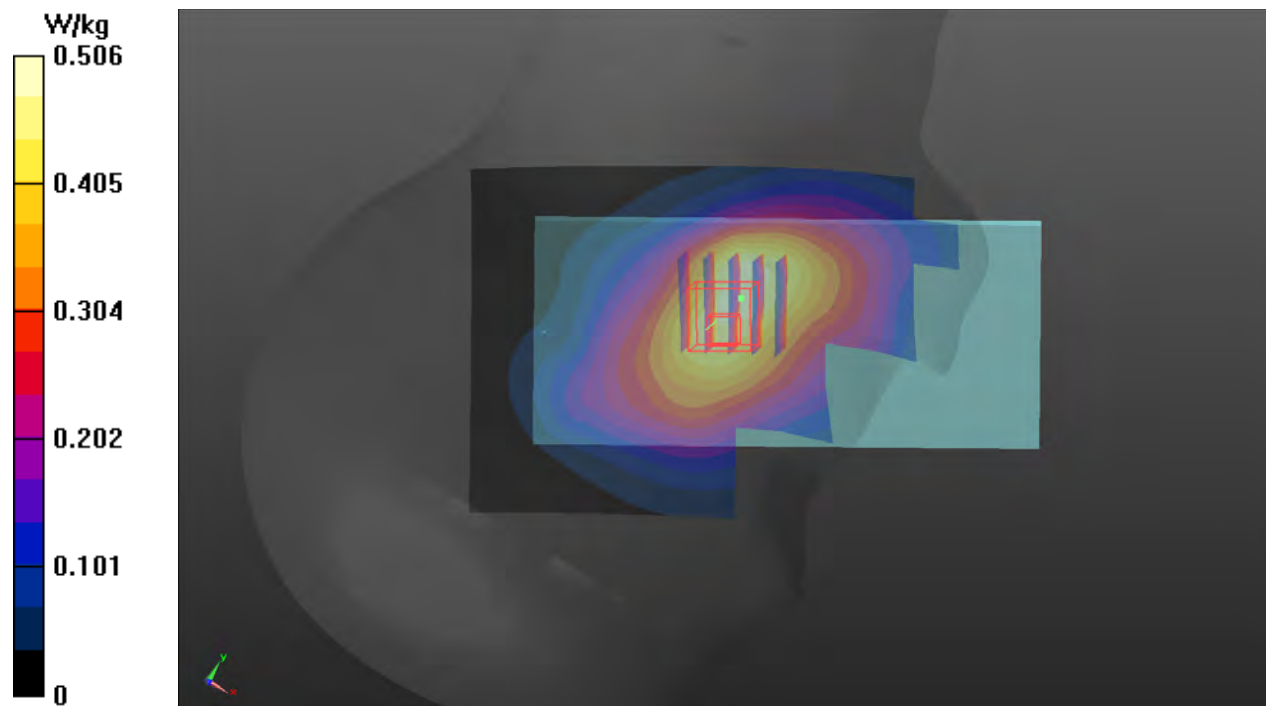
Peak SAR (extrapolated) = 0.608 W/kg

SAR(1 g) = 0.380 W/kg; SAR(10 g) = 0.273 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 79.5%

Maximum value of SAR (measured) = 0.449 W/kg



P02 GSM1900_GPRS12_Left Cheek_Ch810_Ant 1

DUT: BFLF-WTW-P20120540

Communication System: UID 10028 - DAC, GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 1909.8 MHz; Duty Cycle: 1:2.27

Medium: H16T20N1_0113 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.468$ S/m; $\epsilon_r = 38.498$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.26, 8.26, 8.26) @ 1909.8 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.110 W/kg

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

Reference Value = 6.405 V/m; Power Drift = 0.14 dB

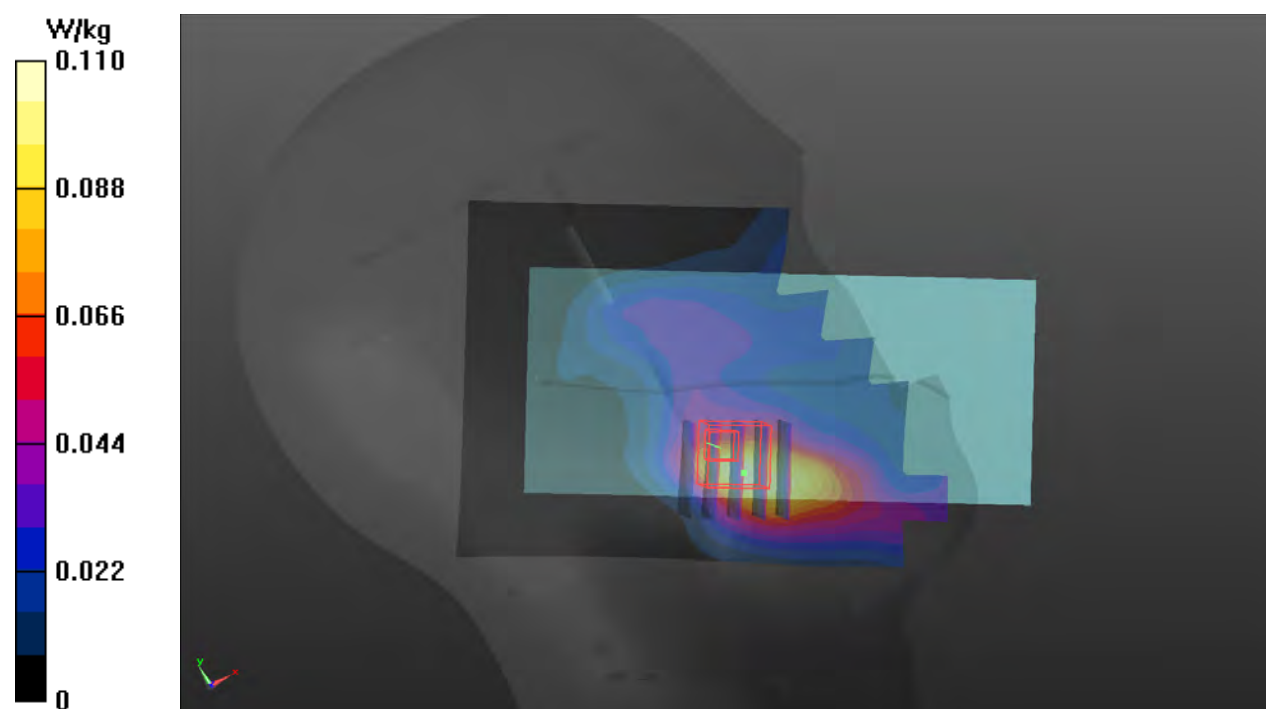
Peak SAR (extrapolated) = 0.0920 W/kg

SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.035 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 69.7%

Maximum value of SAR (measured) = 0.0786 W/kg



P03 WCDMA II_RMC12.2K_Left Cheek_Ch9538_Ant 1

DUT: BFLF-WTW-P20120540

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1907.6 MHz; Duty Cycle: 1:1.95

Medium: H16T20N1_0113 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.466$ S/m; $\epsilon_r = 38.505$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.26, 8.26, 8.26) @ 1907.6 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.211 W/kg

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

Reference Value = 11.40 V/m; Power Drift = 0.09 dB

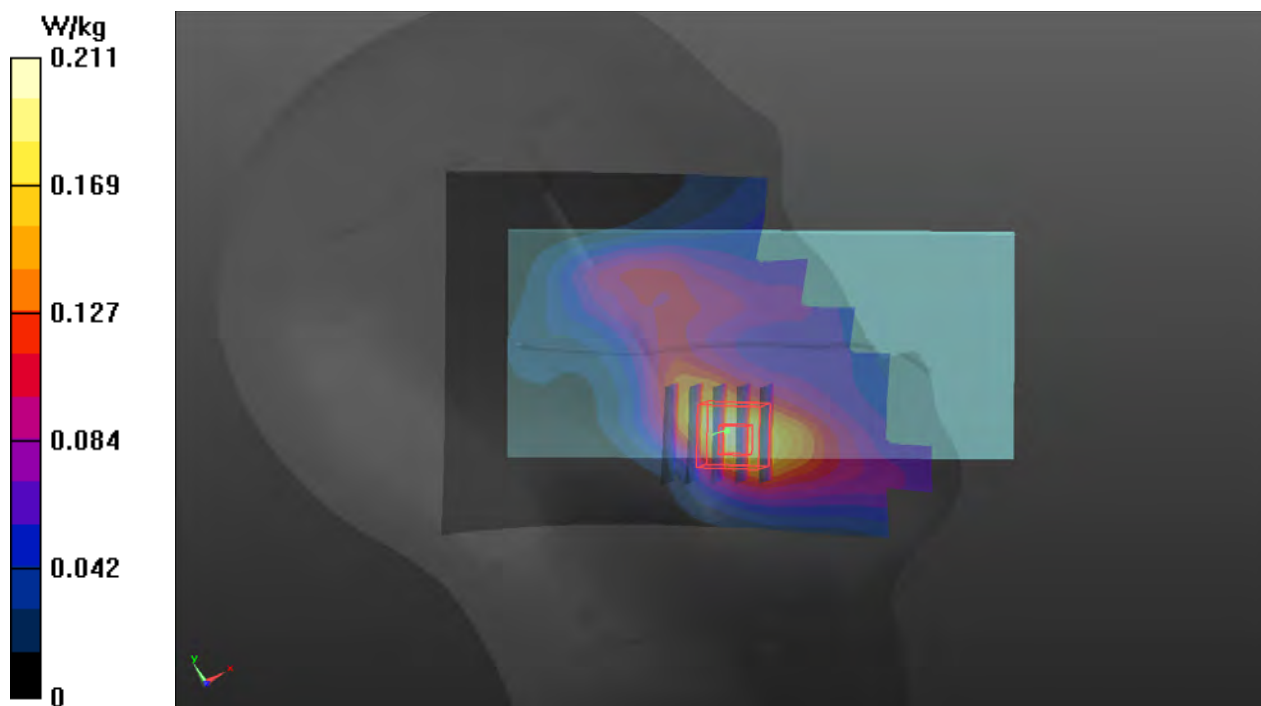
Peak SAR (extrapolated) = 0.235 W/kg

SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.098 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 11.7 mm

Ratio of SAR at M2 to SAR at M1 = 70.4%

Maximum value of SAR (measured) = 0.195 W/kg



P901 WCDMA II_RMC12.2K_Right Tilted_Ch9538_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1907.6 MHz; Duty Cycle: 1:1.95

Medium: H16T20N1_0303 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.462$ S/m; $\epsilon_r = 39.631$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.98, 7.98, 7.98) @ 1907.6 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2020/06/22
- Phantom: Twin SAM Phantom_1653; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.60 W/kg

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

Reference Value = 34.29 V/m; Power Drift = 0.00 dB

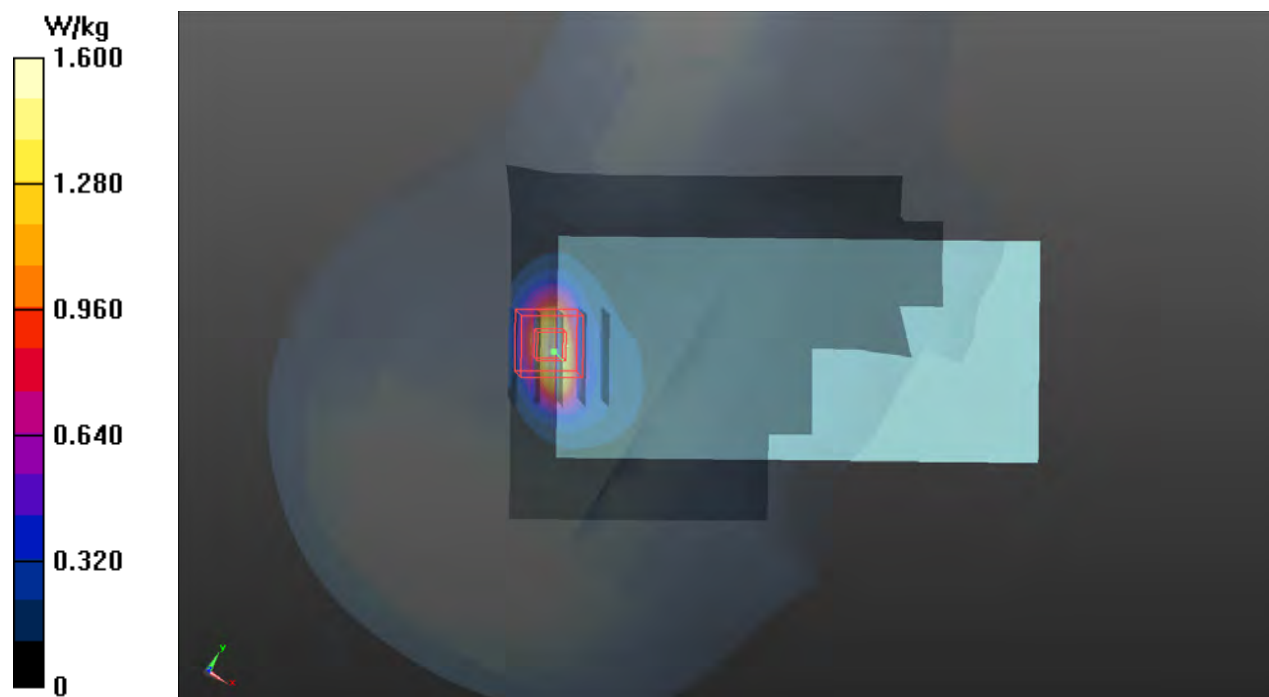
Peak SAR (extrapolated) = 1.91 W/kg

SAR(1 g) = 0.828 W/kg; SAR(10 g) = 0.447 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 49.3%

Maximum value of SAR (measured) = 1.56 W/kg



P05 WCDMA II_RMC12.2K_Left Cheek_Ch9538_Ant 8

DUT: BFLF-WTW-P20120540

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1907.6 MHz; Duty Cycle: 1:1.95

Medium: H16T20N1_0111 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.466$ S/m; $\epsilon_r = 40.597$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.26, 8.26, 8.26) @ 1907.6 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.167 W/kg

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

Reference Value = 9.938 V/m; Power Drift = -0.07 dB

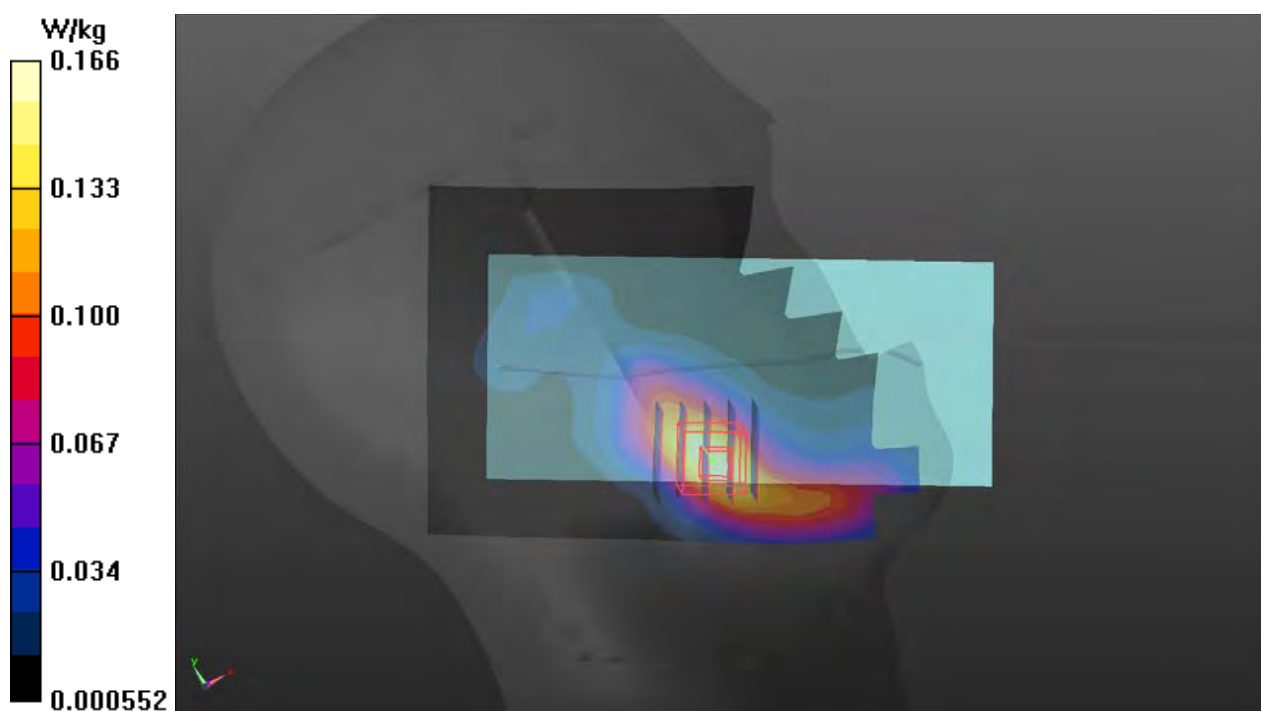
Peak SAR (extrapolated) = 0.190 W/kg

SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.077 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 13.1 mm

Ratio of SAR at M2 to SAR at M1 = 68.1%

Maximum value of SAR (measured) = 0.166 W/kg



P06 WCDMA IV_RMC12.2K_Left Cheek_Ch1312_Ant 1

DUT: BFLF-WTW-P20120540

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1712.4 MHz; Duty Cycle: 1:1.95
Medium: H16T20N1_0113 Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.29$ S/m; $\epsilon_r = 39.123$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.58, 8.58, 8.58) @ 1712.4 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.139 W/kg

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

Reference Value = 9.894 V/m; Power Drift = 0.04 dB

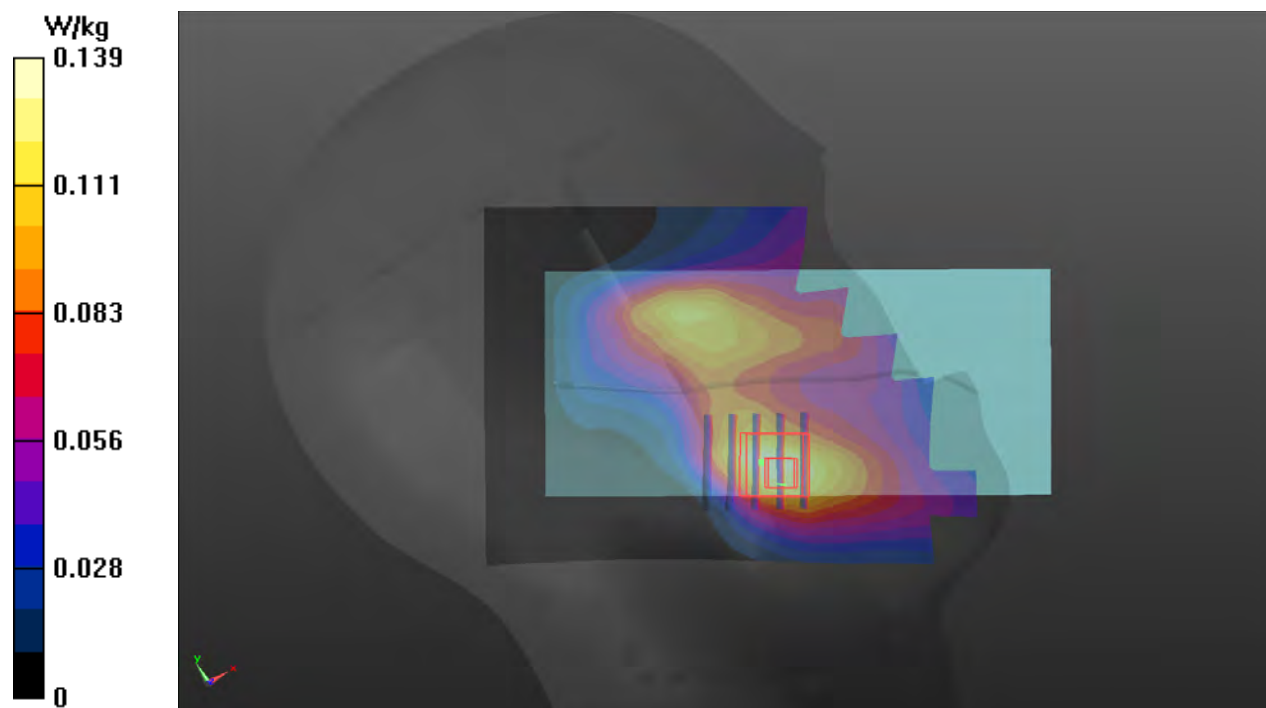
Peak SAR (extrapolated) = 0.152 W/kg

SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.072 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 12.5 mm

Ratio of SAR at M2 to SAR at M1 = 68.9%

Maximum value of SAR (measured) = 0.131 W/kg



P902 WCDMA IV_RMC12.2K_Right Tilted_Ch1413_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1732.6 MHz; Duty Cycle: 1:1.95

Medium: H16T20N1_0303 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.314$ S/m; $\epsilon_r = 40.408$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(8.24, 8.24, 8.24) @ 1732.6 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2020/06/22
- Phantom: Twin SAM Phantom_1653; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.05 W/kg

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

Reference Value = 28.99 V/m; Power Drift = -0.10 dB

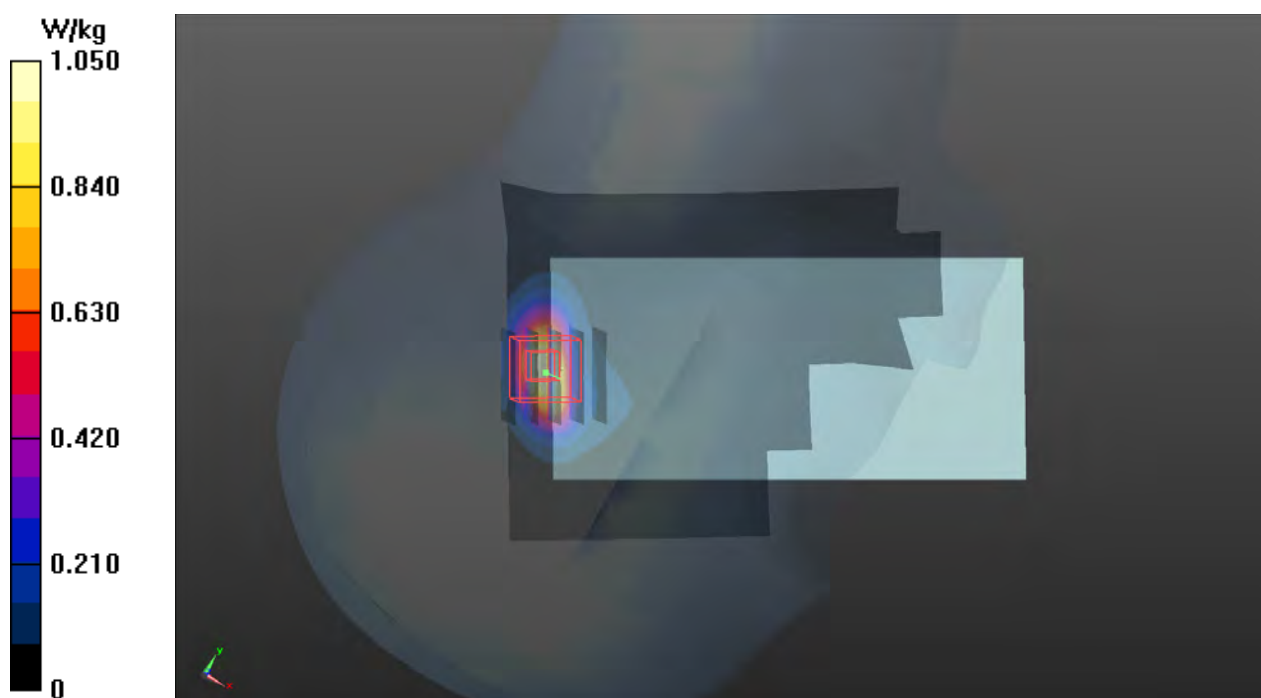
Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.654 W/kg; SAR(10 g) = 0.313 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 50.7%

Maximum value of SAR (measured) = 1.05 W/kg



P08 WCDMA IV_RMC12.2K_Left Cheek_Ch1312_Ant 8

DUT: BFLF-WTW-P20120540

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1712.4 MHz; Duty Cycle: 1:1.95

Medium: H16T20N1_0111 Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.306$ S/m; $\epsilon_r = 41.205$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.58, 8.58, 8.58) @ 1712.4 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0814 W/kg

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

Reference Value = 7.365 V/m; Power Drift = -0.04 dB

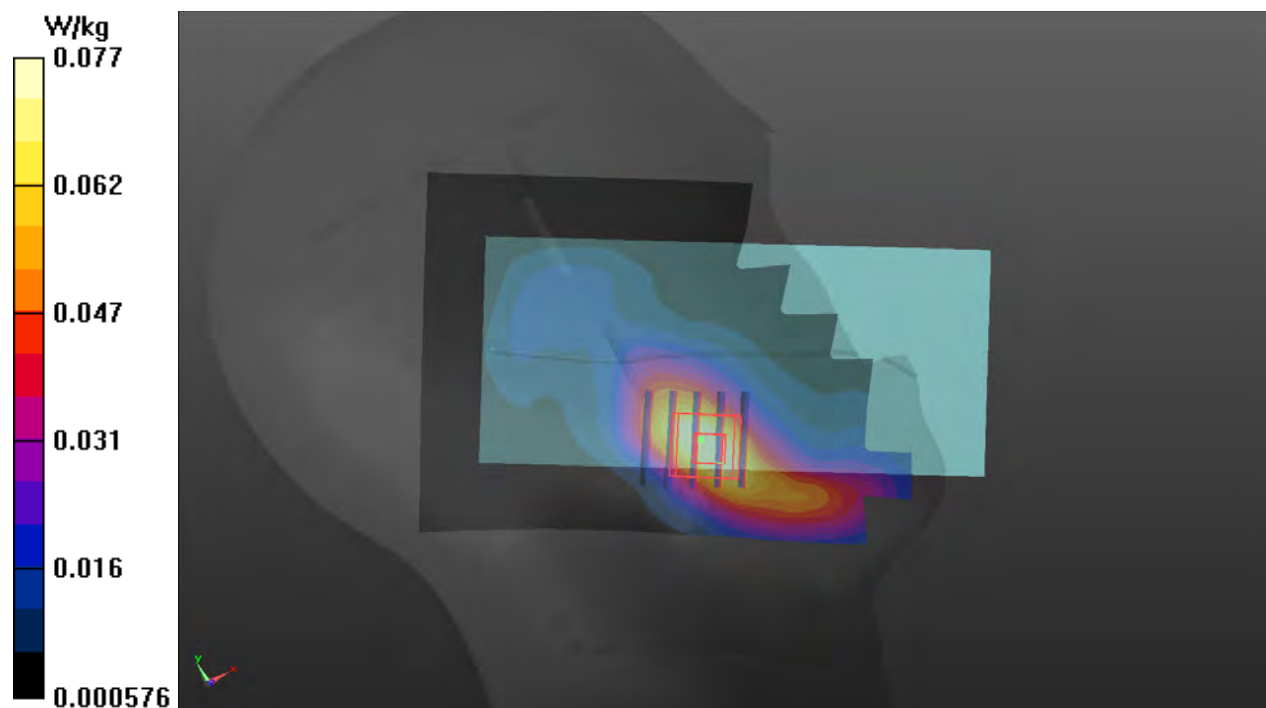
Peak SAR (extrapolated) = 0.0900 W/kg

SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.041 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 68.4%

Maximum value of SAR (measured) = 0.0774 W/kg



P09 WCDMA V_RMC12.2K_Right Cheek_Ch4182_Ant 0

DUT: BFLF-WTW-P20120540

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 836.4 MHz; Duty Cycle: 1:1.95

Medium: H07T10N1_0113 Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.921$ S/m; $\epsilon_r = 41.731$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.05, 10.05, 10.05) @ 836.4 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.249 W/kg

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

Reference Value = 17.16 V/m; Power Drift = -0.02 dB

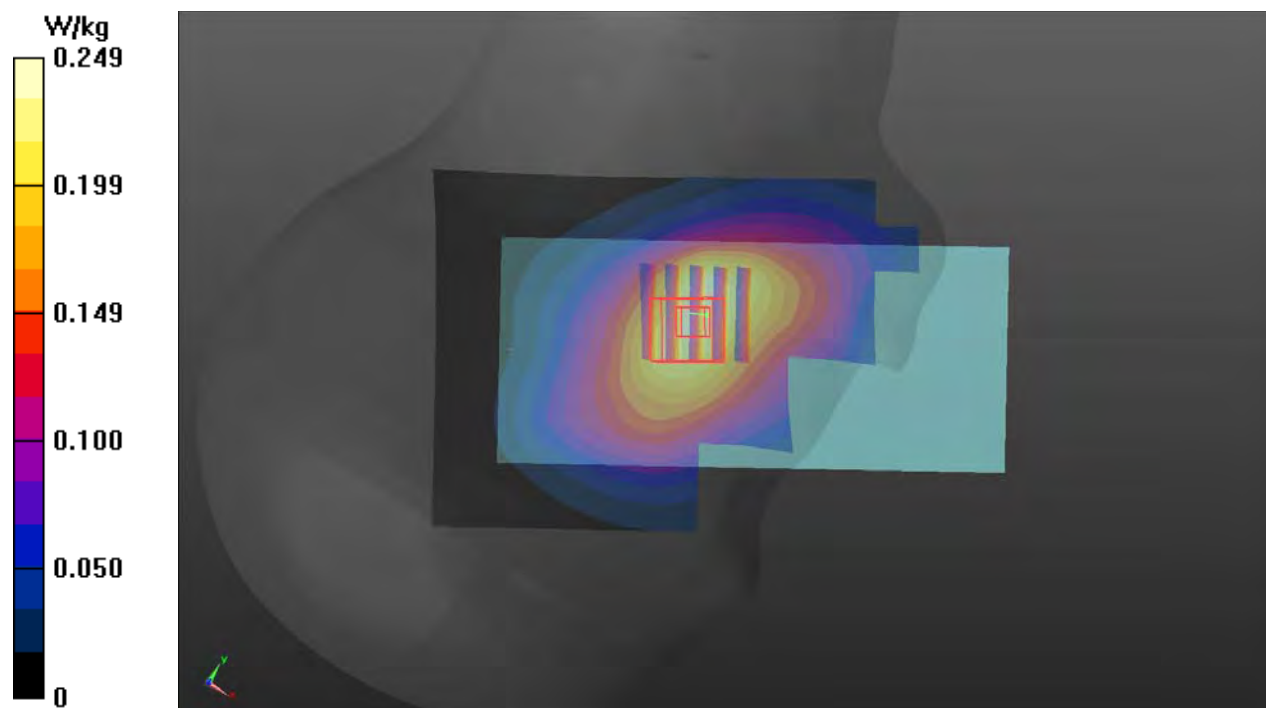
Peak SAR (extrapolated) = 0.266 W/kg

SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.164 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 79.4%

Maximum value of SAR (measured) = 0.246 W/kg



P903 WCDMA V_RMC12.2K_Right Cheek_Ch4233_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 846.6 MHz; Duty Cycle: 1:1.95434

Medium: H07T10N3_0303 Medium parameters used: $f = 847$ MHz; $\sigma = 0.942$ S/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(9.2, 9.2, 9.2) @ 846.6 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2020/06/22
- Phantom: Twin SAM Phantom_1653; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.24 W/kg

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

Reference Value = 38.16 V/m; Power Drift = -0.04 dB

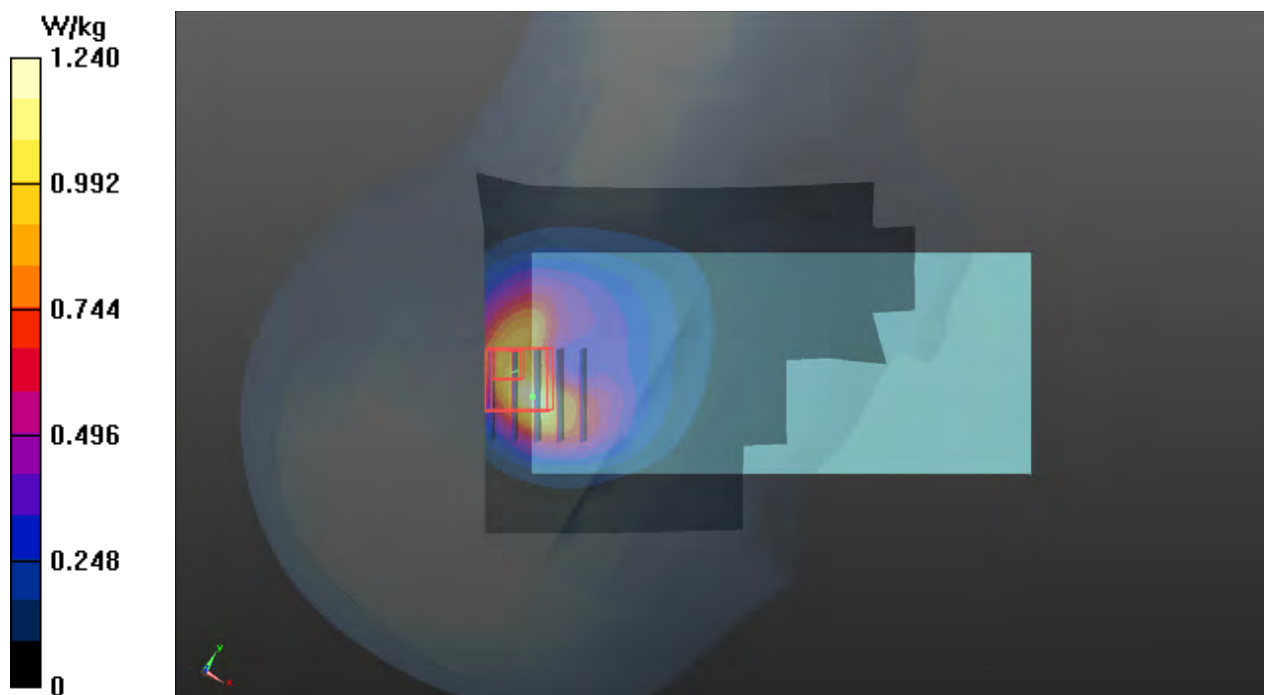
Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.762 W/kg; SAR(10 g) = 0.430 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 54.9%

Maximum value of SAR (measured) = 1.31 W/kg



P11 CDMA BC0_RC3+SO55_Right Cheek_Ch777_Ant 0**DUT: BFLF-WTW-P20120540**

Communication System: UID 10291 - AAB, CDMA2000, RC3, SO55, Full Rate; Frequency:

848.31 MHz; Duty Cycle: 1:2.22

Medium: H07T10N1_0113 Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.931$ S/m ; $\epsilon_r = 41.59$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.05, 10.05, 10.05) @ 848.31 MHz; Calibrated: 2020/09/28

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15

- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 16.08 V/m; Power Drift = 0.01 dB

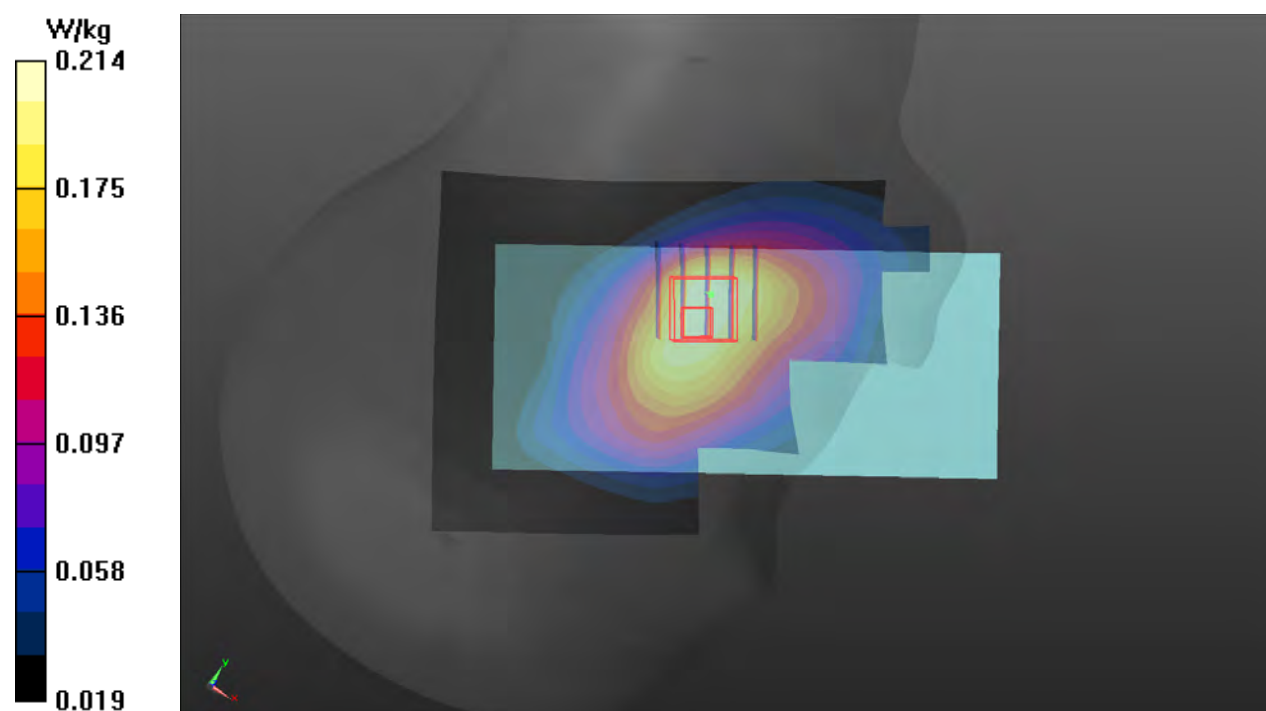
Peak SAR (extrapolated) = 0.236 W/kg

SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.137 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 18.6 mm

Ratio of SAR at M2 to SAR at M1 = 75.1%

Maximum value of SAR (measured) = 0.214 W/kg



P13 CDMA BC1_RC3+SO55_Right Cheek_Ch1175_Ant 1

DUT: BFLF-WTW-P20120540

Communication System: UID 10291 - AAB, CDMA2000, RC3, SO55, Full Rate; Frequency: 1908.75 MHz; Duty Cycle: 1:2.22

Medium: H16T20N1_0113 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.467$ S/m; $\epsilon_r = 38.502$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.26, 8.26, 8.26) @ 1908.75 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.209 W/kg

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

Reference Value = 11.12 V/m; Power Drift = 0.00 dB

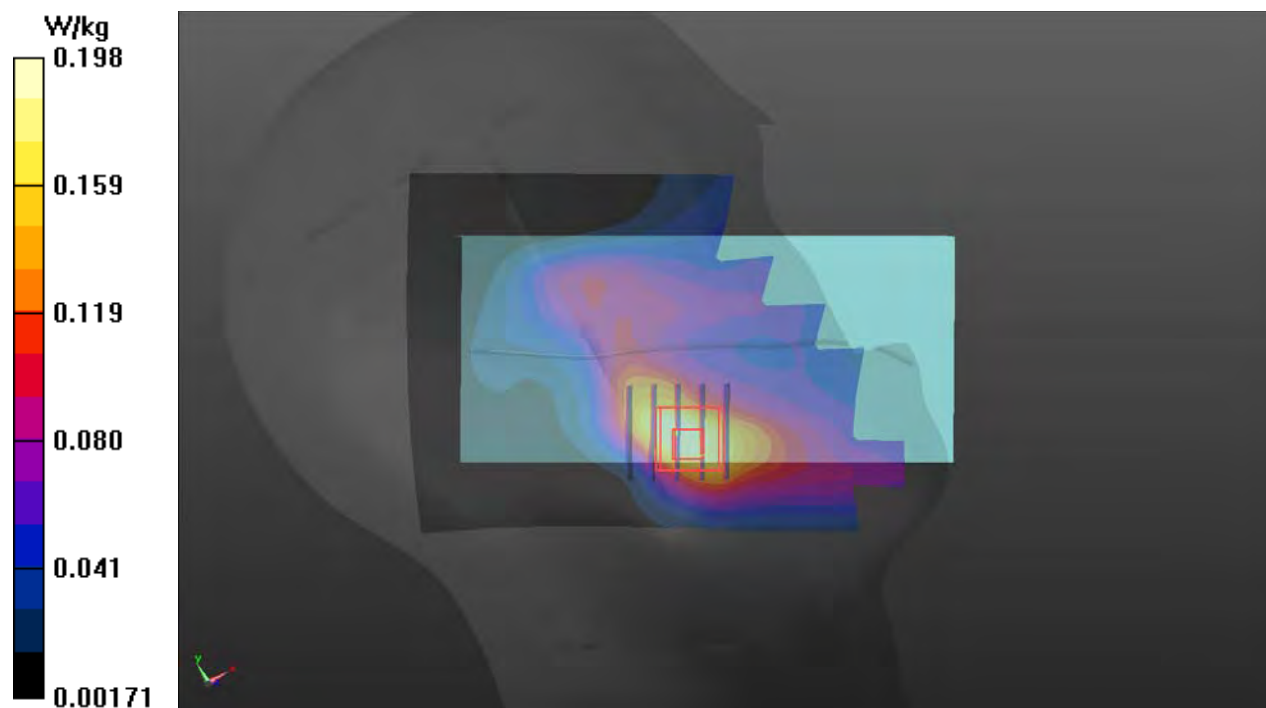
Peak SAR (extrapolated) = 0.236 W/kg

SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.098 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 67.3%

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



P16 CDMA BC10_RC3+SO55_Right Cheek_Ch684_Ant 0

DUT: BFLF-WTW-P20120540

Communication System: UID 10291 - AAB, CDMA2000, RC3, SO55, Full Rate; Frequency: 823.1 MHz; Duty Cycle: 1:2.22

Medium: H07T10N1_0113 Medium parameters used (interpolated): $f = 823.1$ MHz; $\sigma = 0.908$ S/m; $\epsilon_r = 41.891$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.05, 10.05, 10.05) @ 823.1 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.238 W/kg

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

Reference Value = 16.80 V/m; Power Drift = -0.02 dB

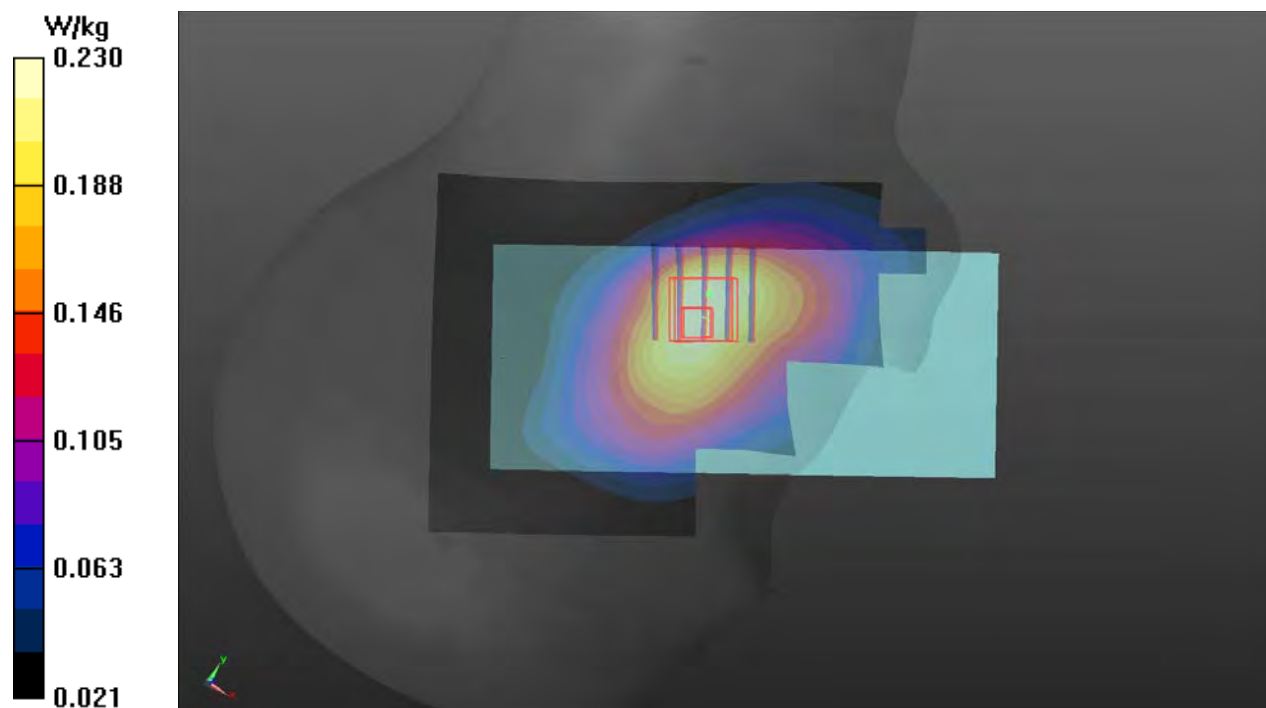
Peak SAR (extrapolated) = 0.253 W/kg

SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.150 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 22.5 mm

Ratio of SAR at M2 to SAR at M1 = 79.8%

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



P18 LTE 2_QPSK20M_Left Cheek_Ch18700_1RB_OS0_Ant 1

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 1860 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0113 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.424$ S/m; $\epsilon_r = 38.656$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.26, 8.26, 8.26) @ 1860 MHz; Calibrated: 2020/09/28

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15

- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.173 W/kg

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

Reference Value = 10.32 V/m; Power Drift = -0.06 dB

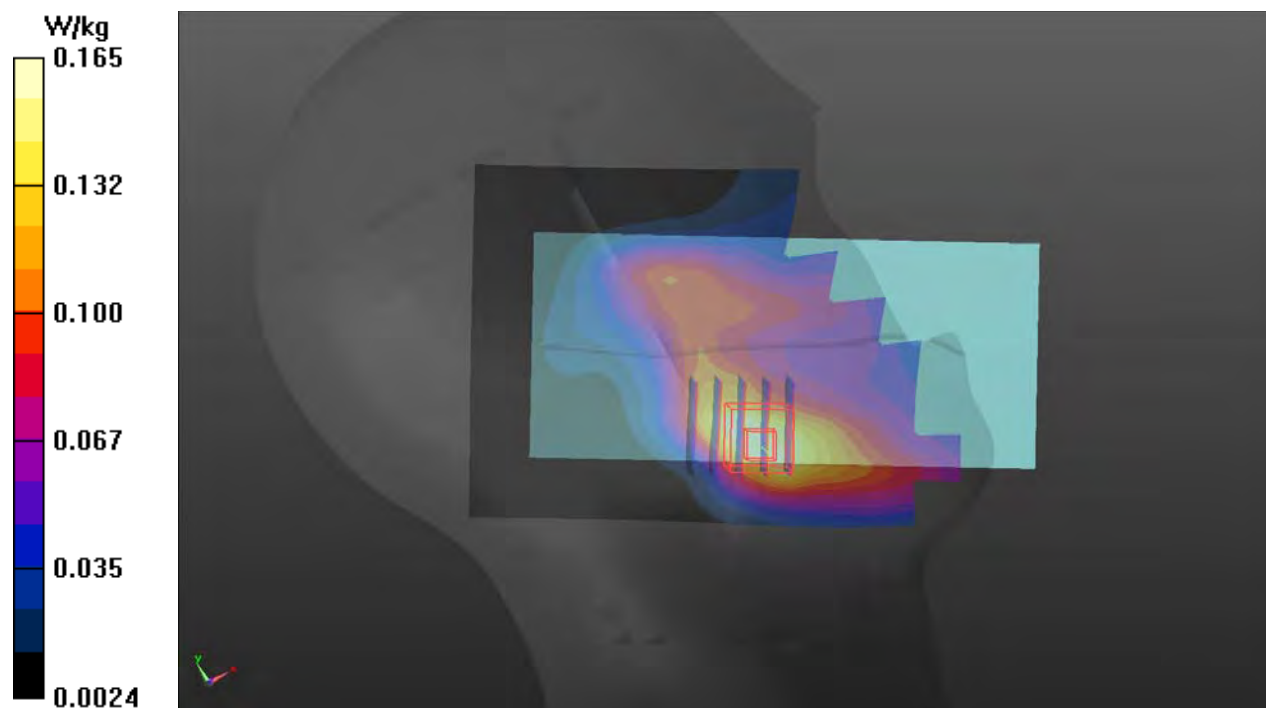
Peak SAR (extrapolated) = 0.193 W/kg

SAR(1 g) = 0.127 W/kg; SAR(10 g) = 0.084 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 11.3 mm

Ratio of SAR at M2 to SAR at M1 = 69.1%

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



P906 LTE 2_QPSK20M_Right Tilted_Ch18700_1RB_OS0_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 1860 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0303 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.425$ S/m; $\epsilon_r = 39.791$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.26, 8.26, 8.26) @ 1860 MHz; Calibrated: 2020/09/28

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15

- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.50 W/kg

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

Reference Value = 29.74 V/m; Power Drift = -0.06 dB

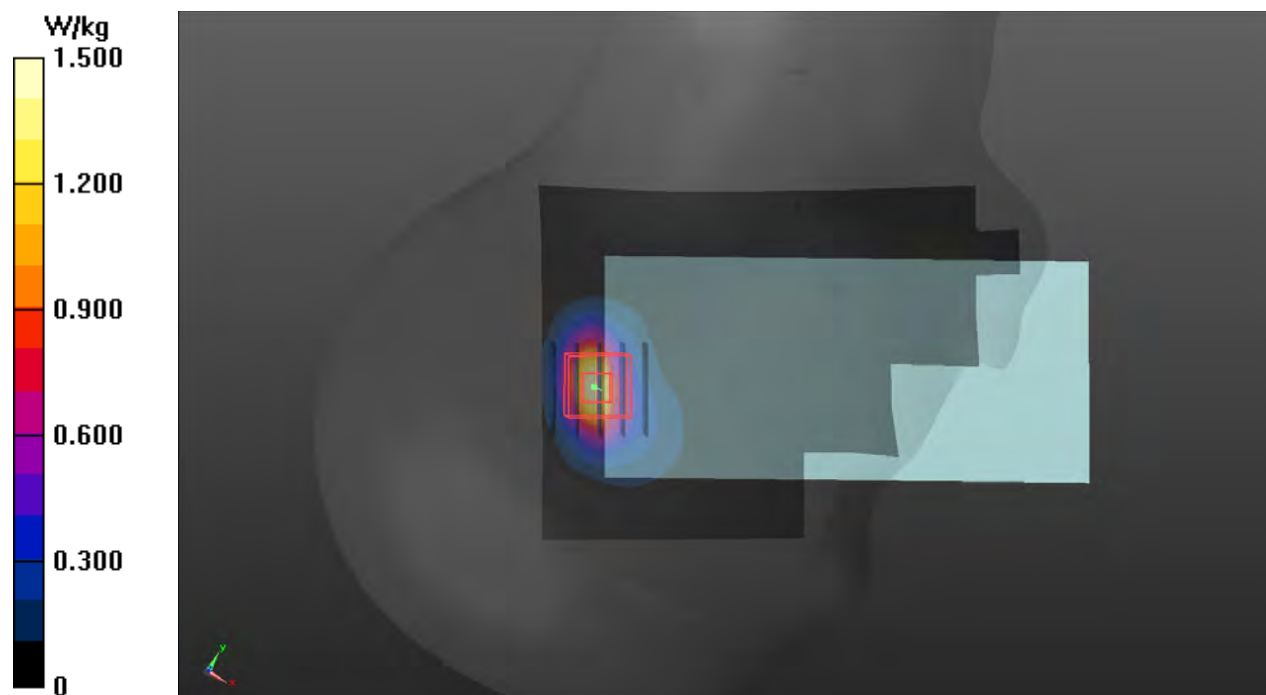
Peak SAR (extrapolated) = 2.00 W/kg

SAR(1 g) = 0.963 W/kg; SAR(10 g) = 0.505 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 53%

Maximum value of SAR (measured) = 1.69 W/kg



P20 LTE 2_QPSK20M_Left Cheek_Ch19100_1RB_OS0_Ant 8

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 1900 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0111 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.459$ S/m; $\epsilon_r = 40.615$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.26, 8.26, 8.26) @ 1900 MHz; Calibrated: 2020/09/28

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15

- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 9.846 V/m; Power Drift = -0.06 dB

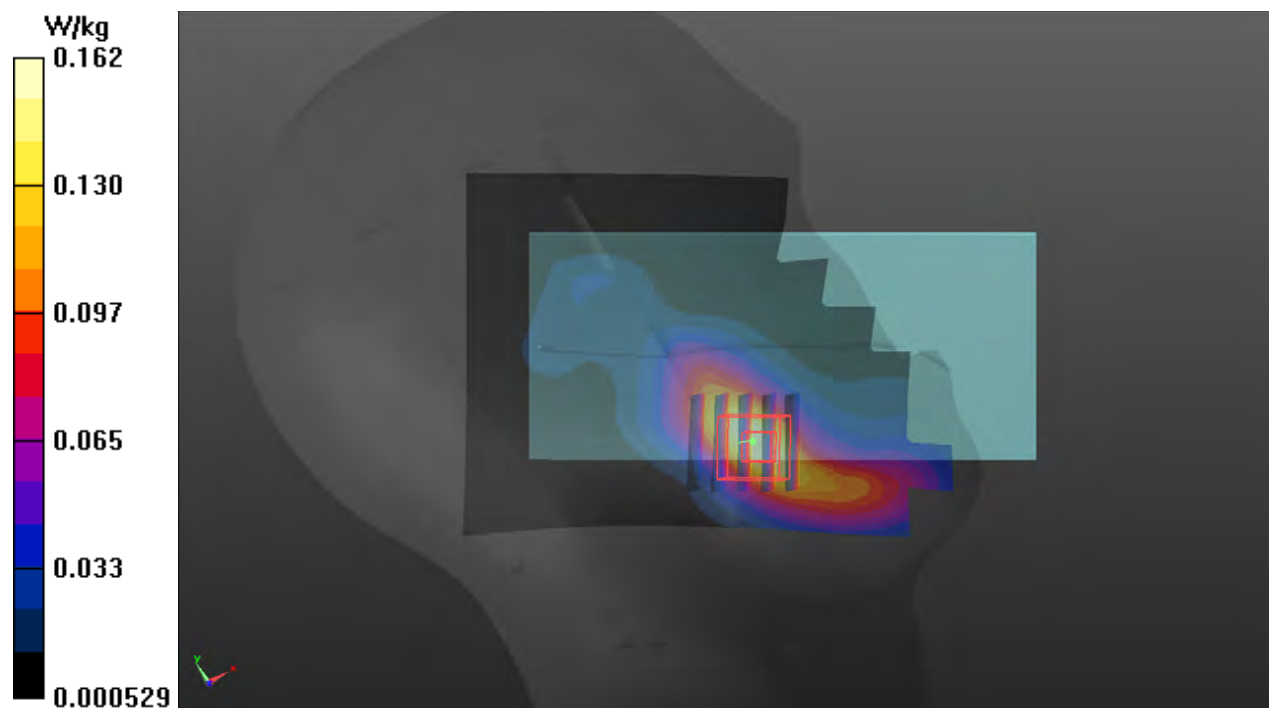
Peak SAR (extrapolated) = 0.185 W/kg

SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.076 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 12.3 mm

Ratio of SAR at M2 to SAR at M1 = 67.9%

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



P907 LTE 2_QPSK20M_Right Cheek_Ch18700_1RB_OS0_Ant 9_w_RCV

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 1860 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0303 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.425$ S/m; $\epsilon_r = 39.791$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.98, 7.98, 7.98) @ 1860 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2020/06/22
- Phantom: Twin SAM Phantom_1653; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.43 W/kg

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

Reference Value = 33.29 V/m; Power Drift = -0.19 dB

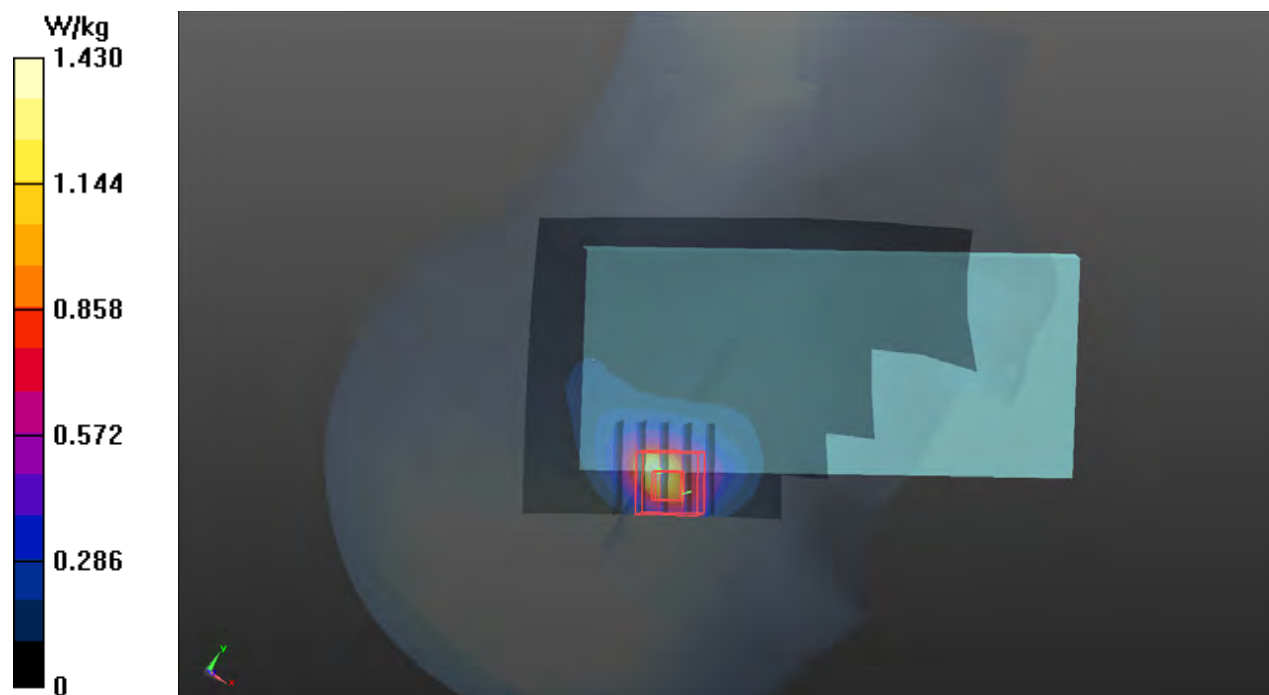
Peak SAR (extrapolated) = 1.90 W/kg

SAR(1 g) = 0.824 W/kg; SAR(10 g) = 0.380 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 46.9%

Maximum value of SAR (measured) = 1.42 W/kg



P22 LTE 4_QPSK20M_Left Cheek_Ch20300_1RB_OS0_Ant 1

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1745 MHz; Duty Cycle: 1:3.74
Medium: H16T20N1_0113 Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.319$ S/m;
 $\epsilon_r = 39.038$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.58, 8.58, 8.58) @ 1745 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.154 W/kg

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

Reference Value = 10.24 V/m; Power Drift = -0.11 dB

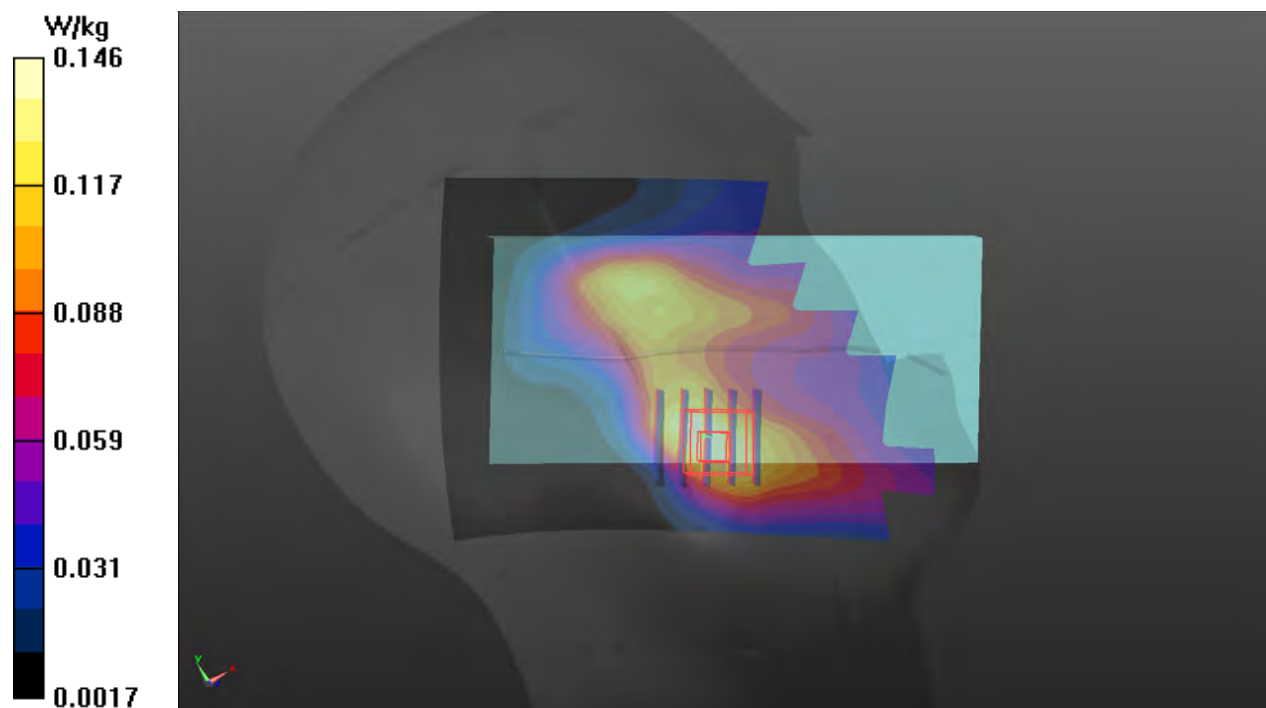
Peak SAR (extrapolated) = 0.171 W/kg

SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.080 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 11.7 mm

Ratio of SAR at M2 to SAR at M1 = 72.7%

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



P908 LTE 4_QPSK20M_Right Tilted_Ch20300_1RB_OS0_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 1745 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0303 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.324$ S/m; $\epsilon_r = 40.34$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.58, 8.58, 8.58) @ 1745 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 27.58 V/m; Power Drift = -0.03 dB

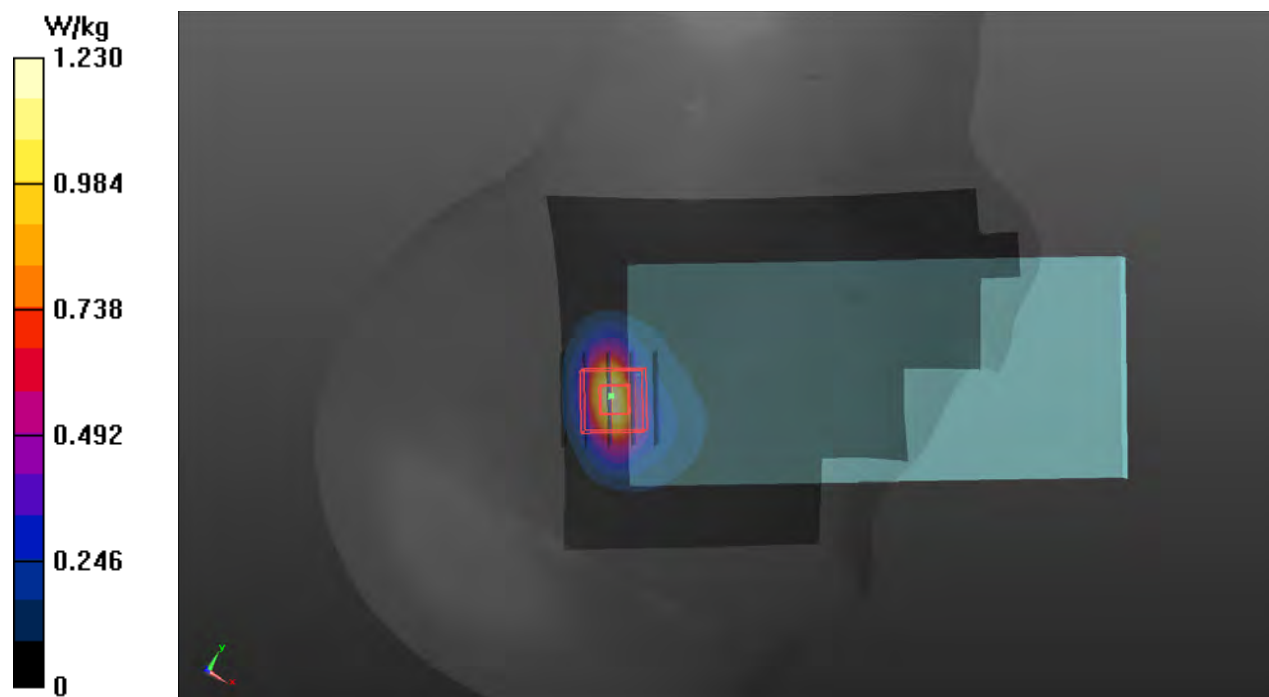
Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 0.897 W/kg; SAR(10 g) = 0.439 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 56.3%

Maximum value of SAR (measured) = 1.35 W/kg



P24 LTE 4_QPSK20M_Left Cheek_Ch20050_1RB_OS0_Ant 8

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 1720 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0111 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.314$ S/m; $\epsilon_r = 41.164$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.58, 8.58, 8.58) @ 1720 MHz; Calibrated: 2020/09/28

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15

- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0730 W/kg

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

Reference Value = 6.943 V/m; Power Drift = -0.09 dB

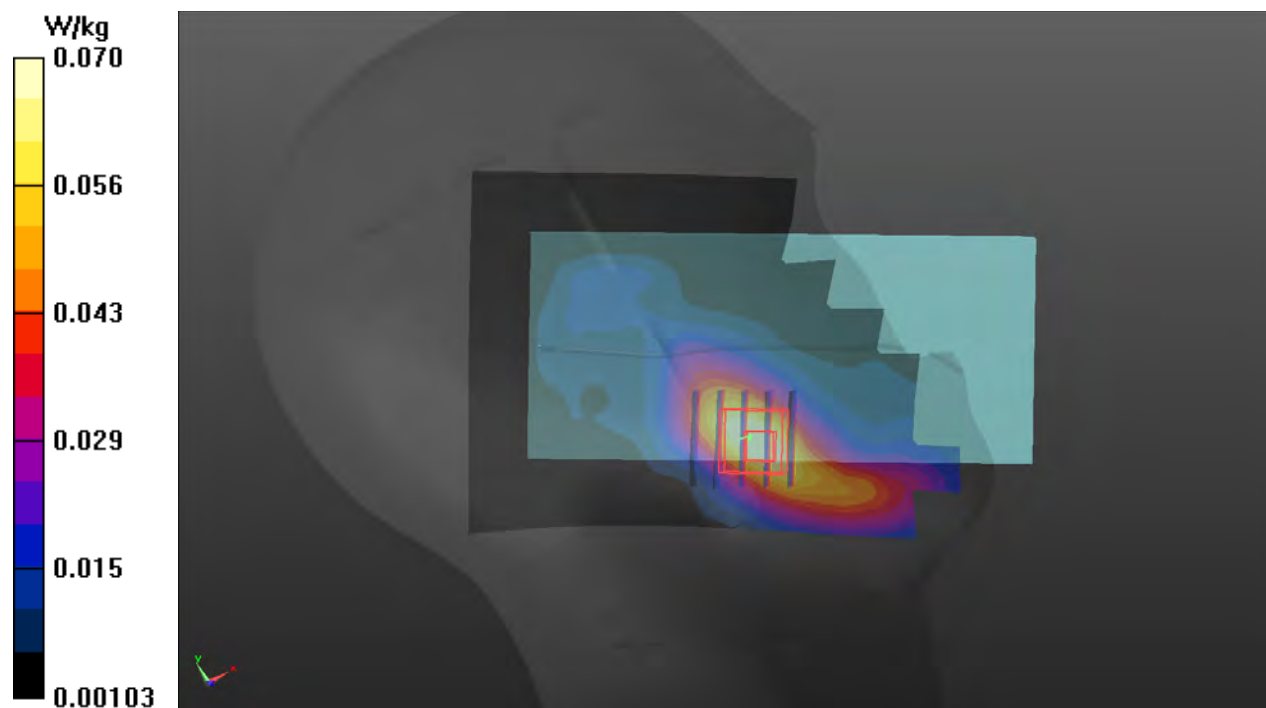
Peak SAR (extrapolated) = 0.0820 W/kg

SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.037 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 70.7%

Maximum value of SAR (measured) = 0.0703 W/kg



P909 LTE 4_QPSK20M_Right Cheek_Ch20300_1RB_OS0_Ant 9_w_RCV

DUT: BFLF-WTW-P20120540

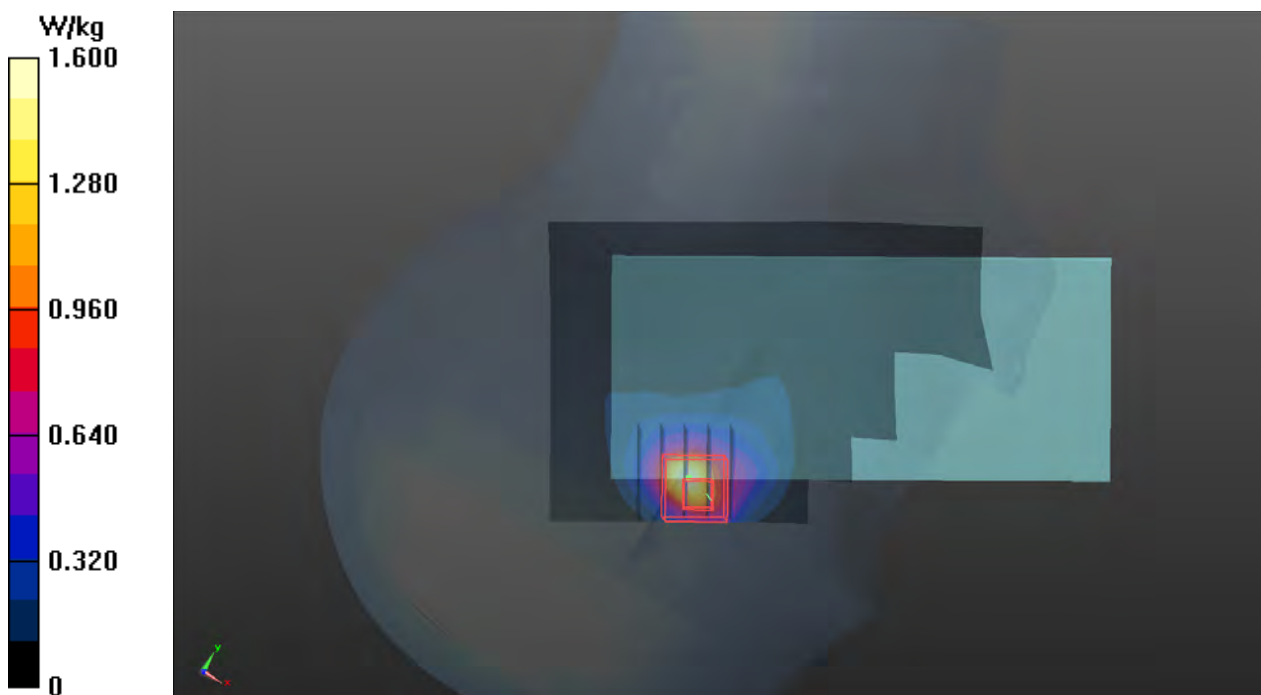
Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1745 MHz; Duty Cycle: 1:3.74
Medium: H16T20N1_0303 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.324$ S/m; $\epsilon_r = 40.34$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(8.24, 8.24, 8.24) @ 1745 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2020/06/22
- Phantom: Twin SAM Phantom_1653; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.60 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 36.35 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 2.05 W/kg
SAR(1 g) = 0.926 W/kg; SAR(10 g) = 0.430 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 47.1%
Maximum value of SAR (measured) = 1.56 W/kg



P26 LTE 5_QPSK10M_Right Cheek_Ch20525_1RB_OS0_Ant 0

DUT: BFLF-WTW-P20120540

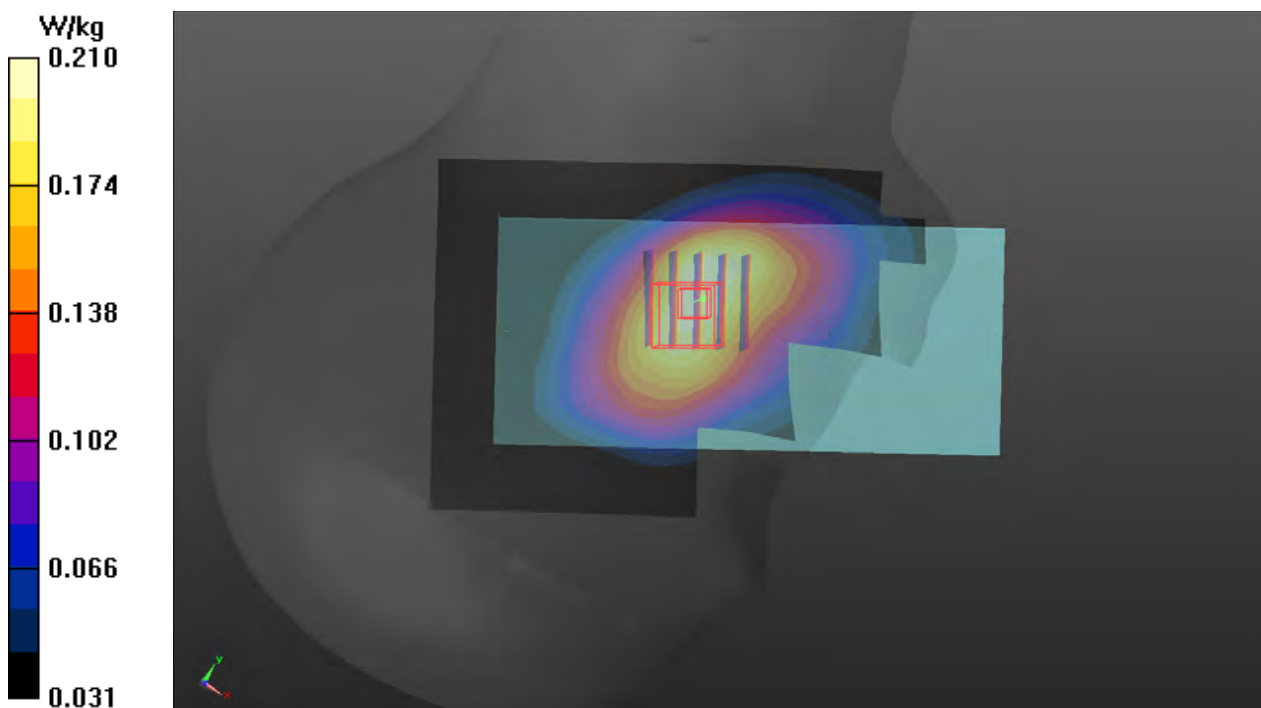
Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);
Frequency: 836.5 MHz; Duty Cycle: 1:3.74
Medium: H07T10N1_0113 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.921$ S/m;
 $\epsilon_r = 41.73$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.05, 10.05, 10.05) @ 836.5 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.215 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.97 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.226 W/kg
SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.144 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 81.2%
Maximum value of SAR (measured) = 0.210 W/kg



P910 LTE 5_QPSK10M_Right Cheek_Ch20450_1RB_OS0_Ant 2**DUT: BFLF-WTW-P20120540**

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);

Frequency: 829 MHz; Duty Cycle: 1:3.74

Medium: H07T10N3_0303 Medium parameters used: $f = 829$ MHz; $\sigma = 0.924$ S/m; $\epsilon_r = 43.044$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.05, 10.05, 10.05) @ 829 MHz; Calibrated: 2020/09/28

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15

- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.48 W/kg

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

Reference Value = 40.47 V/m; Power Drift = -0.09 dB

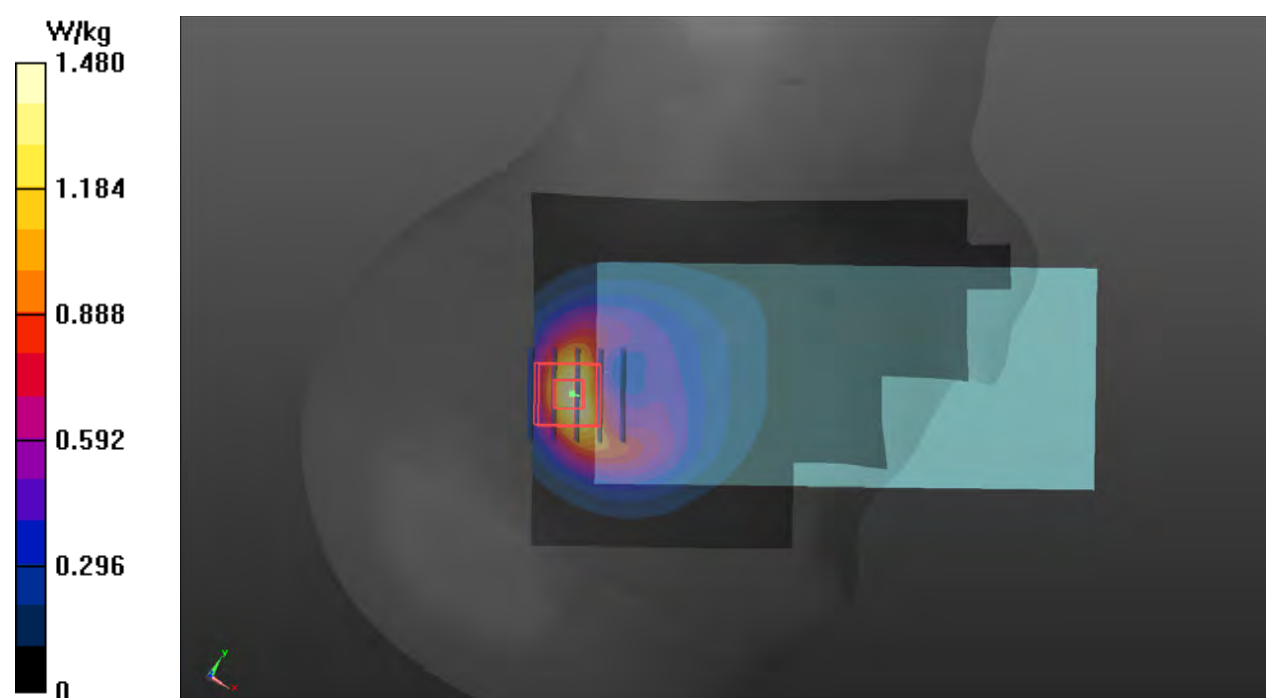
Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 0.853 W/kg; SAR(10 g) = 0.465 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 52.8%

Maximum value of SAR (measured) = 1.39 W/kg



P28 LTE 7_QPSK20M_Left Cheek_Ch21350_1RB_OS0_Ant 1

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 2560 MHz; Duty Cycle: 1:3.74

Medium: H19T27N1_0114 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.977$ S/m; $\epsilon_r = 37.709$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.28, 7.28, 7.28) @ 2560 MHz; Calibrated: 2020/09/28

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15

- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

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

Reference Value = 10.17 V/m; Power Drift = -0.04 dB

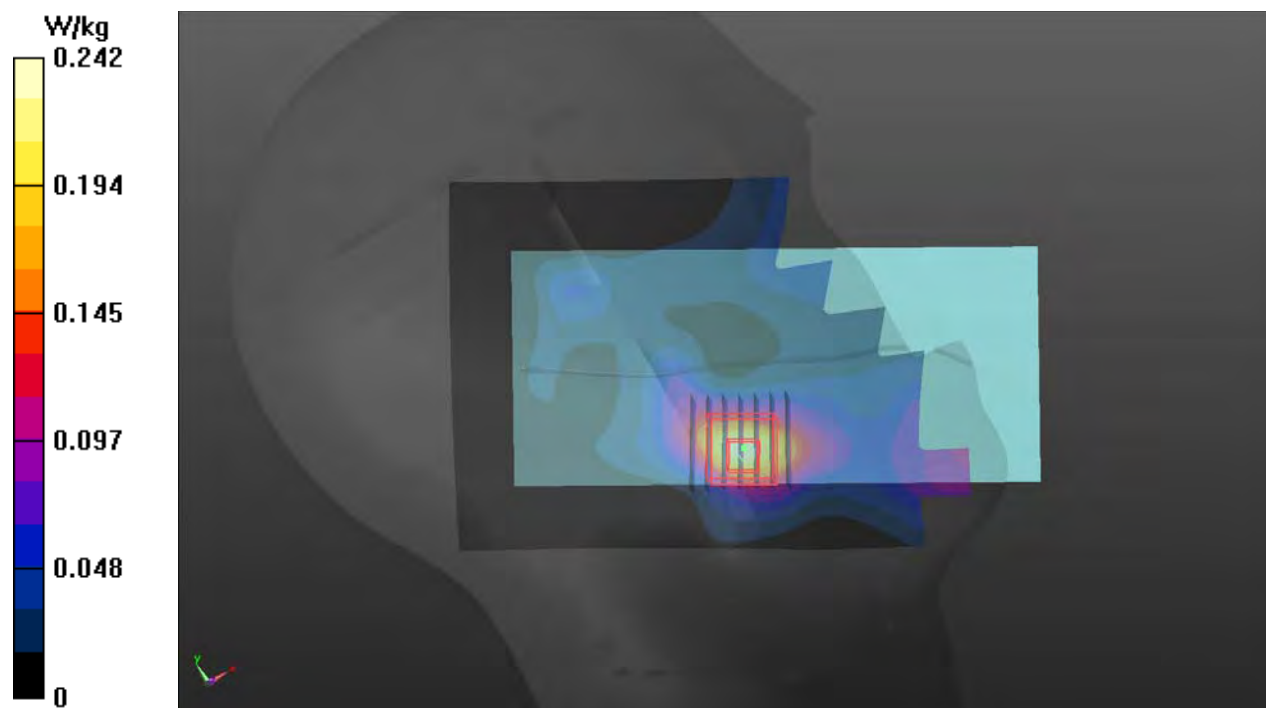
Peak SAR (extrapolated) = 0.243 W/kg

SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.077 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 10.4 mm

Ratio of SAR at M2 to SAR at M1 = 58.6%

Maximum value of SAR (measured) = 0.203 W/kg



P911 LTE 7_QPSK20M_Left Tilted_Ch21350_1RB_OS0_Ant 2_w_RCV

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 2560 MHz; Duty Cycle: 1:3.74

Medium: H19T27N1_0303 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.005$ S/m; $\epsilon_r = 38.44$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.21, 7.21, 7.21) @ 2560 MHz; Calibrated: 2020/10/22

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn905; Calibrated: 2020/06/22

- Phantom: Twin SAM Phantom_1653; Type: QD000P40CD;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.38 W/kg

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

Reference Value = 24.60 V/m; Power Drift = -0.02 dB

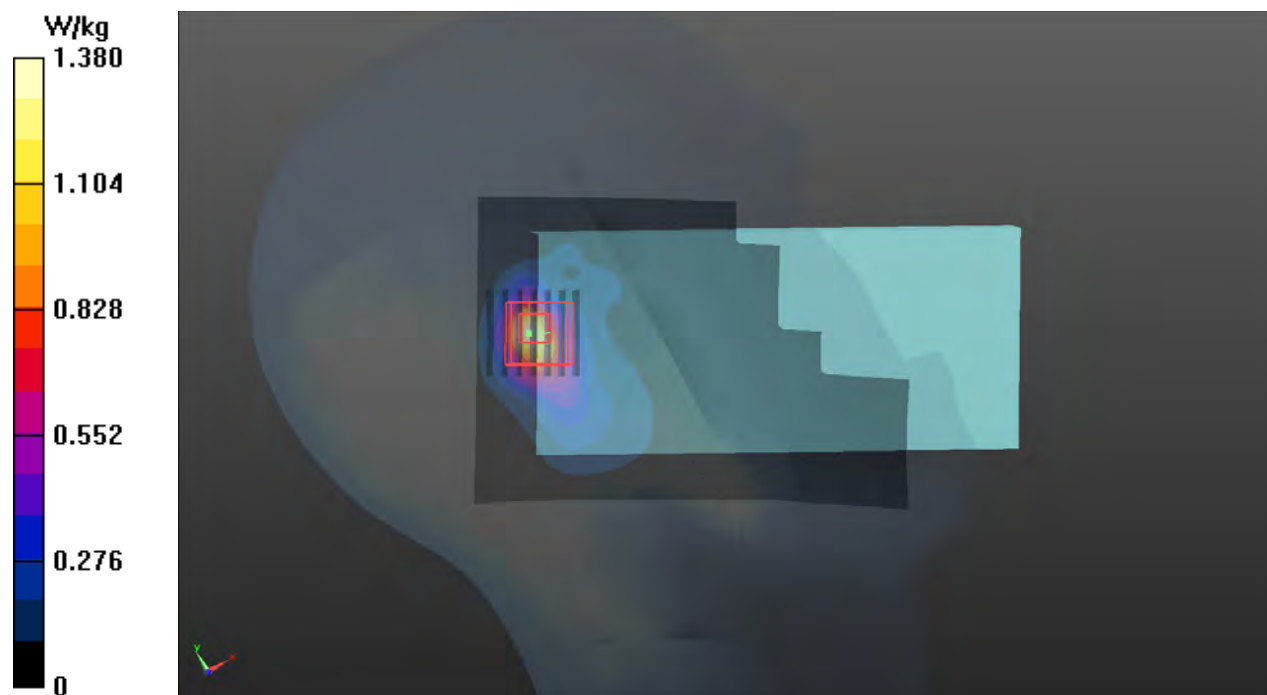
Peak SAR (extrapolated) = 2.11 W/kg

SAR(1 g) = 0.900 W/kg; SAR(10 g) = 0.388 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 6.3 mm

Ratio of SAR at M2 to SAR at M1 = 45.4%

Maximum value of SAR (measured) = 1.51 W/kg



P30 LTE 7_QPSK20M_Left Cheek_Ch20850_1RB_OS0_Ant 8

DUT: BFLF-WTW-P20120540

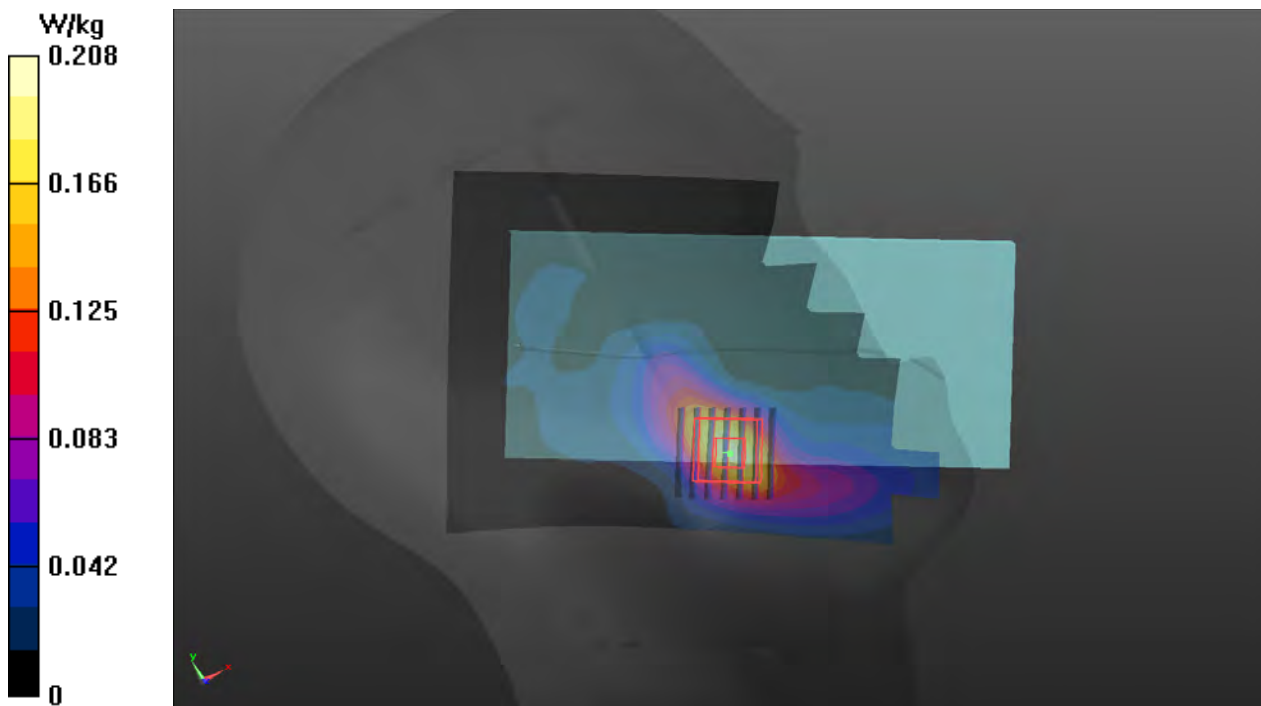
Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2510 MHz; Duty Cycle: 1:3.74
Medium: H19T27N1_0115 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.94$ S/m; $\epsilon_r = 39.171$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.28, 7.28, 7.28) @ 2510 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.201 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.466 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.245 W/kg
SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.077 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 10.2 mm
Ratio of SAR at M2 to SAR at M1 = 59.8%
Maximum value of SAR (measured) = 0.208 W/kg



P912 LTE 7_QPSK20M_Right Cheek_Ch21100_1RB_OS0_Ant 9_w_RCV

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2535 MHz; Duty Cycle: 1:3.74

Medium: H19T27N1_0303 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.978$ S/m; $\epsilon_r = 38.545$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.21, 7.21, 7.21) @ 2535 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2020/06/22
- Phantom: Twin SAM Phantom_1653; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.20 W/kg

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

Reference Value = 24.14 V/m; Power Drift = -0.03 dB

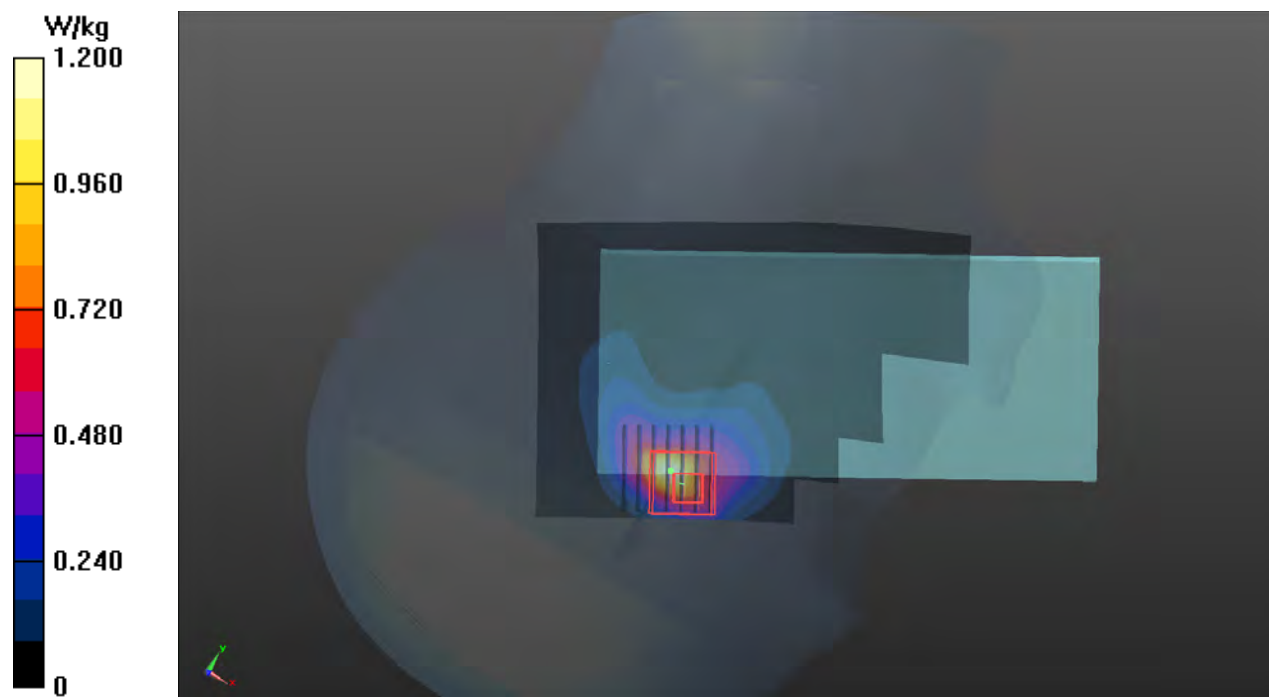
Peak SAR (extrapolated) = 2.33 W/kg

SAR(1 g) = 0.849 W/kg; SAR(10 g) = 0.340 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 5.7 mm

Ratio of SAR at M2 to SAR at M1 = 38.4%

Maximum value of SAR (measured) = 1.77 W/kg



P32 LTE 12_QPSK10M_Right Cheek_Ch23130_1RB_OS0_Ant 0

DUT: BFLF-WTW-P20120540

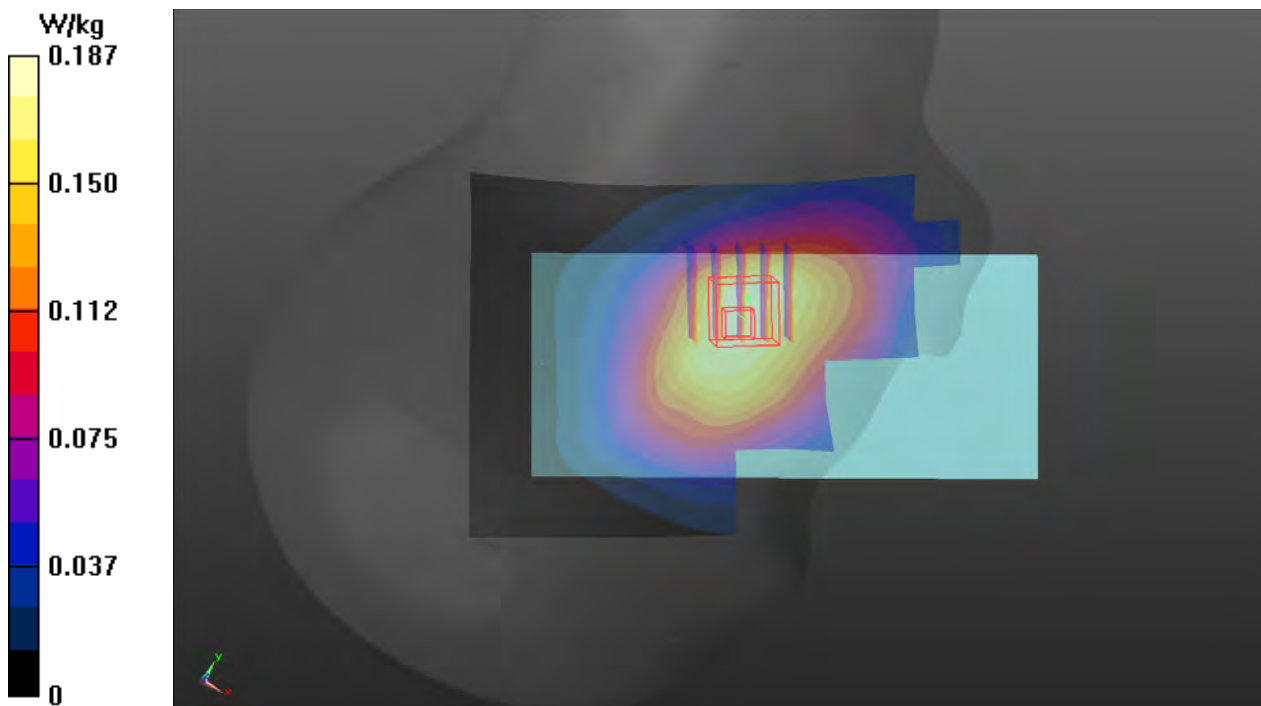
Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);
Frequency: 711 MHz; Duty Cycle: 1:3.74
Medium: H06T09N1_0114 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.915 \text{ S/m}$; $\epsilon_r = 43.503$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $23.7 \text{ }^\circ\text{C}$; Liquid Temperature : $23.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.39, 10.39, 10.39) @ 711 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.187 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 14.90 V/m ; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.197 W/kg
SAR(1 g) = 0.158 W/kg ; SAR(10 g) = 0.124 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 21.9 mm
Ratio of SAR at M2 to SAR at M1 = 83.8%
Maximum value of SAR (measured) = 0.182 W/kg



P33 LTE 12_QPSK10M_Right Cheek_Ch23130_1RB_OS0_Ant 2

DUT: BFLF-WTW-P20120540

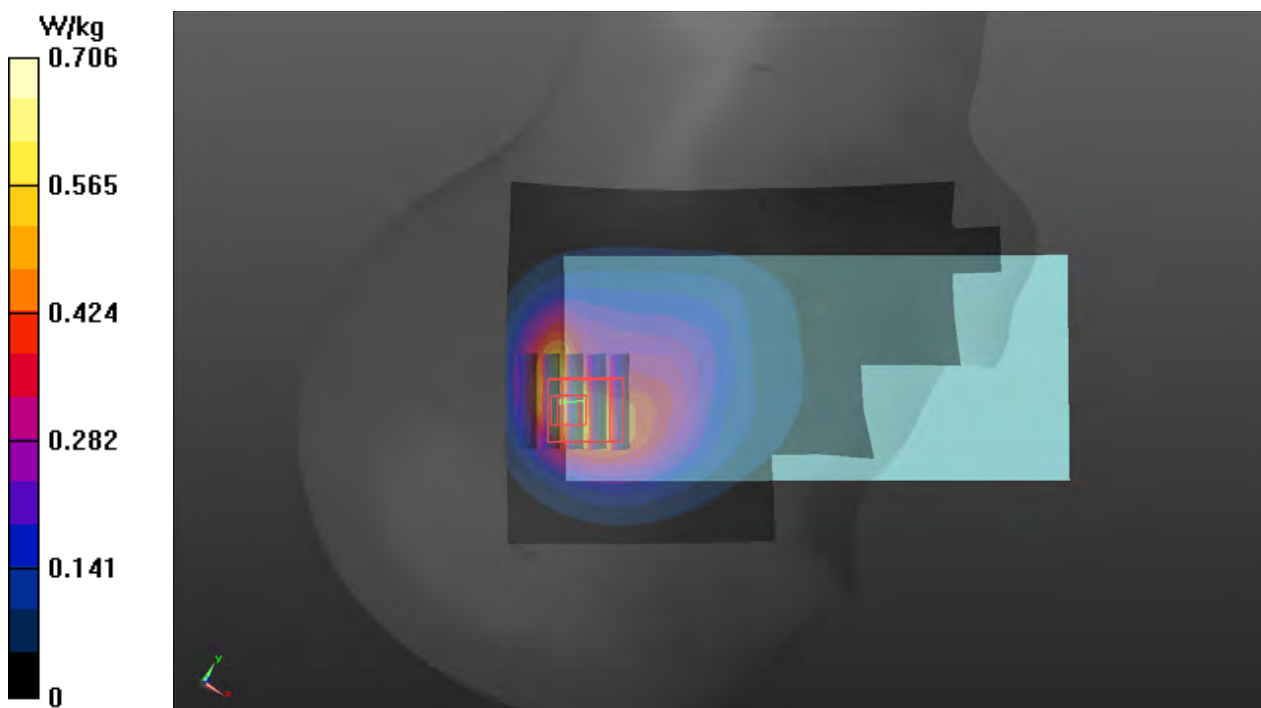
Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);
Frequency: 711 MHz; Duty Cycle: 1:3.74
Medium: H06T09N1_0112 Medium parameters used: $f = 711$ MHz; $\sigma = 0.859$ S/m; $\epsilon_r = 41.807$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.39, 10.39, 10.39) @ 711 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.706 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.08 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.983 W/kg
SAR(1 g) = 0.484 W/kg; SAR(10 g) = 0.278 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 9.7 mm
Ratio of SAR at M2 to SAR at M1 = 47.5%
Maximum value of SAR (measured) = 0.791 W/kg



P34 LTE 13_QPSK10M_Right Cheek_Ch23230_1RB_OS0_Ant 0

DUT: BFLF-WTW-P20120540

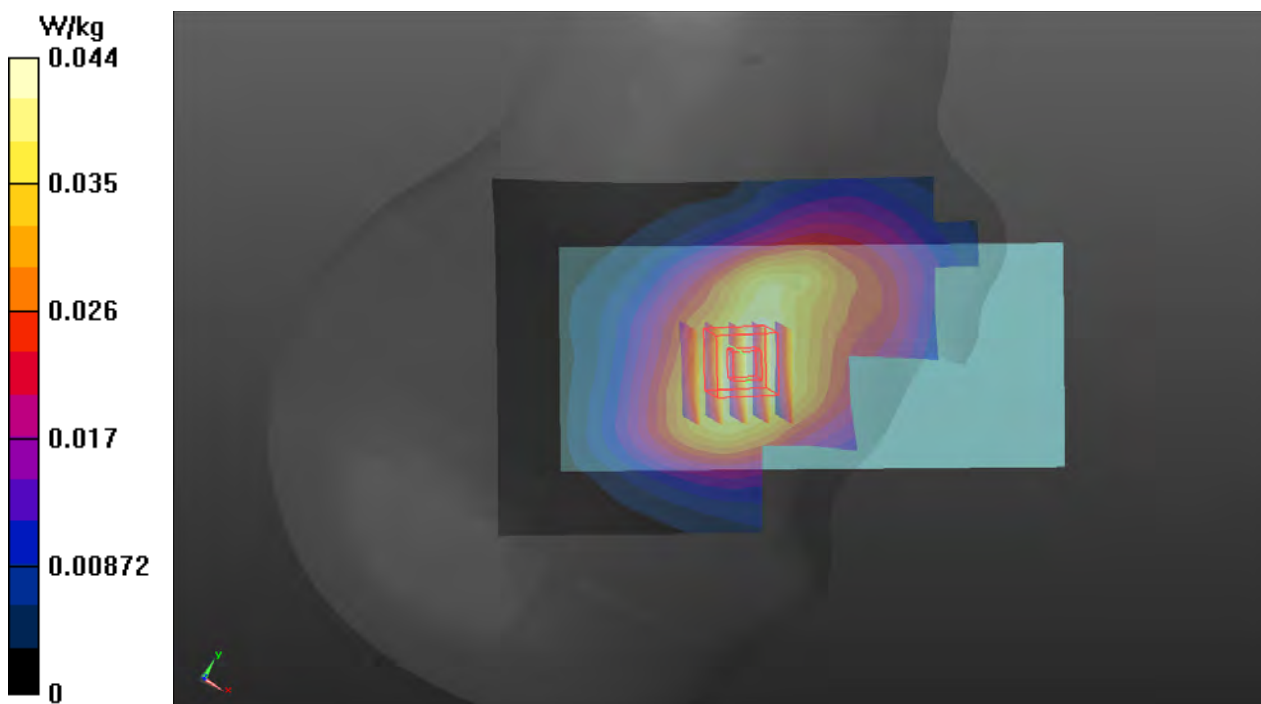
Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);
Frequency: 782 MHz; Duty Cycle: 1:3.74
Medium: H06T09N1_0114 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.937 \text{ S/m}$; $\epsilon_r = 43.348$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $23.7 \text{ }^\circ\text{C}$; Liquid Temperature : $23.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.39, 10.39, 10.39) @ 782 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.0436 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 6.995 V/m ; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.0460 W/kg
SAR(1 g) = 0.037 W/kg ; SAR(10 g) = 0.031 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 85.2%
Maximum value of SAR (measured) = 0.0433 W/kg



P913 LTE 13_QPSK10M_Right Cheek_Ch23230_1RB_OS0_Ant 2

DUT: BFLF-WTW-P20120540

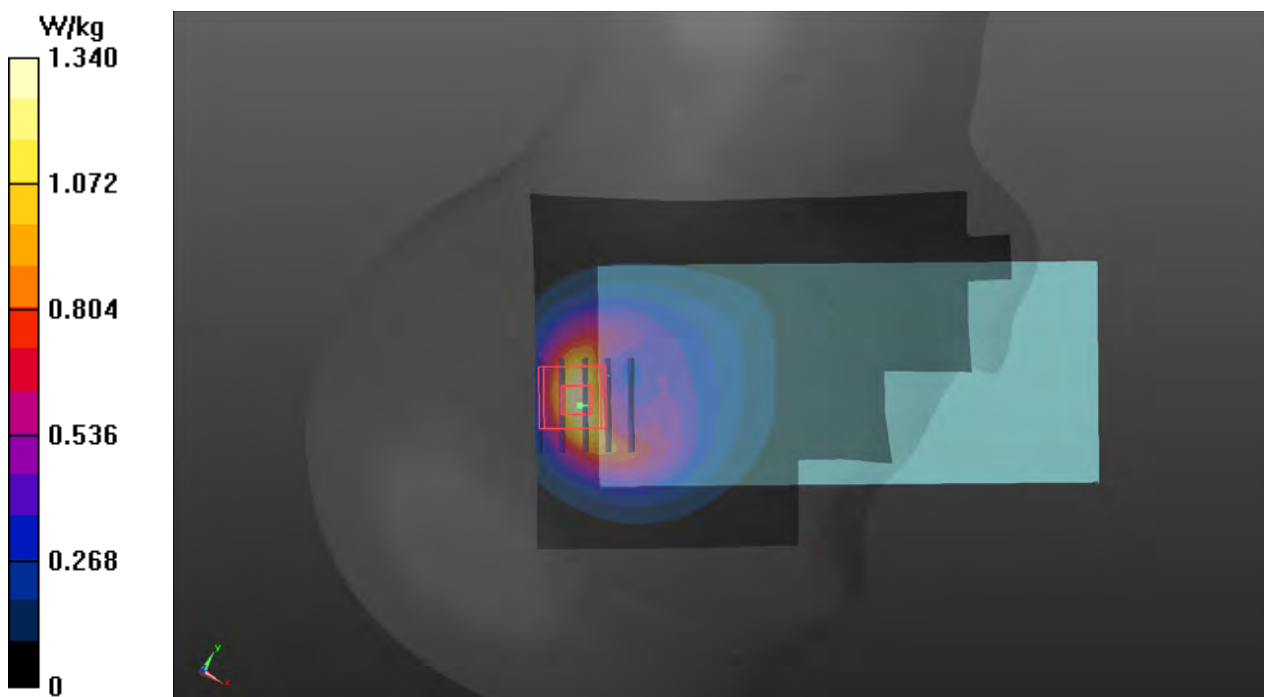
Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);
Frequency: 782 MHz; Duty Cycle: 1:3.74
Medium: H06T09N1_0303 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.918 \text{ S/m}$; $\epsilon_r = 43.043$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $23.1 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.39, 10.39, 10.39) @ 782 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 1.34 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 39.74 V/m ; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 0.827 W/kg ; SAR(10 g) = 0.446 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 51.6%
Maximum value of SAR (measured) = 1.37 W/kg



P36 LTE 14_QPSK10M_Right Cheek_Ch23330_1RB_OS0_Ant 0

DUT: BFLF-WTW-P20120540

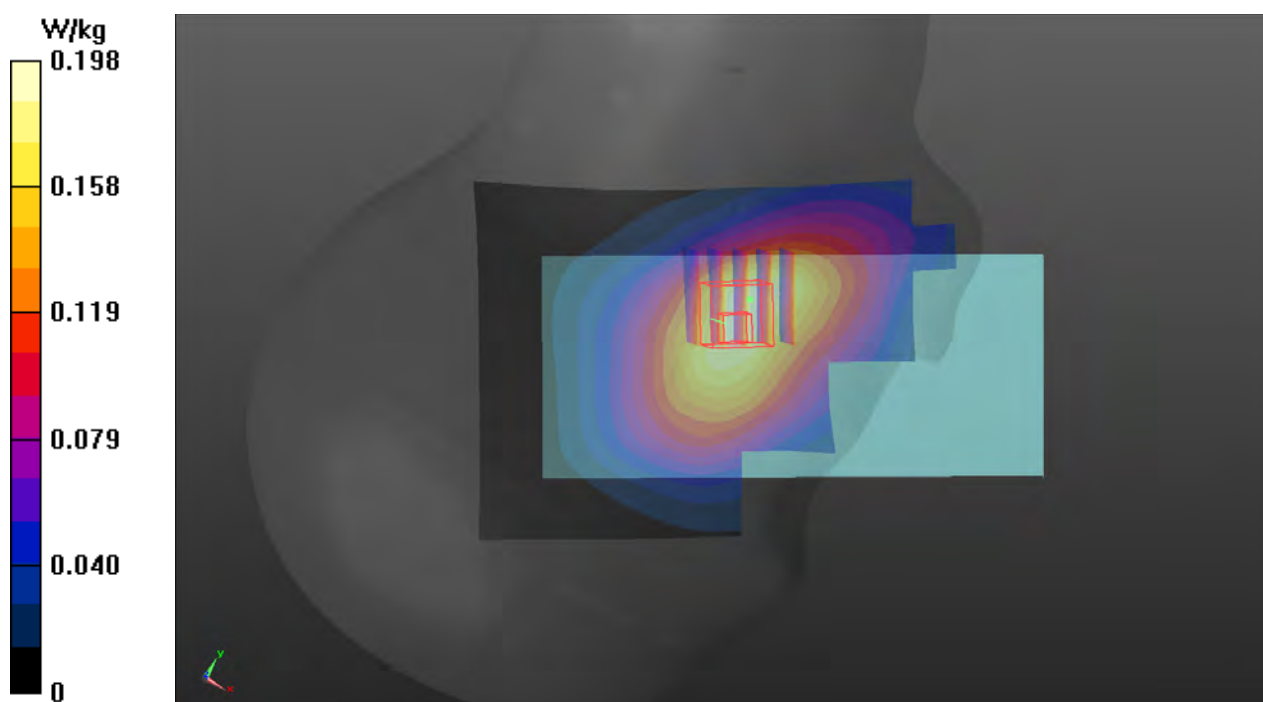
Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);
 Frequency: 793 MHz; Duty Cycle: 1:3.74
 Medium: H06T09N1_0114 Medium parameters used: $f = 793$ MHz; $\sigma = 0.942$ S/m; $\epsilon_r = 43.316$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.39, 10.39, 10.39) @ 793 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.198 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 15.13 V/m; Power Drift = -0.04 dB
 Peak SAR (extrapolated) = 0.209 W/kg
SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.126 W/kg (SAR corrected for target medium)
 Smallest distance from peaks to all points 3 dB below = 23.3 mm
 Ratio of SAR at M2 to SAR at M1 = 80.2%
 Maximum value of SAR (measured) = 0.193 W/kg



P37 LTE 14_QPSK10M_Right Cheek_Ch23330_1RB_OS0_Ant 2

DUT: BFLF-WTW-P20120540

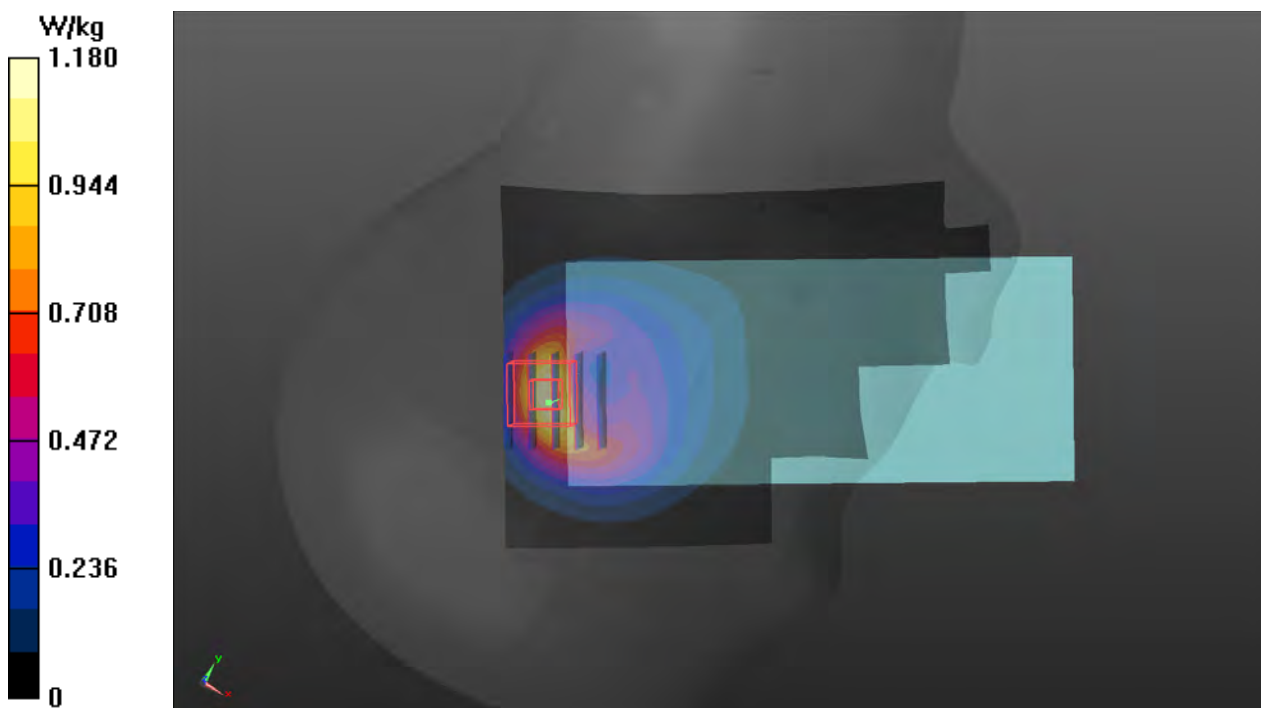
Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);
Frequency: 793 MHz; Duty Cycle: 1:3.74
Medium: H06T09N1_0112 Medium parameters used: $f = 793$ MHz; $\sigma = 0.932$ S/m; $\epsilon_r = 40.774$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.39, 10.39, 10.39) @ 793 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.18 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 37.05 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.623 W/kg; SAR(10 g) = 0.342 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 51.8%
Maximum value of SAR (measured) = 1.22 W/kg



P38 LTE 17_QPSK10M_Right Cheek_Ch23800_1RB_OS0_Ant 0

DUT: BFLF-WTW-P20120540

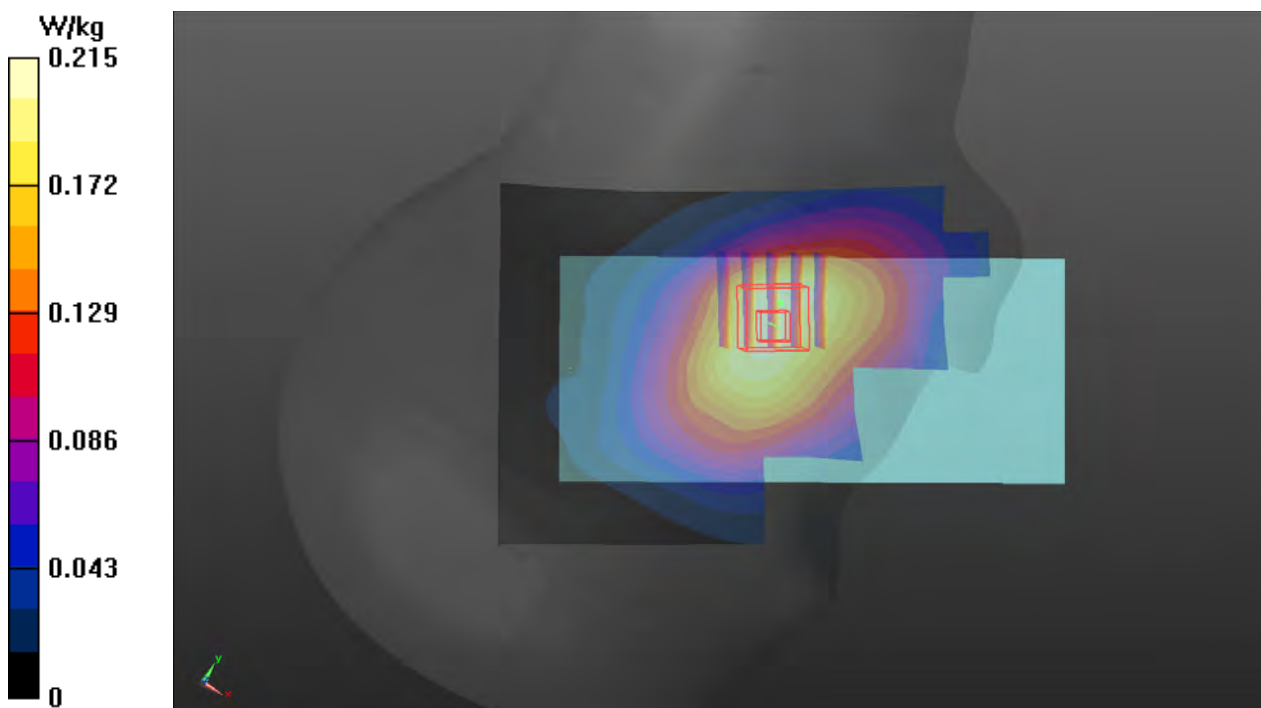
Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);
 Frequency: 711 MHz; Duty Cycle: 1:3.74
 Medium: H06T09N1_0114 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.915 \text{ S/m}$; $\epsilon_r = 43.503$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $23.7 \text{ }^\circ\text{C}$; Liquid Temperature : $23.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.39, 10.39, 10.39) @ 711 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.215 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 15.97 V/m ; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 0.227 W/kg
SAR(1 g) = 0.181 W/kg ; SAR(10 g) = 0.144 W/kg (SAR corrected for target medium)
 Smallest distance from peaks to all points 3 dB below = 23.4 mm
 Ratio of SAR at M2 to SAR at M1 = 83.1%
 Maximum value of SAR (measured) = 0.211 W/kg



P39 LTE 17_QPSK10M_Right Cheek_Ch23800_1RB_OS0_Ant 2

DUT: BFLF-WTW-P20120540

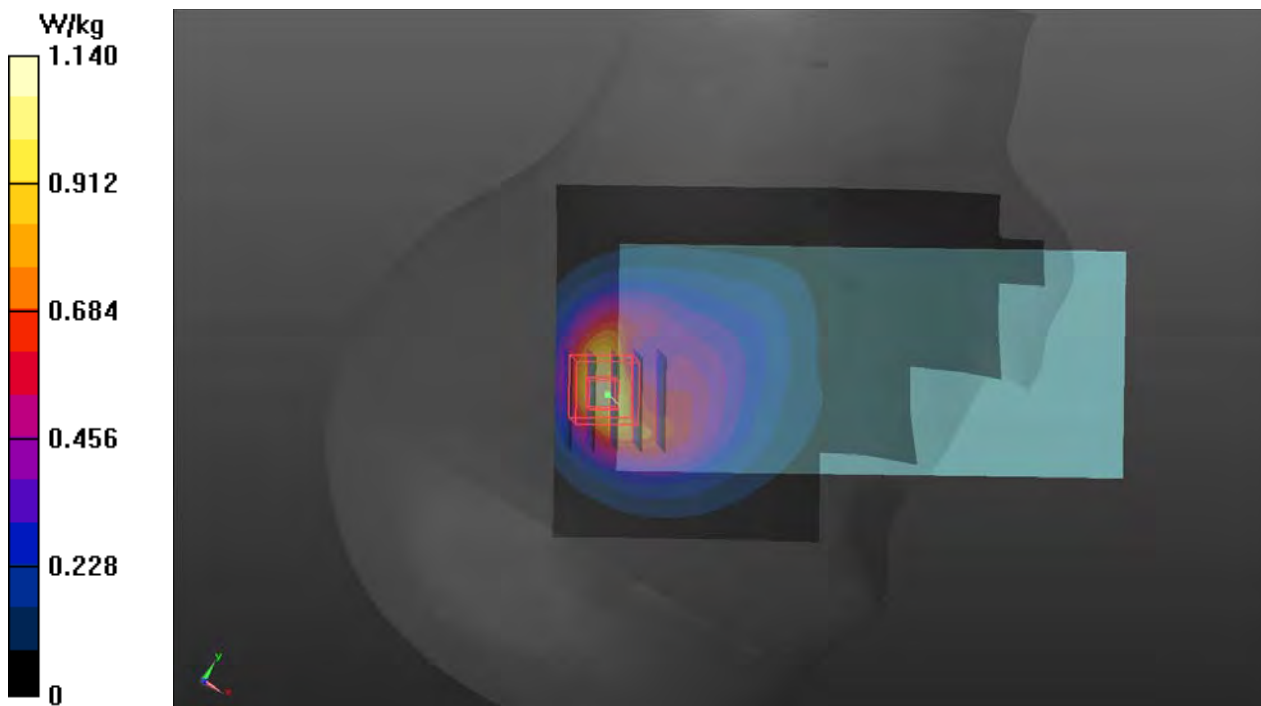
Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);
Frequency: 711 MHz; Duty Cycle: 1:3.74
Medium: H06T09N1_0112 Medium parameters used: $f = 711$ MHz; $\sigma = 0.859$ S/m; $\epsilon_r = 41.807$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.39, 10.39, 10.39) @ 711 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.14 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 38.71 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.654 W/kg; SAR(10 g) = 0.357 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.7 mm
Ratio of SAR at M2 to SAR at M1 = 46.3%
Maximum value of SAR (measured) = 1.19 W/kg



P40 LTE 25_QPSK20M_Left Cheek_Ch26140_1RB_OS0_Ant 1

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 1860 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0114 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.421$ S/m; $\epsilon_r = 39.724$; $\rho = 1000$ kg/m³

Ambient Temperature : 23. °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.26, 8.26, 8.26) @ 1860 MHz; Calibrated: 2020/09/28

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15

- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 11.17 V/m; Power Drift = 0.05 dB

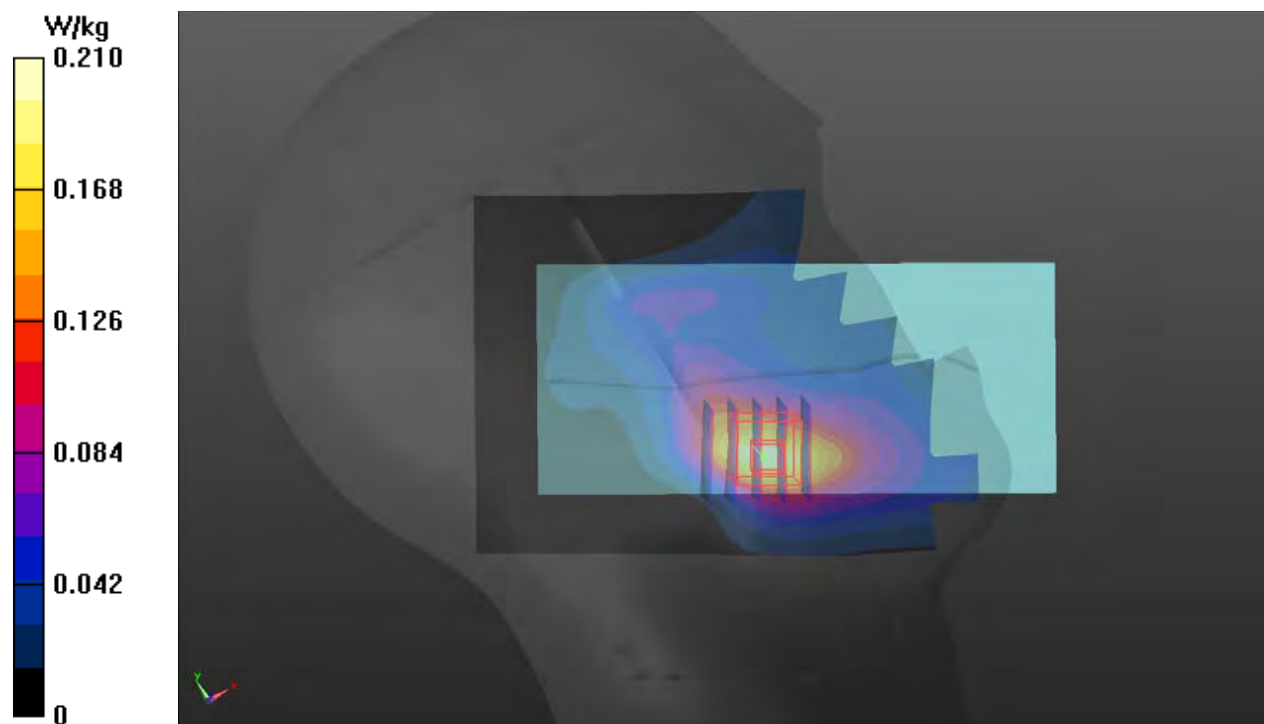
Peak SAR (extrapolated) = 0.217 W/kg

SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.091 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 13.8 mm

Ratio of SAR at M2 to SAR at M1 = 67.5%

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



P914 LTE 25_QPSK20M_Right Tilted_Ch26590_1RB_OS0_Ant 2_w_RCV

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1905 MHz; Duty Cycle: 1:3.74
Medium: H16T20N1_0303 Medium parameters used (interpolated): $f = 1905$ MHz; $\sigma = 1.459$ S/m;
 $\epsilon_r = 39.649$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.98, 7.98, 7.98) @ 1905 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2020/06/22
- Phantom: Twin SAM Phantom_1653; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.39 W/kg

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

Reference Value = 31.91 V/m; Power Drift = -0.05 dB

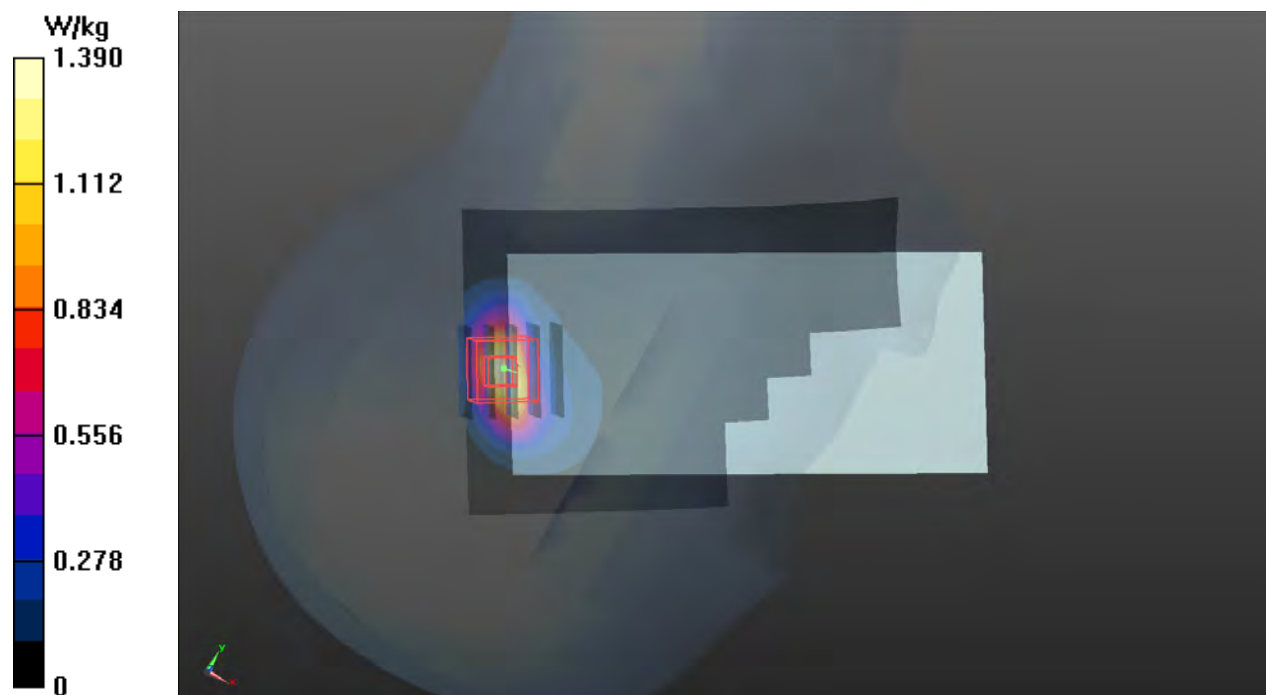
Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 0.842 W/kg; SAR(10 g) = 0.407 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 49.9%

Maximum value of SAR (measured) = 1.43 W/kg



P42 LTE 25_QPSK20M_Left Cheek_Ch26590_1RB_OS0_Ant 8

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
 Frequency: 1905 MHz; Duty Cycle: 1:3.74
 Medium: H16T20N1_0115 Medium parameters used (interpolated): $f = 1905$ MHz; $\sigma = 1.463$ S/m;
 $\epsilon_r = 39.718$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.26, 8.26, 8.26) @ 1905 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.147 W/kg

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

Reference Value = 9.384 V/m; Power Drift = -0.03 dB

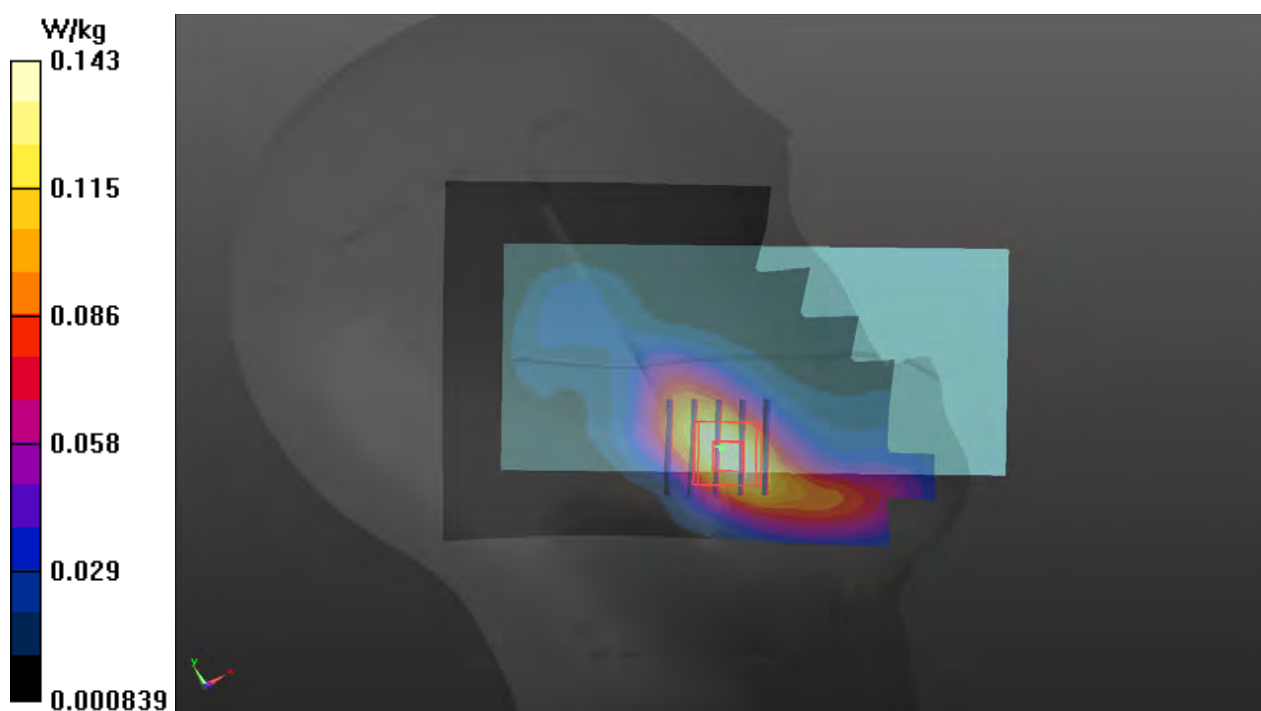
Peak SAR (extrapolated) = 0.167 W/kg

SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.069 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 11.7 mm

Ratio of SAR at M2 to SAR at M1 = 69.3%

Maximum value of SAR (measured) = 0.143 W/kg



P43 LTE 26_QPSK15M_Right Cheek_Ch26765_1RB_OS0_Ant 0

DUT: BFLF-WTW-P20120540

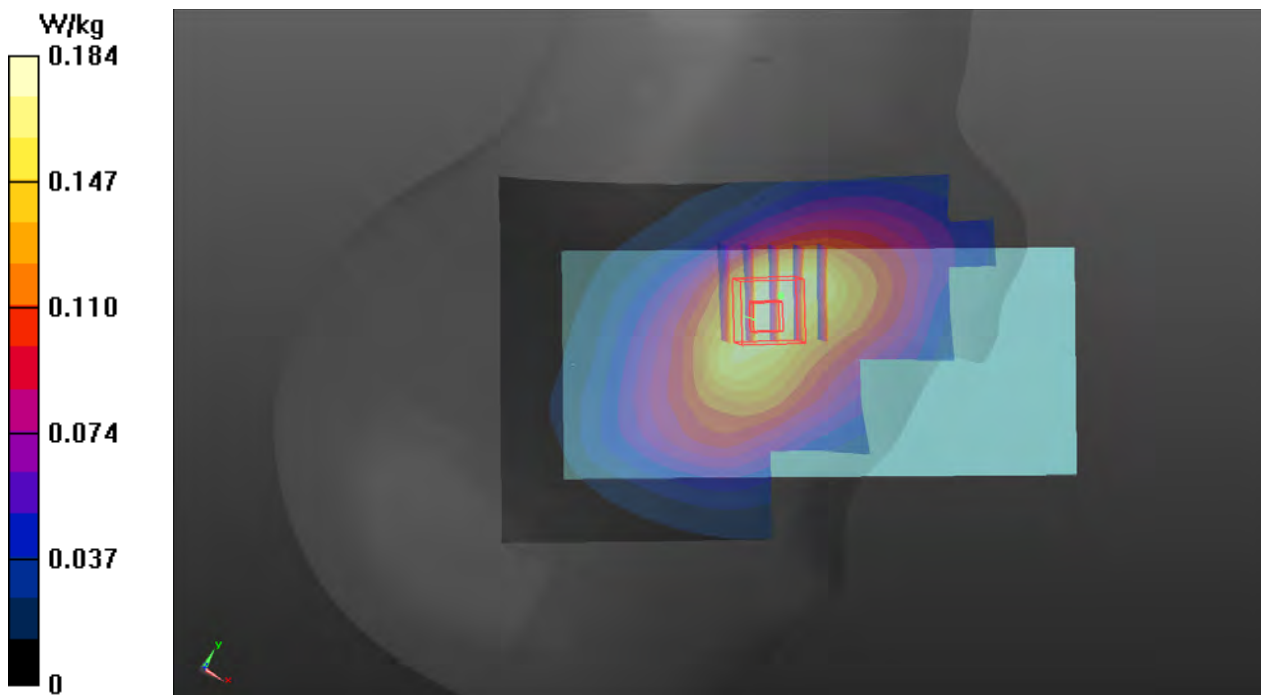
Communication System: UID 10181 - CAE, LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK);
Frequency: 821.5 MHz; Duty Cycle: 1:3.74
Medium: H07T10N1_0114 Medium parameters used (interpolated): $f = 821.5$ MHz; $\sigma = 0.892$ S/m;
 $\epsilon_r = 41.473$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.05, 10.05, 10.05) @ 821.5 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.184 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.90 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.204 W/kg
SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.119 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 22.5 mm
Ratio of SAR at M2 to SAR at M1 = 77%
Maximum value of SAR (measured) = 0.187 W/kg



P918 LTE 26_QPSK15M_Right Cheek_Ch26765_1RB_OS0_Ant 2

DUT: BFLF-WTW-P20120540

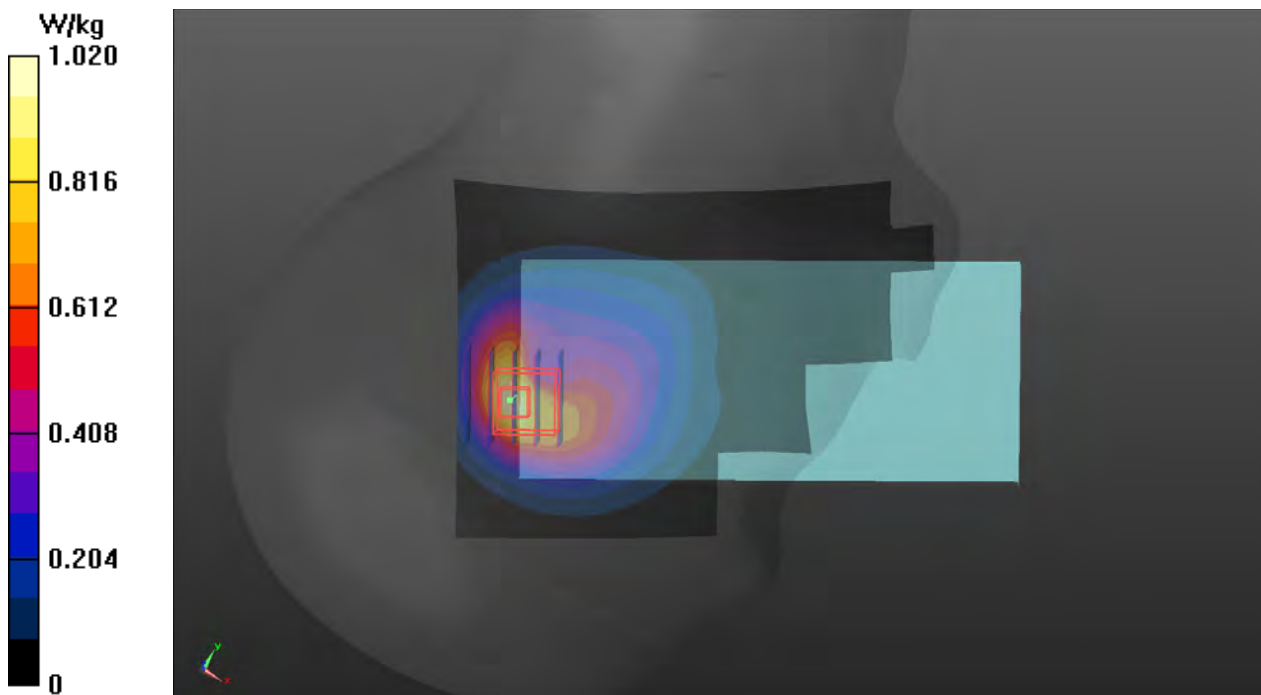
Communication System: UID 10181 - CAE, LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK);
Frequency: 821.5 MHz; Duty Cycle: 1:3.74
Medium: H07T10N3_0303 Medium parameters used (interpolated): $f = 821.5$ MHz; $\sigma = 0.917$ S/m;
 $\epsilon_r = 43.141$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.05, 10.05, 10.05) @ 821.5 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.02 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.14 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.667 W/kg; SAR(10 g) = 0.383 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 51.1%
Maximum value of SAR (measured) = 1.09 W/kg



P45 LTE 30_QPSK10M_Left Cheek_Ch27710_1RB_OS0_Ant 1

DUT: BFLF-WTW-P20120540

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);

Frequency: 2310 MHz; Duty Cycle: 1:3.74

Medium: H19T27N1_0114 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.725$ S/m; $\epsilon_r = 38.568$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.62, 7.62, 7.62) @ 2310 MHz; Calibrated: 2020/09/28

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15

- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.323 W/kg

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

Reference Value = 11.97 V/m; Power Drift = -0.08 dB

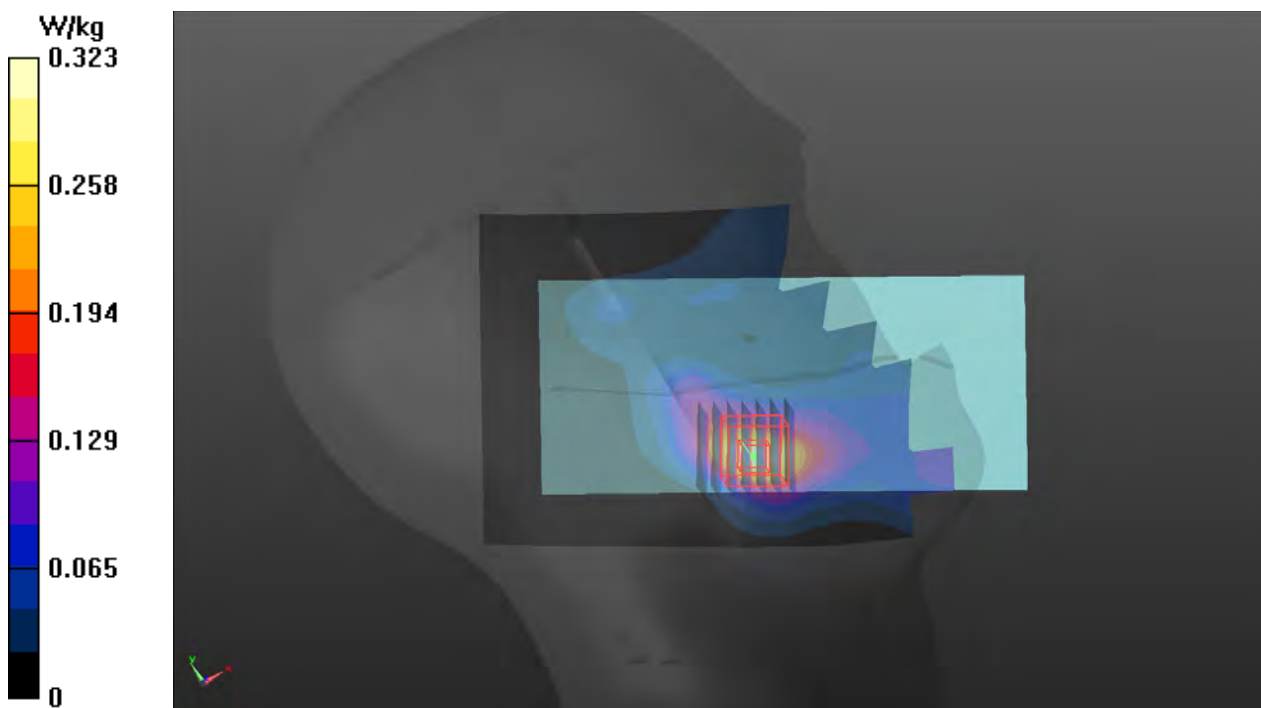
Peak SAR (extrapolated) = 0.341 W/kg

SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.112 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 61.7%

Maximum value of SAR (measured) = 0.284 W/kg



P915 LTE 30_QPSK10M_Right Tilted_Ch27710_1RB_OS0_Ant 2_w_RCV

DUT: BFLF-WTW-P20120540

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);

Frequency: 2310 MHz; Duty Cycle: 1:3.74

Medium: H19T27N1_0303 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.739$ S/m; $\epsilon_r = 39.429$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.7, 7.7, 7.7) @ 2310 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2020/06/22
- Phantom: Twin SAM Phantom_1653; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.72 W/kg

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

Reference Value = 32.67 V/m; Power Drift = -0.04 dB

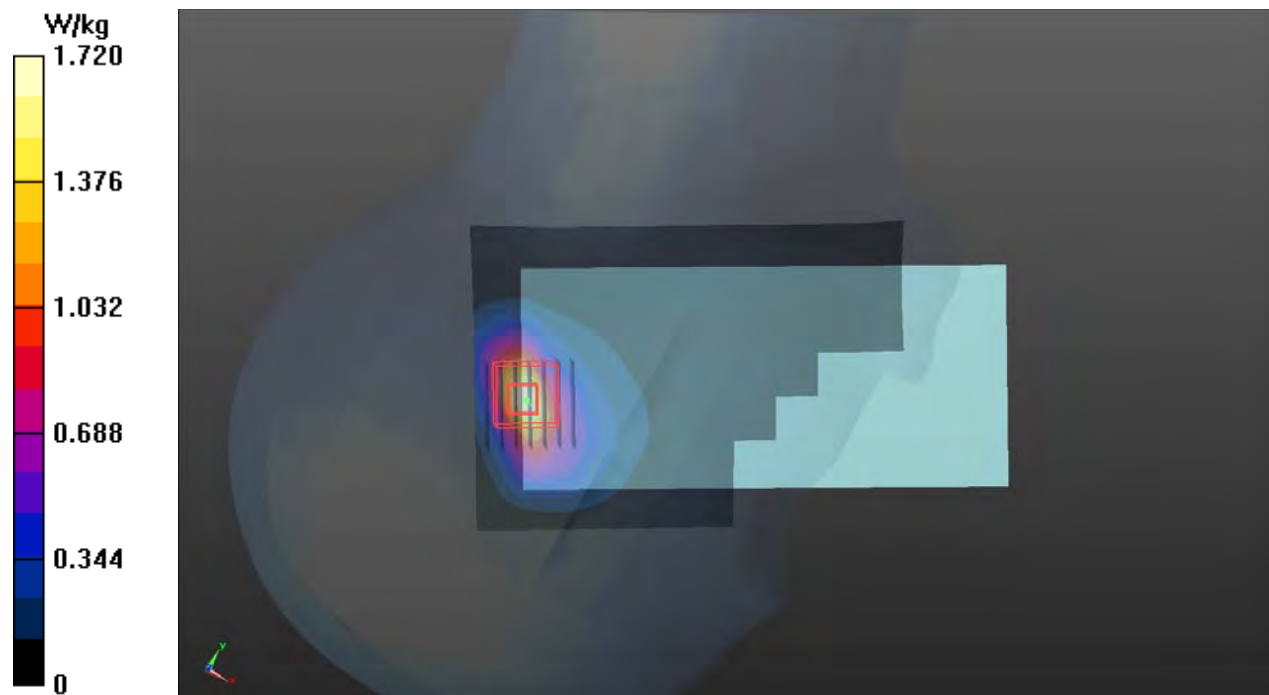
Peak SAR (extrapolated) = 2.08 W/kg

SAR(1 g) = 0.949 W/kg; SAR(10 g) = 0.465 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 48.7%

Maximum value of SAR (measured) = 1.58 W/kg



P47 LTE 30_QPSK10M_Left Cheek_Ch27710_1RB_OS0_Ant 8

DUT: BFLF-WTW-P20120540

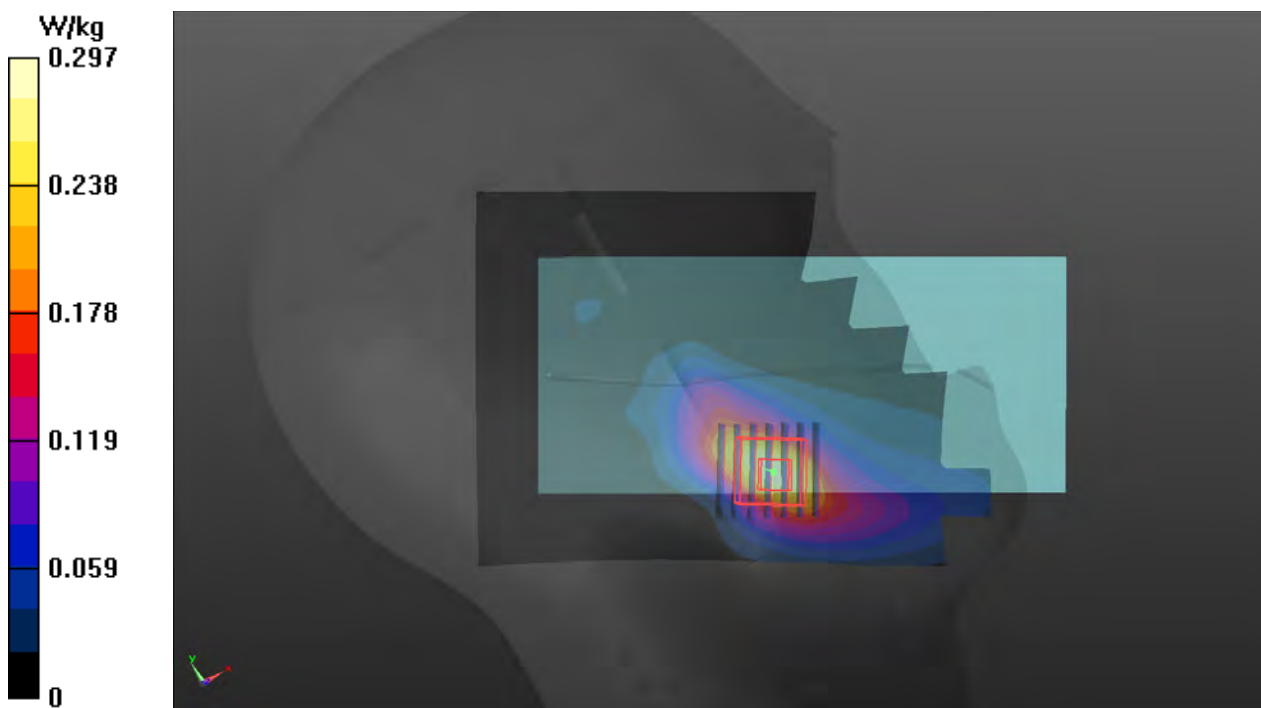
Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);
Frequency: 2310 MHz; Duty Cycle: 1:3.74
Medium: H19T27N1_0115 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.731$ S/m; $\epsilon_r = 39.88$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.62, 7.62, 7.62) @ 2310 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 0.297 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 12.21 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.364 W/kg
SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.117 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 60.2%
Maximum value of SAR (measured) = 0.297 W/kg



P48 LTE 38_QPSK20M_Left Cheek_Ch37850_1RB_OS0_Ant 1

DUT: BFLF-WTW-P20120540

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 2580 MHz; Duty Cycle: 1:8.33

Medium: H19T27N1_0114 Medium parameters used: $f = 2580$ MHz; $\sigma = 1.999$ S/m; $\epsilon_r = 37.642$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.28, 7.28, 7.28) @ 2580 MHz; Calibrated: 2020/09/28

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15

- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

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

Reference Value = 8.199 V/m; Power Drift = 0.04 dB

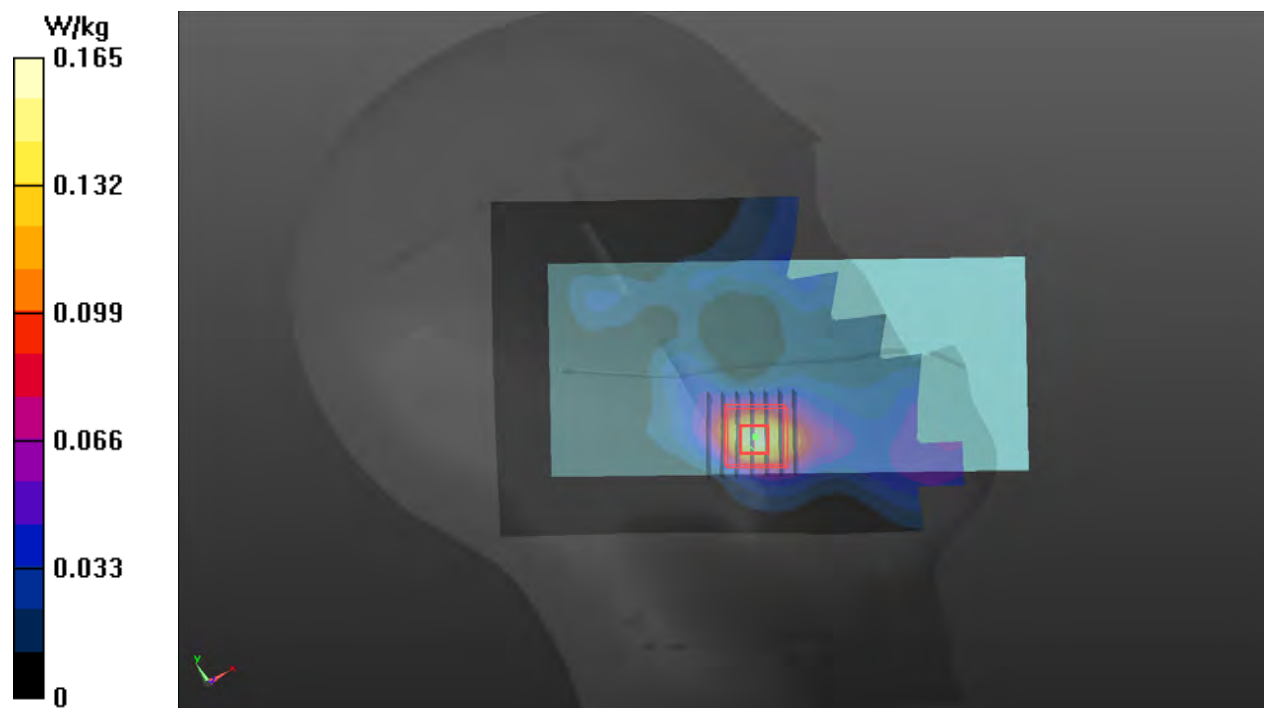
Peak SAR (extrapolated) = 0.171 W/kg

SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.052 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 10 mm

Ratio of SAR at M2 to SAR at M1 = 57.6%

Maximum value of SAR (measured) = 0.140 W/kg



P49 LTE 38_QPSK20M_Left Tilted_Ch38000_1RB_OS0_Ant 2

DUT: BFLF-WTW-P20120540

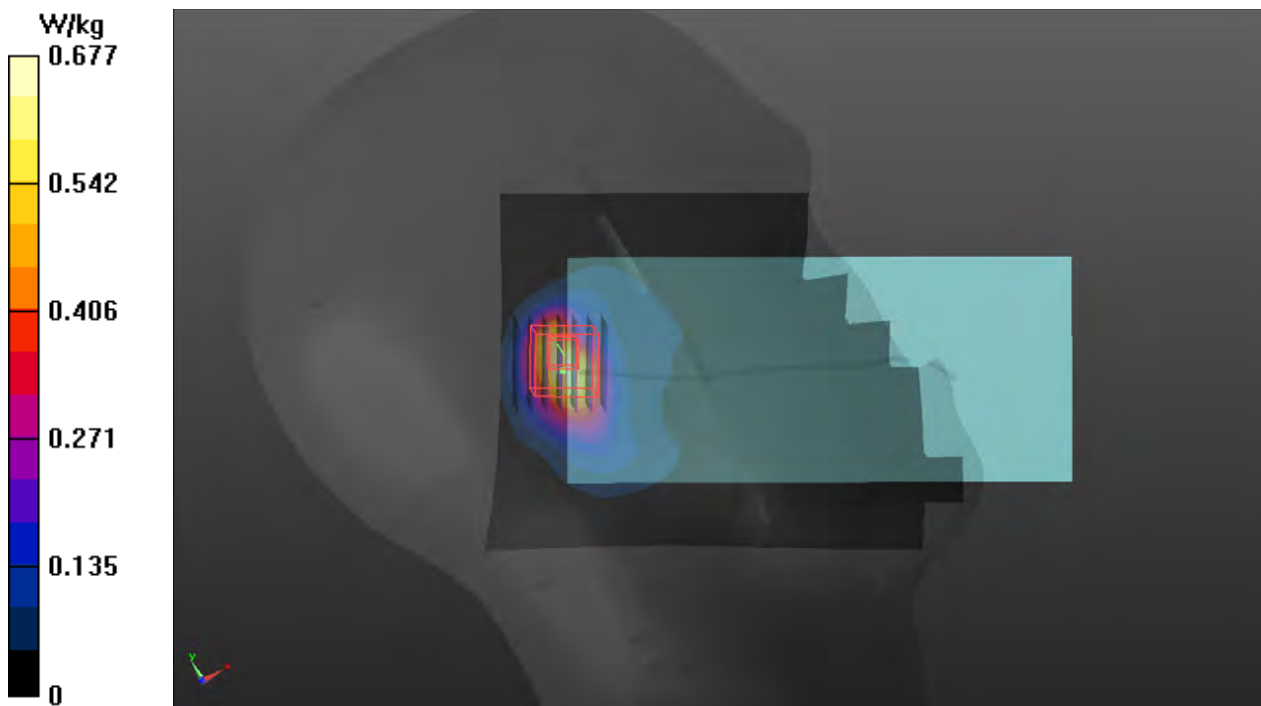
Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2595 MHz; Duty Cycle: 1:8.33
Medium: H19T27N1_0112 Medium parameters used (interpolated): $f = 2595$ MHz; $\sigma = 2$ S/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.28, 7.28, 7.28) @ 2595 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.677 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.74 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.479 W/kg; SAR(10 g) = 0.233 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 7.3 mm
Ratio of SAR at M2 to SAR at M1 = 48.8%
Maximum value of SAR (measured) = 0.805 W/kg



P50 LTE 38_QPSK20M_Left Cheek_Ch37850_1RB_OS0_Ant 8

DUT: BFLF-WTW-P20120540

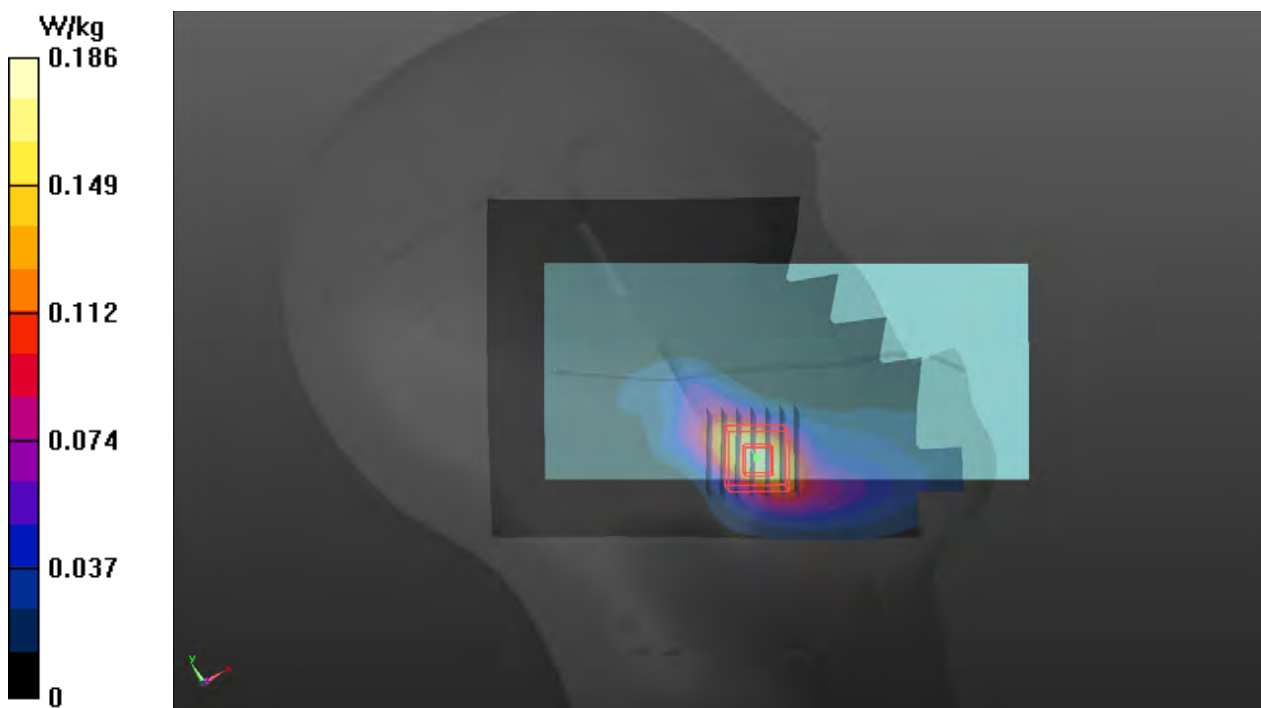
Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2580 MHz; Duty Cycle: 1:8.33
Medium: H19T27N1_0115 Medium parameters used: $f = 2580$ MHz; $\sigma = 2.01$ S/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.28, 7.28, 7.28) @ 2580 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.186 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.064 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.235 W/kg
SAR(1 g) = 0.127 W/kg; SAR(10 g) = 0.067 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 59.6%
Maximum value of SAR (measured) = 0.187 W/kg



P51 LTE 40_QPSK10M_Left Cheek_Ch38750_1RB_OS0_Ant 1

DUT: BFLF-WTW-P20120540

Communication System: UID 10237 - CAG, LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK);

Frequency: 2310 MHz; Duty Cycle: 1:8.33

Medium: H19T27N1_0114 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.725$ S/m; $\epsilon_r = 38.568$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.62, 7.62, 7.62) @ 2310 MHz; Calibrated: 2020/09/28

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15

- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0750 W/kg

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

Reference Value = 5.850 V/m; Power Drift = -0.15 dB

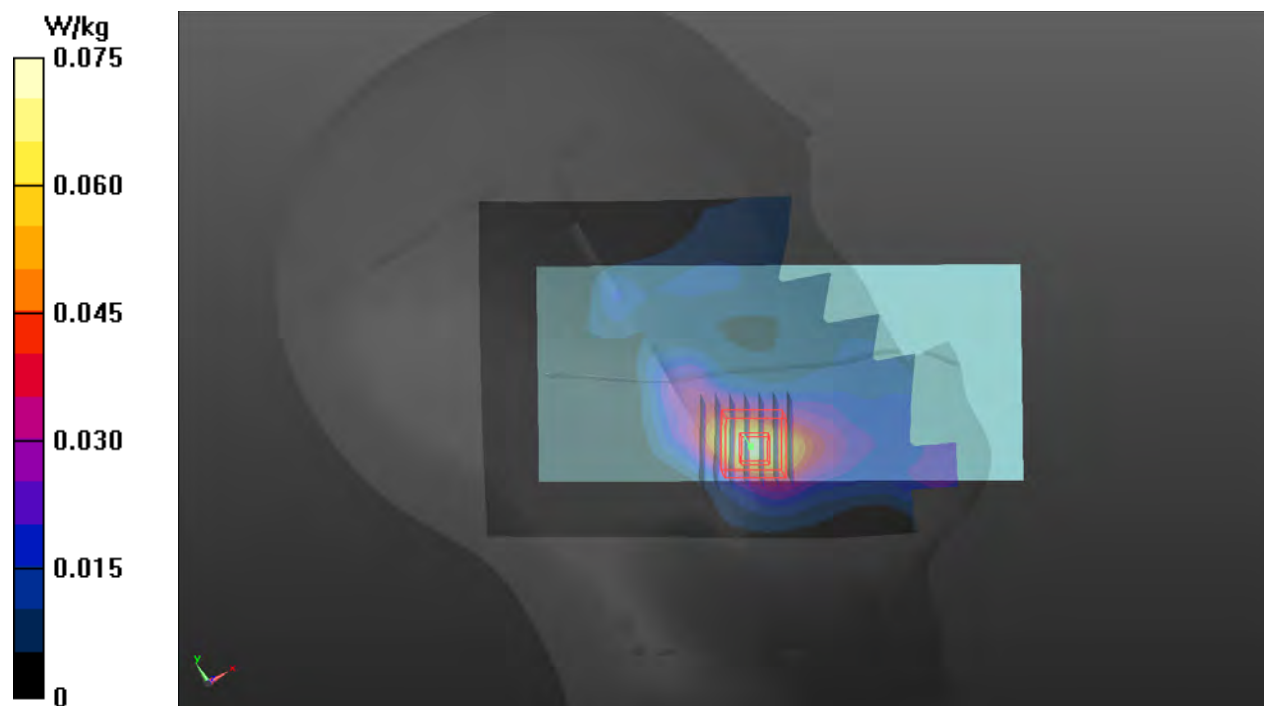
Peak SAR (extrapolated) = 0.0810 W/kg

SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.026 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 59.7%

Maximum value of SAR (measured) = 0.0668 W/kg



P916 LTE 40_QPSK10M_Right Tilted_Ch38750_1RB_OS0_Ant 2_w_RCV

DUT: BFLF-WTW-P20120540

Communication System: UID 10237 - CAG, LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK);

Frequency: 2310 MHz; Duty Cycle: 1:8.33

Medium: H19T27N1_0303 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.739$ S/m; $\epsilon_r = 39.429$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.7, 7.7, 7.7) @ 2310 MHz; Calibrated: 2020/10/22

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn905; Calibrated: 2020/06/22

- Phantom: Twin SAM Phantom_1653; Type: QD000P40CD;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.42 W/kg

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

Reference Value = 29.26 V/m; Power Drift = -0.08 dB

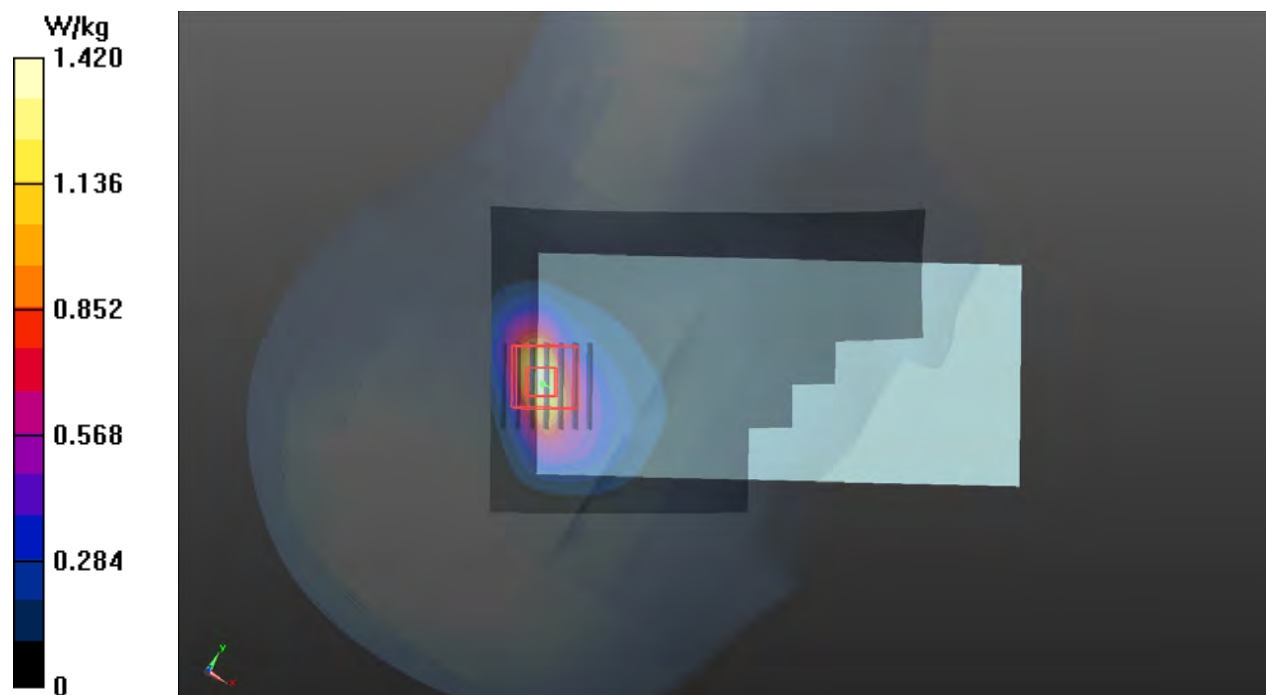
Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 0.786 W/kg; SAR(10 g) = 0.383 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9.2 mm

Ratio of SAR at M2 to SAR at M1 = 47.5%

Maximum value of SAR (measured) = 1.35 W/kg



P53 LTE 40_QPSK10M_Left Cheek_Ch38750_1RB_OS0_Ant 8

DUT: BFLF-WTW-P20120540

Communication System: UID 10237 - CAG, LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK);

Frequency: 2310 MHz; Duty Cycle: 1:8.33

Medium: H19T27N1_0115 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.77$ S/m; $\epsilon_r = 39.747$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.62, 7.62, 7.62) @ 2310 MHz; Calibrated: 2020/09/28

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15

- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.176 W/kg

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

Reference Value = 9.280 V/m; Power Drift = -0.10 dB

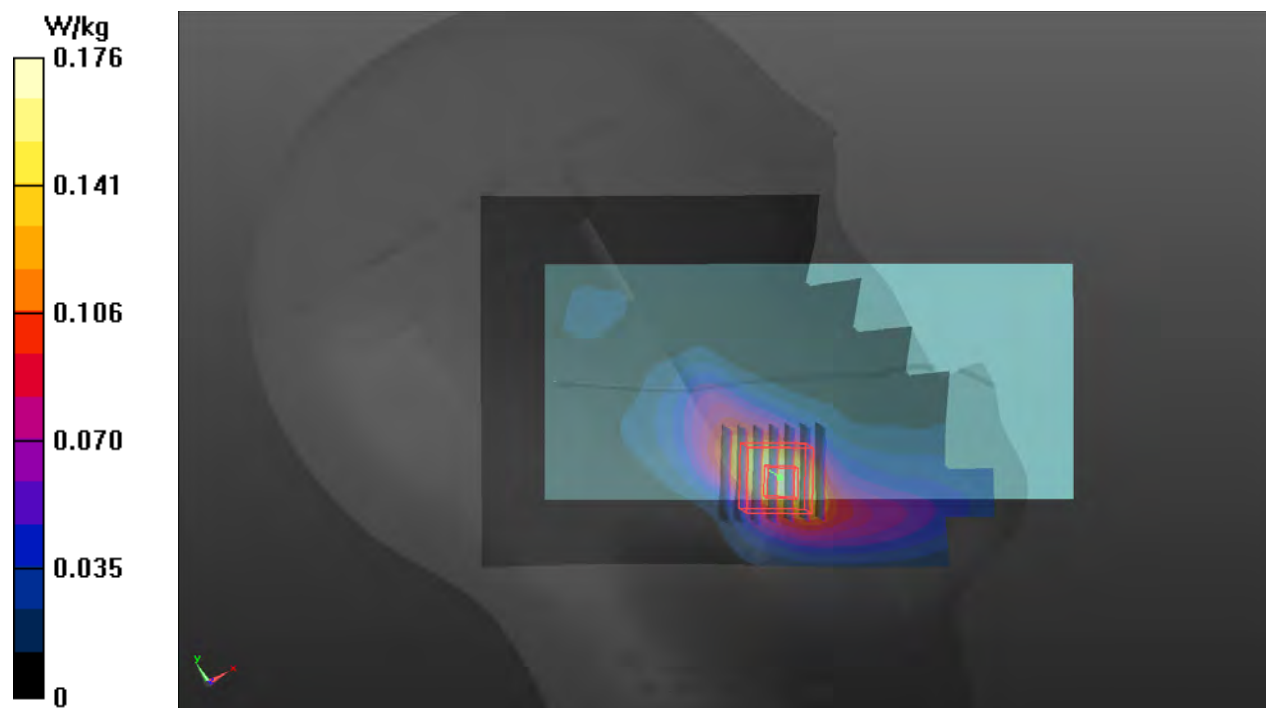
Peak SAR (extrapolated) = 0.217 W/kg

SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.068 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 59.7%

Maximum value of SAR (measured) = 0.176 W/kg



P54 LTE 41_QPSK20M_Left Cheek_Ch40185_1RB_OS0_Ant 1

DUT: BFLF-WTW-P20120540

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 2549.5 MHz; Duty Cycle: 1:8.33

Medium: H19T27N1_0114 Medium parameters used: $f = 2550$ MHz; $\sigma = 1.967$ S/m; $\epsilon_r = 37.743$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.28, 7.28, 7.28) @ 2549.5 MHz; Calibrated: 2020/09/28

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15

- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

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

Reference Value = 8.006 V/m; Power Drift = -0.01 dB

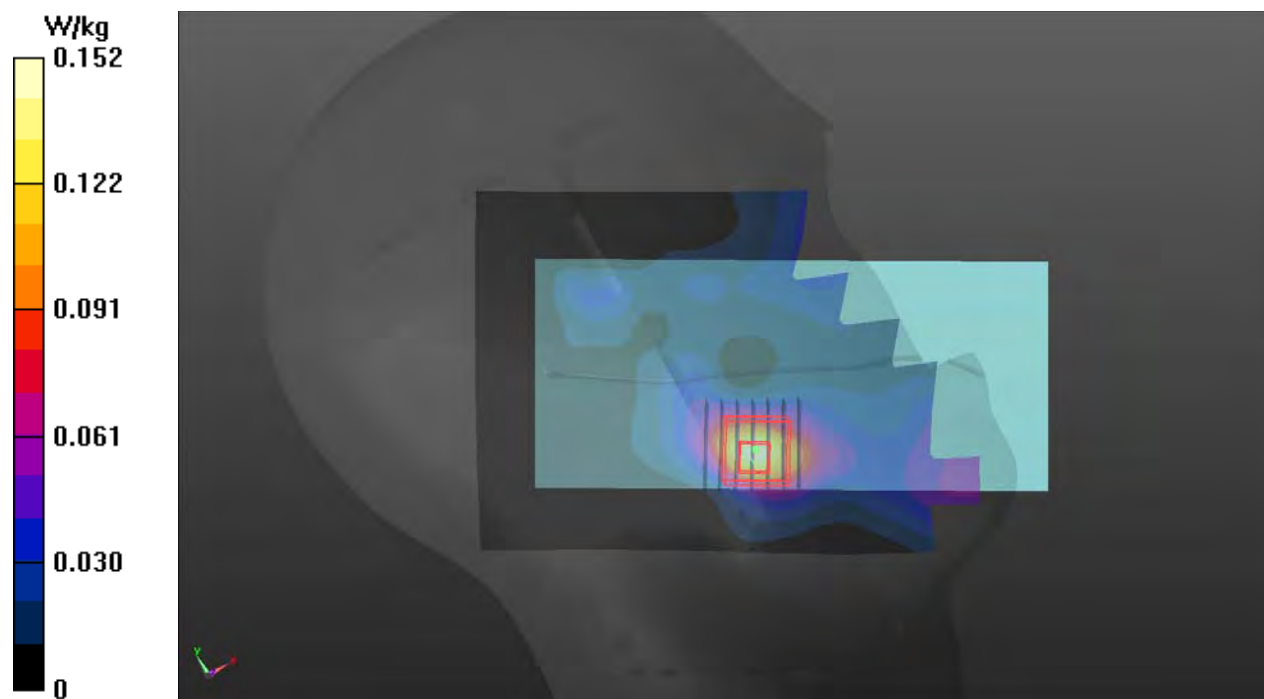
Peak SAR (extrapolated) = 0.160 W/kg

SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.048 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 58.3%

Maximum value of SAR (measured) = 0.134 W/kg



P55 LTE 41_QPSK20M_Right Cheek_Ch41055_1RB_OS0_Ant 2

DUT: BFLF-WTW-P20120540

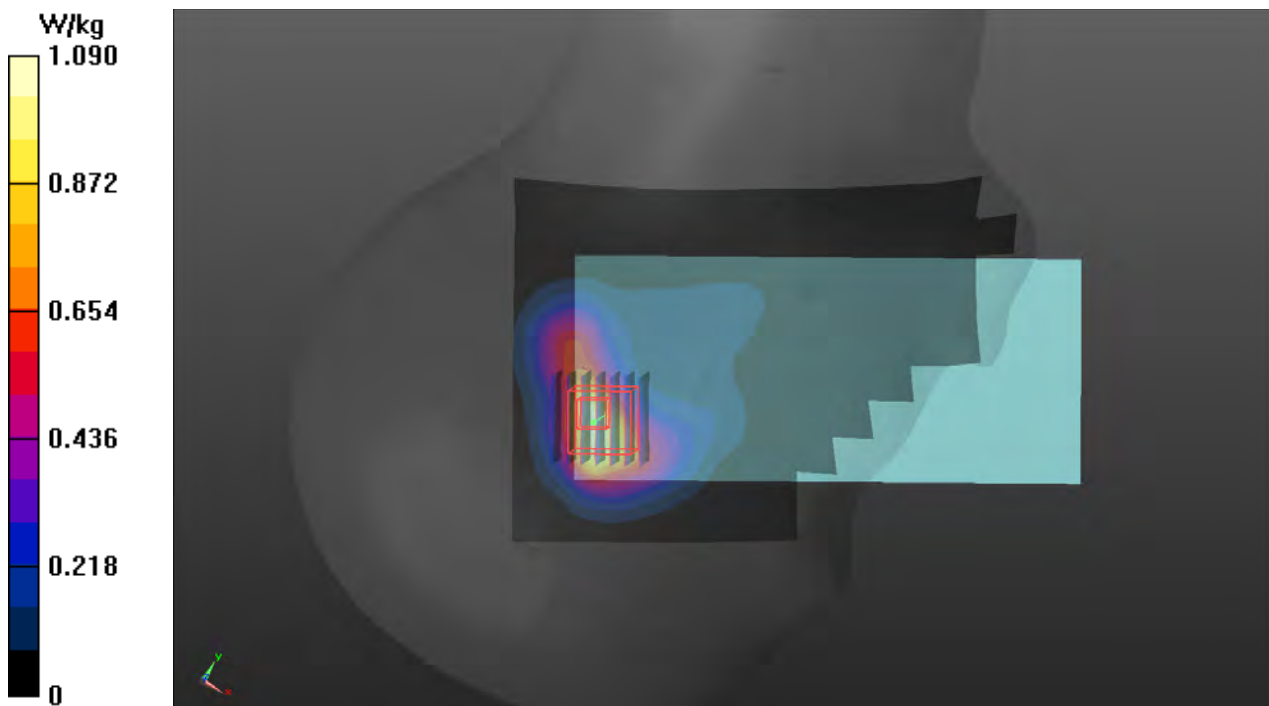
Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2636.5 MHz; Duty Cycle: 1:8.33
Medium: H19T27N1_0112 Medium parameters used (interpolated): $f = 2636.5$ MHz; $\sigma = 2.043$ S/m; $\epsilon_r = 38.646$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.28, 7.28, 7.28) @ 2636.5 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.09 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.98 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 0.658 W/kg; SAR(10 g) = 0.320 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 9.1 mm
Ratio of SAR at M2 to SAR at M1 = 44.1%
Maximum value of SAR (measured) = 1.12 W/kg



P56 LTE 41_QPSK20M_Left Cheek_Ch41055_1RB_OS0_Ant 8**DUT: BFLF-WTW-P20120540**

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 2636.5 MHz; Duty Cycle: 1:8.33

Medium: H19T27N1_0115 Medium parameters used (interpolated): $f = 2636.5$ MHz; $\sigma = 2.071$ S/m; $\epsilon_r = 38.701$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.28, 7.28, 7.28) @ 2636.5 MHz; Calibrated: 2020/09/28

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15

- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

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

Reference Value = 9.148 V/m; Power Drift = -0.13 dB

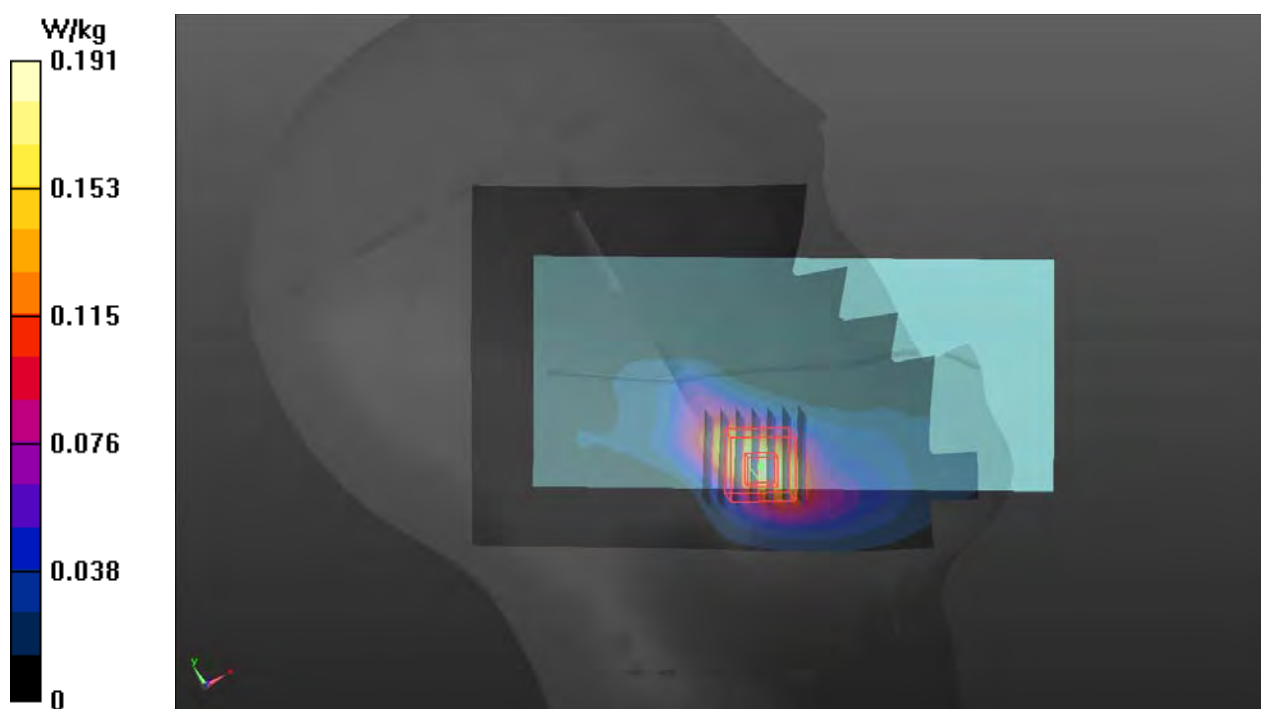
Peak SAR (extrapolated) = 0.244 W/kg

SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.069 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.7 mm

Ratio of SAR at M2 to SAR at M1 = 55%

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



P57 LTE 42_QPSK20M_Left Cheek_Ch43490_1RB_OS0_Ant 11

DUT: BFLF-WTW-P20120540

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 3590 MHz; Duty Cycle: 1:8.33

Medium: H34T38N1_0111 Medium parameters used: $f = 3590$ MHz; $\sigma = 2.985$ S/m; $\epsilon_r = 36.608$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(6.87, 6.87, 6.87) @ 3590 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.784 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm

Reference Value = 16.51 V/m; Power Drift = -0.13 dB

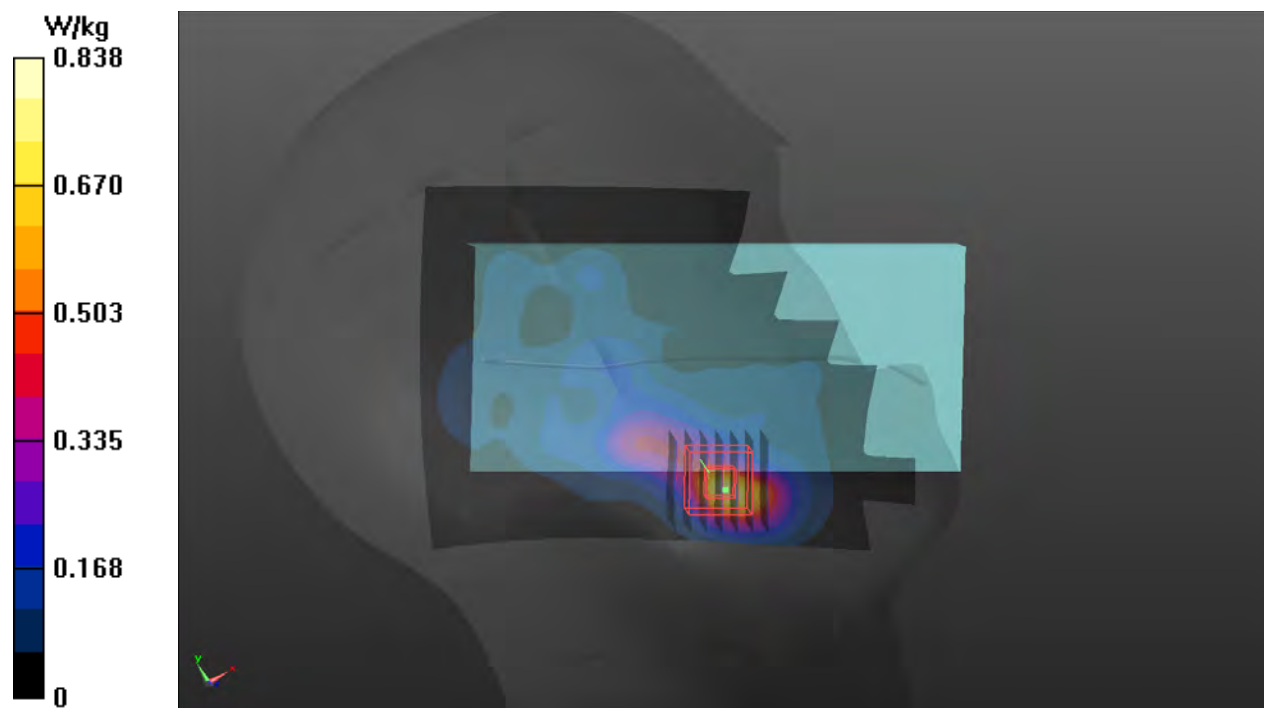
Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.510 W/kg; SAR(10 g) = 0.217 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.3 mm

Ratio of SAR at M2 to SAR at M1 = 64.7%

Maximum value of SAR (measured) = 0.838 W/kg



P919 LTE 42_QPSK20M_Right Cheek_Ch43490_1RB_OS0_Ant 5

DUT: BFLF-WTW-P20120540

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 3590 MHz; Duty Cycle: 1:8.33

Medium: H33T42N0_0303 Medium parameters used: $f = 3590$ MHz; $\sigma = 2.985$ S/m; $\epsilon_r = 36.678$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(6.87, 6.87, 6.87) @ 3590 MHz; Calibrated: 2020/09/28

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15

- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.48 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm

Reference Value = 24.19 V/m; Power Drift = -0.06 dB

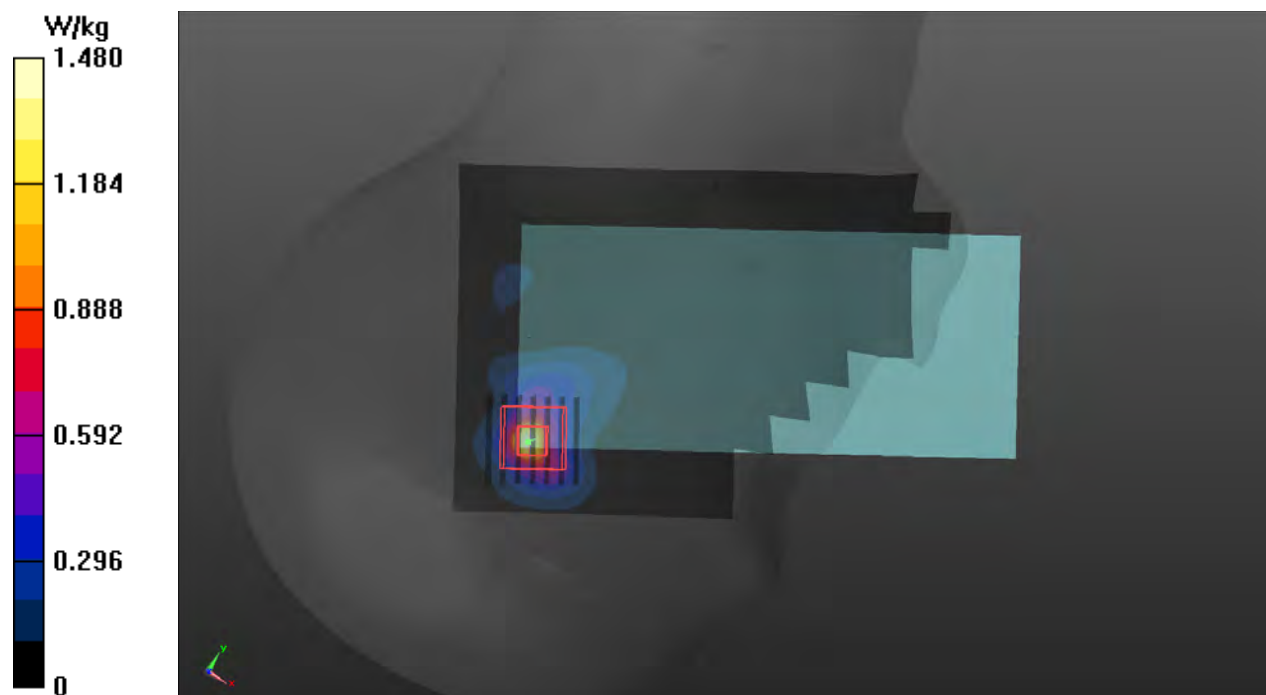
Peak SAR (extrapolated) = 2.11 W/kg

SAR(1 g) = 0.765 W/kg; SAR(10 g) = 0.273 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.1 mm

Ratio of SAR at M2 to SAR at M1 = 60%

Maximum value of SAR (measured) = 1.55 W/kg



P59 LTE 43_QPSK20M_Left Cheek_Ch44240_1RB_OS0_Ant 11

DUT: BFLF-WTW-P20120540

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
 Frequency: 3665 MHz; Duty Cycle: 1:8.33
 Medium: H34T38N1_0111 Medium parameters used (interpolated): $f = 3665 \text{ MHz}$; $\sigma = 3.047 \text{ S/m}$;
 $\epsilon_r = 36.471$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $23.7 \text{ }^\circ\text{C}$; Liquid Temperature : $23.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(6.67, 6.67, 6.67) @ 3665 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.809 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 16.52 V/m ; Power Drift = -0.08 dB

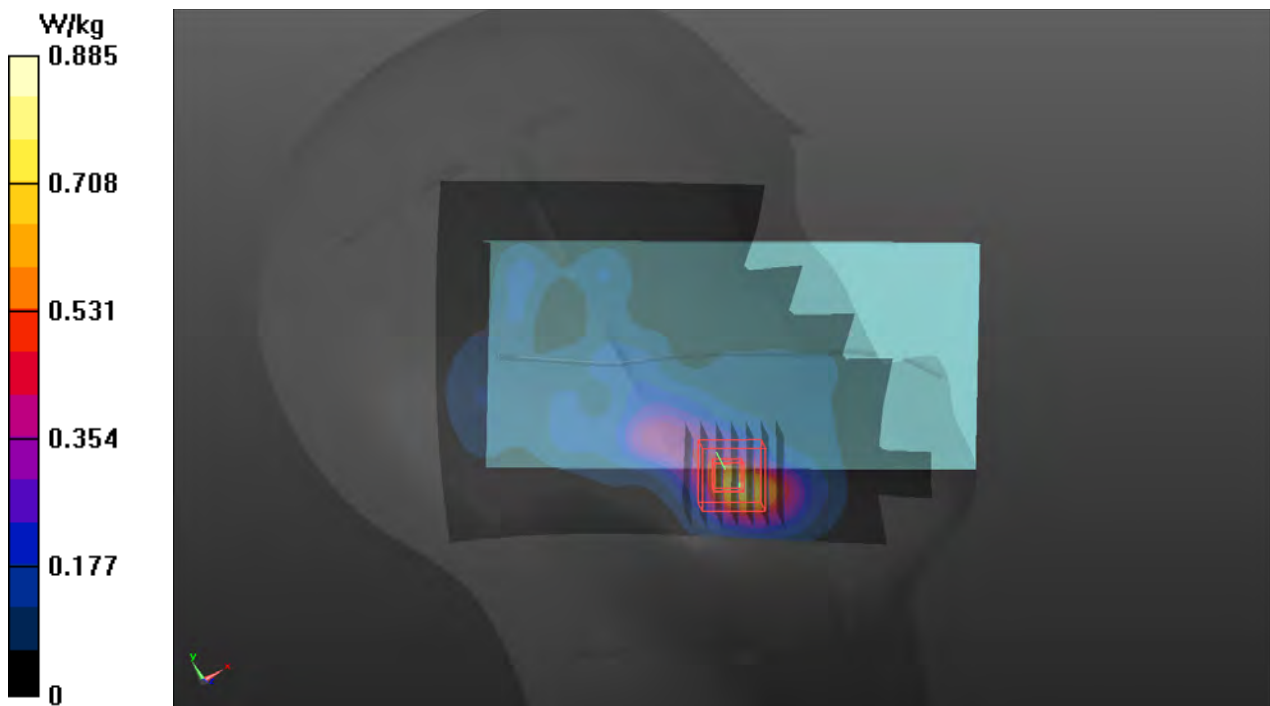
Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.517 W/kg ; SAR(10 g) = 0.220 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 64.4%

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



P60 LTE 43_QPSK20M_Right Cheek_Ch44215_1RB_OS0_Ant 5

DUT: BFLF-WTW-P20120540

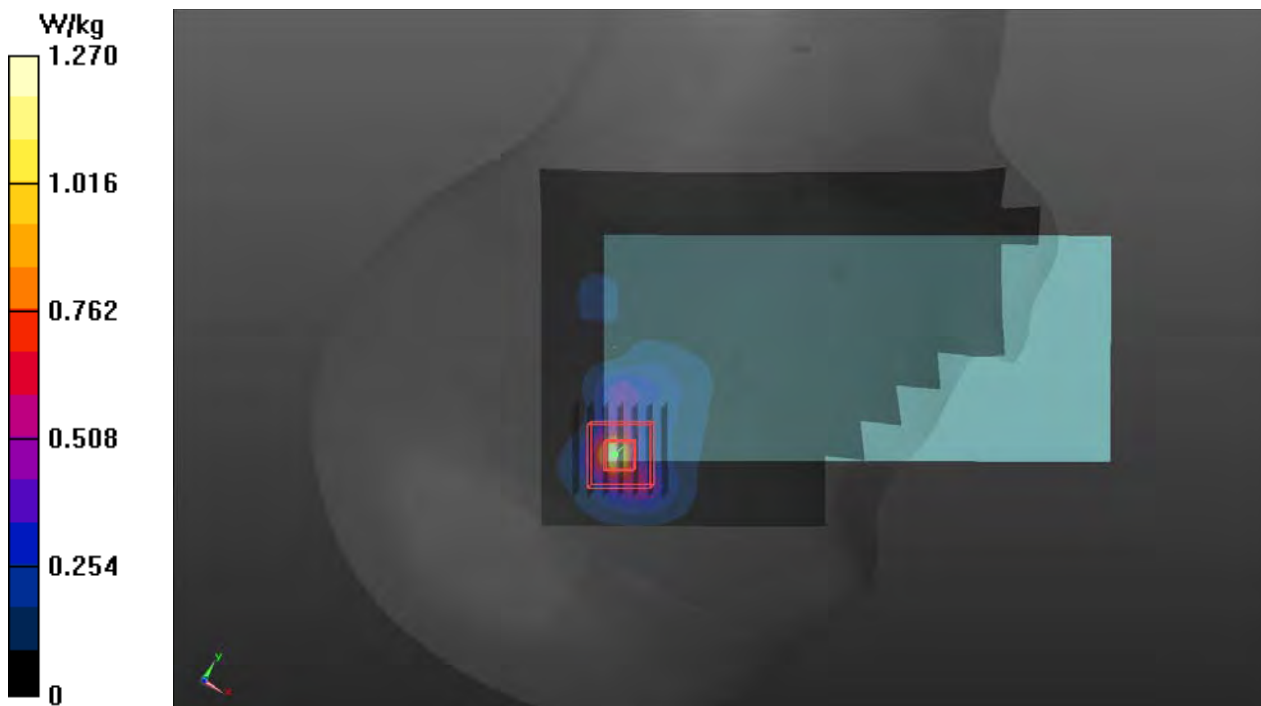
Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 3662.5 MHz; Duty Cycle: 1:8.33
Medium: H34T38N1_0112 Medium parameters used (interpolated): $f = 3662.5$ MHz; $\sigma = 3.016$ S/m; $\epsilon_r = 38.497$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(6.67, 6.67, 6.67) @ 3662.5 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.27 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 22.49 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.81 W/kg
SAR(1 g) = 0.639 W/kg; SAR(10 g) = 0.223 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 6.8 mm
Ratio of SAR at M2 to SAR at M1 = 59.6%
Maximum value of SAR (measured) = 1.32 W/kg



P61 LTE 48_QPSK20M_Left Cheek_Ch55780_1RB_OS0_Ant 11

DUT: BFLF-WTW-P20120540

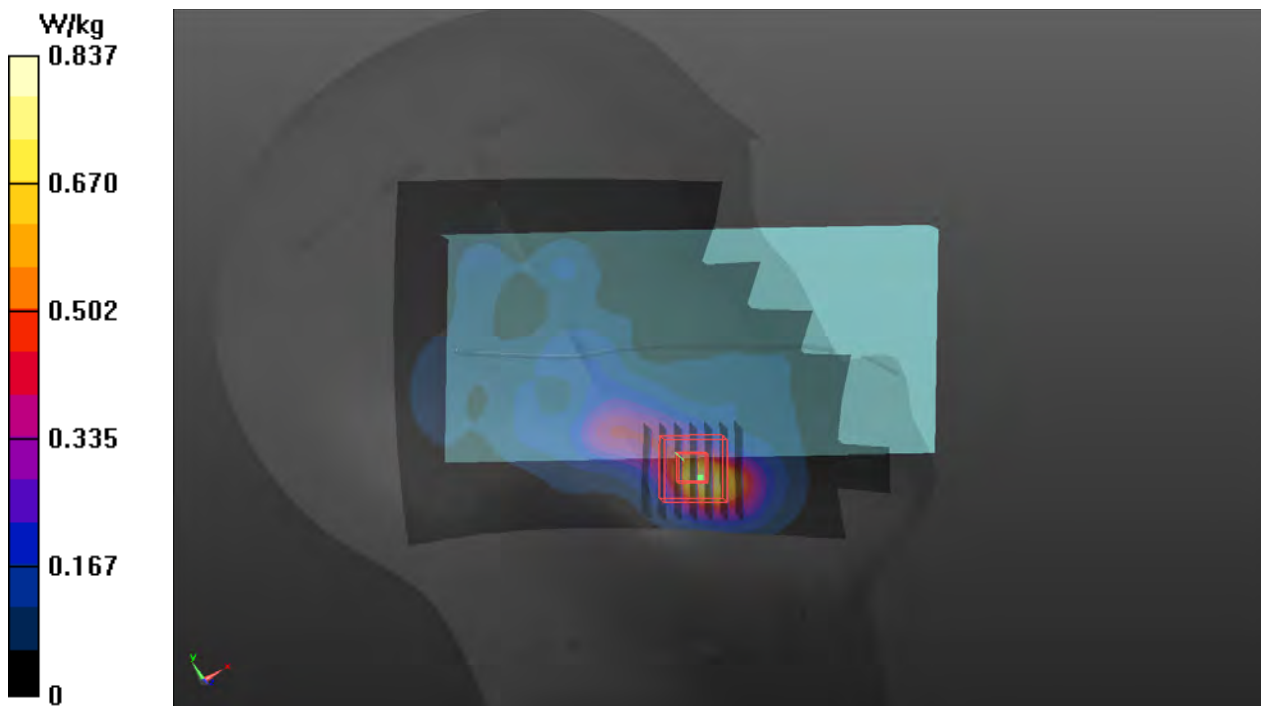
Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 3603 MHz; Duty Cycle: 1:8.33
Medium: H34T38N1_0111 Medium parameters used: $f = 3603$ MHz; $\sigma = 2.991$ S/m; $\epsilon_r = 36.59$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(6.67, 6.67, 6.67) @ 3603 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.785 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 16.29 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.494 W/kg; SAR(10 g) = 0.212 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.3 mm
Ratio of SAR at M2 to SAR at M1 = 64.7%
Maximum value of SAR (measured) = 0.837 W/kg



P920 LTE 48_QPSK20M_Right Cheek_Ch55340_1RB_OS0_Ant 5

DUT: BFLF-WTW-P20120540

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 3560 MHz; Duty Cycle: 1:8.33

Medium: H33T42N0_0303 Medium parameters used: $f = 3560$ MHz; $\sigma = 2.954$ S/m; $\epsilon_r = 36.785$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(6.87, 6.87, 6.87) @ 3560 MHz; Calibrated: 2020/09/28

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15

- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.02 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm

Reference Value = 17.53 V/m; Power Drift = -0.07 dB

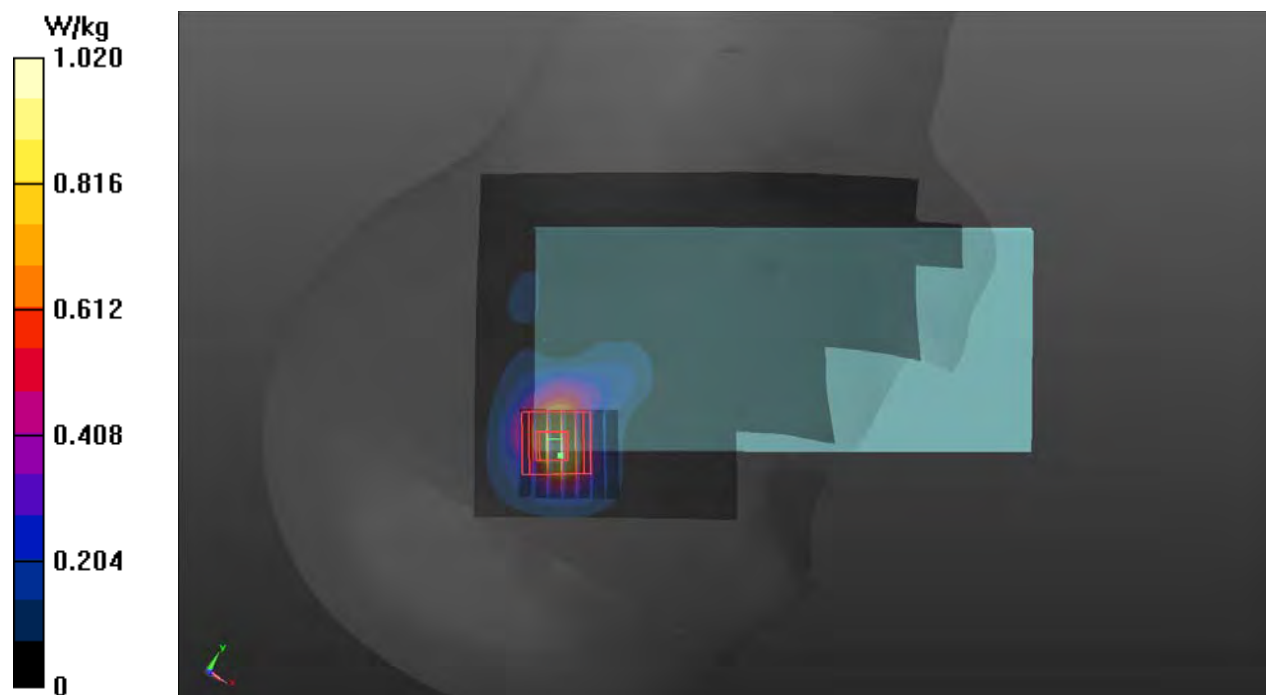
Peak SAR (extrapolated) = 2.04 W/kg

SAR(1 g) = 0.744 W/kg; SAR(10 g) = 0.269 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.8 mm

Ratio of SAR at M2 to SAR at M1 = 60.2%

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



P63 LTE 66_QPSK20M_Left Cheek_Ch132072_1RB_OS0_Ant 1

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 1720 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0114 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.299$ S/m; $\epsilon_r = 40.278$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.58, 8.58, 8.58) @ 1720 MHz; Calibrated: 2020/09/28

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15

- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.178 W/kg

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

Reference Value = 10.69 V/m; Power Drift = -0.07 dB

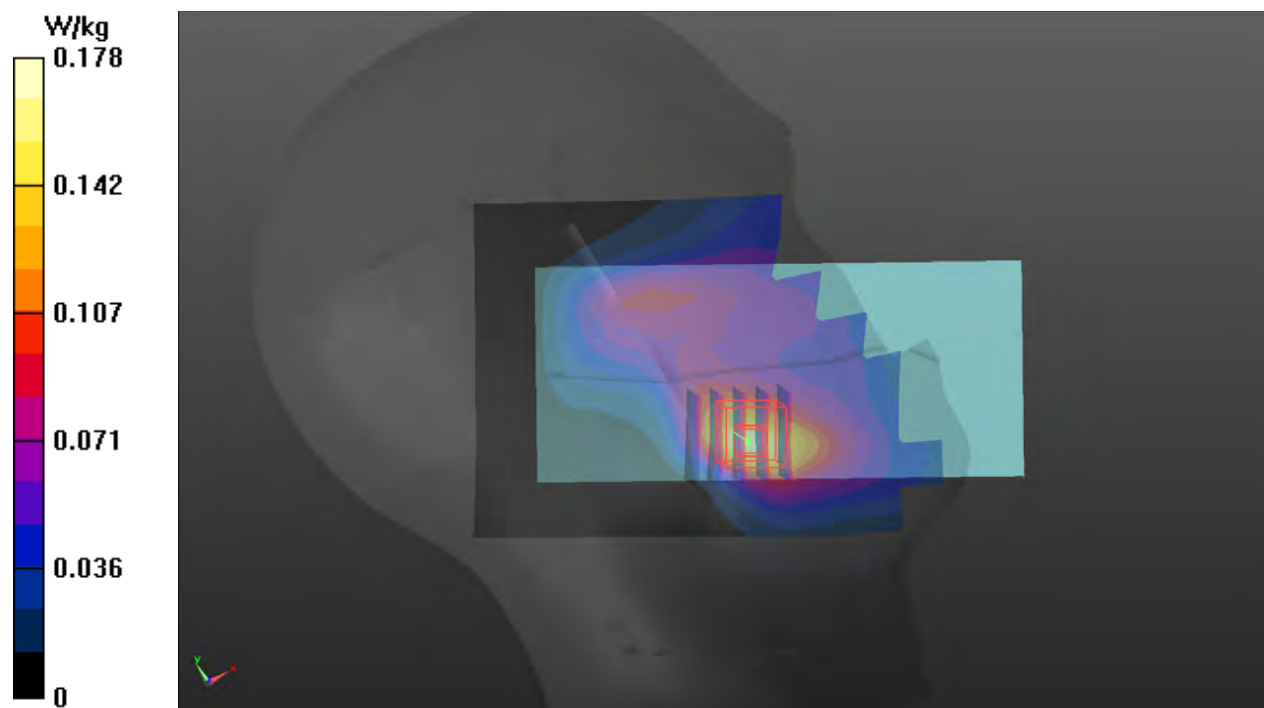
Peak SAR (extrapolated) = 0.186 W/kg

SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.082 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 11.4 mm

Ratio of SAR at M2 to SAR at M1 = 68.8%

Maximum value of SAR (measured) = 0.160 W/kg



P921 LTE 66_QPSK20M_Left Tilted_Ch132072_1RB_OS0_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 1720 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0303 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.301$ S/m; $\epsilon_r = 40.451$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.58, 8.58, 8.58) @ 1720 MHz; Calibrated: 2020/09/28

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15

- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.20 W/kg

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

Reference Value = 31.88 V/m; Power Drift = -0.10 dB

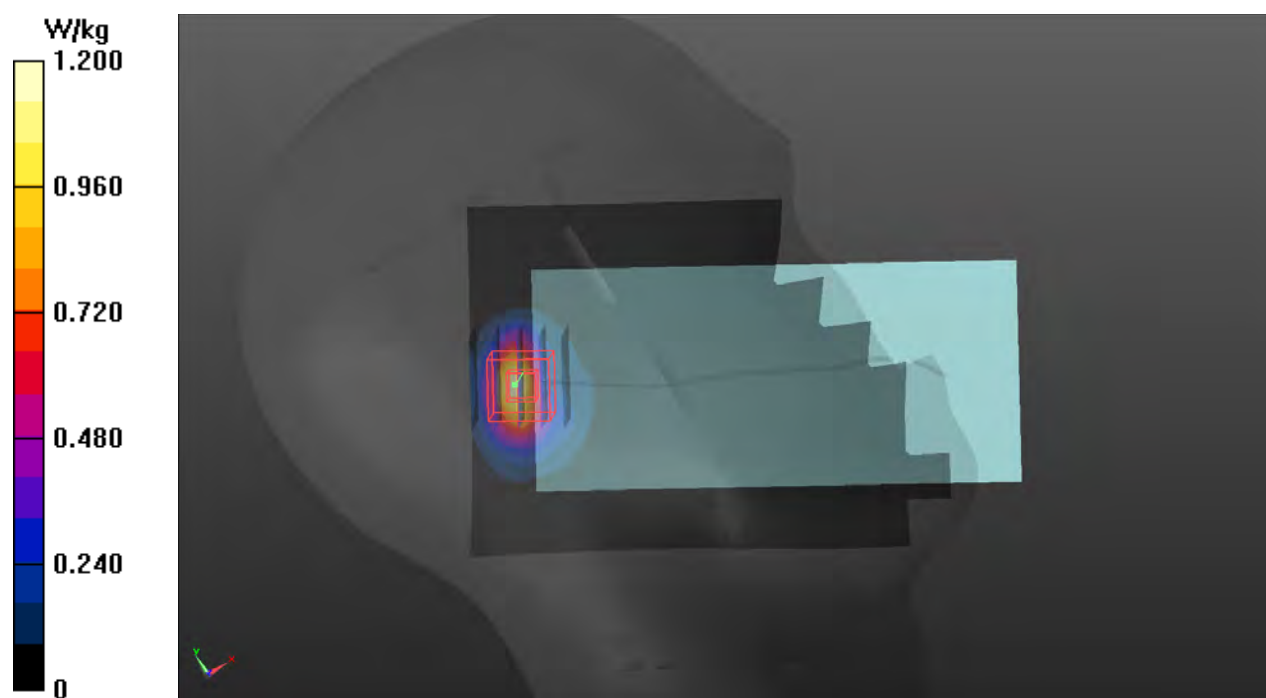
Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 0.857 W/kg; SAR(10 g) = 0.416 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 58.1%

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



P65 LTE 66_QPSK20M_Left Cheek_Ch132572_1RB_OS0_Ant 8

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 1770 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0115 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.336$ S/m; $\epsilon_r = 40.175$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.58, 8.58, 8.58) @ 1770 MHz; Calibrated: 2020/09/28

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15

- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 7.008 V/m; Power Drift = -0.03 dB

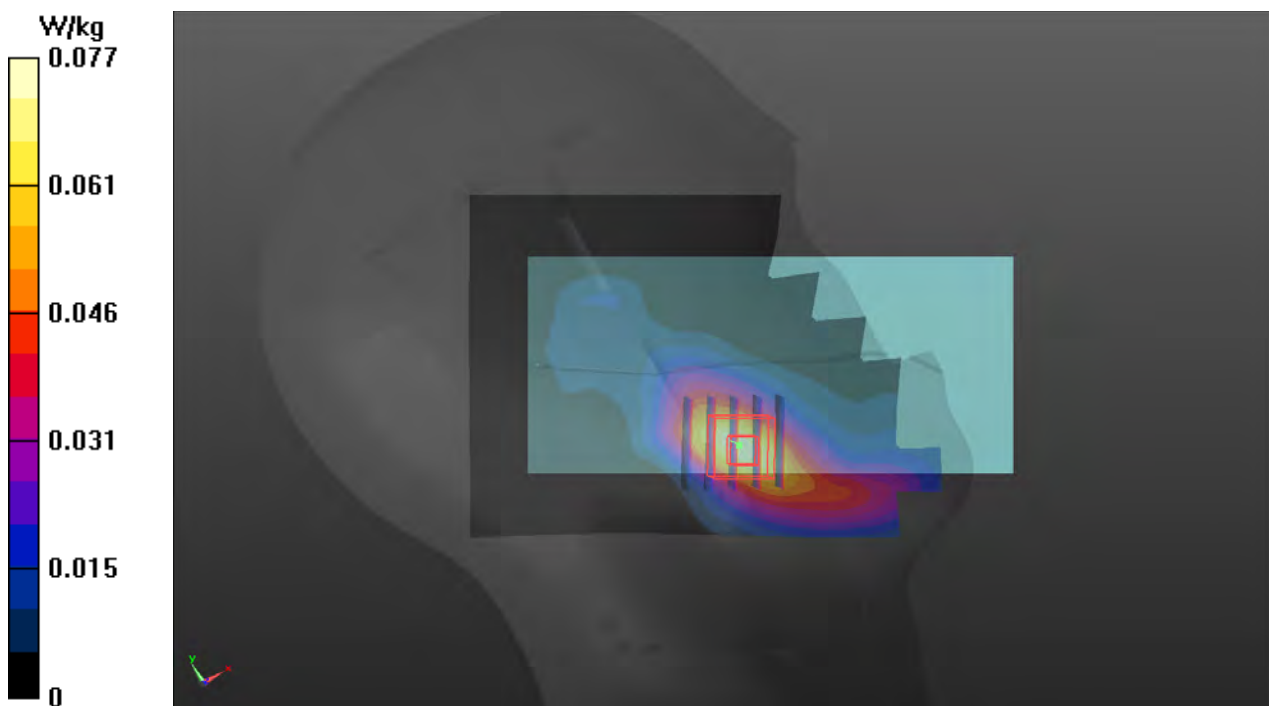
Peak SAR (extrapolated) = 0.0840 W/kg

SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.036 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 68.5%

Maximum value of SAR (measured) = 0.0723 W/kg



P917 LTE 66_QPSK20M_Right Cheek_Ch132572_1RB_OS0_Ant 9_w_RCV

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 1770 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0303 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.346$ S/m; $\epsilon_r = 40.237$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(8.24, 8.24, 8.24) @ 1770 MHz; Calibrated: 2020/10/22

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn905; Calibrated: 2020/06/22

- Phantom: Twin SAM Phantom_1653; Type: QD000P40CD;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.14 W/kg

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

Reference Value = 38.97 V/m; Power Drift = 0.05 dB

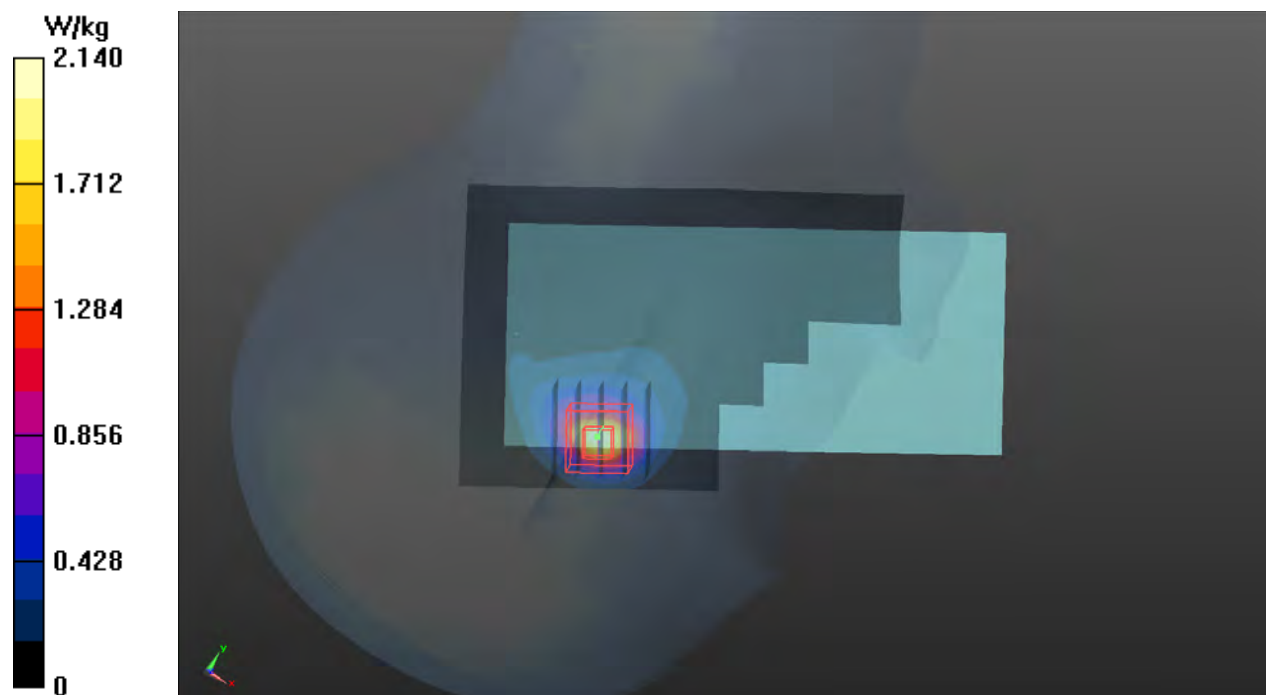
Peak SAR (extrapolated) = 2.38 W/kg

SAR(1 g) = 0.944 W/kg; SAR(10 g) = 0.446 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 37.7%

Maximum value of SAR (measured) = 1.79 W/kg



P67 LTE 71_QPSK20M_Right Cheek_Ch133222_1RB_OS0_Ant 0

DUT: BFLF-WTW-P20120540

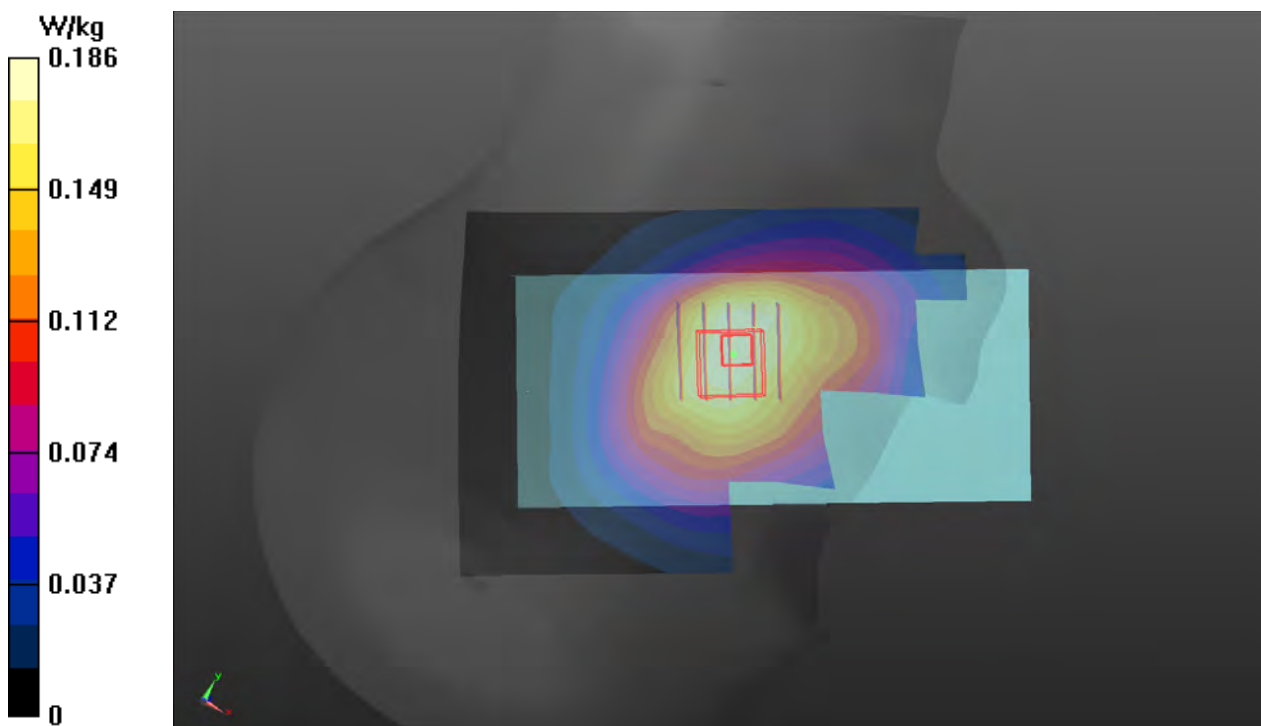
Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 673 MHz; Duty Cycle: 1:3.74
Medium: H06T09N1_0114 Medium parameters used: $f = 673$ MHz; $\sigma = 0.871$ S/m; $\epsilon_r = 43.76$; $\rho = 1000$ kg/m³
Ambient Temperature : 23. °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.39, 10.39, 10.39) @ 673 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.186 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 15.23 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.199 W/kg
SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.152 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 77.9%
Maximum value of SAR (measured) = 0.183 W/kg



P68 LTE 71_QPSK20M_Right Cheek_Ch133222_1RB_OS0_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 673 MHz; Duty Cycle: 1:3.74

Medium: H06T09N1_0112 Medium parameters used: $f = 673$ MHz; $\sigma = 0.876$ S/m; $\epsilon_r = 43.355$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.39, 10.39, 10.39) @ 673 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.952 W/kg

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

Reference Value = 35.08 V/m; Power Drift = -0.02 dB

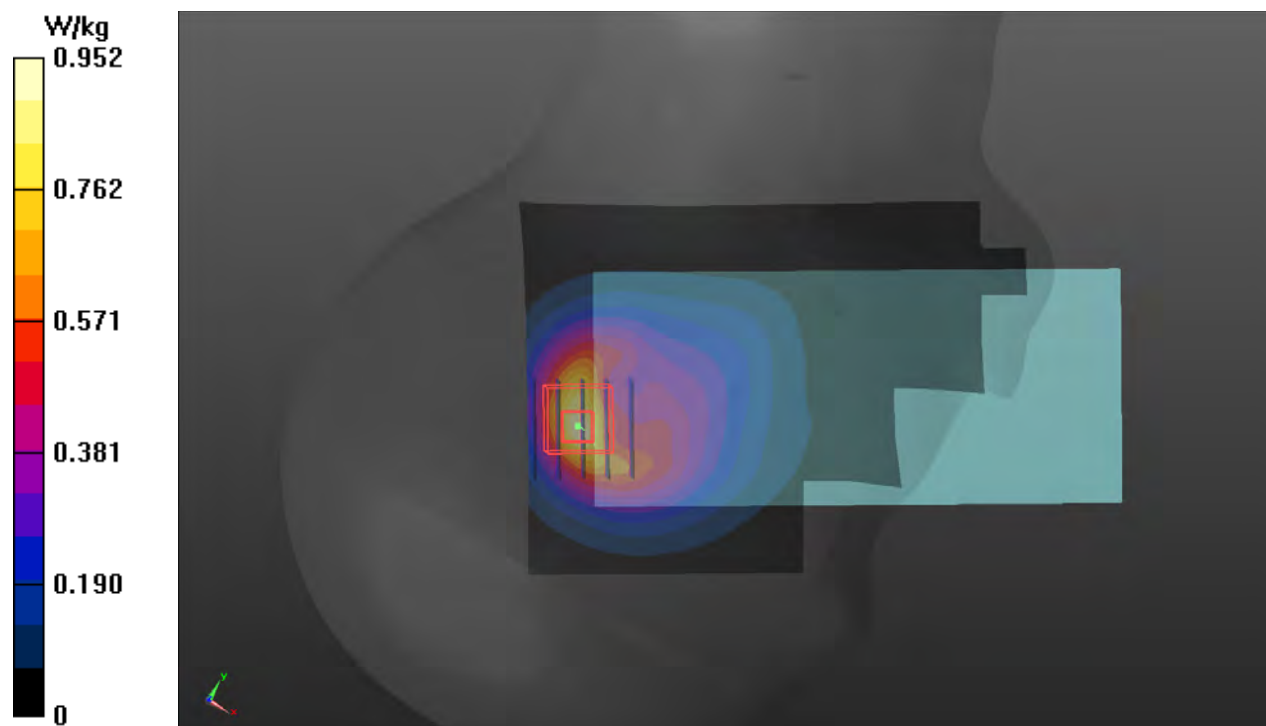
Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.565 W/kg; SAR(10 g) = 0.304 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9.4 mm

Ratio of SAR at M2 to SAR at M1 = 46.9%

Maximum value of SAR (measured) = 0.983 W/kg



P69 5GNR-n2_DFT-S_QPSK20M_Right Cheek_Ch380000_1RB_OS1_Ant 1

DUT: BFLF-WTW-P20120540

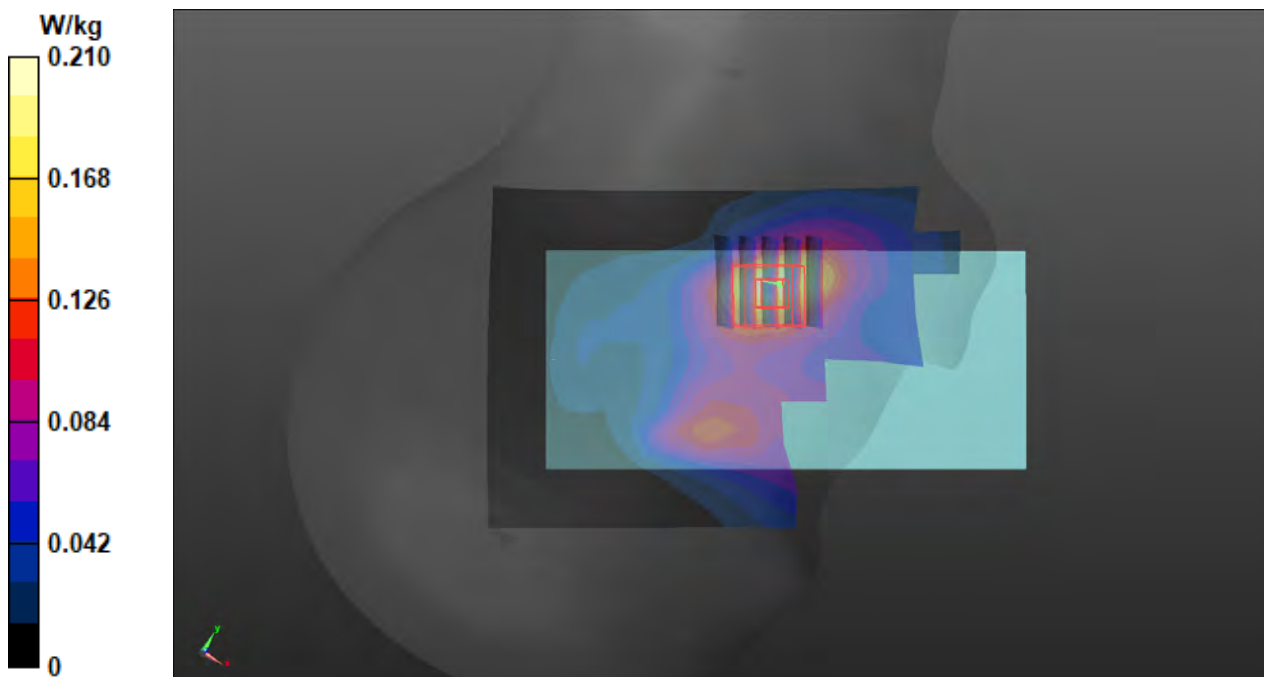
Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 1900 MHz; Duty Cycle: 1:3.56
Medium: H16T20N1_0122 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.46$ S/m; $\epsilon_r = 39.237$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.7 °C; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(8.42, 8.42, 8.42) @ 1900 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1987; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.210 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.741 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.197 W/kg
SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.077 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 12.9 mm
Ratio of SAR at M2 to SAR at M1 = 63%
Maximum value of SAR (measured) = 0.169 W/kg



P922 5G NR-n2_DFT-S_QPSK20M_Left Tilted_Ch380000_1RB_OS1_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 1900 MHz; Duty Cycle: 1:3.56
Medium: H16T20N1_0304 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.455$ S/m; $\epsilon_r = 39.419$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(8.35, 8.35, 8.35) @ 1900 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.36 W/kg

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

Reference Value = 33.08 V/m; Power Drift = 0.03 dB

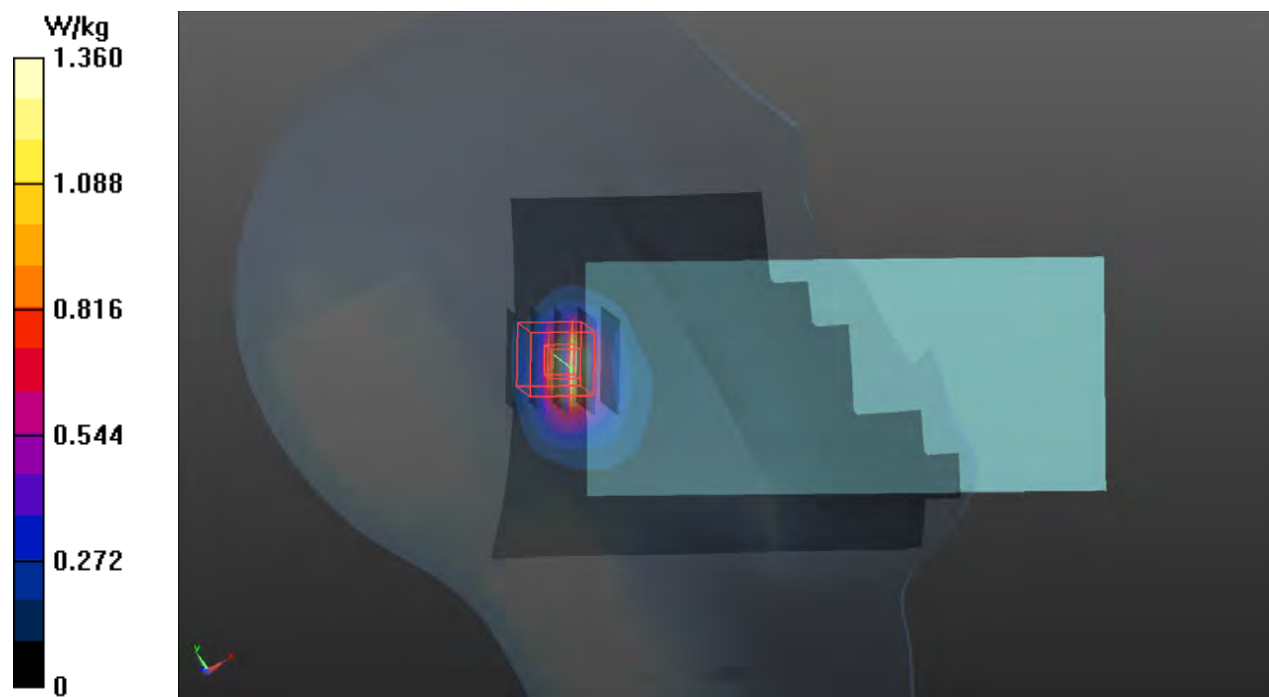
Peak SAR (extrapolated) = 2.09 W/kg

SAR(1 g) = 0.982 W/kg; SAR(10 g) = 0.457 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 48.9%

Maximum value of SAR (measured) = 1.65 W/kg



P71 5G NR-n2_DFT-S_QPSK20M_Left Cheek_Ch380000_1RB_OS1_Ant 8

DUT: BFLF-WTW-P20120540

Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 1900 MHz; Duty Cycle: 1:3.56

Medium: H16T20N1_0130 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.444$ S/m; $\epsilon_r = 38.836$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.26, 8.26, 8.26) @ 1900 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0949 W/kg

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

Reference Value = 7.283 V/m; Power Drift = -0.10 dB

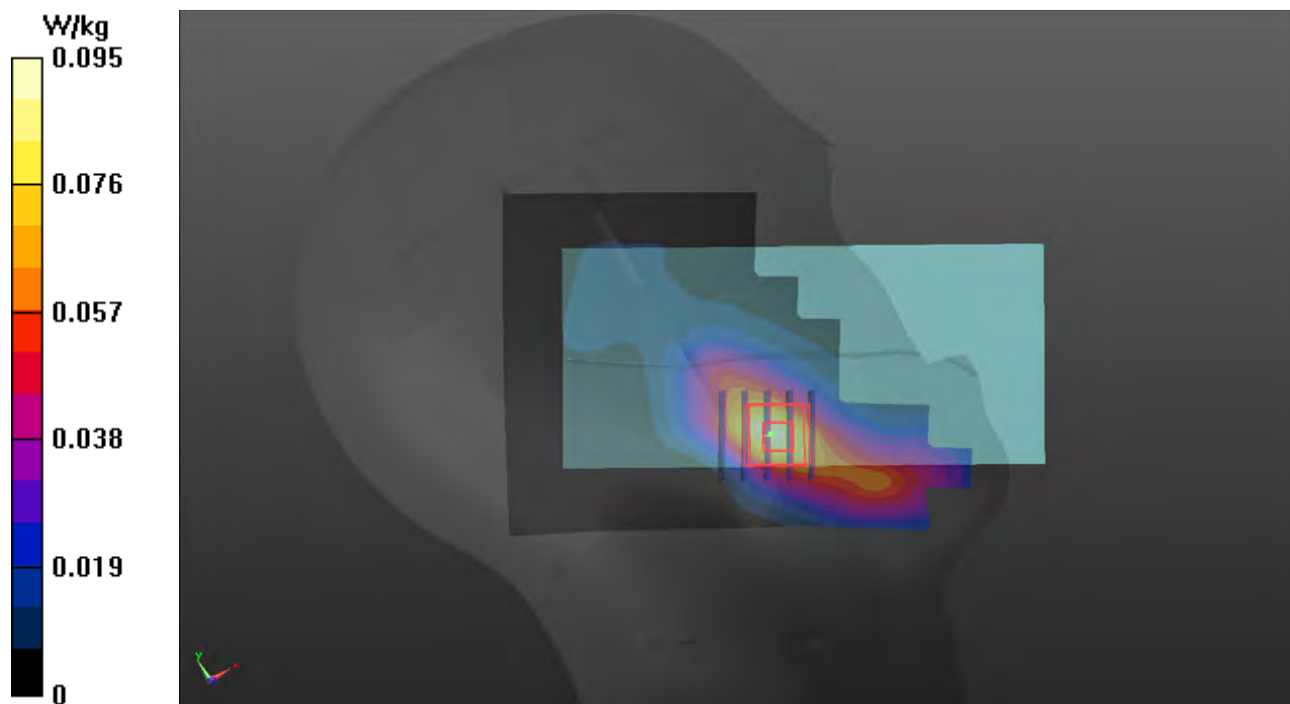
Peak SAR (extrapolated) = 0.0900 W/kg

SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.036 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 65.5%

Maximum value of SAR (measured) = 0.0774 W/kg



P923 5GNR-n2_DFT-S QPSK20M_Right Cheek_Ch372000_1RB_OS1_Ant 9_w_RCV

DUT: BFLF-WTW-P20120540

Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 1860 MHz; Duty Cycle: 1:3.56

Medium: H16T20N1_0304 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.42$ S/m; $\epsilon_r = 39.555$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.98, 7.98, 7.98) @ 1860 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2020/06/22
- Phantom: Twin SAM Phantom_1653; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.31 W/kg

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

Reference Value = 29.29 V/m; Power Drift = 0.02 dB

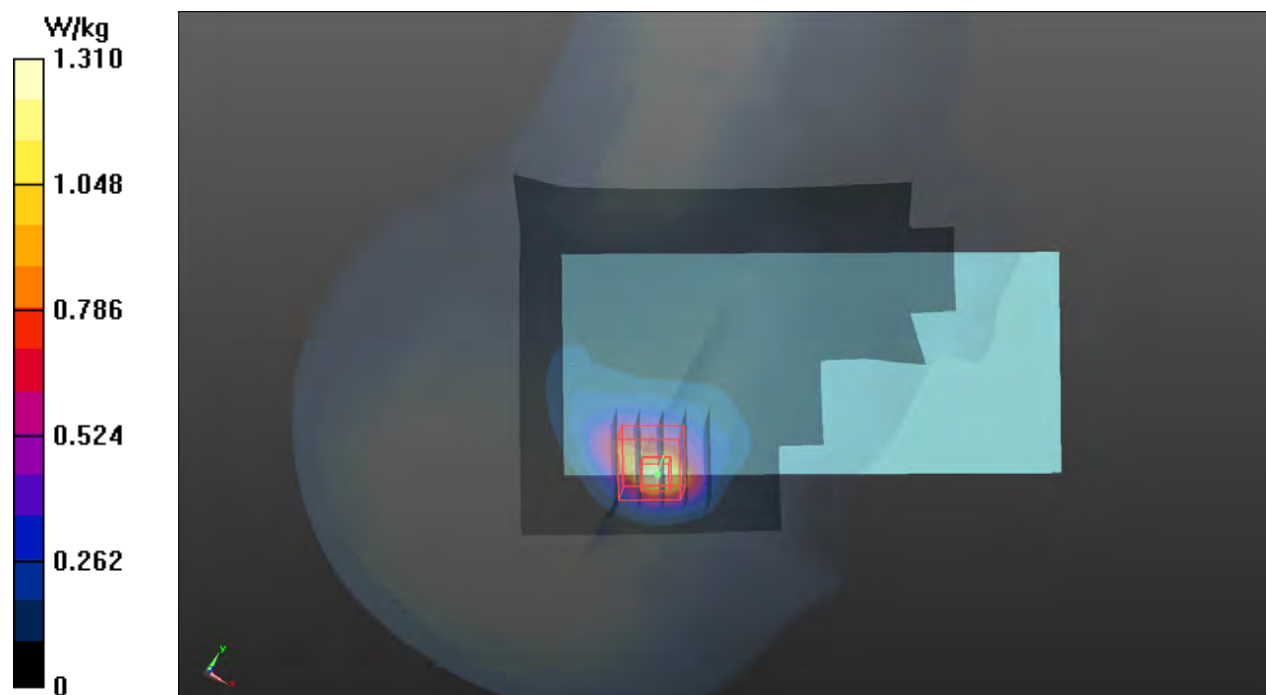
Peak SAR (extrapolated) = 2.20 W/kg

SAR(1 g) = 0.889 W/kg; SAR(10 g) = 0.400 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 40.9%

Maximum value of SAR (measured) = 1.78 W/kg



P73 5GNR-n5_DFT-S_QPSK20M_Right Cheek_Ch167300_1RB_OS1_Ant 0

DUT: BFLF-WTW-P20120540

Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 836.5 MHz; Duty Cycle: 1:3.56
Medium: H07T10N1_0130 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.916$ S/m; $\epsilon_r = 41.689$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.8 °C; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(10.34, 10.34, 10.34) @ 836.5 MHz; Calibrated: 2020/05/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2020/03/18
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.134 W/kg

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

Reference Value = 11.92 V/m; Power Drift = 0.03 dB

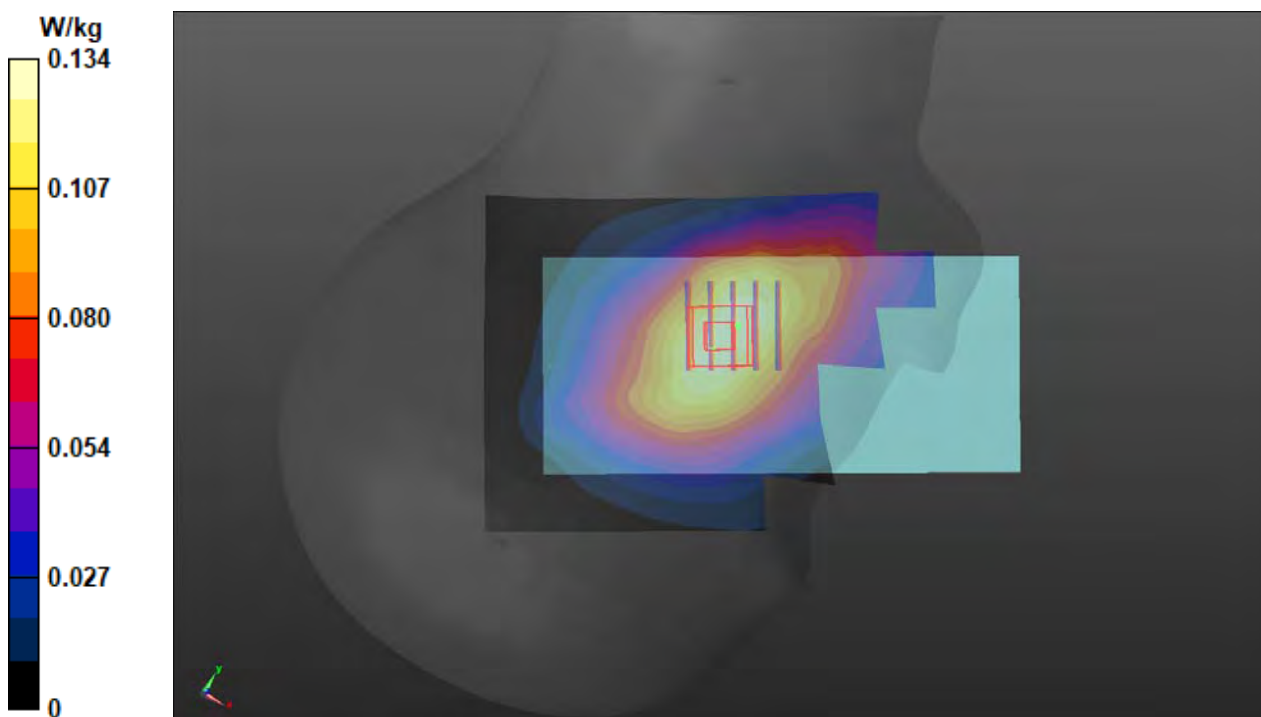
Peak SAR (extrapolated) = 0.145 W/kg

SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.088 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 78.8%

Maximum value of SAR (measured) = 0.134 W/kg



P924 5GNR-n5_DFT-S QPSK20M_Right Cheek_Ch167800_1RB_OS1_Ant 2_w_RCV

DUT: BFLF-WTW-P20120540

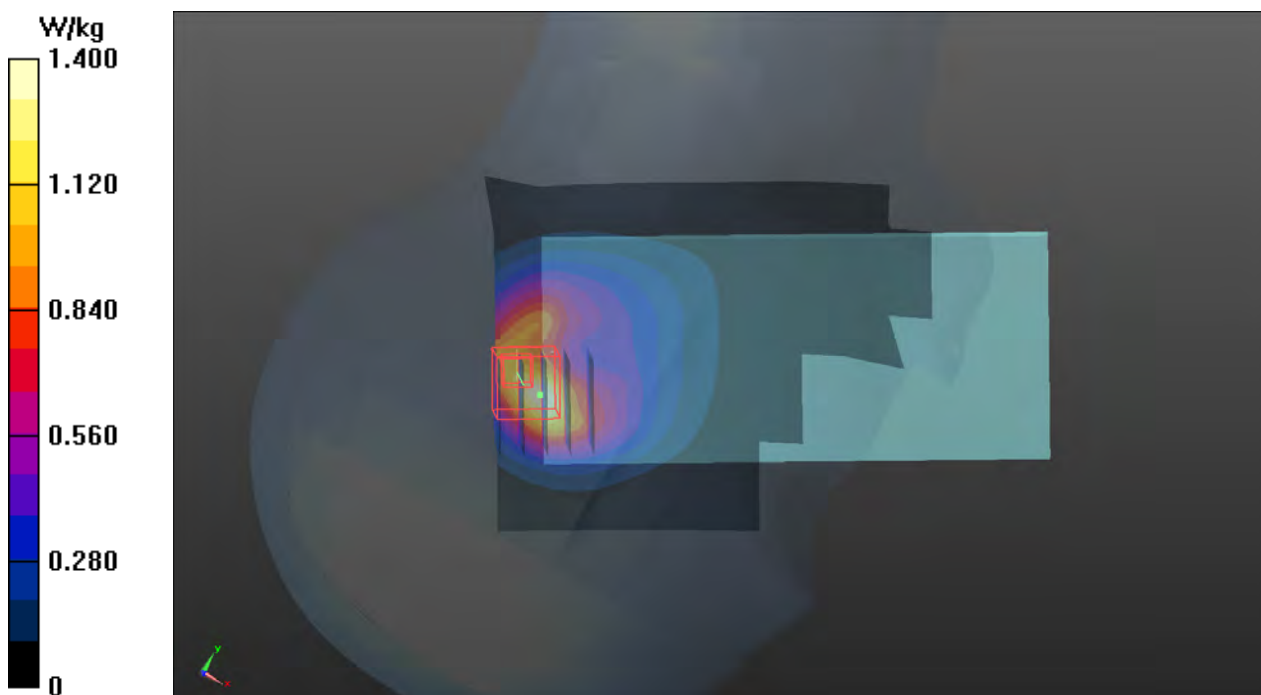
Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 839 MHz; Duty Cycle: 1:3.56
Medium: H07T10N1_0304 Medium parameters used: $f = 839$ MHz; $\sigma = 0.923$ S/m; $\epsilon_r = 40.668$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(9.2, 9.2, 9.2) @ 839 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2020/06/22
- Phantom: Twin SAM Phantom_1653; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.40 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 40.20 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.88 W/kg
SAR(1 g) = 0.963 W/kg; SAR(10 g) = 0.498 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 54.7%
Maximum value of SAR (measured) = 1.52 W/kg



P940 5G NR-n7_DFT-S_QPSK50M_Left Cheek_Ch505000_1RB_OS1_Ant 1

DUT: BFLF-WTW-P20120540

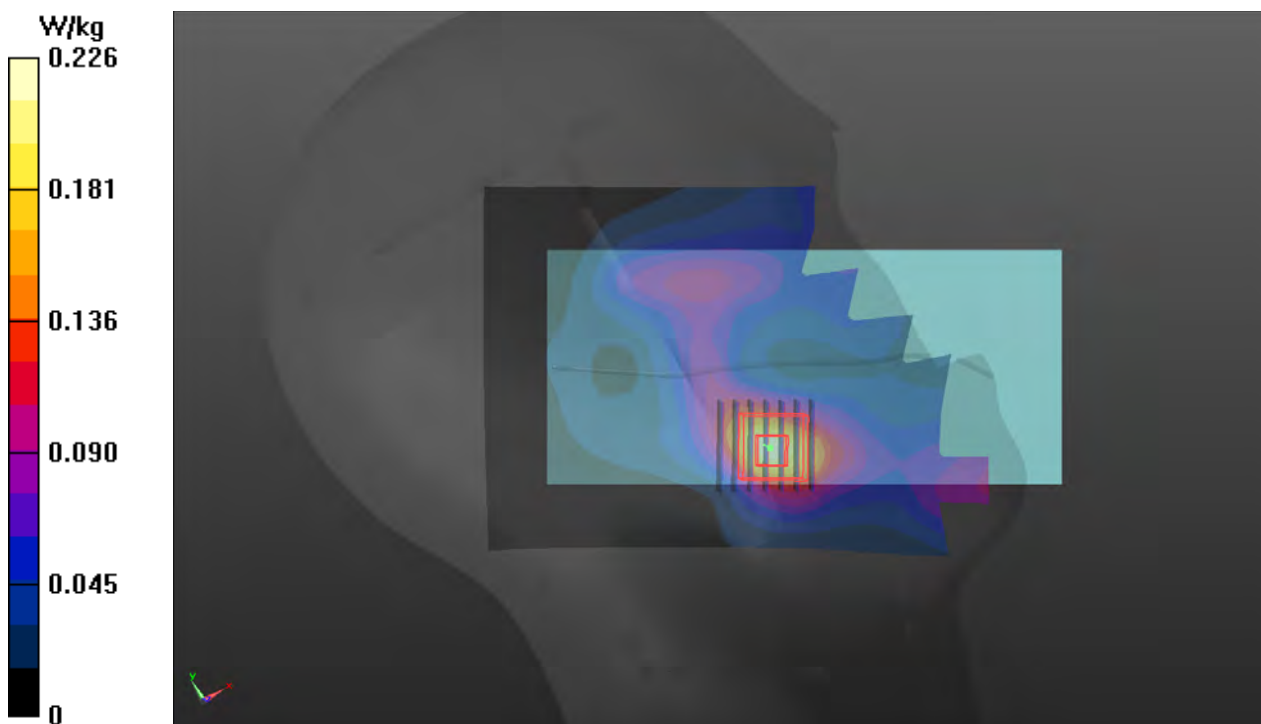
Communication System: UID 10935 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz); Frequency: 2525 MHz; Duty Cycle: 1:3.56
Medium: H19T27N1_0122 Medium parameters used (interpolated): $f = 2525$ MHz; $\sigma = 1.945$ S/m; $\epsilon_r = 38.776$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(7.36, 7.36, 7.36) @ 2525 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1987; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.226 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.779 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.253 W/kg
SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.078 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 12 mm
Ratio of SAR at M2 to SAR at M1 = 58.4%
Maximum value of SAR (measured) = 0.212 W/kg



P941 5G NR-n7_DFT-S_QPSK50M_Left Tilted_Ch509000_1RB_OS1_Ant 2

DUT: BFLF-WTW-P20120540

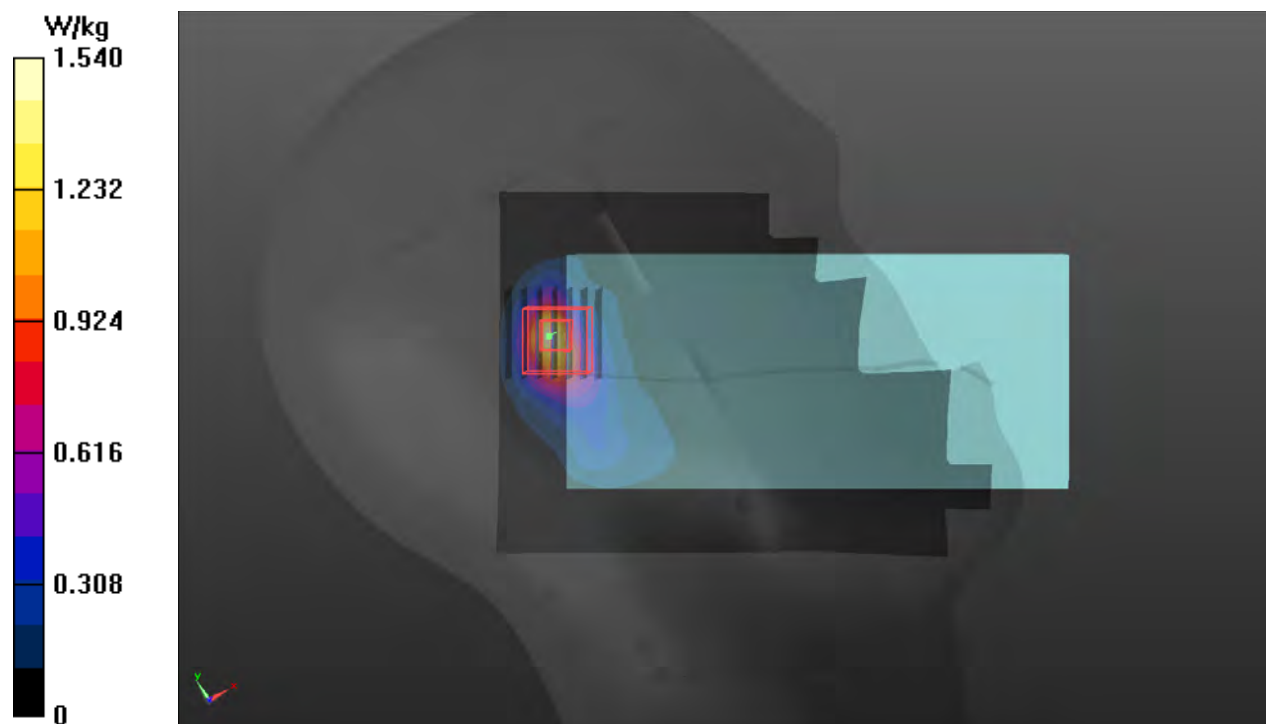
Communication System: UID 10935 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz); Frequency: 2545 MHz; Duty Cycle: 1:3.56
Medium: H19T27N1_0304 Medium parameters used (interpolated): $f = 2545$ MHz; $\sigma = 1.965$ S/m; $\epsilon_r = 39.682$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(7.18, 7.18, 7.18) @ 2545 MHz; Calibrated: 2020/05/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2020/03/18
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.54 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.48 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 2.10 W/kg
SAR(1 g) = 0.924 W/kg; SAR(10 g) = 0.397 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 7.1 mm
Ratio of SAR at M2 to SAR at M1 = 49%
Maximum value of SAR (measured) = 1.59 W/kg



P942 5G NR-n7_DFT-S QPSK50M_Left Cheek_Ch509000_1RB_0S1_Ant 8

DUT: BFLF-WTW-P20120540

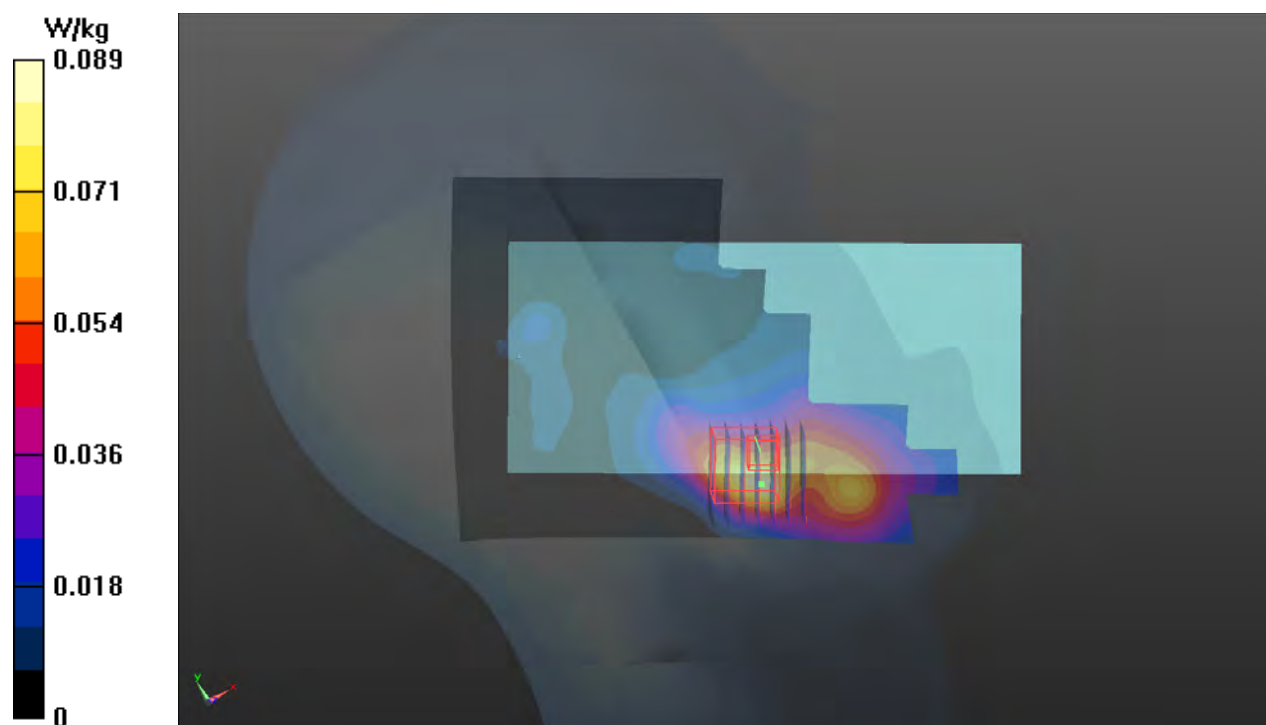
Communication System: UID 10935 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz); Frequency: 2545 MHz; Duty Cycle: 1:3.56
Medium: H19T27N1_0203 Medium parameters used (interpolated): $f = 2545 \text{ MHz}$; $\sigma = 1.976 \text{ S/m}$; $\epsilon_r = 39.047$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $23.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.53, 7.53, 7.53) @ 2545 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$
Maximum value of SAR (interpolated) = 0.0893 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 6.710 V/m ; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.319 W/kg
SAR(1 g) = 0.052 W/kg ; SAR(10 g) = 0.017 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 51.8%
Maximum value of SAR (measured) = 0.104 W/kg



P943 5GNR-n7_DFT-S QPSK50M_Right Cheek_Ch505000_1RB_OS1_Ant 9_w_RCV

DUT: BFLF-WTW-P20120540

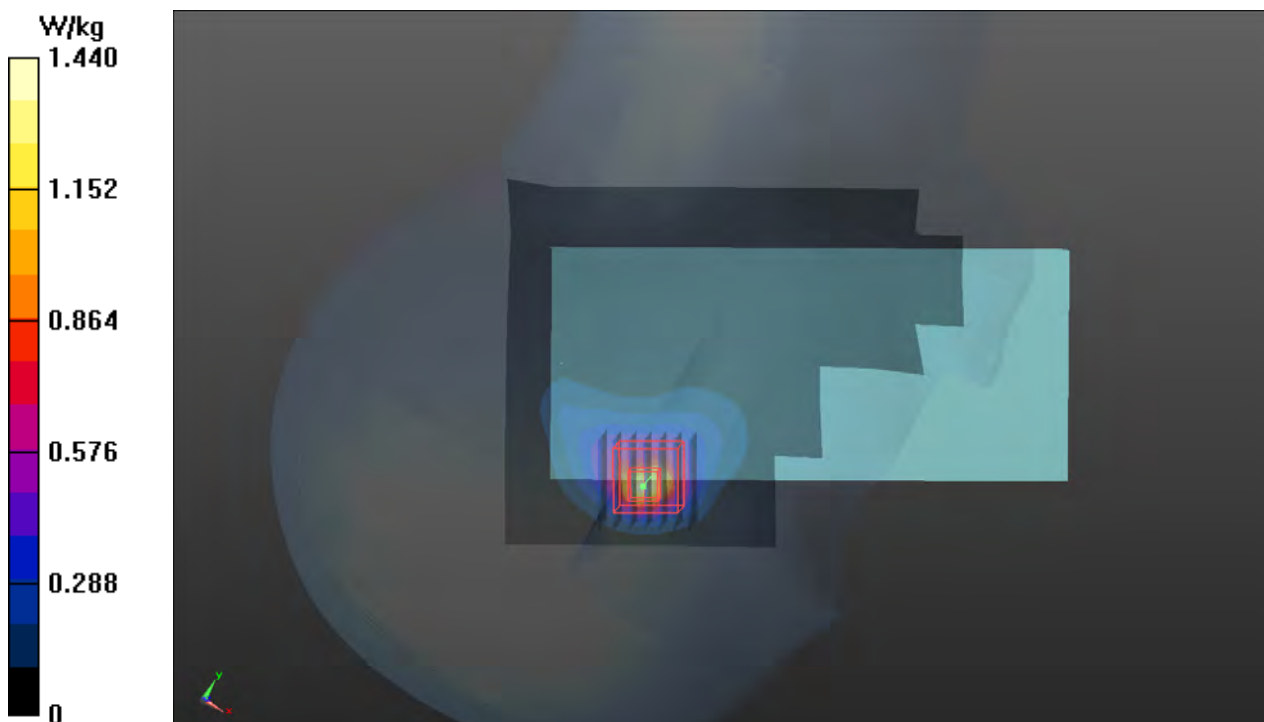
Communication System: UID 10935 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz); Frequency: 2525 MHz; Duty Cycle: 1:3.56
Medium: H19T27N1_0311 Medium parameters used (interpolated): $f = 2525$ MHz; $\sigma = 1.953$ S/m; $\epsilon_r = 38.832$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.53, 7.53, 7.53) @ 2525 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.44 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.68 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 2.30 W/kg
SAR(1 g) = 0.825 W/kg; SAR(10 g) = 0.334 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 6.1 mm
Ratio of SAR at M2 to SAR at M1 = 39.3%
Maximum value of SAR (measured) = 1.75 W/kg



P75 5GNR-n7_DFT-S_QPSK40M_Left Cheek_Ch504000_1RB_OS1_Ant 1

DUT: BFLF-WTW-P20120540

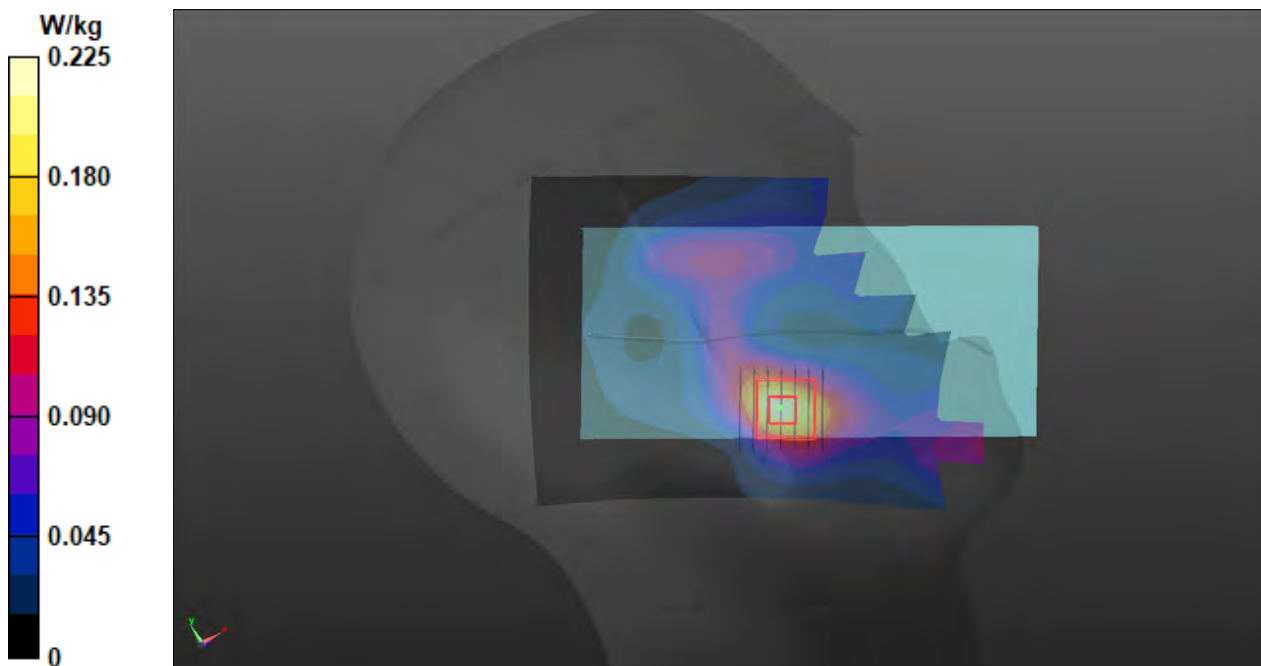
Communication System: UID 10934 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 2520 MHz; Duty Cycle: 1:3.56
Medium: H19T27N1_0122 Medium parameters used: $f = 2520$ MHz; $\sigma = 1.94$ S/m; $\epsilon_r = 38.796$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.7 °C; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(7.36, 7.36, 7.36) @ 2520 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1987; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.225 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.771 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.252 W/kg
SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.079 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 12 mm
Ratio of SAR at M2 to SAR at M1 = 58.4%
Maximum value of SAR (measured) = 0.211 W/kg



P925 5G NR-n7_DFT-S_QPSK40M_Left Tilted_Ch510000_1RB_OS1_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10934 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 2550 MHz; Duty Cycle: 1:3.56
Medium: H19T27N1_0304 Medium parameters used: $f = 2550$ MHz; $\sigma = 1.971$ S/m; $\epsilon_r = 39.661$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(7.18, 7.18, 7.18) @ 2550 MHz; Calibrated: 2020/05/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2020/03/18
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.55 W/kg

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

Reference Value = 29.50 V/m; Power Drift = -0.07 dB

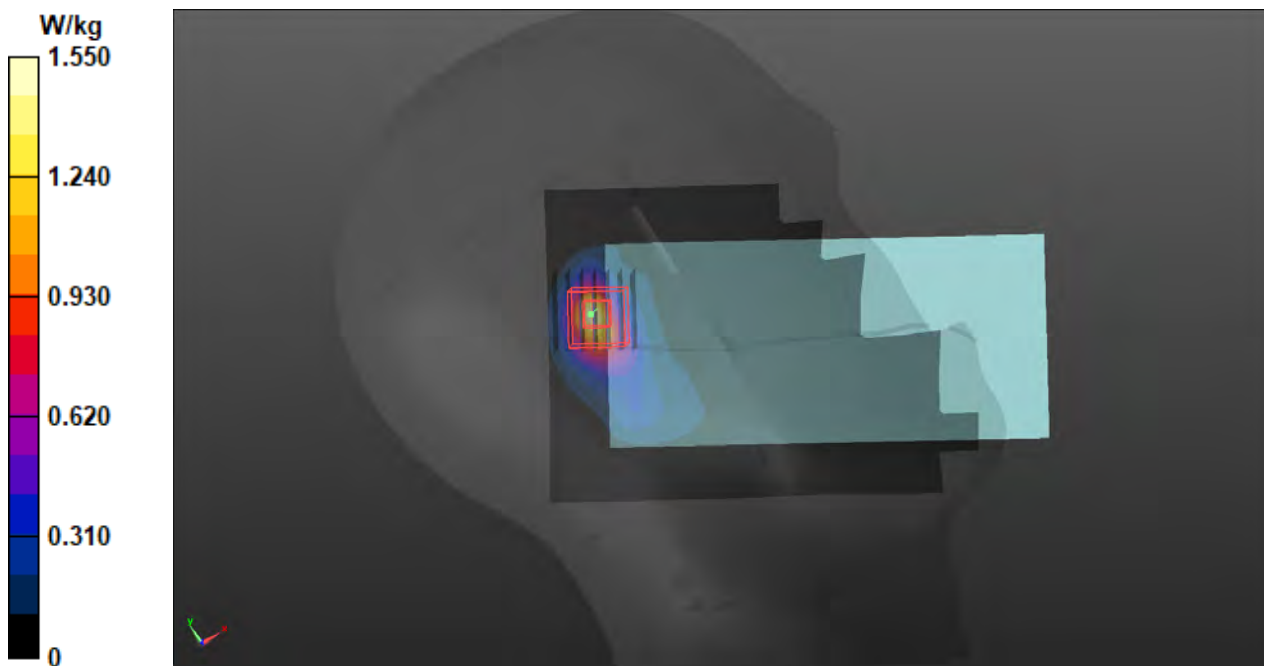
Peak SAR (extrapolated) = 2.11 W/kg

SAR(1 g) = 0.929 W/kg; SAR(10 g) = 0.411 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.1 mm

Ratio of SAR at M2 to SAR at M1 = 49%

Maximum value of SAR (measured) = 1.60 W/kg



P77 5GNR-n7_DFT-S QPSK40M_Left Cheek_Ch510000_1RB_0S1_Ant 8**DUT: BFLF-WTW-P20120540**

Communication System: UID 10934 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 2550 MHz; Duty Cycle: 1:3.56

Medium: H19T27N1_0203 Medium parameters used: $f = 2550$ MHz; $\sigma = 1.981$ S/m; $\epsilon_r = 39.03$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.53, 7.53, 7.53) @ 2550 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0897 W/kg

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

Reference Value = 6.715 V/m; Power Drift = -0.18 dB

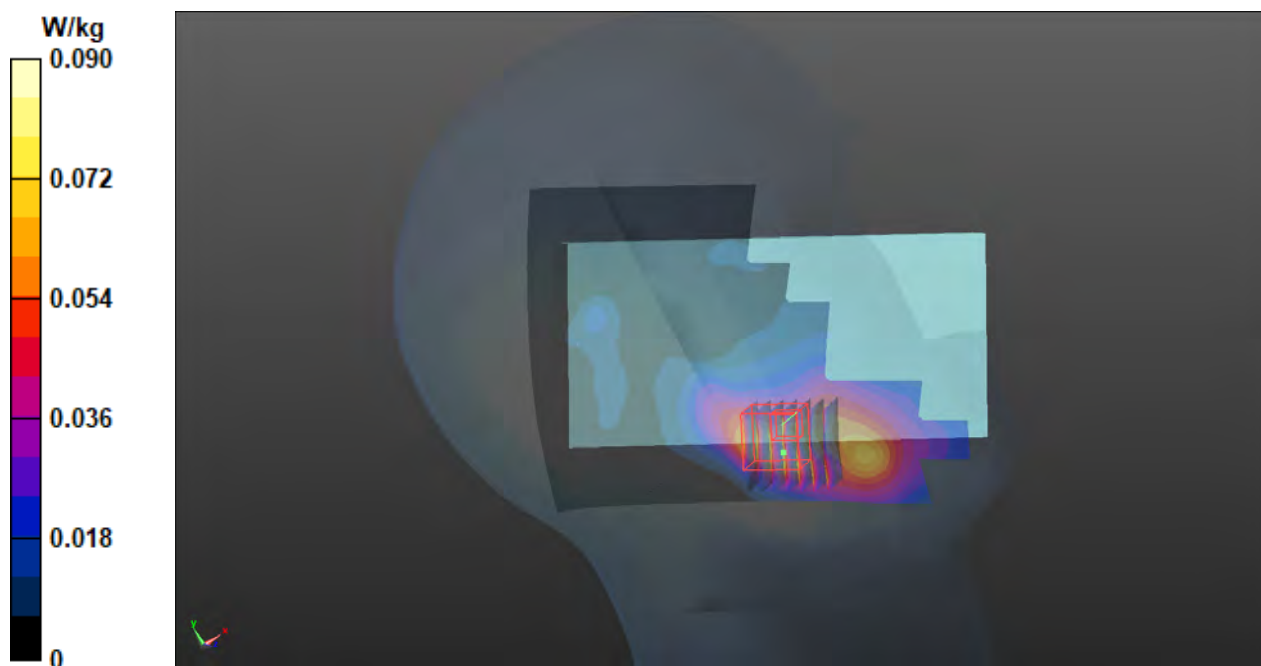
Peak SAR (extrapolated) = 0.320 W/kg

SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.017 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 5.2 mm

Ratio of SAR at M2 to SAR at M1 = 51.8%

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



P926 5G NR-n7_DFT-S QPSK40M_Right Cheek_Ch504000_1RB_OS1_Ant 9_w_RCV

DUT: BFLF-WTW-P20120540

Communication System: UID 10934 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 2520 MHz; Duty Cycle: 1:3.56

Medium: H19T27N1_0304 Medium parameters used: $f = 2520$ MHz; $\sigma = 1.94$ S/m; $\epsilon_r = 39.796$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.21, 7.21, 7.21) @ 2520 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2020/06/22
- Phantom: Twin SAM Phantom_1653; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.43 W/kg

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

Reference Value = 25.25 V/m; Power Drift = 0.08 dB

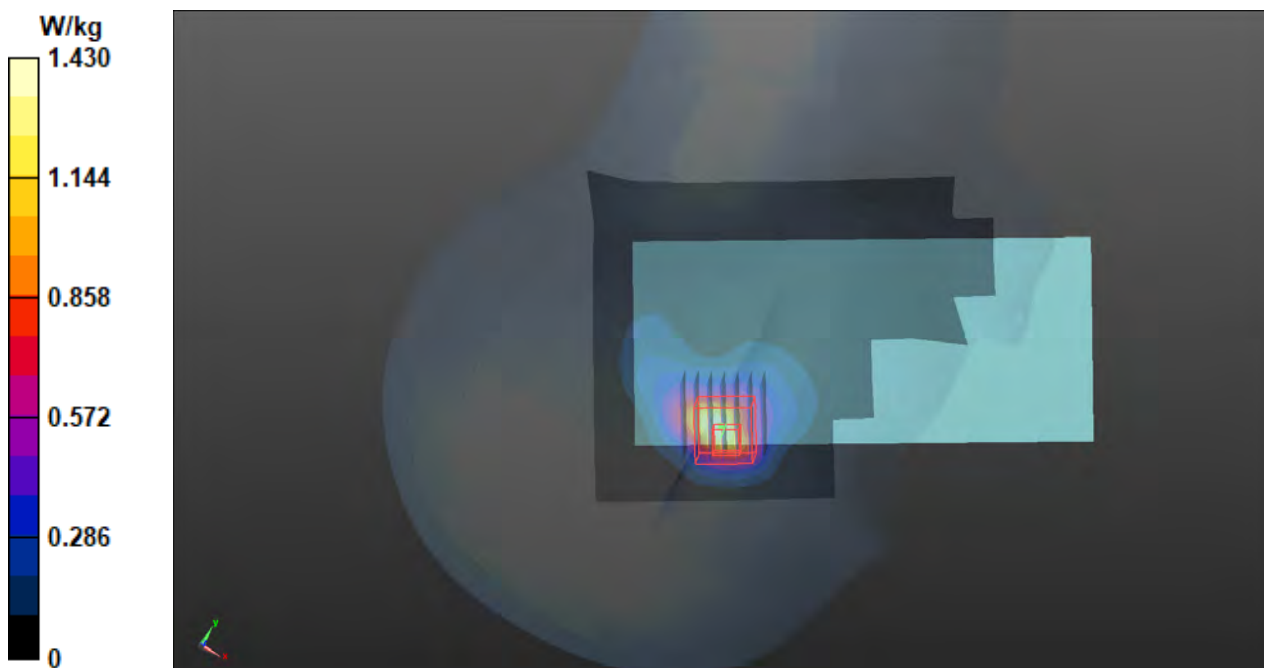
Peak SAR (extrapolated) = 2.81 W/kg

SAR(1 g) = 0.852 W/kg; SAR(10 g) = 0.345 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 5.7 mm

Ratio of SAR at M2 to SAR at M1 = 37.9%

Maximum value of SAR (measured) = 2.13 W/kg



P79 5G NR-n12_DFT-S QPSK15M_Right Cheek_Ch141500_Ant 0

DUT: BFLF-WTW-P20120540

Communication System: UID 10930 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz);
Frequency: 707.5 MHz; Duty Cycle: 1:3.56

Medium: H06T09N3_0201 Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.876$ S/m; $\epsilon_r = 44.475$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(10.54, 10.54, 10.54) @ 707.5 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.180 W/kg

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

Reference Value = 14.48 V/m; Power Drift = 0.02 dB

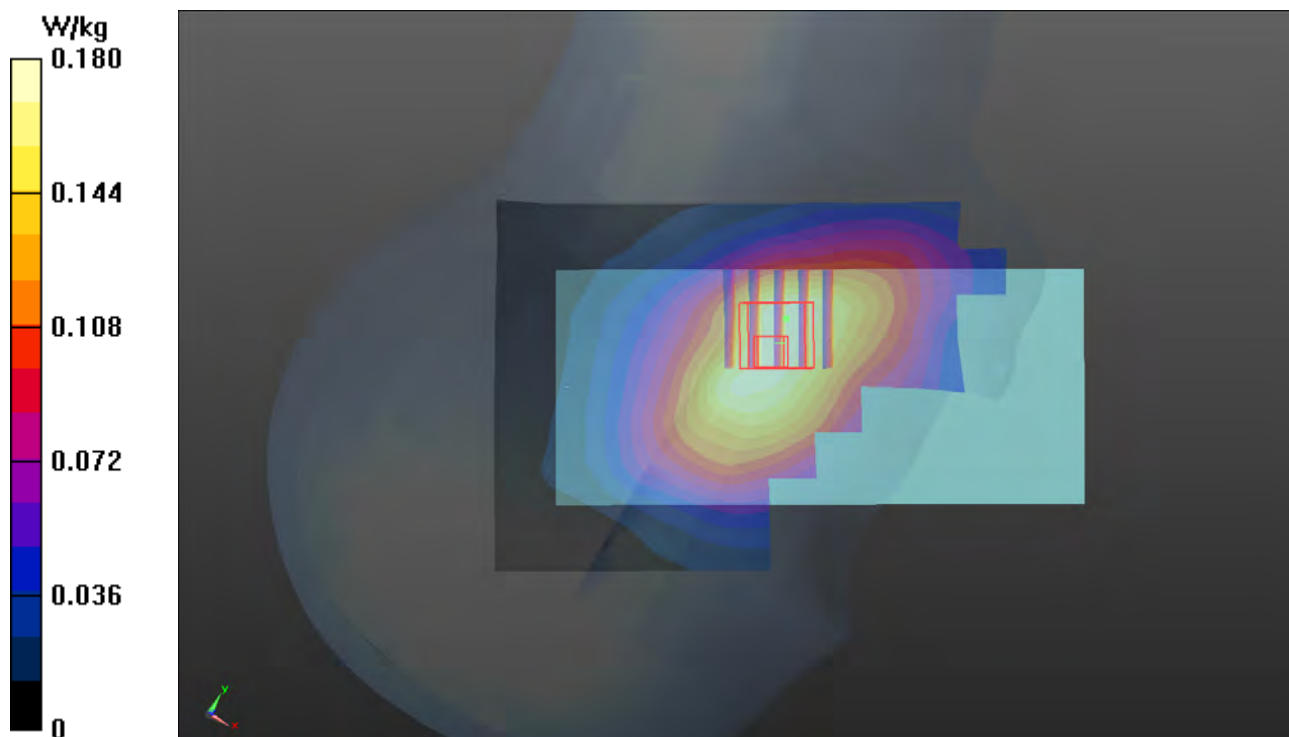
Peak SAR (extrapolated) = 0.198 W/kg

SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.120 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 28.3 mm

Ratio of SAR at M2 to SAR at M1 = 76.6%

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



P927 5G NR-n12_DFT-S_QPSK15M_Right Cheek_Ch141300_1RB_OS1_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10930 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz); Frequency: 706.5 MHz; Duty Cycle: 1:3.56
Medium: H06T09N1_0304 Medium parameters used (interpolated): $f = 706.5$ MHz; $\sigma = 0.851$ S/m; $\epsilon_r = 43.791$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(10.66, 10.66, 10.66) @ 706.5 MHz; Calibrated: 2020/05/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2020/03/18
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.07 W/kg

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

Reference Value = 1.217 V/m; Power Drift = 0.08 dB

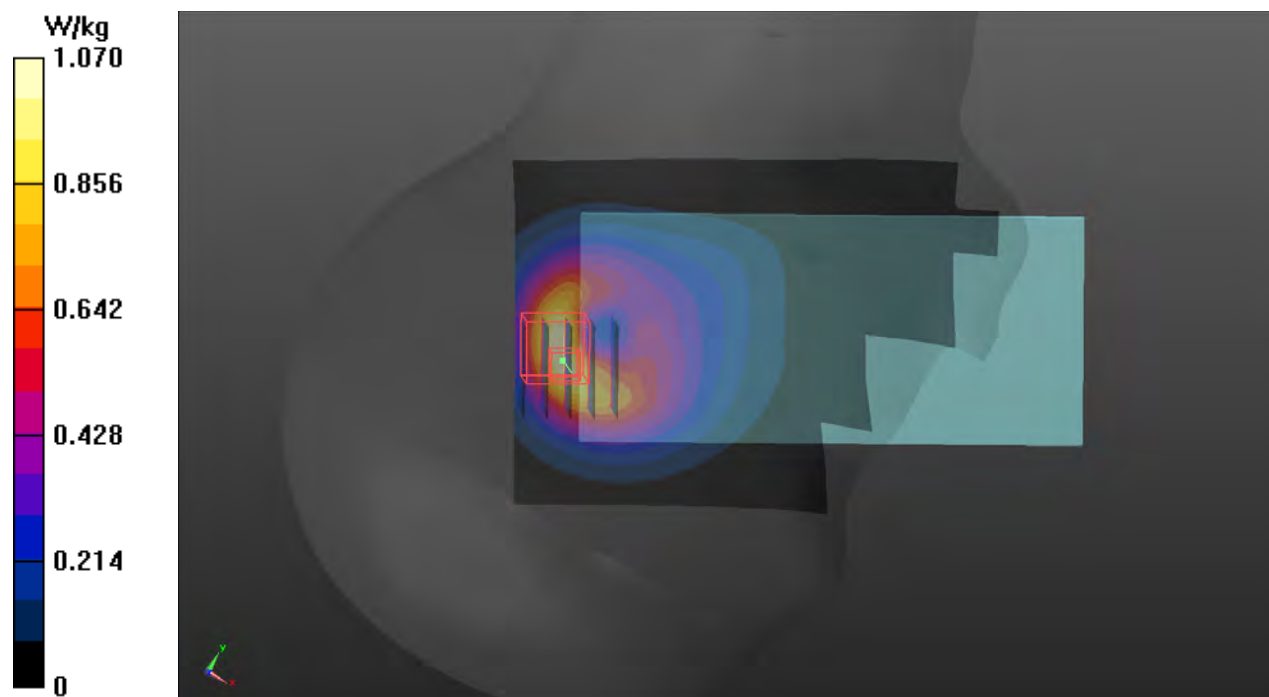
Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.705 W/kg; SAR(10 g) = 0.372 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 49.3%

Maximum value of SAR (measured) = 1.13 W/kg



P702 5G NR-n13_DFT-S QPSK10M_Right Cheek_Ch156400_1RB_OS1_Ant 0

DUT: BFLF-WTW-P20120540

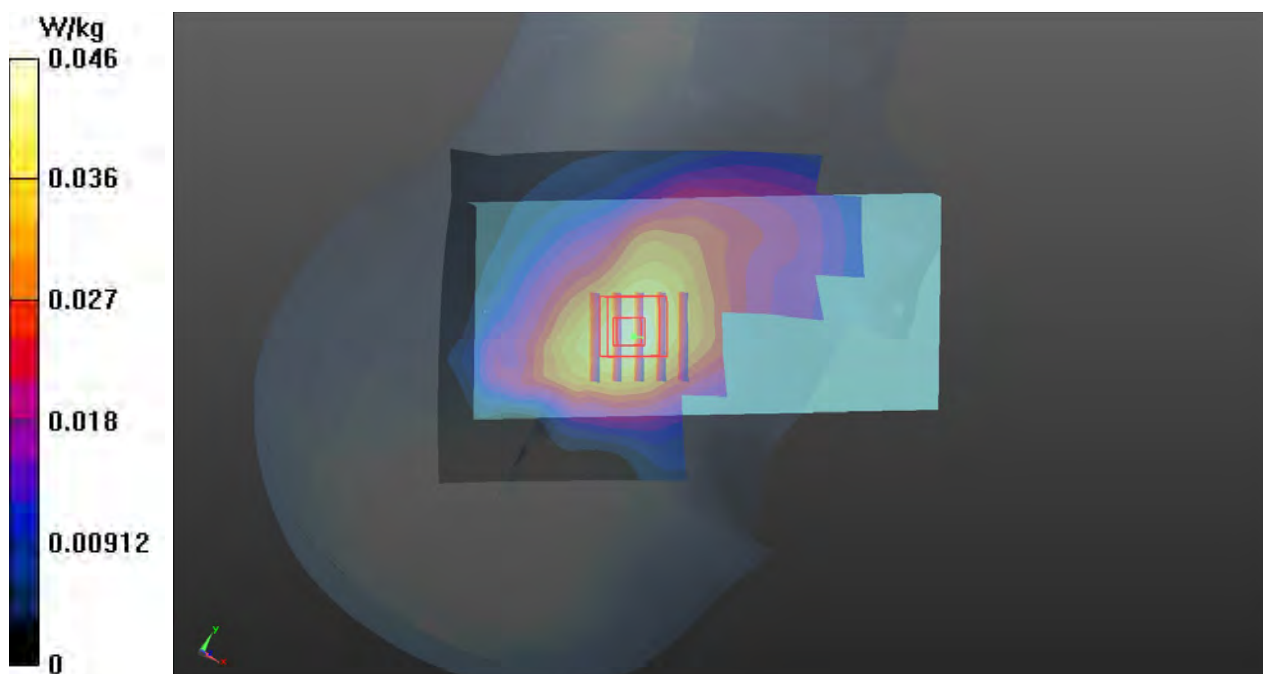
Communication System: UID 10929 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz); Frequency: 782 MHz; Duty Cycle: 1:3.56
Medium: H06T09N1_0319 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.924 \text{ S/m}$; $\epsilon_r = 42.685$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $23.6 \text{ }^\circ\text{C}$; Liquid Temperature : $23.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(10.54, 10.54, 10.54) @ 782 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.0456 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 7.007 V/m ; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.0510 W/kg
SAR(1 g) = 0.037 W/kg ; SAR(10 g) = 0.029 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 77.4%
Maximum value of SAR (measured) = 0.0445 W/kg



P703 5G NR-n13_DFT-S QPSK10M_Right Cheek_Ch156400_1RB_OS1_Ant 2

DUT: BFLF-WTW-P20120540

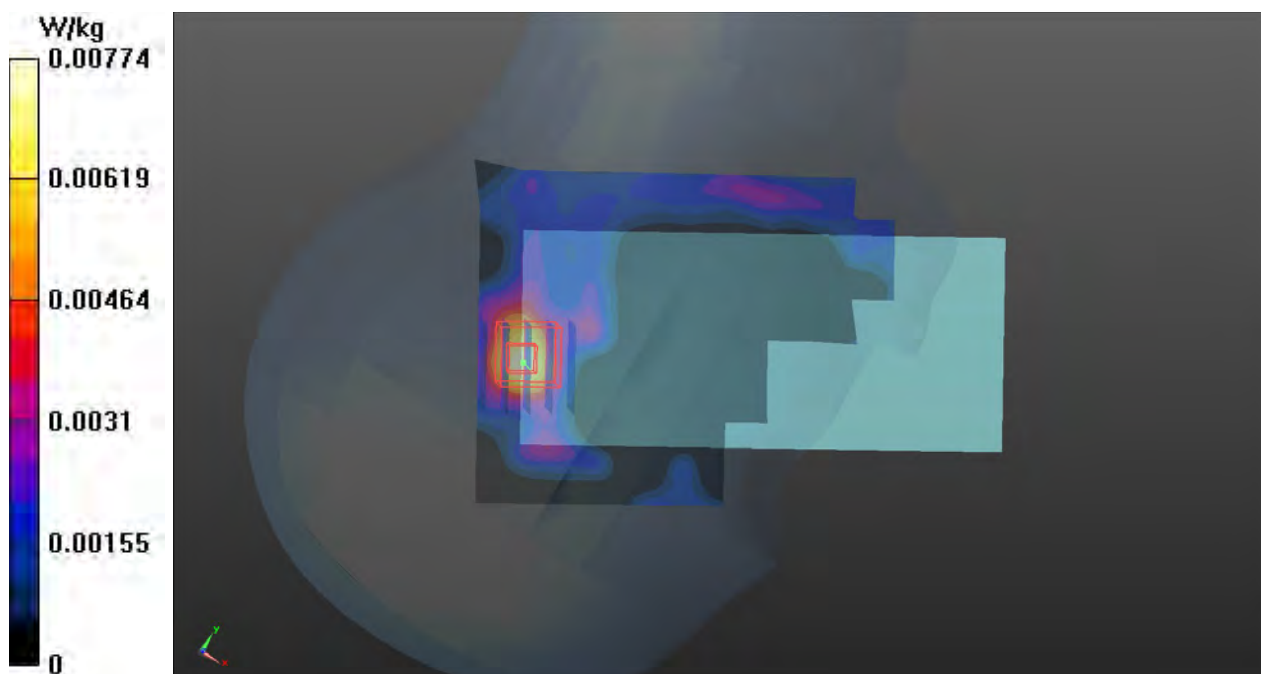
Communication System: UID 10929 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz); Frequency: 782 MHz; Duty Cycle: 1:3.56
Medium: H06T09N1_0319 Medium parameters used: $f = 782$ MHz; $\sigma = 0.924$ S/m; $\epsilon_r = 42.685$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(10.54, 10.54, 10.54) @ 782 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.00774 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.540 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.00967 W/kg
SAR(1 g) = 0.00419 W/kg; SAR(10 g) = 0.00249 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 51%
Maximum value of SAR (measured) = 0.00696 W/kg



P81 5G NR-n14_DFT-S QPSK10M_Right Cheek_Ch158600_Ant 0

DUT: BFLF-WTW-P20120540

Communication System: UID 10929 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz);
Frequency: 793 MHz; Duty Cycle: 1:3.56

Medium: H06T09N3_0201 Medium parameters used: $f = 793$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 42.984$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(10.54, 10.54, 10.54) @ 793 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 14.58 V/m; Power Drift = 0.06 dB

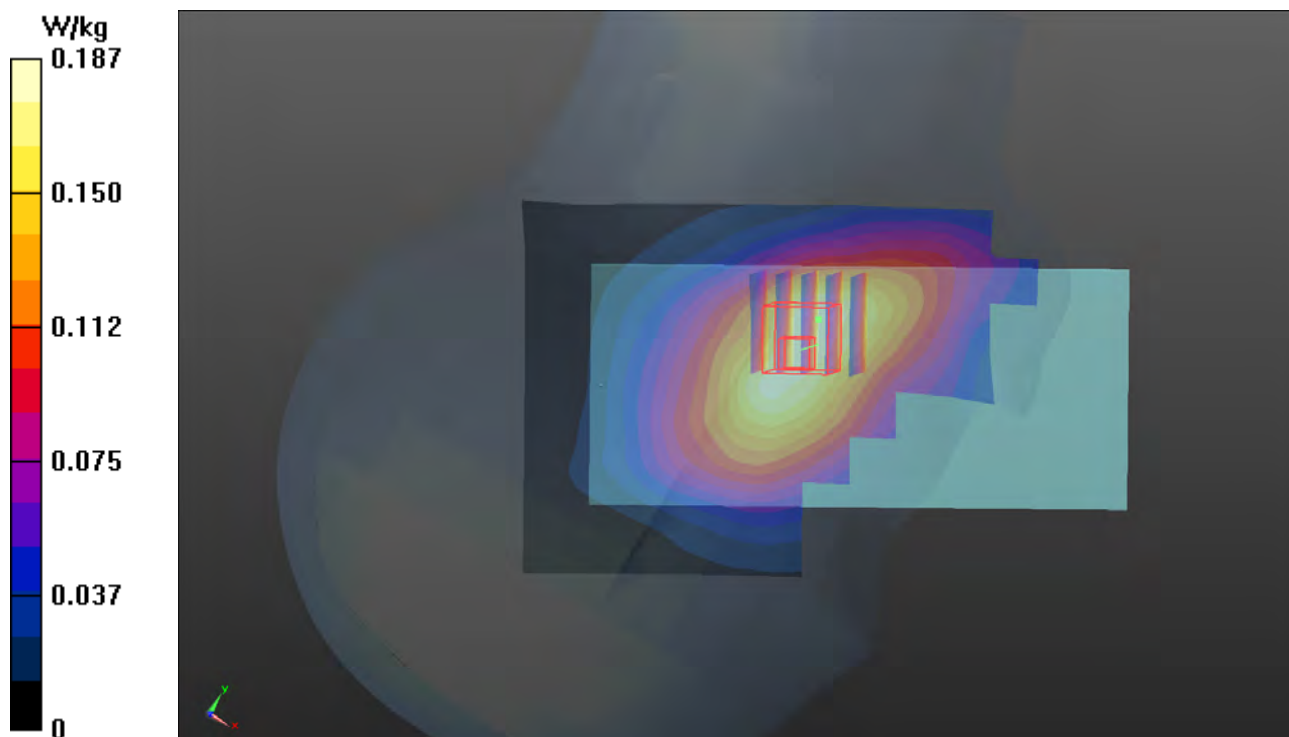
Peak SAR (extrapolated) = 0.203 W/kg

SAR(1 g) = 0.154 W/kg; SAR(10 g) = 0.118 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 28.3 mm

Ratio of SAR at M2 to SAR at M1 = 75.4%

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



P82 5GNR-n14_DFT-S_QPSK10M_Right Cheek_Ch158600_1RB_OS1_Ant 2

DUT: BFLF-WTW-P20120540

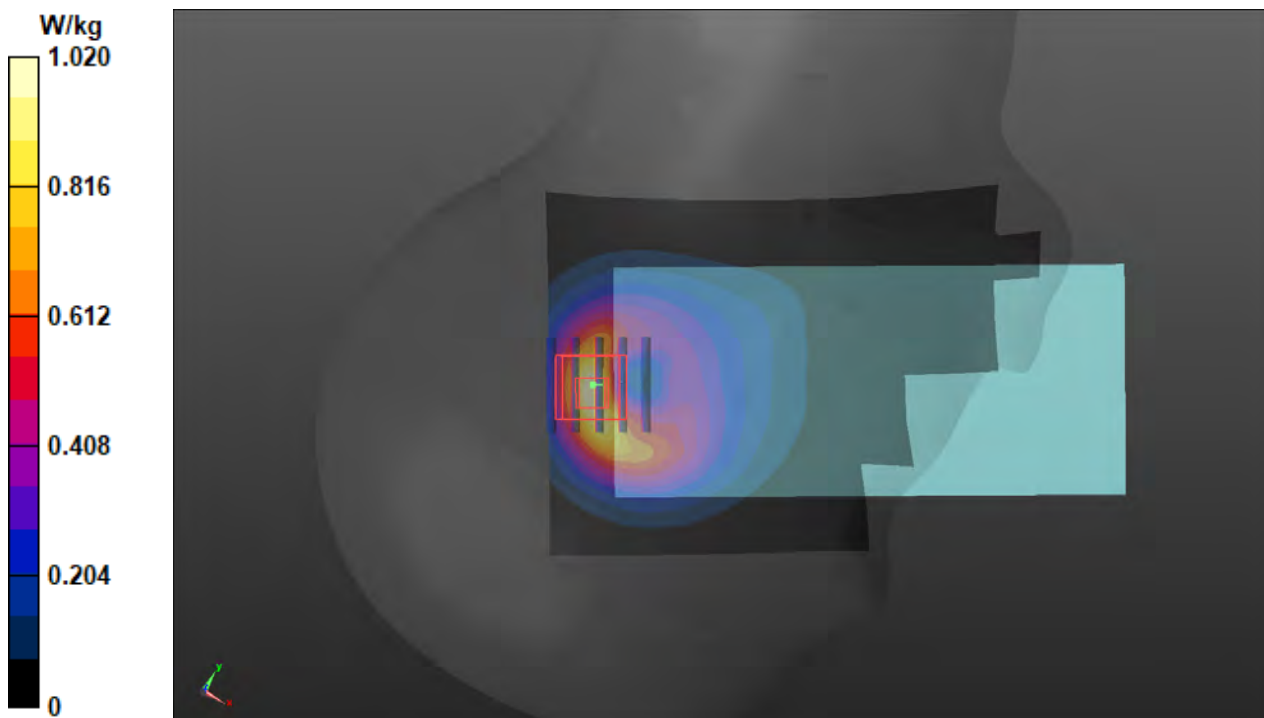
Communication System: UID 10929 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz); Frequency: 793 MHz; Duty Cycle: 1:3.56
Medium: H06T09N1_0201 Medium parameters used: $f = 793$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 42.918$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.8 °C; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(10.66, 10.66, 10.66) @ 793 MHz; Calibrated: 2020/05/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2020/03/18
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.02 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.9310 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.628 W/kg; SAR(10 g) = 0.343 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 52.2%
Maximum value of SAR (measured) = 1.05 W/kg



P83 5GNR_n25_DFT-S QPSK40M_Right Cheek_Ch376500_Ant 1

DUT: BFLF-WTW-P20120540

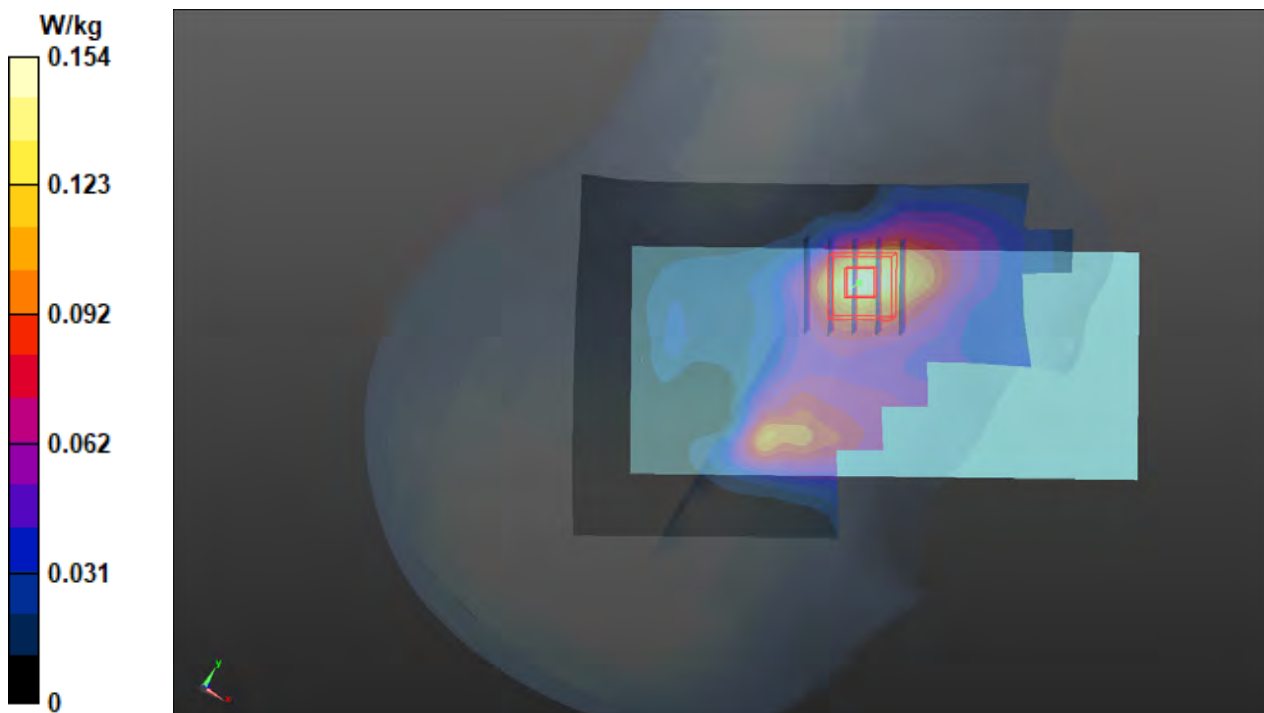
Communication System: UID 10934 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1882.5 MHz; Duty Cycle: 1:3.56
Medium: H16T20N2_0201 Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.425$ S/m; $\epsilon_r = 41.87$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.8 °C; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(8.35, 8.35, 8.35) @ 1882.5 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.154 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.53 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.171 W/kg
SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.067 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 14.5 mm
Ratio of SAR at M2 to SAR at M1 = 68.6%
Maximum value of SAR (measured) = 0.151 W/kg



P928 5G NR-n25_DFT-S_QPSK40M_Left Tilted_Ch376500_1RB_OS1_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10934 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1882.5 MHz; Duty Cycle: 1:3.56
Medium: H16T20N1_0304 Medium parameters used (interpolated): $f = 1882.5 \text{ MHz}$; $\sigma = 1.439 \text{ S/m}$; $\epsilon_r = 39.478$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(8.02, 8.02, 8.02) @ 1882.5 MHz; Calibrated: 2020/05/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2020/03/18
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 1.46 W/kg

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

Reference Value = 30.06 V/m; Power Drift = 0.07 dB

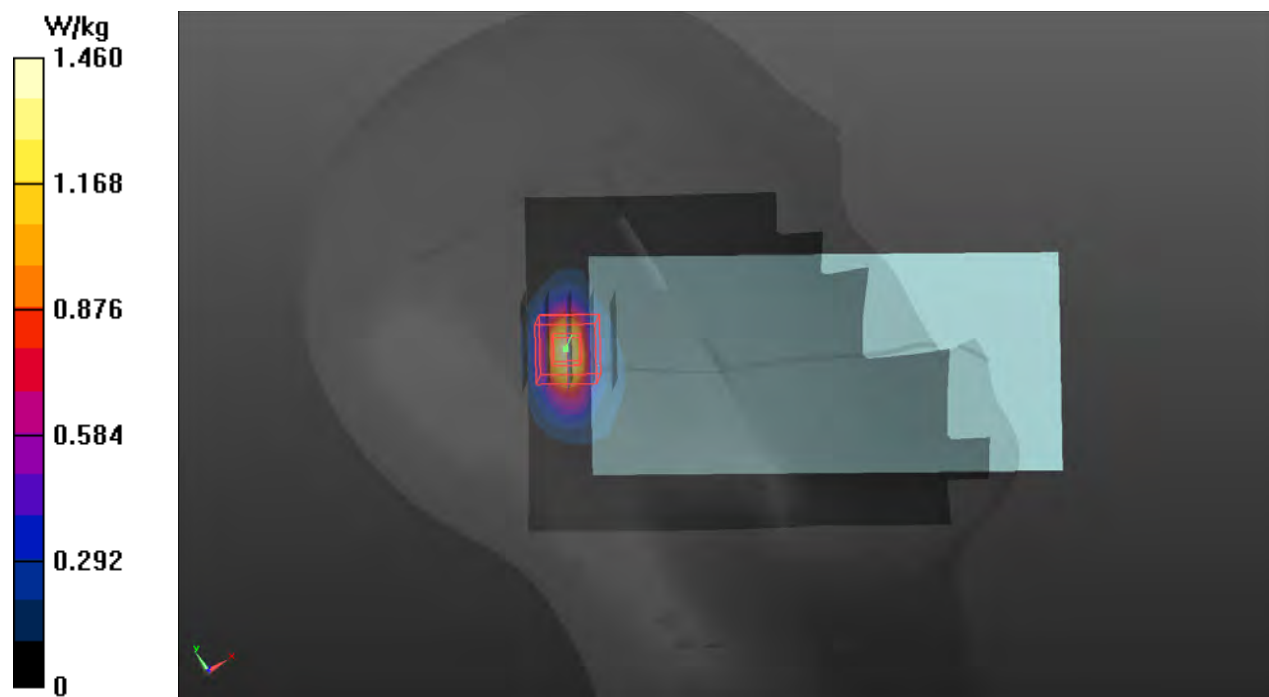
Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.813 W/kg; SAR(10 g) = 0.387 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 52.1%

Maximum value of SAR (measured) = 1.37 W/kg



P85 5GNR-n25_DFT-S QPSK20M_Left Cheek_Ch376500_1RB_0S1_Ant 8

DUT: BFLF-WTW-P20120540

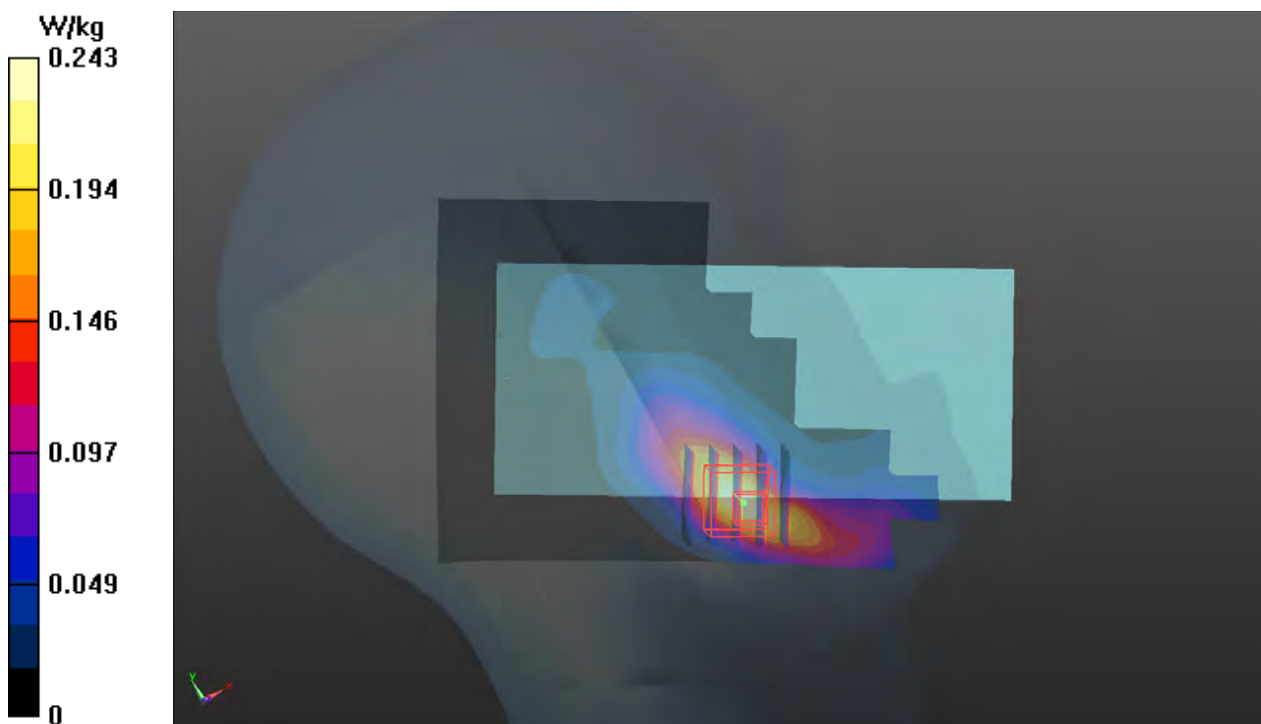
Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 1882.5 MHz; Duty Cycle: 1:3.56
Medium: H16T20N1_0203 Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.433$ S/m; $\epsilon_r = 38.502$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(8.35, 8.35, 8.35) @ 1882.5 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.243 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.96 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.282 W/kg
SAR(1 g) = 0.178 W/kg; SAR(10 g) = 0.108 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 10.5 mm
Ratio of SAR at M2 to SAR at M1 = 68.2%
Maximum value of SAR (measured) = 0.240 W/kg



P929 5GNR-n25_DFT-S QPSK40M_Right Cheek_Ch374000_1RB_OS1_Ant 9_w_RCV

DUT: BFLF-WTW-P20120540

Communication System: UID 10934 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1870 MHz; Duty Cycle: 1:3.56

Medium: H16T20N1_0304 Medium parameters used: $f = 1870$ MHz; $\sigma = 1.428$ S/m; $\epsilon_r = 39.525$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.98, 7.98, 7.98) @ 1860 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2020/06/22
- Phantom: Twin SAM Phantom_1653; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 22.77 V/m; Power Drift = 0.02 dB

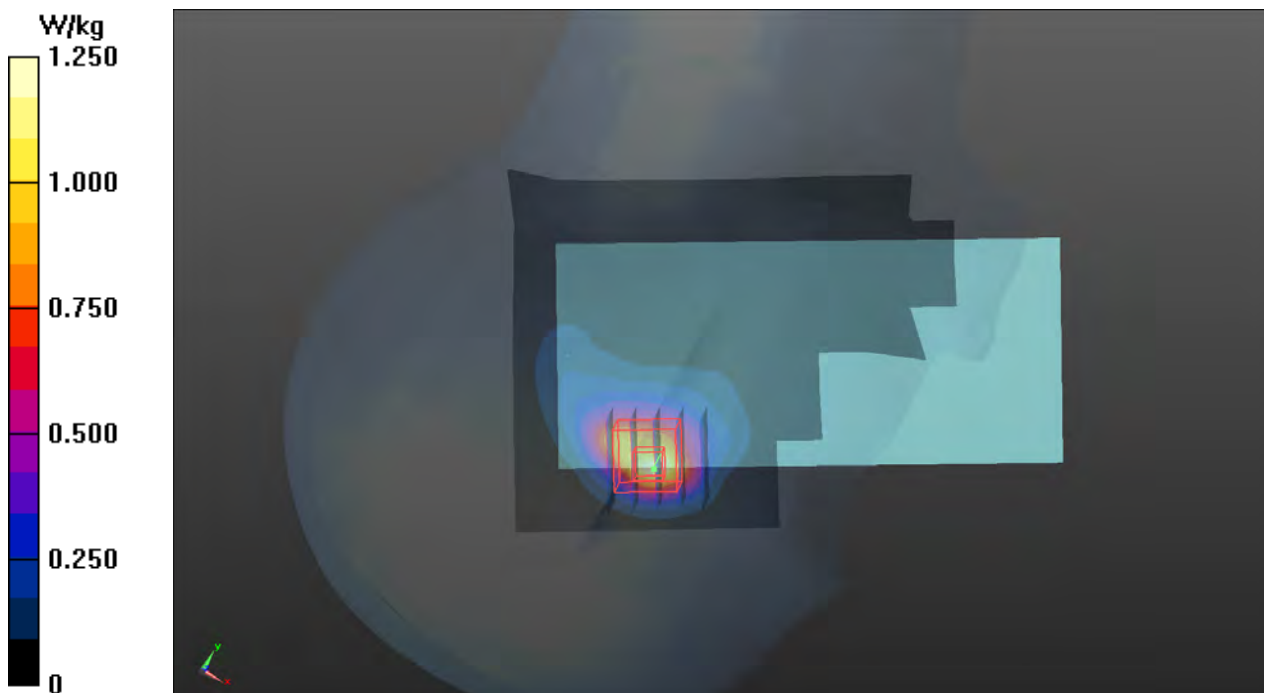
Peak SAR (extrapolated) = 2.11 W/kg

SAR(1 g) = 0.896 W/kg; SAR(10 g) = 0.422 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 44%

Maximum value of SAR (measured) = 1.74 W/kg



P87 5G NR-n26_DFT-S QPSK20M_Right Cheek_Ant 0

DUT: BFLF-WTW-P20120540

Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz);
Frequency: 839 MHz; Duty Cycle: 1:3.56

Medium: H07T10N1_0201 Medium parameters used: $f = 839$ MHz; $\sigma = 0.923$ S/m; $\epsilon_r = 41.628$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(10.11, 10.11, 10.11) @ 839 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.098 W/kg

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

Reference Value = 10.66 V/m; Power Drift = -0.16 dB

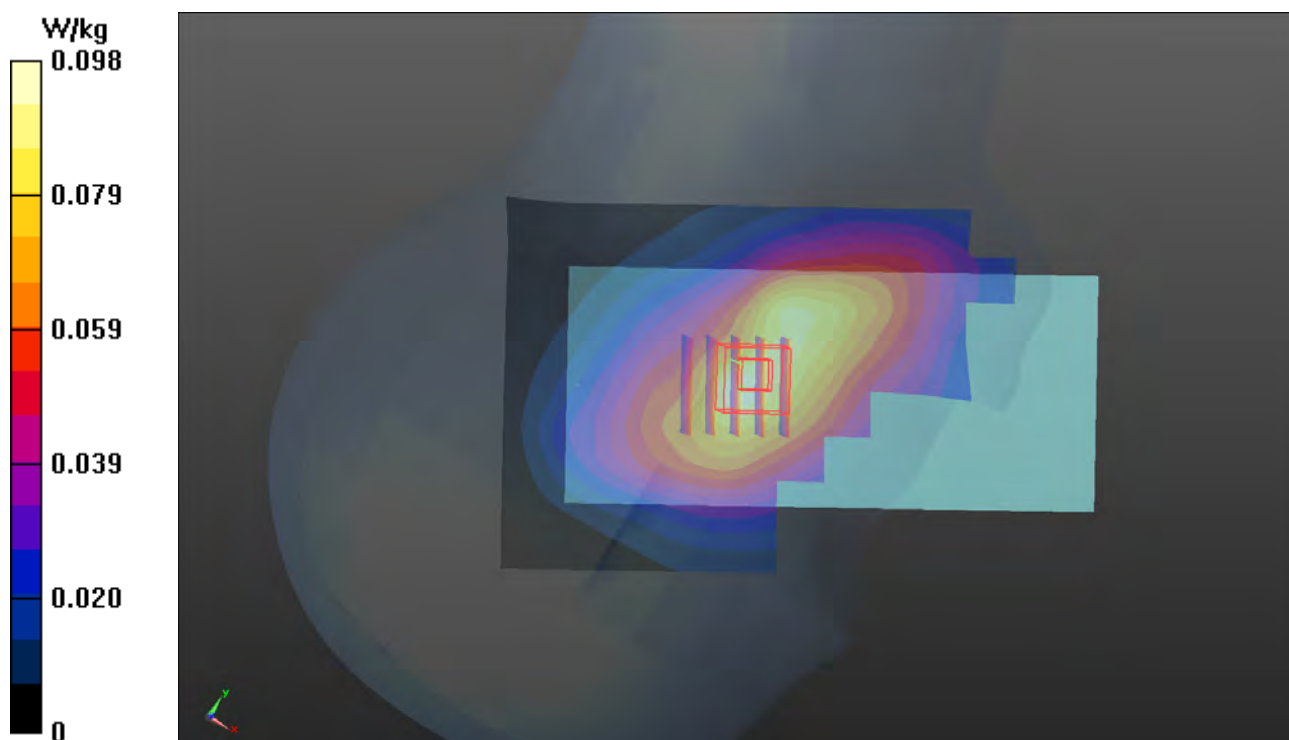
Peak SAR (extrapolated) = 0.105 W/kg

SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.061 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 73%

Maximum value of SAR (measured) = 0.0929 W/kg



P88 5GNR-n26_DFT-S QPSK20M_Right Cheek_Ch167800_1RB_0S1_Ant 2

DUT: BFLF-WTW-P20120540

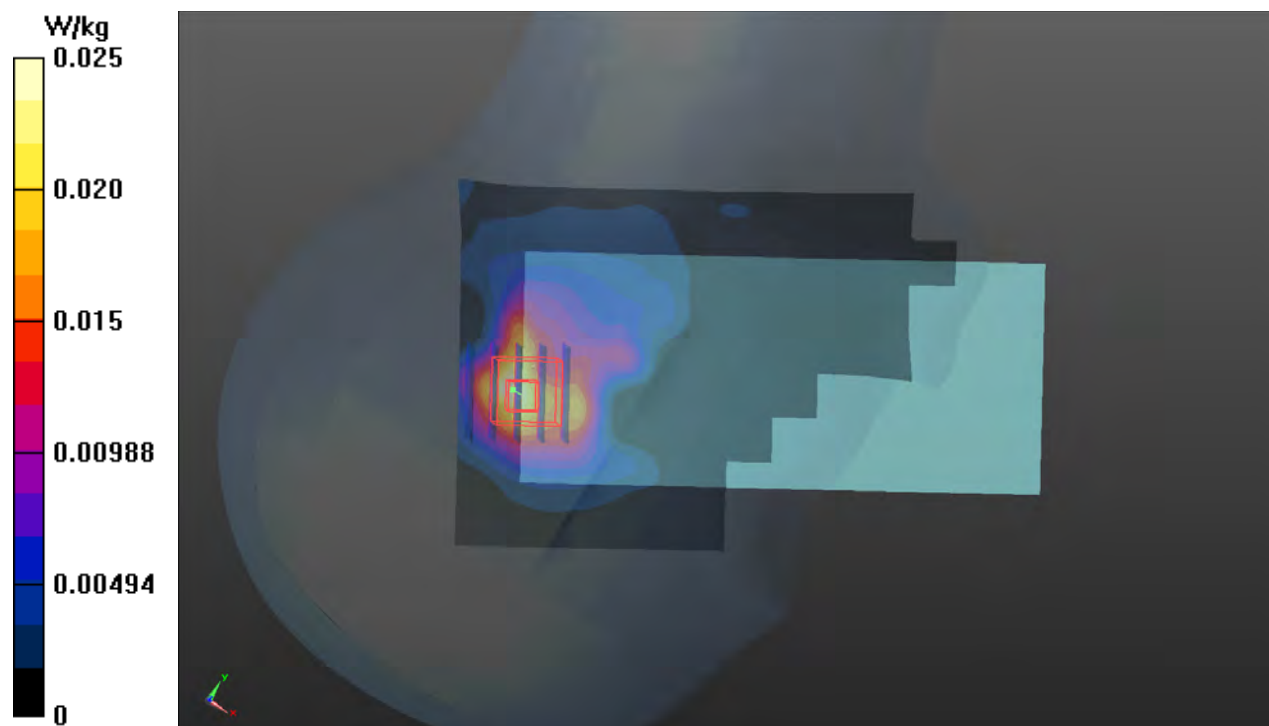
Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 839 MHz; Duty Cycle: 1:3.56
Medium: H07T10N1_0203 Medium parameters used: $f = 839$ MHz; $\sigma = 0.932$ S/m; $\epsilon_r = 41.878$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(10.11, 10.11, 10.11) @ 839 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0247 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.771 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.0320 W/kg
SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00901 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 50.3%
Maximum value of SAR (measured) = 0.0249 W/kg



P89 5GNR-n30_DFT-S QPSK10M_Left Cheek_Ch462000_1RB_0S1_Ant 1

DUT: BFLF-WTW-P20120540

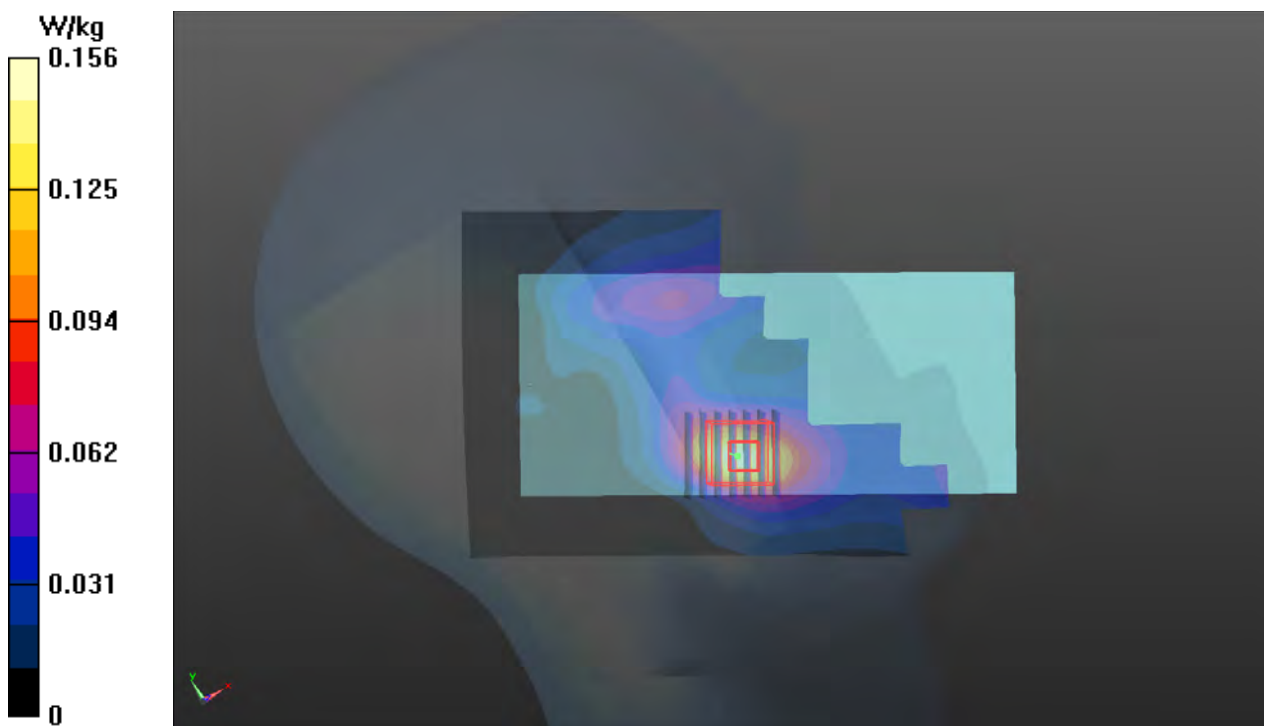
Communication System: UID 10929 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz); Frequency: 2310 MHz; Duty Cycle: 1:3.56
Medium: H19T27N1_0131 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.739$ S/m; $\epsilon_r = 38.833$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.94, 7.94, 7.94) @ 2310 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.20 mm
Maximum value of SAR (interpolated) = 0.156 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.550 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.156 W/kg
SAR(1 g) = 0.090 W/kg; SAR(10 g) = 0.053 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 11 mm
Ratio of SAR at M2 to SAR at M1 = 61.4%
Maximum value of SAR (measured) = 0.131 W/kg



P90 5GNR-n30_DFT-S QPSK10M_Right Cheek_Ch462000_1RB_0S1_Ant 2

DUT: BFLF-WTW-P20120540

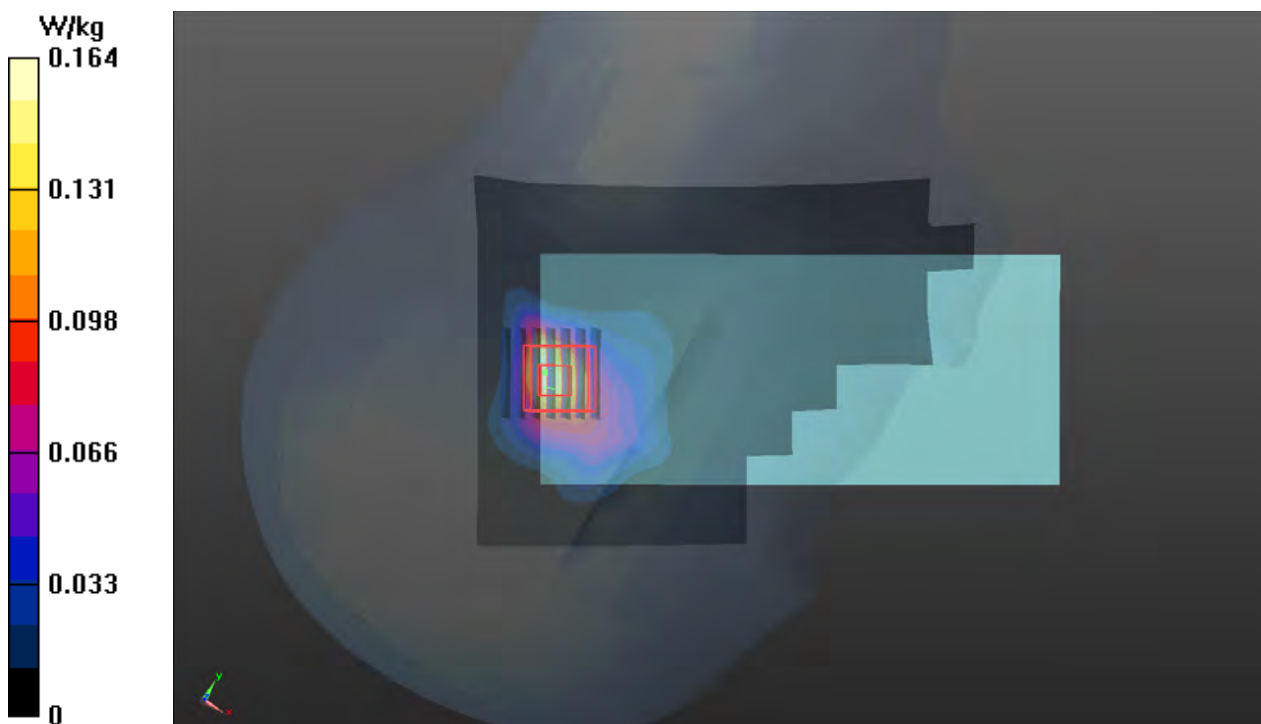
Communication System: UID 10929 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz); Frequency: 2310 MHz; Duty Cycle: 1:3.56
Medium: H19T27N1_0203 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.731$ S/m; $\epsilon_r = 39.88$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.94, 7.94, 7.94) @ 2310 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.164 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.619 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.248 W/kg
SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.053 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 47.7%
Maximum value of SAR (measured) = 0.190 W/kg



P91 5GNR-n30_DFT-S QPSK10M_Right Cheek_Ch462000_1RB_0S1_Ant 8

DUT: BFLF-WTW-P20120540

Communication System: UID 10929 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz); Frequency: 2310 MHz; Duty Cycle: 1:3.56
 Medium: H19T27N1_0203 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.731$ S/m; $\epsilon_r = 39.88$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.94, 7.94, 7.94) @ 2310 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 0.176 W/kg

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

Reference Value = 9.410 V/m; Power Drift = 0.17 dB

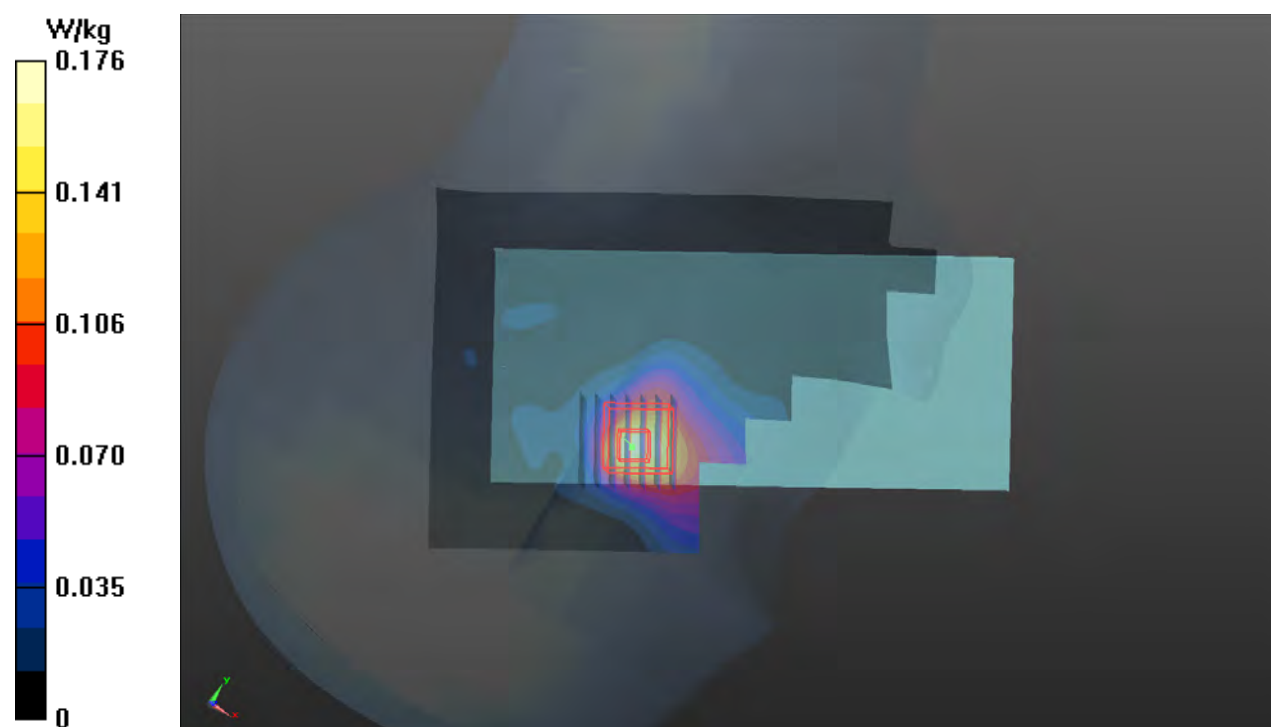
Peak SAR (extrapolated) = 0.186 W/kg

SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.067 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9.9 mm

Ratio of SAR at M2 to SAR at M1 = 66.5%

Maximum value of SAR (measured) = 0.160 W/kg



P930 5GNR-n38_DFT-S QPSK40M_Right Cheek_Ch518000_1RB_OS1_Ant 9_w_RCV

DUT: BFLF-WTW-P20120540

Communication System: UID 10903 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz); Frequency: 2590 MHz; Duty Cycle: 1:3.69

Medium: H19T27N3_0305 Medium parameters used: $f = 2590$ MHz; $\sigma = 2.043$ S/m; $\epsilon_r = 39.089$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.21, 7.21, 7.21) @ 2590 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2020/06/22
- Phantom: Twin SAM Phantom_1653; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.48 W/kg

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

Reference Value = 23.62 V/m; Power Drift = 0.14 dB

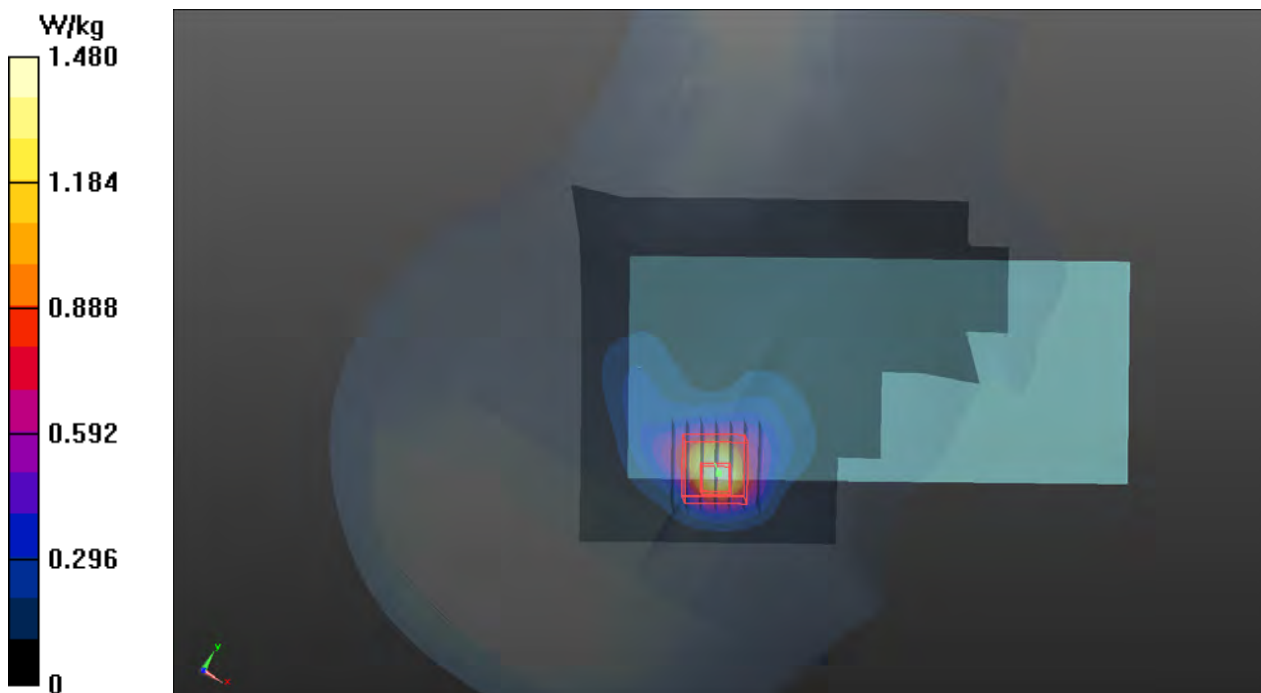
Peak SAR (extrapolated) = 3.05 W/kg

SAR(1 g) = 0.973 W/kg; SAR(10 g) = 0.428 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 5.2 mm

Ratio of SAR at M2 to SAR at M1 = 35%

Maximum value of SAR (measured) = 2.17 W/kg



P93 5GNR-n38_DFT-S QPSK40M_Left Cheek_Ch519000_1RB_0S1_Ant 1

DUT: BFLF-WTW-P20120540

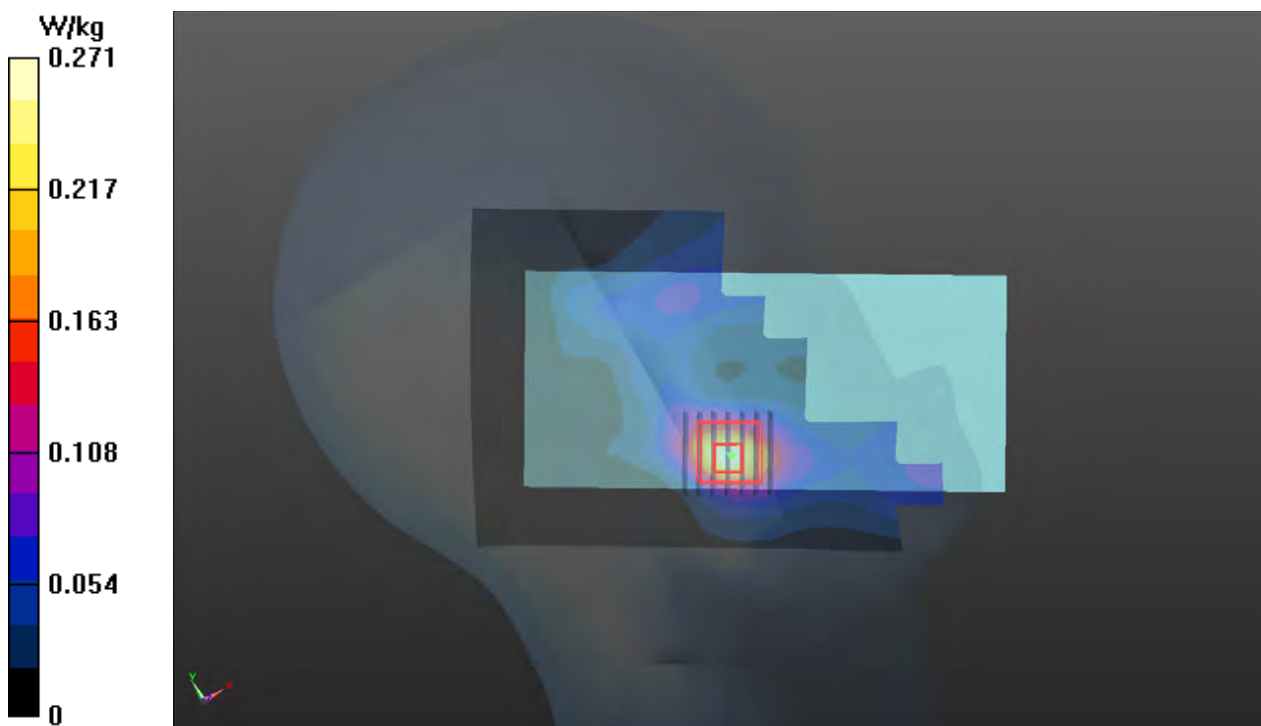
Communication System: UID 10903 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz); Frequency: 2590 MHz; Duty Cycle: 1:3.69
Medium: H19T27N1_0131 Medium parameters used: $f = 2590$ MHz; $\sigma = 2.033$ S/m; $\epsilon_r = 37.874$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.53, 7.53, 7.53) @ 2590 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.271 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.99 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.283 W/kg
SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.083 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 9.1 mm
Ratio of SAR at M2 to SAR at M1 = 58.9%
Maximum value of SAR (measured) = 0.225 W/kg



P94 5GNR-n38_DFT-S QPSK40M_Left Tilted_Ch518000_1RB_0S1_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10903 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz);
 Frequency: 2590 MHz; Duty Cycle: 1:3.69

Medium: H19T27N1_0202 Medium parameters used: $f = 2590$ MHz; $\sigma = 2.002$ S/m; $\epsilon_r = 38.295$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(7.18, 7.18, 7.18) @ 2590 MHz; Calibrated: 2020/05/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2020/03/18
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.05 W/kg

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

Reference Value = 17.91 V/m; Power Drift = -0.09 dB

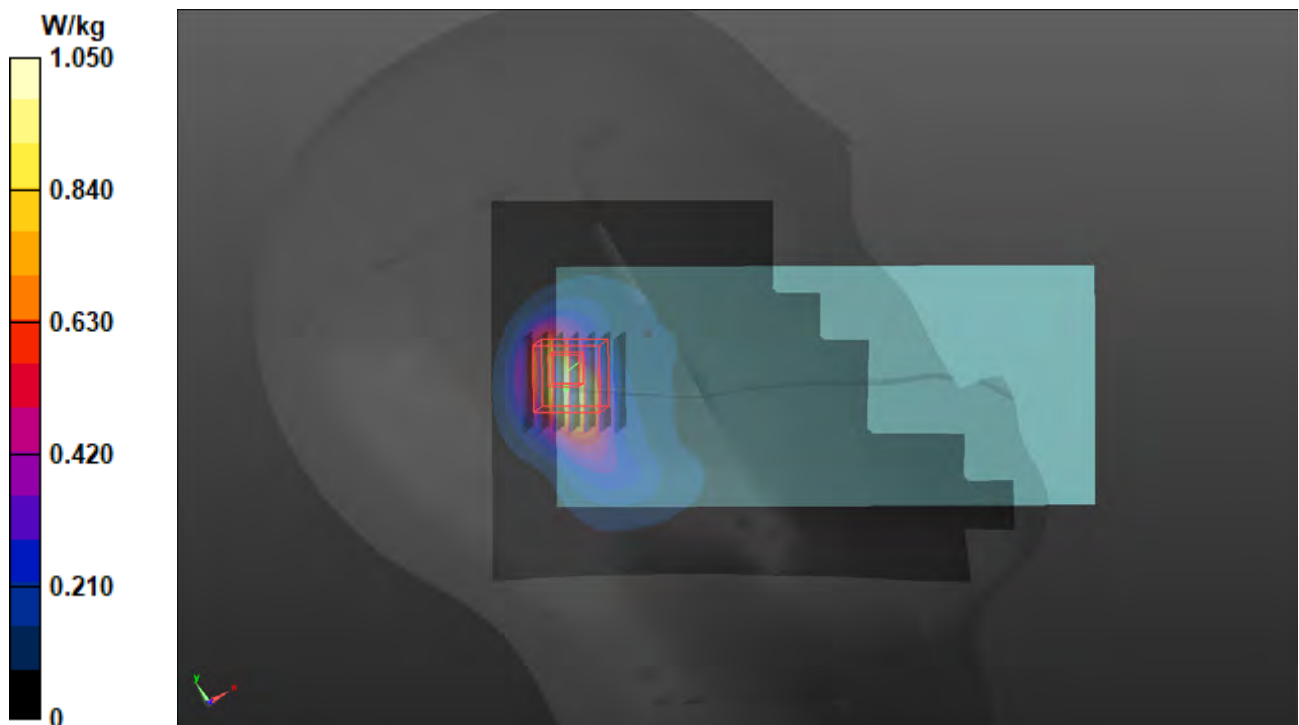
Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.686 W/kg; SAR(10 g) = 0.357 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 48.9%

Maximum value of SAR (measured) = 1.26 W/kg



P95 5GNR-n38_DFT-S QPSK40M_Left Cheek_Ch520000_1RB_0S1_Ant 8

DUT: BFLF-WTW-P20120540

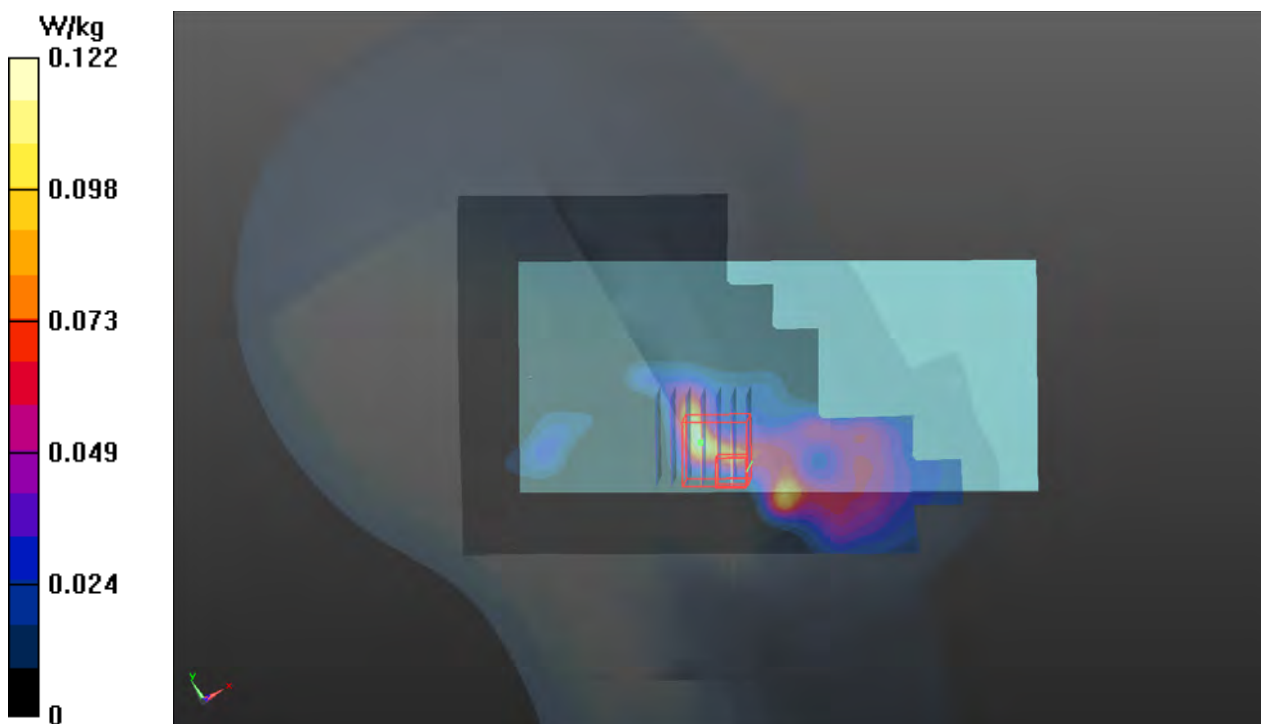
Communication System: UID 10903 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz); Frequency: 2600 MHz; Duty Cycle: 1:3.7
Medium: H19T27N1_0202 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.034$ S/m; $\epsilon_r = 38.245$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.53, 7.53, 7.53) @ 2600 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.122 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.941 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.240 W/kg
SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.064 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 13.7 mm
Ratio of SAR at M2 to SAR at M1 = 58.4%
Maximum value of SAR (measured) = 0.196 W/kg



P932 5GNR-n41_DFT-S QPSK100M_Right Cheek_Ch518598_1RB_OS1_Ant 9_w_RCV

DUT: BFLF-WTW-P20120540

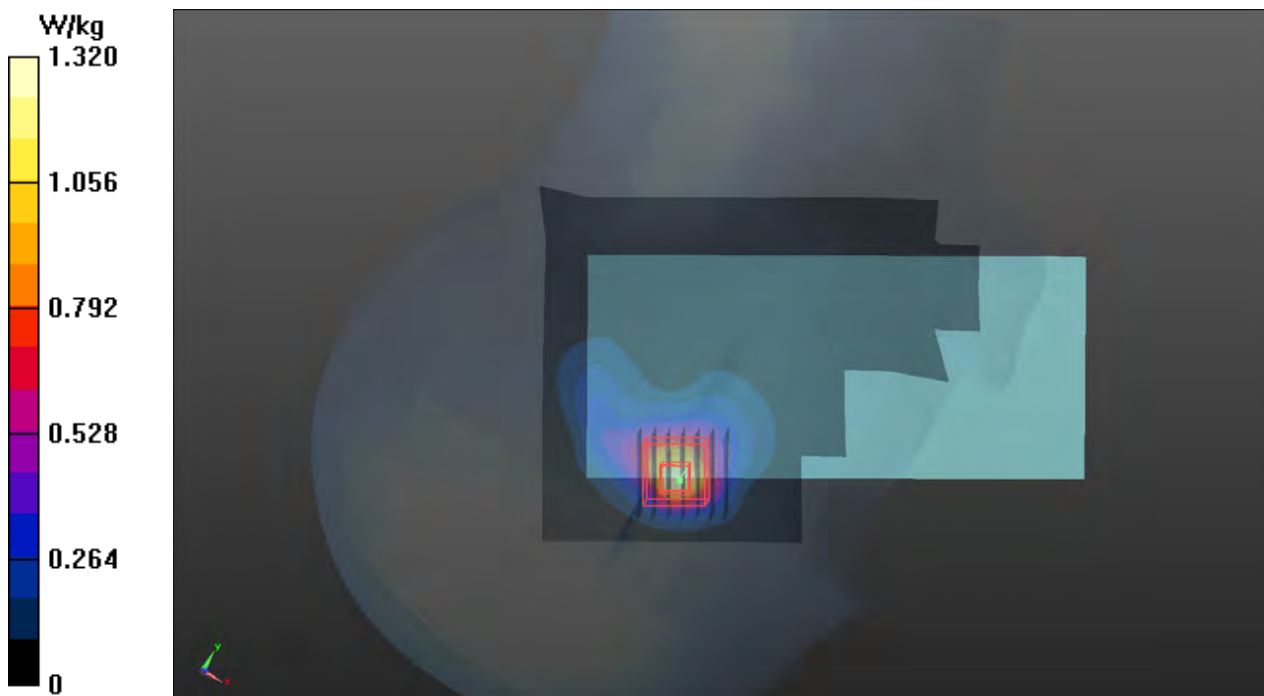
Communication System: UID 10973 - AAA, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2592.99 MHz; Duty Cycle: 1:8.05
Medium: H19T27N3_0305 Medium parameters used: $f = 2592.99$ MHz; $\sigma = 2.046$ S/m; $\epsilon_r = 39.079$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.21, 7.21, 7.21) @ 2592.99 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2020/06/22
- Phantom: Twin SAM Phantom_1653; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.32 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.21 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 2.63 W/kg
SAR(1 g) = 0.936 W/kg; SAR(10 g) = 0.381 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 5.8 mm
Ratio of SAR at M2 to SAR at M1 = 37.2%
Maximum value of SAR (measured) = 1.97 W/kg



P99 5GNR-n41_DFT-S QPSK100M_Left Cheek_Ch509202_1RB_0S1_Ant 1

DUT: BFLF-WTW-P20120540

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2546.01 MHz; Duty Cycle: 1:3.7

Medium: H19T27N1_0131 Medium parameters used (interpolated): $f = 2546.01$ MHz; $\sigma = 1.984$

S/m; $\epsilon_r = 38.017$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.53, 7.53, 7.53) @ 2546.01 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

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

Reference Value = 11.04 V/m; Power Drift = 0.06 dB

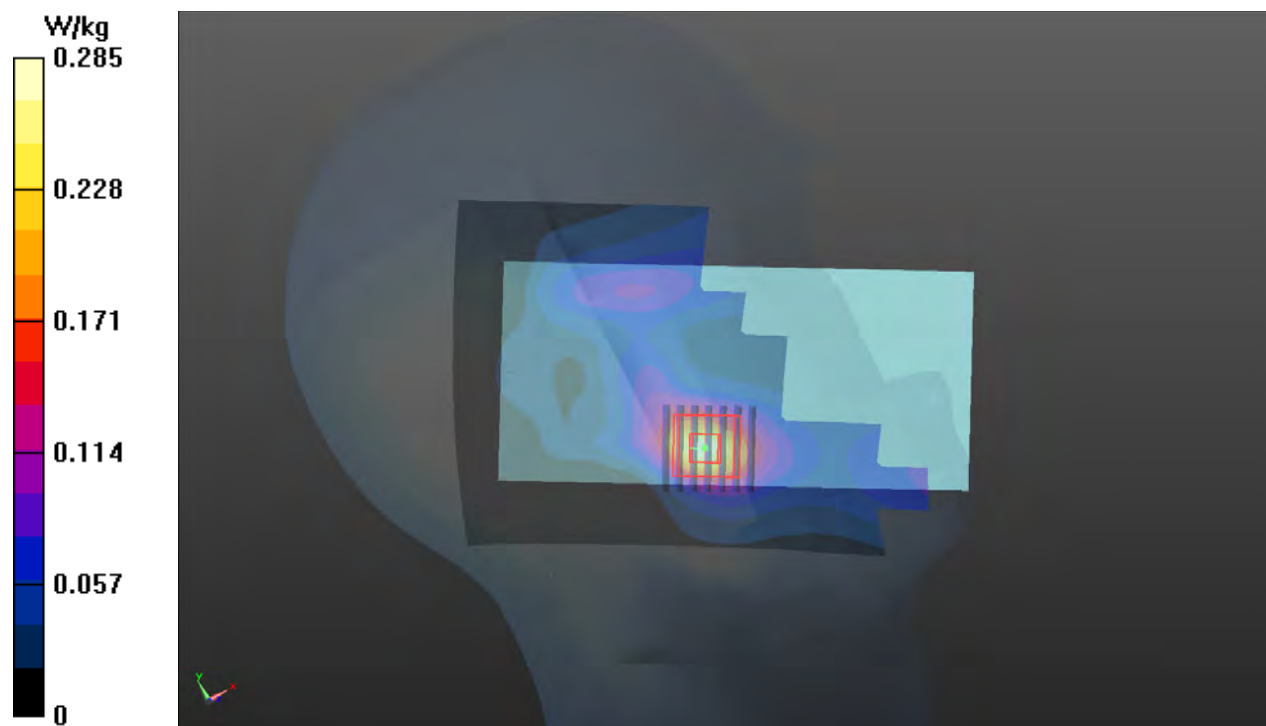
Peak SAR (extrapolated) = 0.293 W/kg

SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.091 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 10.8 mm

Ratio of SAR at M2 to SAR at M1 = 56.3%

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



P100 5G NR-n41_DFT-S QPSK100M_Left Tilted_Ch513900_1RB_0S1_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2569.5 MHz; Duty Cycle: 1:3.69

Medium: H19T27N1_0202 Medium parameters used: $f = 2570$ MHz; $\sigma = 1.981$ S/m; $\epsilon_r = 38.373$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(7.18, 7.18, 7.18) @ 2569.5 MHz; Calibrated: 2020/05/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2020/03/18
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.915 W/kg

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

Reference Value = 19.80 V/m; Power Drift = -0.09 dB

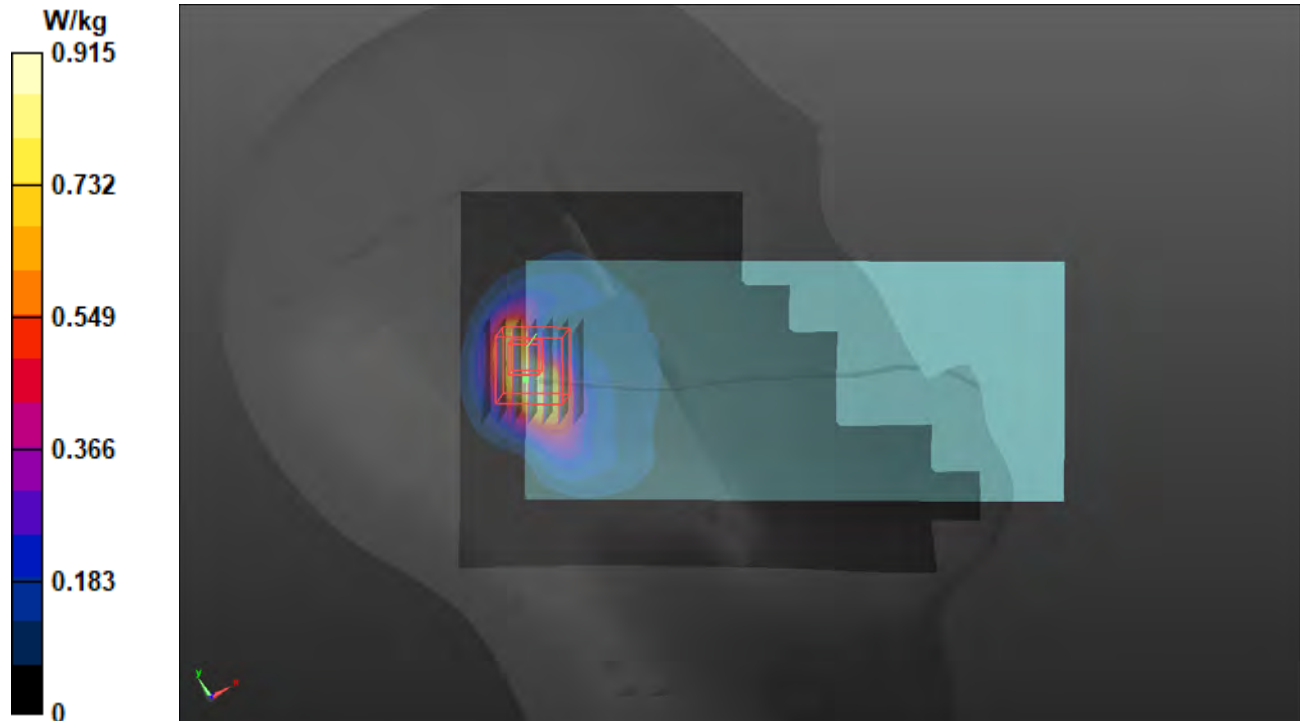
Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.602 W/kg; SAR(10 g) = 0.302 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 5.9 mm

Ratio of SAR at M2 to SAR at M1 = 46.4%

Maximum value of SAR (measured) = 1.12 W/kg



P101 5G NR-n41_DFT-S QPSK100M_Left Cheek_Ch513900_1RB_0S1_Ant 8

DUT: BFLF-WTW-P20120540

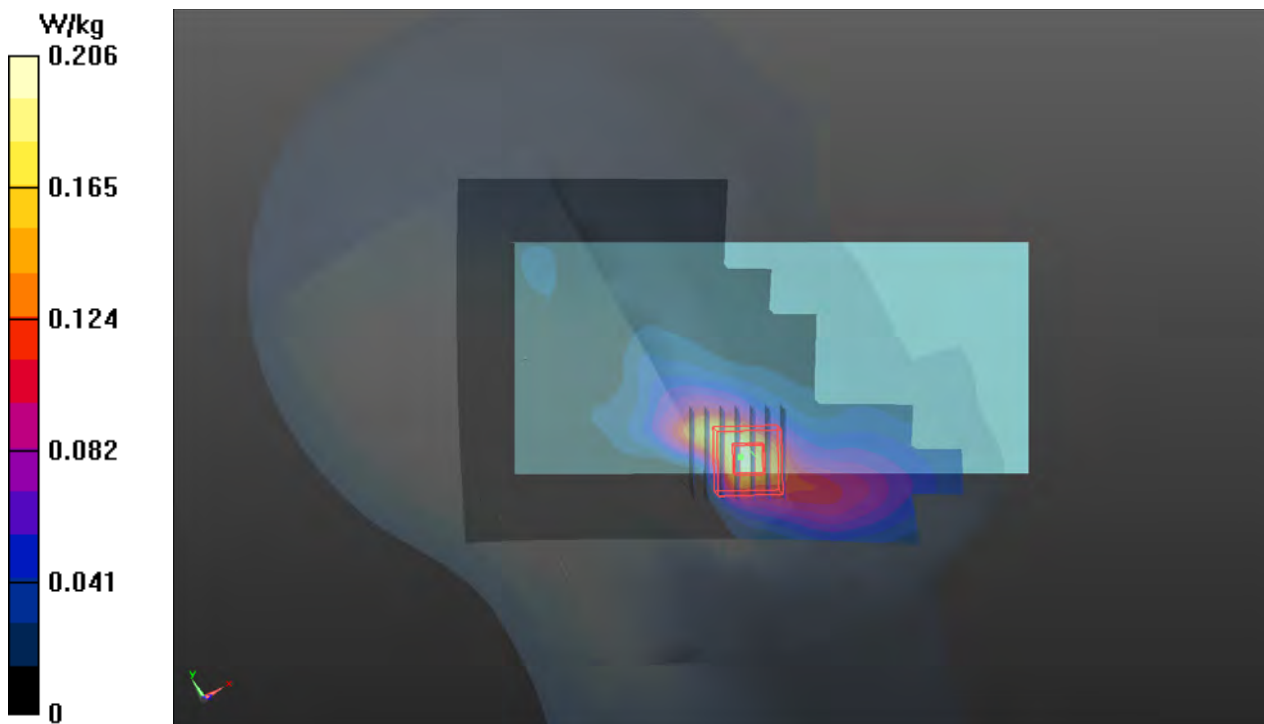
Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2569.5 MHz; Duty Cycle: 1:3.7
Medium: H19T27N1_0202 Medium parameters used: $f = 2570$ MHz; $\sigma = 2.004$ S/m; $\epsilon_r = 38.306$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.53, 7.53, 7.53) @ 2569.5 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.206 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.021 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.178 W/kg
SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.056 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 11 mm
Ratio of SAR at M2 to SAR at M1 = 54.8%
Maximum value of SAR (measured) = 0.146 W/kg



P107 5G NR-n66_DFT-S QPSK30M_Right Cheek_Ch353000_1RB_0S1_Ant 1

DUT: BFLF-WTW-P20120540

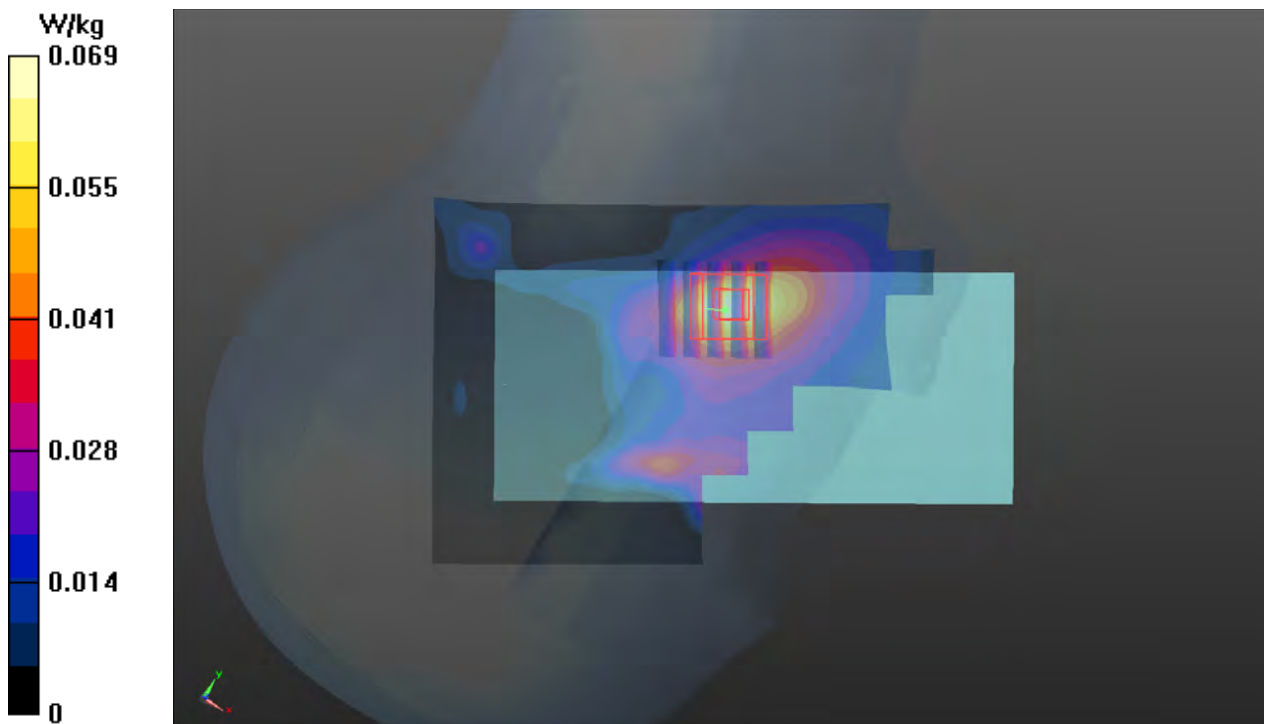
Communication System: UID 10933 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz); Frequency: 1765 MHz; Duty Cycle: 1:3.56
Medium: H16T20N1_0124 Medium parameters used (interpolated): $f = 1765$ MHz; $\sigma = 1.333$ S/m; $\epsilon_r = 39.055$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(8.74, 8.74, 8.74) @ 1765 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0690 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.183 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.0750 W/kg
SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.035 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 72.4%
Maximum value of SAR (measured) = 0.0642 W/kg



P108 5G NR-n66_DFT-S QPSK30M_Left Tilted_Ch349000_1RB_0S1_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10933 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz); Frequency: 1745 MHz; Duty Cycle: 1:3.56
Medium: H16T20N1_0202 Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.315$ S/m; $\epsilon_r = 40.253$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.8 °C; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.54, 8.54, 8.54) @ 1745 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2020/05/27
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.01 W/kg

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

Reference Value = 28.40 V/m; Power Drift = -0.09 dB

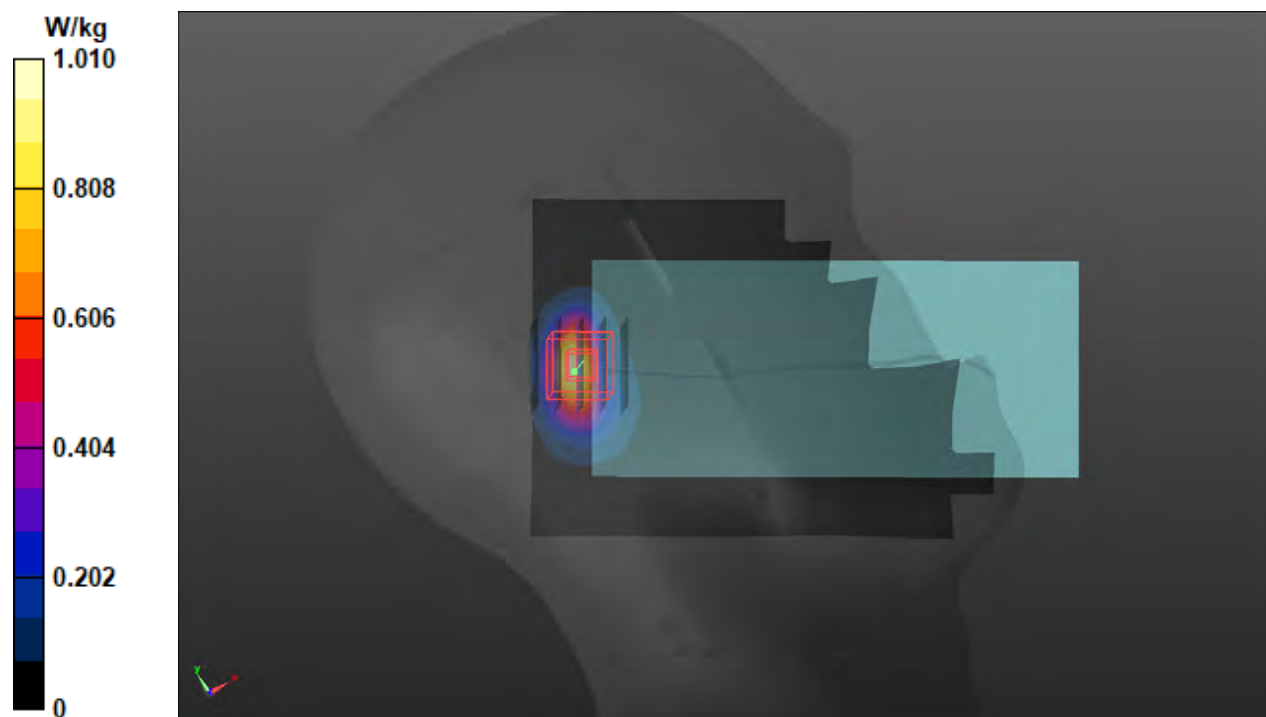
Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.681 W/kg; SAR(10 g) = 0.323 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 58%

Maximum value of SAR (measured) = 0.949 W/kg



P109 5G NR-n66_DFT-S_QPSK30M_Left Cheek_Ch345000_1RB_OS1_Ant 8

DUT: BFLF-WTW-P20120540

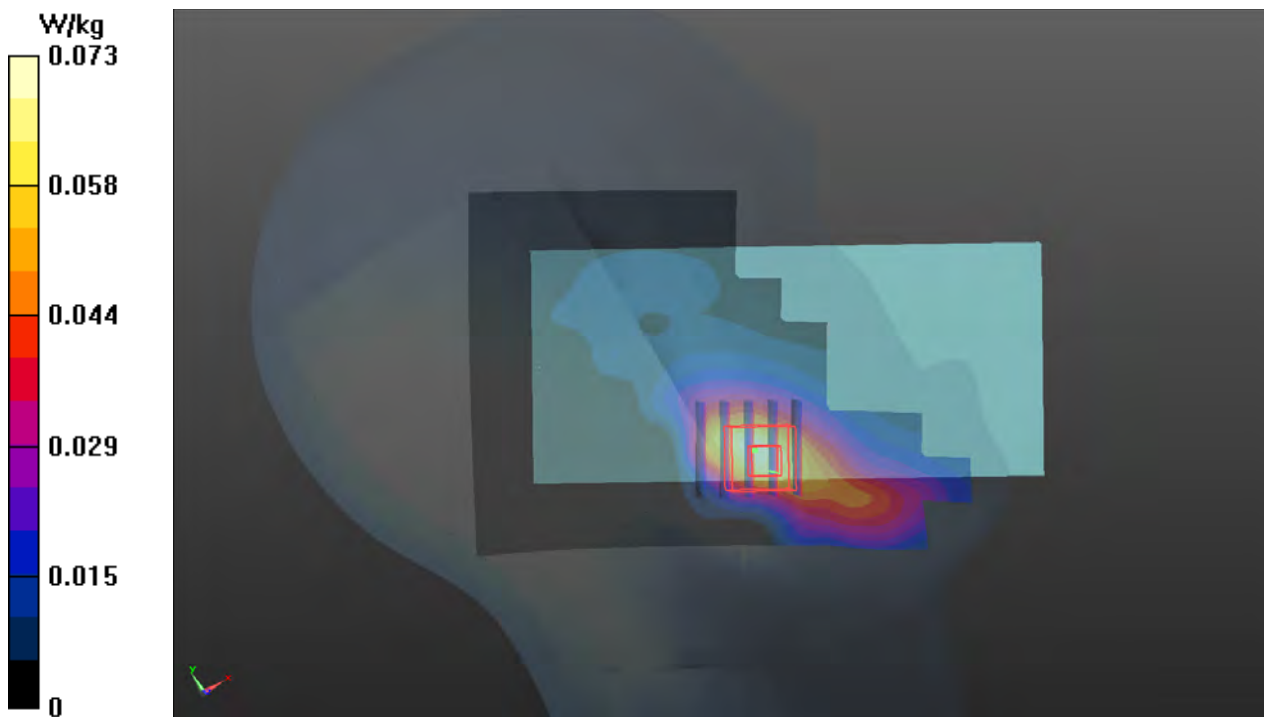
Communication System: UID 10933 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz); Frequency: 1725 MHz; Duty Cycle: 1:3.56
Medium: H16T20N1_0127 Medium parameters used (interpolated): $f = 1725$ MHz; $\sigma = 1.309$ S/m; $\epsilon_r = 39.654$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(8.74, 8.74, 8.74) @ 1725 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0726 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.895 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.0670 W/kg
SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.029 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 66.5%
Maximum value of SAR (measured) = 0.0571 W/kg



P935 5GNR-n66_DFT-S QPSK40M_Right Cheek_Ch352000_1RB_OS1_Ant 9_w_RCV

DUT: BFLF-WTW-P20120540

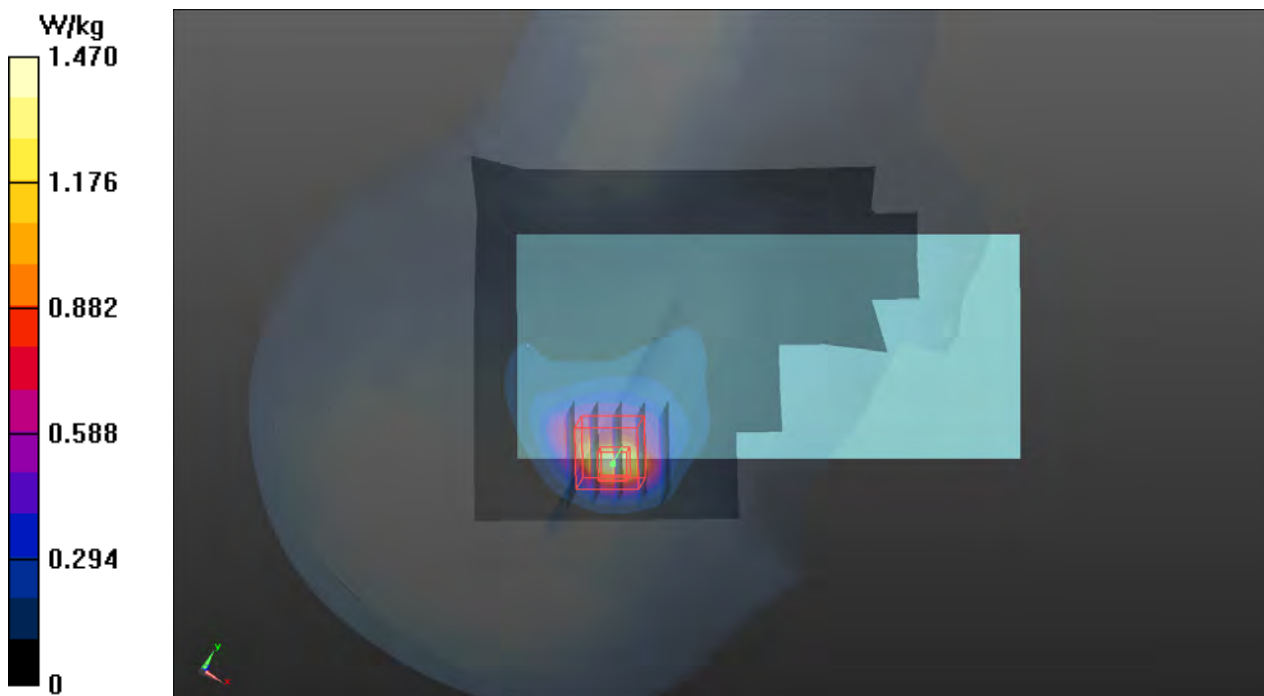
Communication System: UID 10934 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1760 MHz; Duty Cycle: 1:3.56
Medium: H16T20N1_0304 Medium parameters used (interpolated): $f = 1760$ MHz; $\sigma = 1.338$ S/m; $\epsilon_r = 39.932$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(8.24, 8.24, 8.24) @ 1765 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2020/06/22
- Phantom: Twin SAM Phantom_1653; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.47 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.03 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 2.22 W/kg
SAR(1 g) = 0.934 W/kg; SAR(10 g) = 0.429 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.4 mm
Ratio of SAR at M2 to SAR at M1 = 42.3%
Maximum value of SAR (measured) = 1.82 W/kg



P111 5G NR-n71_DFT-S QPSK20M_Right Cheek_Ch136100_1RB_0S1_Ant 0

DUT: BFLF-WTW-P20120540

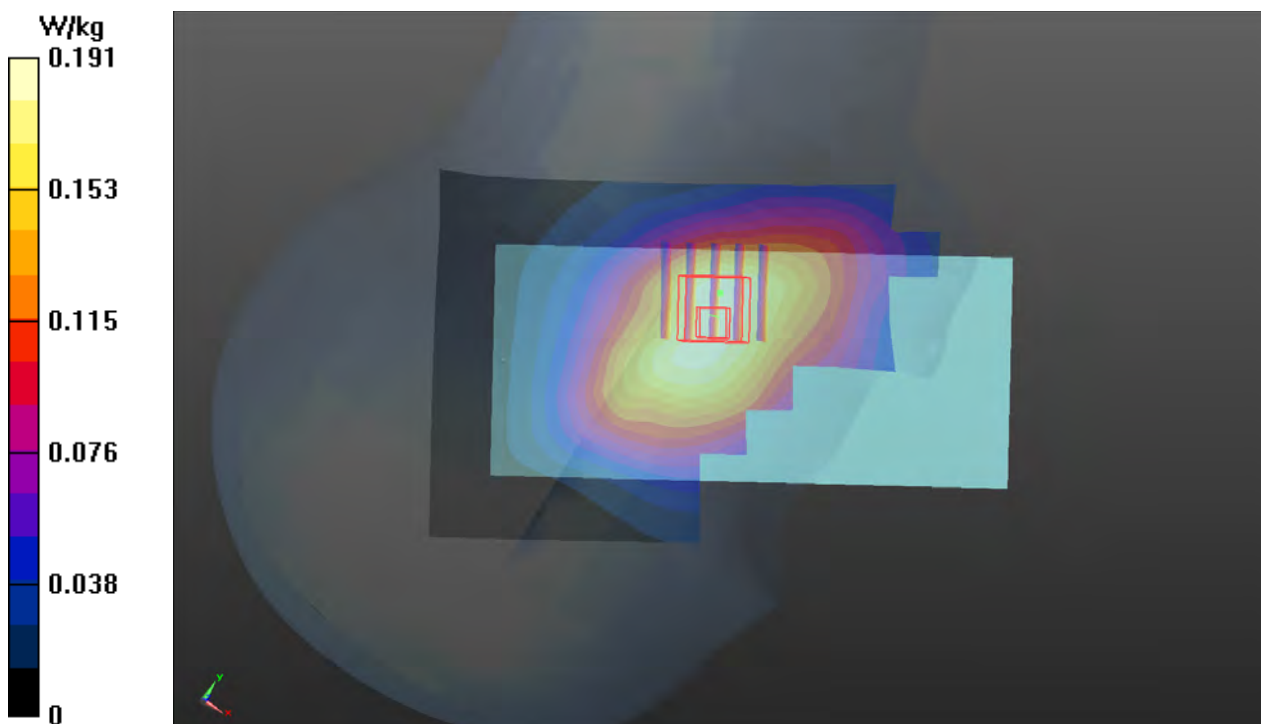
Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 680.5 MHz; Duty Cycle: 1:3.56
Medium: H06T09N1_0124 Medium parameters used (interpolated): $f = 680.5 \text{ MHz}$; $\sigma = 0.875 \text{ S/m}$; $\epsilon_r = 44.051$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(10.54, 10.54, 10.54) @ 680.5 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.191 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 14.84 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.208 W/kg
SAR(1 g) = 0.165 W/kg; SAR(10 g) = 0.129 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 29.2 mm
Ratio of SAR at M2 to SAR at M1 = 78.5%
Maximum value of SAR (measured) = 0.191 W/kg



P112 5G NR-n71_DFT-S QPSK20M_Right Cheek_Ch136100_1RB_0S1_Ant 2

DUT: BFLF-WTW-P20120540

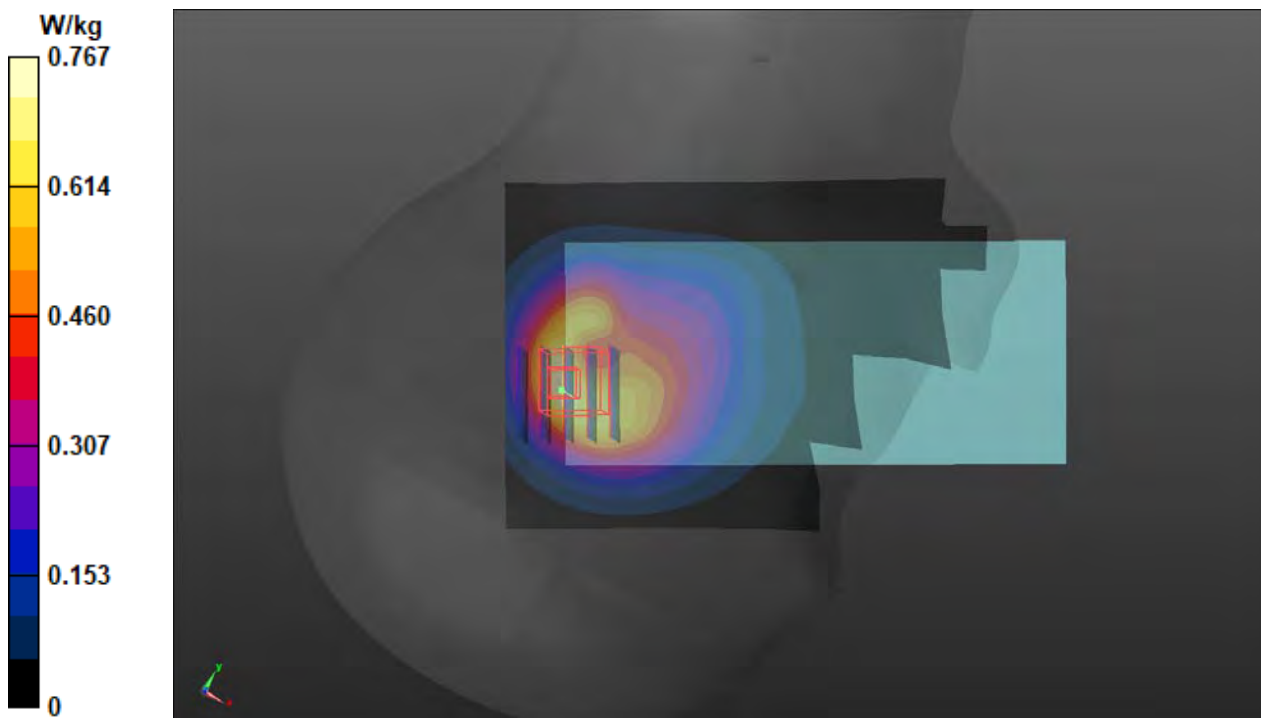
Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 680.5 MHz; Duty Cycle: 1:3.56
Medium: H06T09N1_0202 Medium parameters used (interpolated): $f = 680.5$ MHz; $\sigma = 0.824$ S/m; $\epsilon_r = 43.832$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.8 °C; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.83, 9.83, 9.83) @ 680.5 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2020/05/27
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.767 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.6830 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.594 W/kg; SAR(10 g) = 0.327 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 10.1 mm
Ratio of SAR at M2 to SAR at M1 = 49.7%
Maximum value of SAR (measured) = 0.914 W/kg



P936 5G NR-n77_DFT-S QPSK100M_Left Cheek_Ch659000_1RB_OS1_Ant 11

DUT: BFLF-WTW-P20120540

Communication System: UID 10973 - AAA, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3885 MHz; Duty Cycle: 1:8.05

Medium: H33T42N0_0305 Medium parameters used (interpolated): $f = 3885$ MHz; $\sigma = 3.2$ S/m; $\epsilon_r = 36.424$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(6.14, 6.14, 6.14) @ 3885 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2020/06/22
- Phantom: Twin SAM Phantom_1653; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.940 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm

Reference Value = 16.89 V/m; Power Drift = 0.03 dB

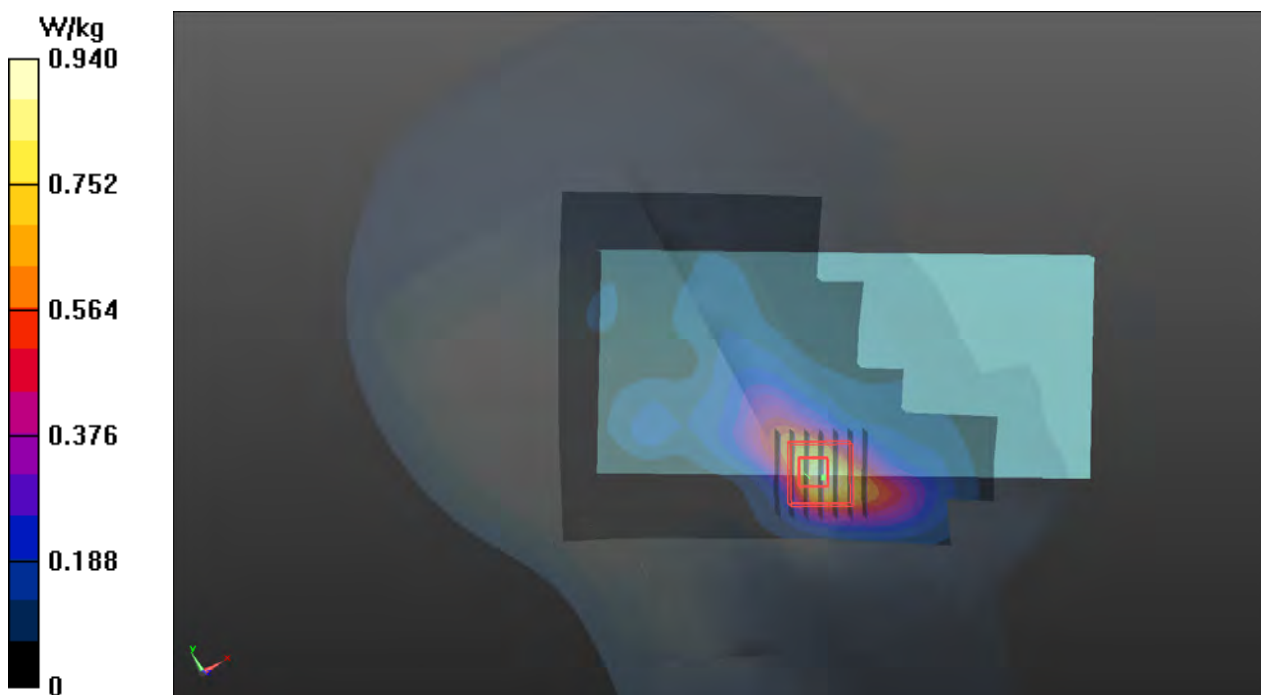
Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.619 W/kg; SAR(10 g) = 0.253 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 65.1%

Maximum value of SAR (measured) = 1.11 W/kg



P937 5G NR-n77_DFT-S QPSK100M_Right Cheek_Ch653000_1RB_OS1_Ant 5

DUT: BFLF-WTW-P20120540

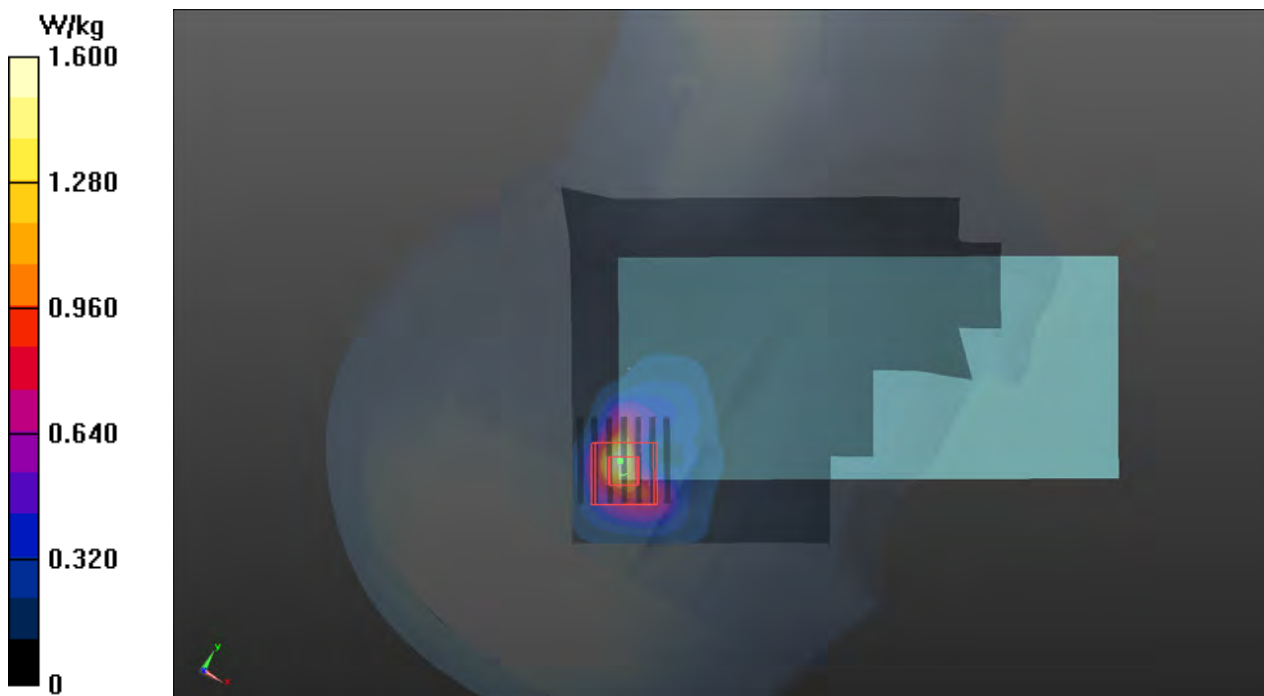
Communication System: UID 10973 - AAA, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3795 MHz; Duty Cycle: 1:8.05
Medium: H33T42N0_0305 Medium parameters used (interpolated): $f = 3795$ MHz; $\sigma = 3.169$ S/m; $\epsilon_r = 36.461$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(6.39, 6.39, 6.39) @ 3795 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2020/06/22
- Phantom: Twin SAM Phantom_1653; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.60 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 21.06 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 2.87 W/kg
SAR(1 g) = 0.842 W/kg; SAR(10 g) = 0.311 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 5.3 mm
Ratio of SAR at M2 to SAR at M1 = 59.4%
Maximum value of SAR (measured) = 1.97 W/kg



P116 5G NR-n77_DFT-S QPSK100M_Right Cheek_Ch659000_1RB_0S1_Ant 10

DUT: BFLF-WTW-P20120540

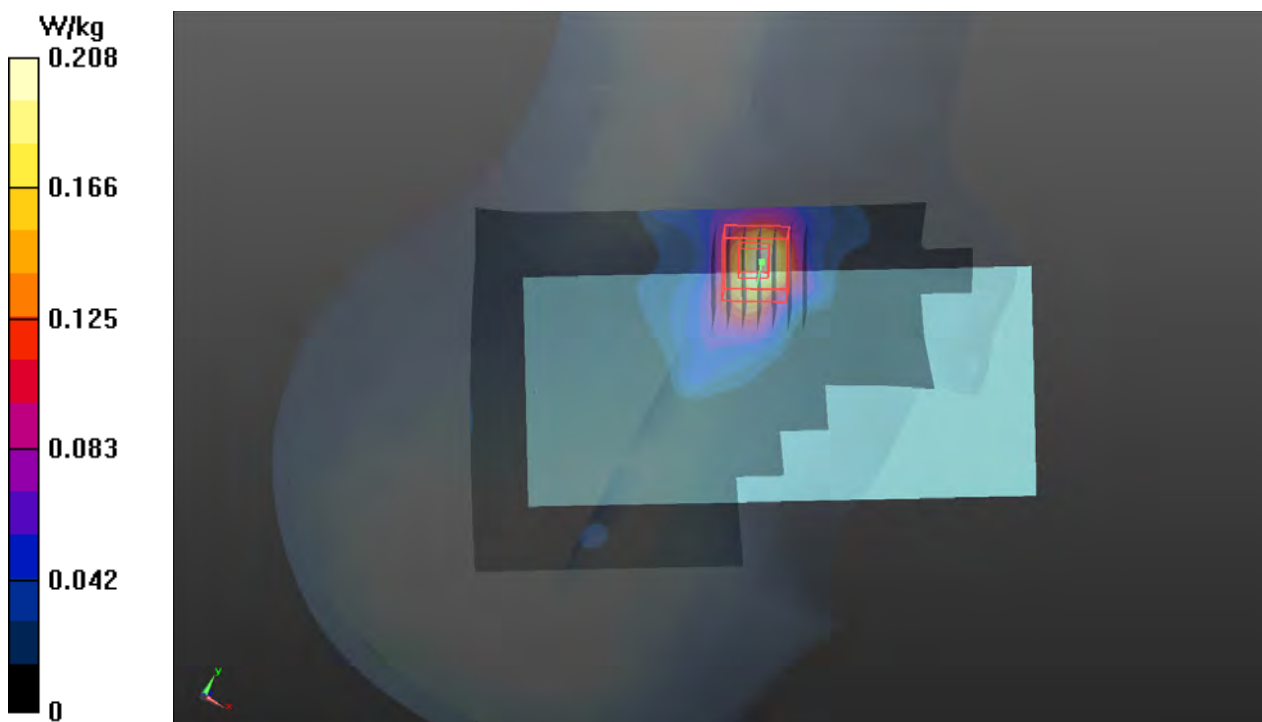
Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3885 MHz; Duty Cycle: 1:3.69
Medium: H33T42N0_0202 Medium parameters used (interpolated): $f = 3885$ MHz; $\sigma = 3.226$ S/m; $\epsilon_r = 36.847$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(6.87, 6.87, 6.87) @ 3885 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.208 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 8.026 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.349 W/kg
SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.061 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.4 mm
Ratio of SAR at M2 to SAR at M1 = 65.9%
Maximum value of SAR (measured) = 0.262 W/kg



P117 5G NR-n78_DFT-S QPSK100M_Left Cheek_Ch650000_1RB_0S1_Ant 11

DUT: BFLF-WTW-P20120540

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3750 MHz; Duty Cycle: 1:3.69

Medium: H33T42N1_0226 Medium parameters used: $f = 3750$ MHz; $\sigma = 3.164$ S/m; $\epsilon_r = 36.833$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(6.66, 6.66, 6.66) @ 3750 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2020/05/27
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.948 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm

Reference Value = 16.70 V/m; Power Drift = -0.15 dB

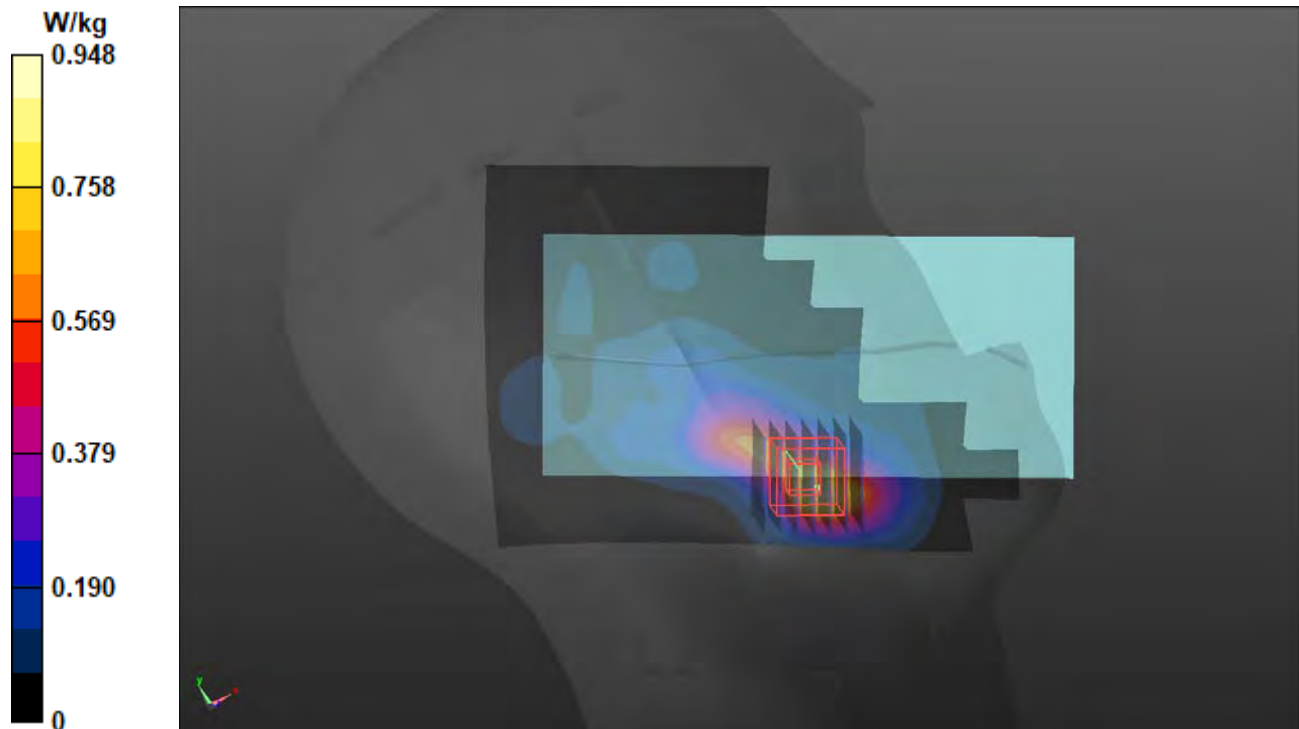
Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.589 W/kg; SAR(10 g) = 0.249 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 62.5%

Maximum value of SAR (measured) = 1.06 W/kg



P118 5G NR-n78_DFT-S QPSK100M_Left Cheek_Ch650000_1RB_0S1_Ant 7

DUT: BFLF-WTW-P20120540

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3750 MHz; Duty Cycle: 1:3.69

Medium: H33T42N1_0226 Medium parameters used: $f = 3750$ MHz; $\sigma = 3.164$ S/m; $\epsilon_r = 36.833$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(6.66, 6.66, 6.66) @ 3750 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2020/05/27
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0678 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm

Reference Value = 3.558 V/m; Power Drift = -0.15 dB

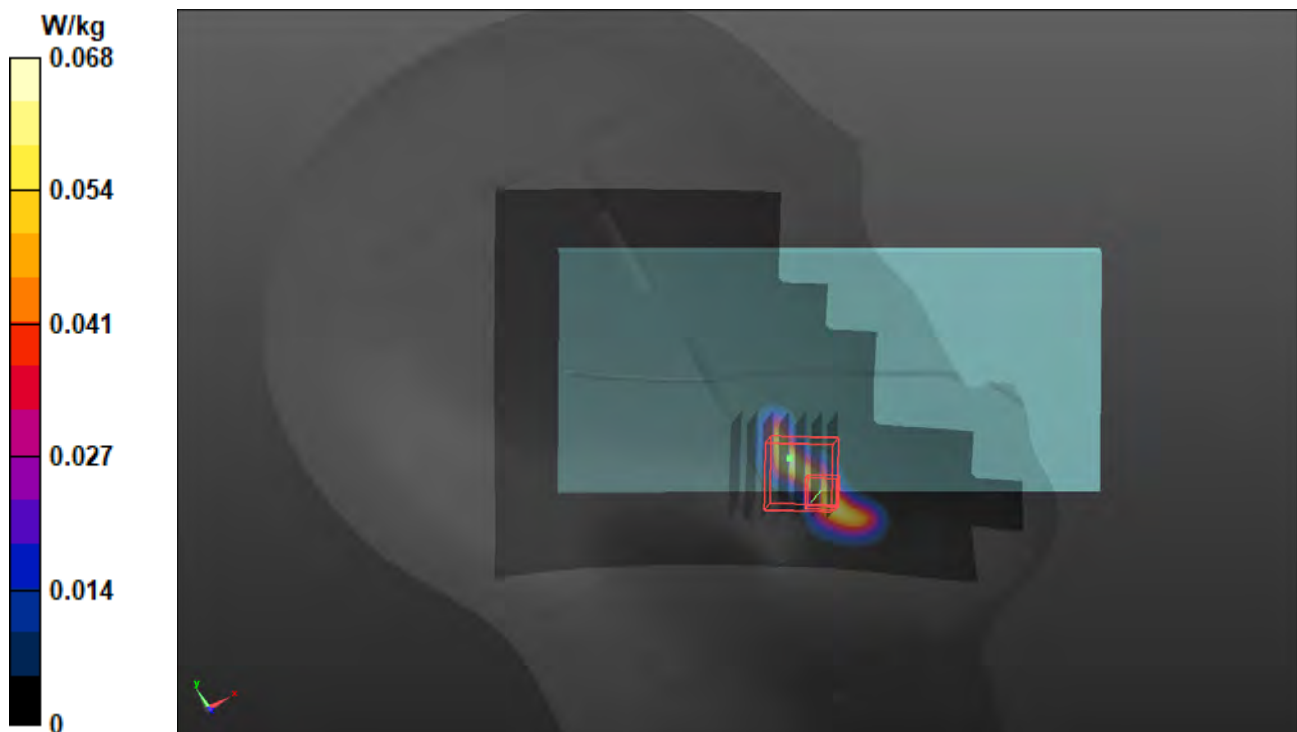
Peak SAR (extrapolated) = 0.0610 W/kg

SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.00549 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 56.4%

Maximum value of SAR (measured) = 0.0423 W/kg



P939 5G NR-n78_DFT-S QPSK100M_Right Cheek_Ch650000_1RB_OS1_Ant 5

DUT: BFLF-WTW-P20120540

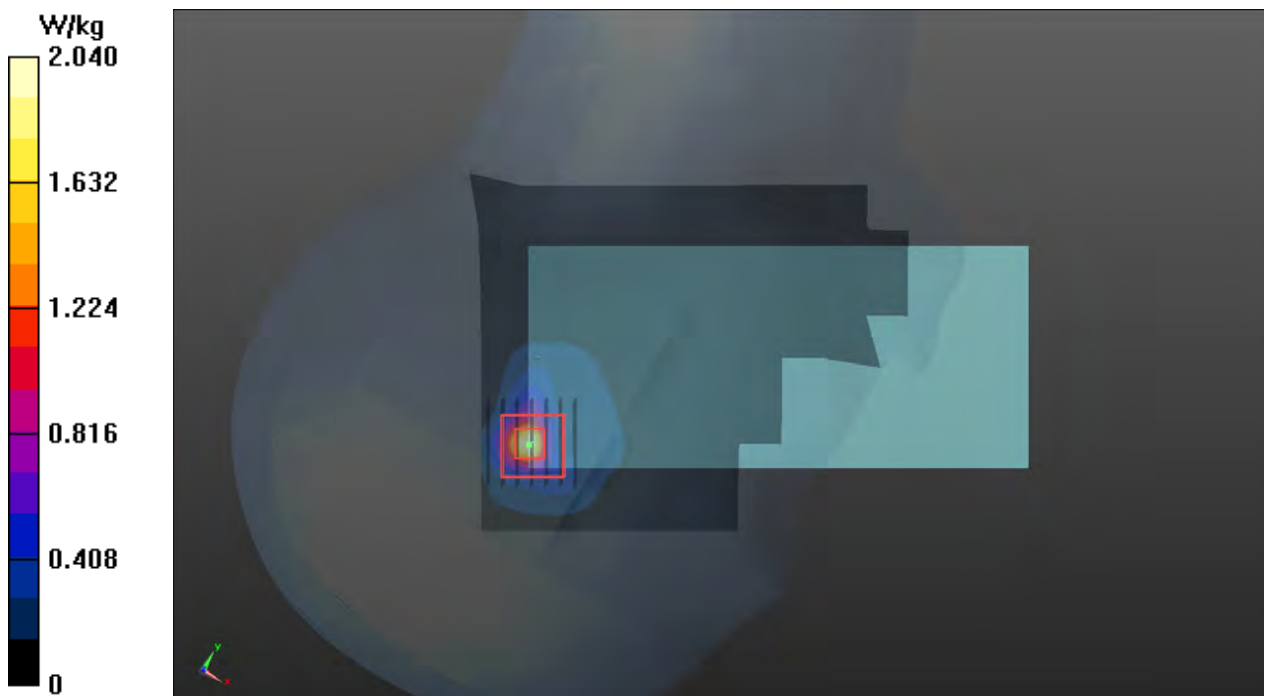
Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3750 MHz; Duty Cycle: 1:3.7
Medium: H33T42N0_0305 Medium parameters used: $f = 3750$ MHz; $\sigma = 3.141$ S/m; $\epsilon_r = 36.42$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(6.39, 6.39, 6.39) @ 3750 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2020/06/22
- Phantom: Twin SAM Phantom_1653; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 2.04 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 26.87 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 2.91 W/kg
SAR(1 g) = 0.933 W/kg; SAR(10 g) = 0.316 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 6.3 mm
Ratio of SAR at M2 to SAR at M1 = 58.9%
Maximum value of SAR (measured) = 2.11 W/kg



P120 5GNR-n78_DFT-S QPSK100M_Right Cheek_Ch650000_1RB_0S1_Ant 10

DUT: BFLF-WTW-P20120540

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3750 MHz; Duty Cycle: 1:3.69

Medium: H33T42N1_0226 Medium parameters used: $f = 3750$ MHz; $\sigma = 3.164$ S/m; $\epsilon_r = 36.833$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(6.66, 6.66, 6.66) @ 3750 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2020/05/27
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.353 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm

Reference Value = 10.64 V/m; Power Drift = -0.04 dB

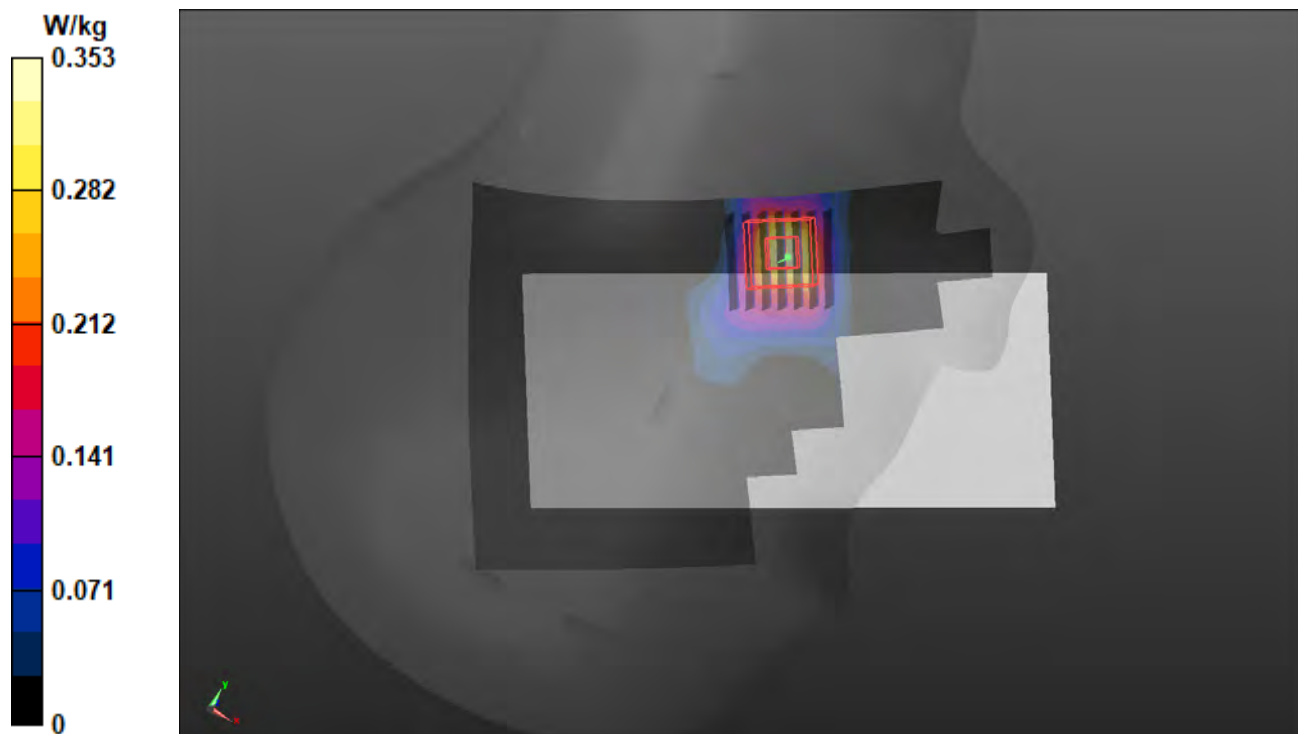
Peak SAR (extrapolated) = 0.434 W/kg

SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.080 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 62.6%

Maximum value of SAR (measured) = 0.328 W/kg



P125a WLAN2.4G_802.11b_Right Cheek_Ch11_Ant 6_SA

DUT: BFLF-WTW-P20120540

Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps);

Frequency: 2462 MHz; Duty Cycle: 1:1.02

Medium: H19T27N1_0310 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.895$ S/m; $\epsilon_r = 39.249$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(7.4, 7.4, 7.4) @ 2462 MHz; Calibrated: 2020/05/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2020/03/18
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 2.09 W/kg

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

Reference Value = 35.14 V/m; Power Drift = -0.10 dB

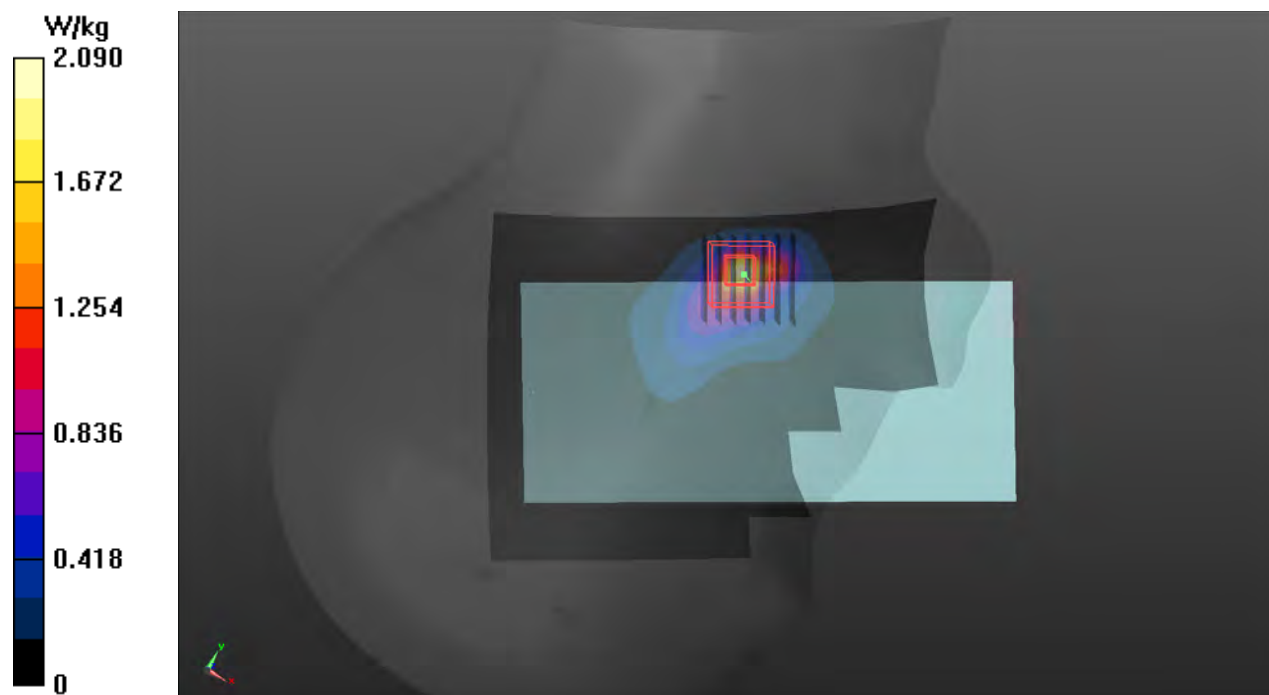
Peak SAR (extrapolated) = 2.58 W/kg

SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.500 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 6.6 mm

Ratio of SAR at M2 to SAR at M1 = 45.6%

Maximum value of SAR (measured) = 1.99 W/kg



P125b WLAN2.4G_802.11b_Right Cheek_Ch1_Ant 6+3_DBS ON

DUT: BFLF-WTW-P20120540

Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps);

Frequency: 2412 MHz; Duty Cycle: 1:1.02

Medium: H19T27N1_0225 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.837$ S/m; $\epsilon_r = 39.232$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(7.4, 7.4, 7.4) @ 2412 MHz; Calibrated: 2020/05/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2020/03/18
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

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

Reference Value = 10.41 V/m; Power Drift = -0.09 dB

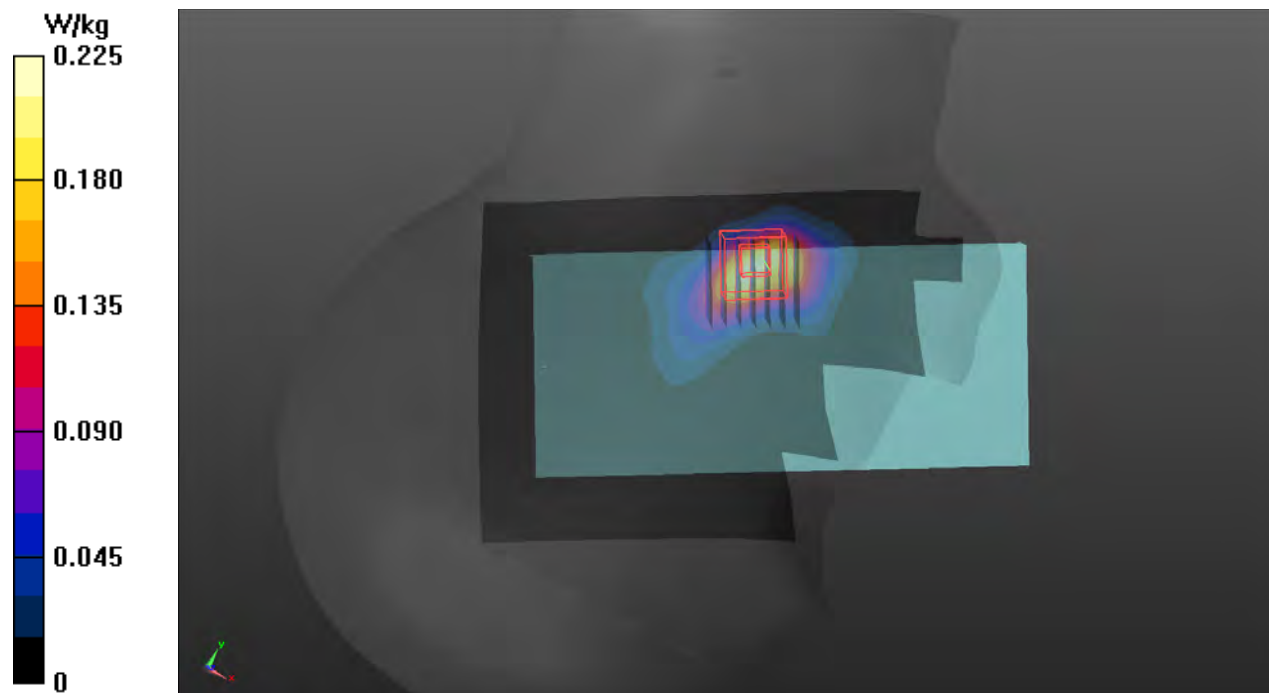
Peak SAR (extrapolated) = 0.367 W/kg

SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.071 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 5.9 mm

Ratio of SAR at M2 to SAR at M1 = 44.5%

Maximum value of SAR (measured) = 0.288 W/kg



P125c WLAN2.4G_802.11b_Right Cheek_Ch1_Ant 6+4_DBS OFF

DUT: BFLF-WTW-P20120540

Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps);

Frequency: 2412 MHz; Duty Cycle: 1:1.02

Medium: H19T27N3_0305 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.843$ S/m; $\epsilon_r = 39.671$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.33, 7.33, 7.33) @ 2412 MHz; Calibrated: 2020/10/22

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn905; Calibrated: 2020/06/22

- Phantom: Twin SAM Phantom_1653; Type: QD000P40CD;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.977 W/kg

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

Reference Value = 24.27 V/m; Power Drift = -0.03 dB

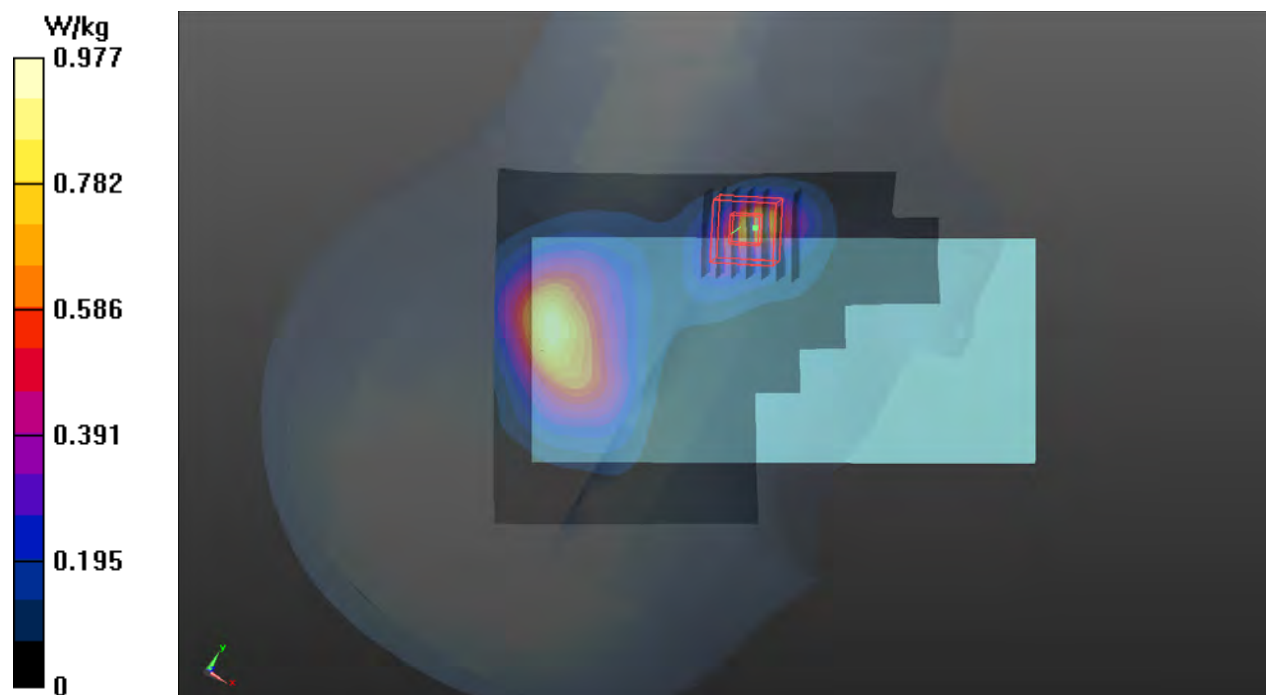
Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.549 W/kg; SAR(10 g) = 0.232 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 6.6 mm

Ratio of SAR at M2 to SAR at M1 = 49.8%

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



P125d WLAN2.4G_802.11b_Left Cheek_Ch1_Ant 4(WLAN Only)

DUT: BFLF-WTW-P20120540

Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps);

Frequency: 2412 MHz; Duty Cycle: 1:1.02

Medium: H19T27N3_0305 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.843$ S/m; $\epsilon_r = 39.671$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.33, 7.33, 7.33) @ 2412 MHz; Calibrated: 2020/10/22

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn905; Calibrated: 2020/06/22

- Phantom: Twin SAM Phantom_1653; Type: QD000P40CD;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

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

Reference Value = 22.36 V/m; Power Drift = -0.02 dB

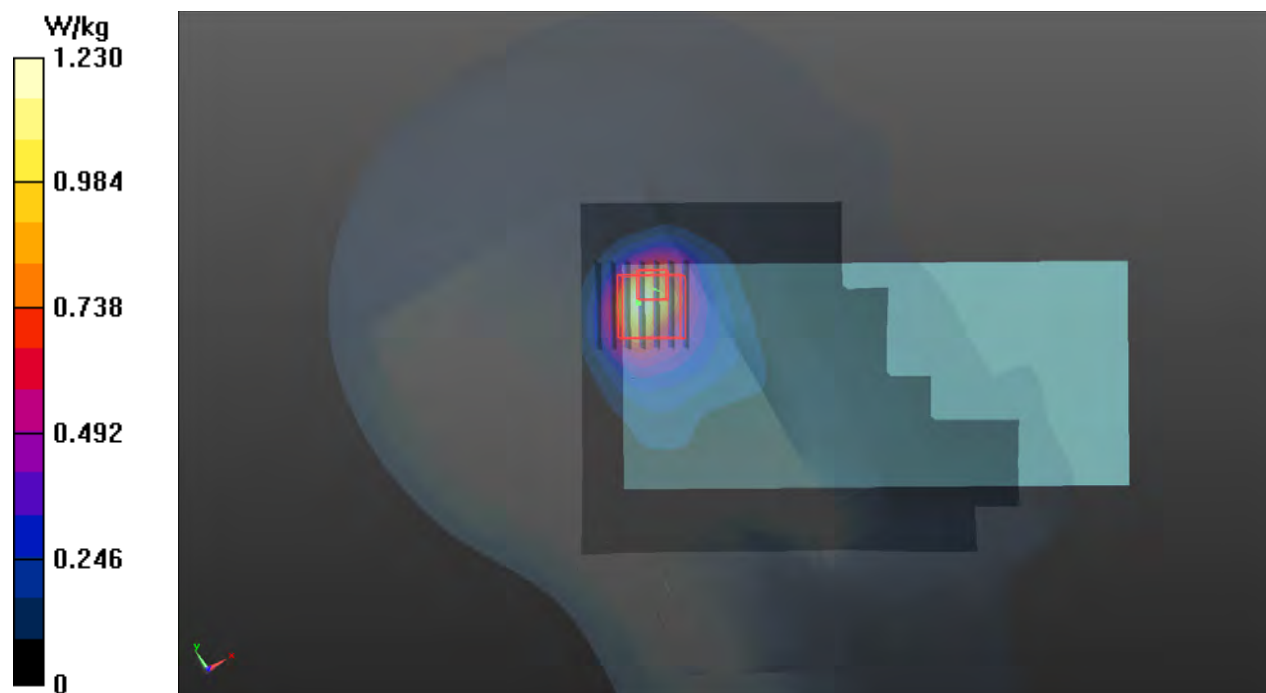
Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.543 W/kg; SAR(10 g) = 0.284 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.8 mm

Ratio of SAR at M2 to SAR at M1 = 51.2%

Maximum value of SAR (measured) = 0.876 W/kg



P126a WLAN5.3G_802.11ac VHT160_Left Cheek_Ch50_Ant 6+4_SA

DUT: BFLF-WTW-P20120540

Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5250 MHz; Duty Cycle: 1:1.02

Medium: H34T60N1_0311 Medium parameters used (interpolated): $f = 5250$ MHz; $\sigma = 4.649$ S/m;

$\epsilon_r = 35.468$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.72, 5.72, 5.72) @ 5250 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.59 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.70 V/m; Power Drift = 0.12 dB

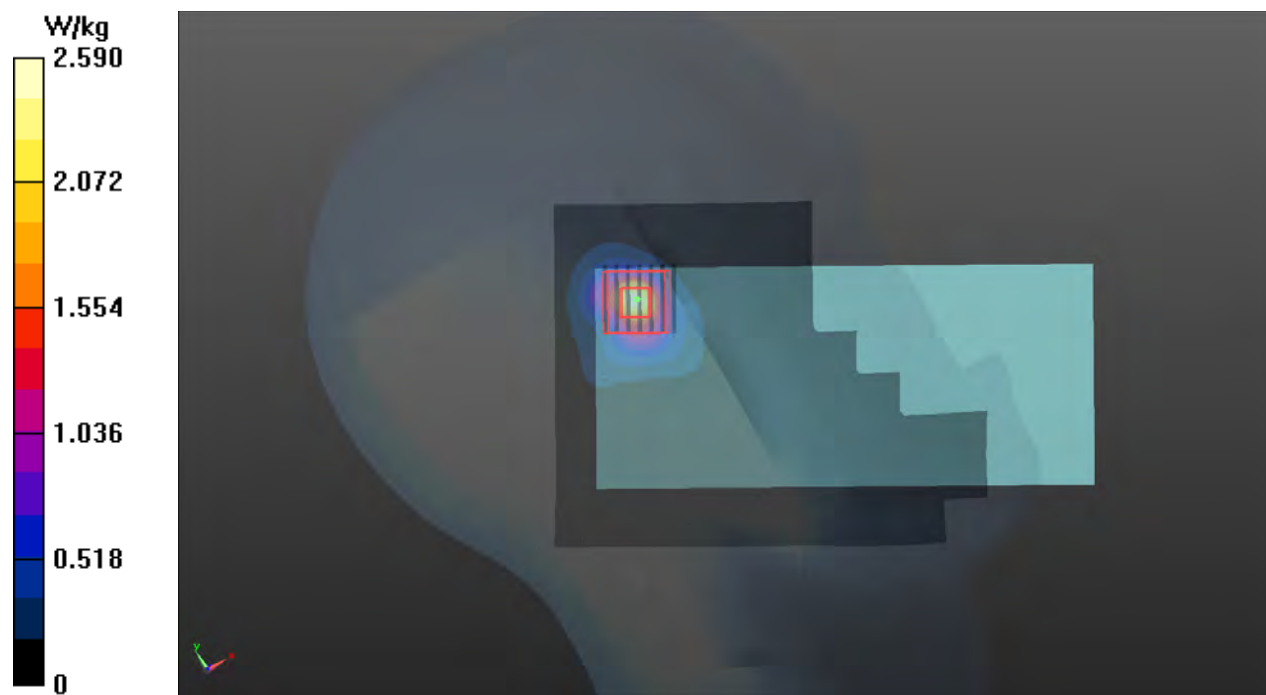
Peak SAR (extrapolated) = 4.03 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.375 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 6.3 mm

Ratio of SAR at M2 to SAR at M1 = 70.9%

Maximum value of SAR (measured) = 2.72 W/kg



P126b WLAN5.3G_802.11ac VHT160_Right Cheek_Ch50_Ant 6+3_DBS ON

DUT: BFLF-WTW-P20120540

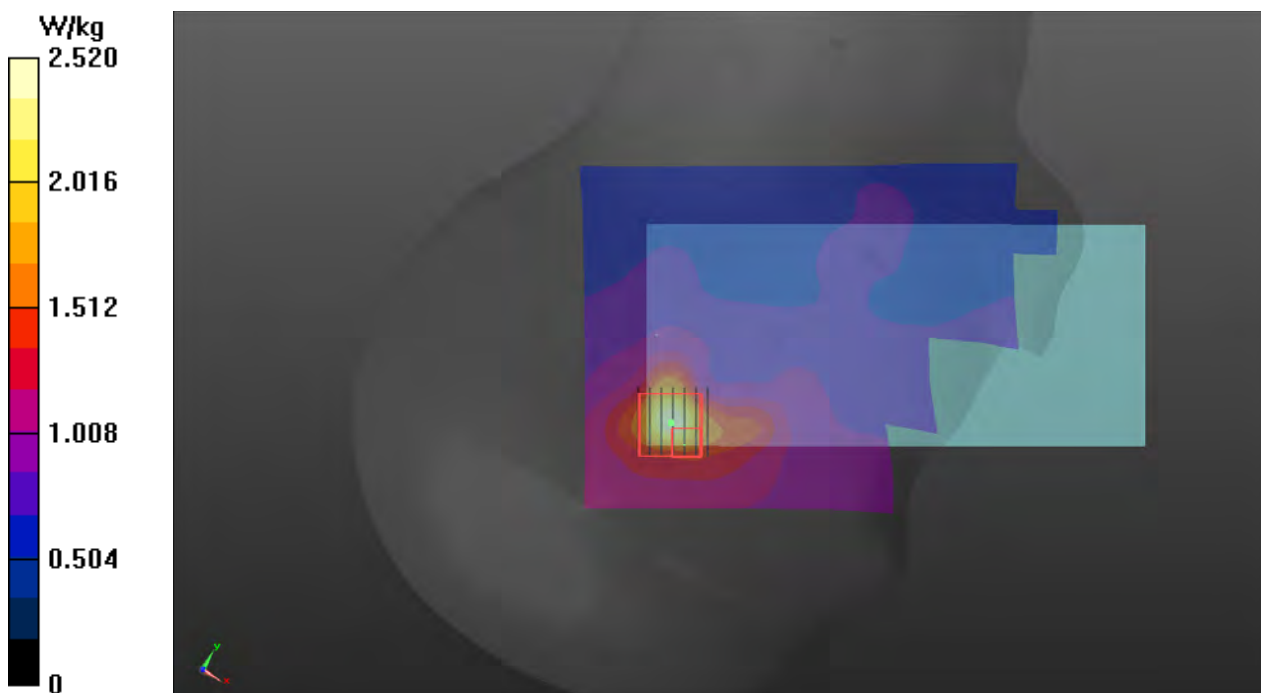
Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5250 MHz; Duty Cycle: 1:1.02
Medium: H34T60N2_0223 Medium parameters used (interpolated): $f = 5250 \text{ MHz}$; $\sigma = 4.621 \text{ S/m}$; $\epsilon_r = 37.404$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $23.8 \text{ }^\circ\text{C}$; Liquid Temperature : $23.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(5.35, 5.35, 5.35) @ 5250 MHz; Calibrated: 2020/05/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2020/03/18
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x211x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
Maximum value of SAR (interpolated) = 2.52 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
Reference Value = 9.457 V/m ; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.195 W/kg
SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.177 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 94.8%
Maximum value of SAR (measured) = 0.195 W/kg



P126c WLAN5.3G_802.11ac VHT160_Left Cheek_Ch50_Ant 6+4_DBS OFF

DUT: BFLF-WTW-P20120540

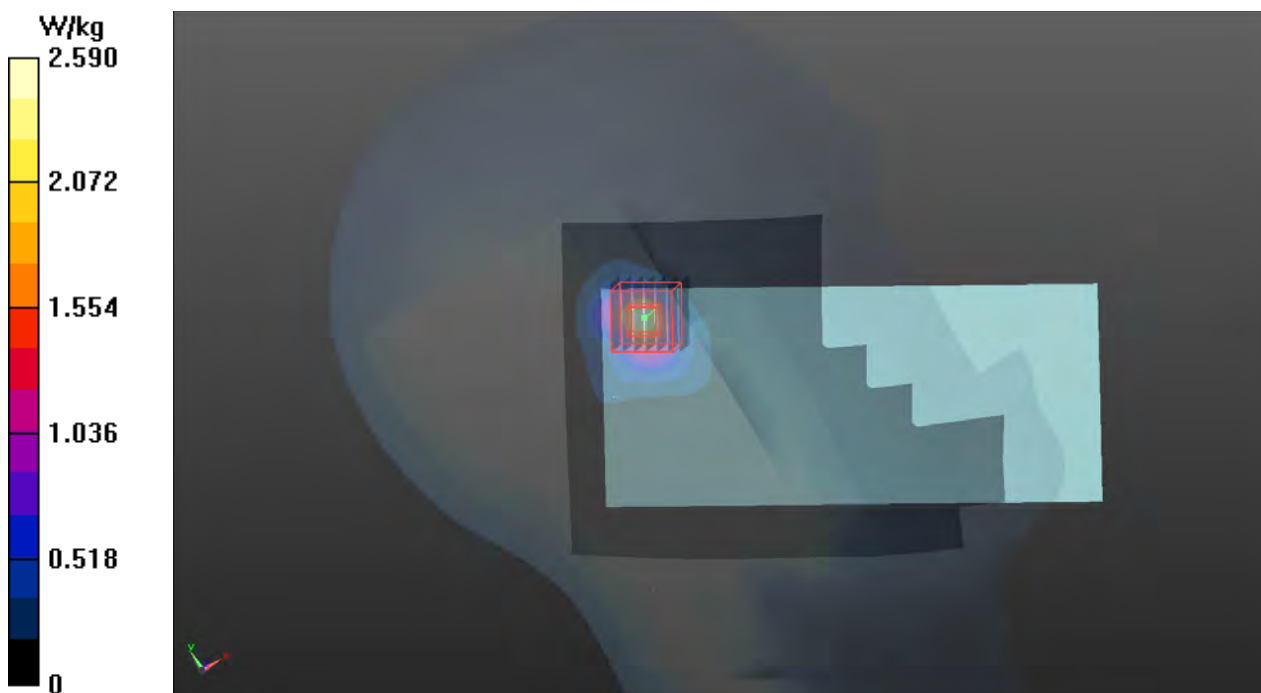
Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5250 MHz; Duty Cycle: 1:1.02
Medium: H34T60N1_0311 Medium parameters used (interpolated): $f = 5250 \text{ MHz}$; $\sigma = 4.649 \text{ S/m}$; $\epsilon_r = 35.468$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $23.6 \text{ }^\circ\text{C}$; Liquid Temperature : $23.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.72, 5.72, 5.72) @ 5250 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x211x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
Maximum value of SAR (interpolated) = 2.59 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
Reference Value = 22.70 V/m ; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.377 W/kg ; SAR(10 g) = 0.118 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 6.3 mm
Ratio of SAR at M2 to SAR at M1 = 70.3%
Maximum value of SAR (measured) = 0.875 W/kg



P126c WLAN5.3G_802.11ac VHT160_Left Cheek_Ch50_Ant 6+4(WLAN Only)

DUT: BFLF-WTW-P20120540

Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5250 MHz; Duty Cycle: 1:1.02

Medium: H34T60N1_0311 Medium parameters used (interpolated): $f = 5250 \text{ MHz}$; $\sigma = 4.649 \text{ S/m}$;

$\epsilon_r = 35.468$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.6 \text{ }^\circ\text{C}$; Liquid Temperature : $23.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.72, 5.72, 5.72) @ 5250 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x211x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 2.59 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 22.70 V/m ; Power Drift = -0.14 dB

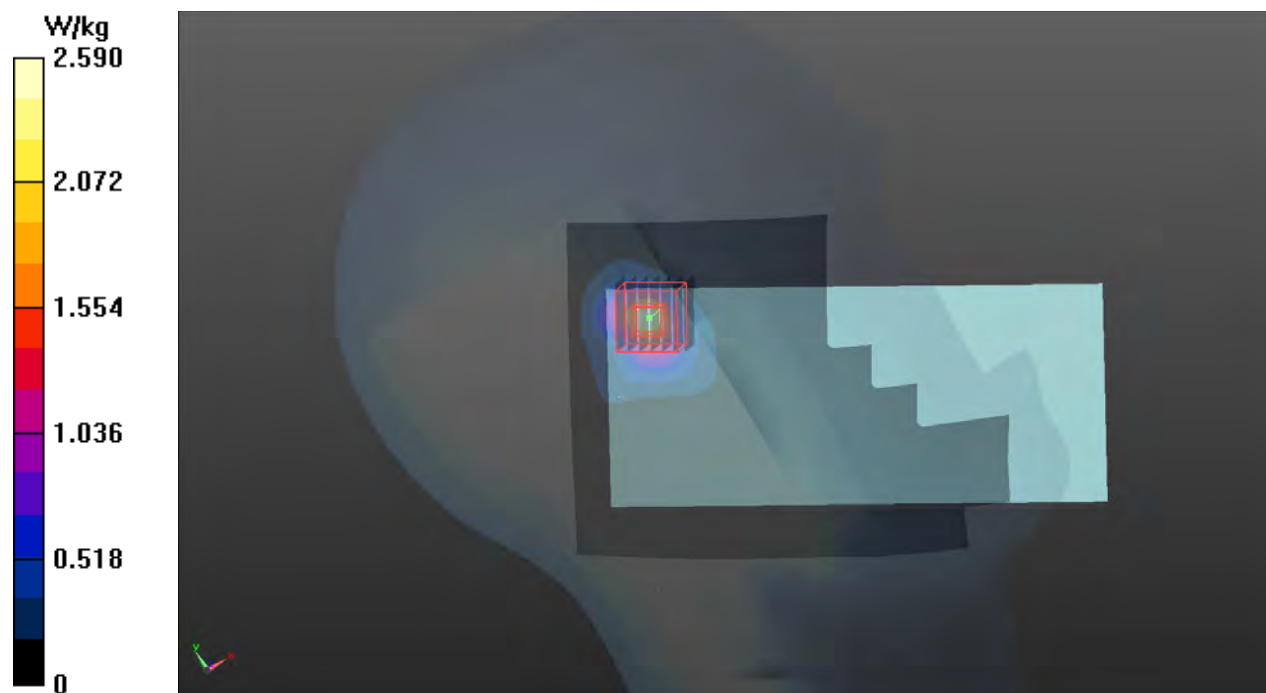
Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.377 W/kg ; SAR(10 g) = 0.118 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 6.3 mm

Ratio of SAR at M2 to SAR at M1 = 70.3%

Maximum value of SAR (measured) = 0.875 W/kg



P127a WLAN5.6G_802.11ac VHT160_Left Cheek_Ch114_Ant 4_SA

DUT: BFLF-WTW-P20120540

Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5570 MHz; Duty Cycle: 1:1.02

Medium: H34T60N1_0310 Medium parameters used (interpolated): $f = 5570 \text{ MHz}$; $\sigma = 4.972 \text{ S/m}$; $\epsilon_r = 36.871$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.04, 5.04, 5.04) @ 5570 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x211x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 3.08 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 26.32 V/m; Power Drift = -0.10 dB

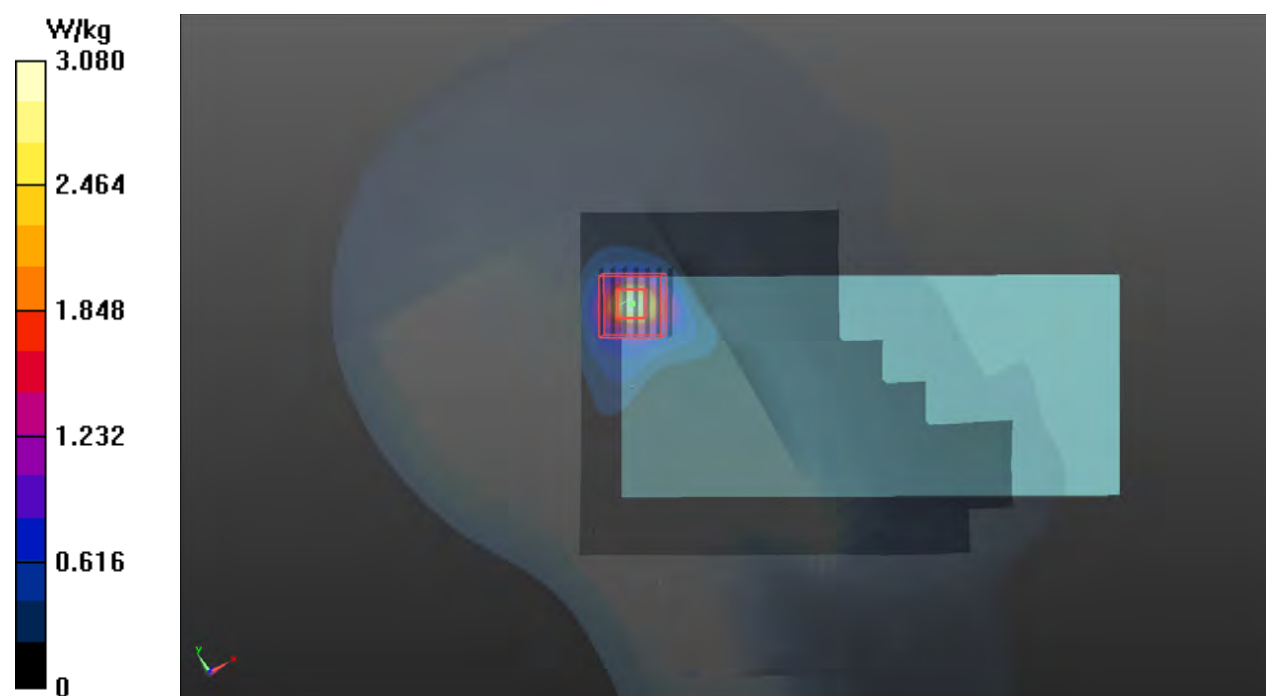
Peak SAR (extrapolated) = 4.94 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.403 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 6.8 mm

Ratio of SAR at M2 to SAR at M1 = 61.8%

Maximum value of SAR (measured) = 2.90 W/kg



P127b WLAN5.6G_802.11ac VHT160_Right Cheek_Ch114_Ant 6_DBS ON

DUT: BFLF-WTW-P20120540

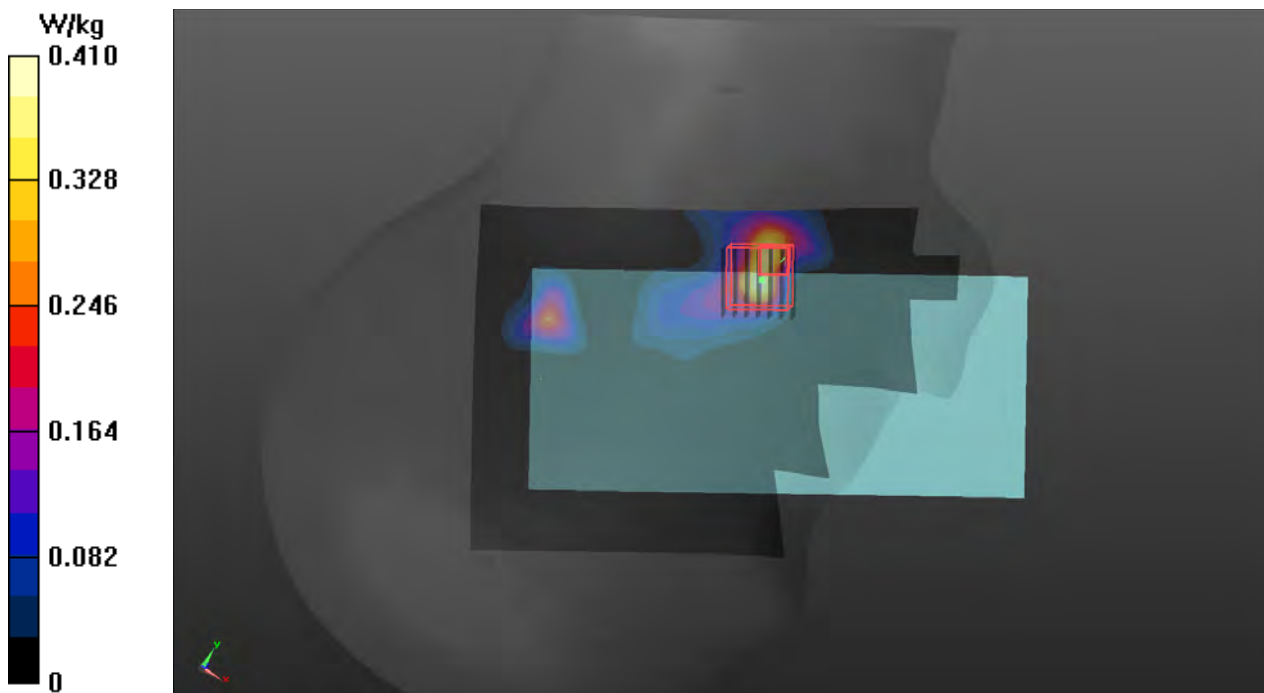
Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5570 MHz; Duty Cycle: 1:1.02
Medium: H34T60N2_0223 Medium parameters used (interpolated): $f = 5570 \text{ MHz}$; $\sigma = 4.951 \text{ S/m}$; $\epsilon_r = 36.944$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(4.7, 4.7, 4.7) @ 5570 MHz; Calibrated: 2020/05/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2020/03/18
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x211x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
Maximum value of SAR (interpolated) = 0.410 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
Reference Value = 9.711 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.812 W/kg
SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.064 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 4.4 mm
Ratio of SAR at M2 to SAR at M1 = 61.9%
Maximum value of SAR (measured) = 0.426 W/kg



P127c WLAN5.6G_802.11ac VHT160_Right Cheek_Ch114_Ant6+3_DBS OFF

DUT: BFLF-WTW-P20120540

Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5570 MHz; Duty Cycle: 1:1.02

Medium: H34T60N1_0305 Medium parameters used (interpolated): $f = 5570$ MHz; $\sigma = 5.057$ S/m;

$\epsilon_r = 36.531$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.04, 5.04, 5.04) @ 5570 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.26 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.13 V/m; Power Drift = -0.04 dB

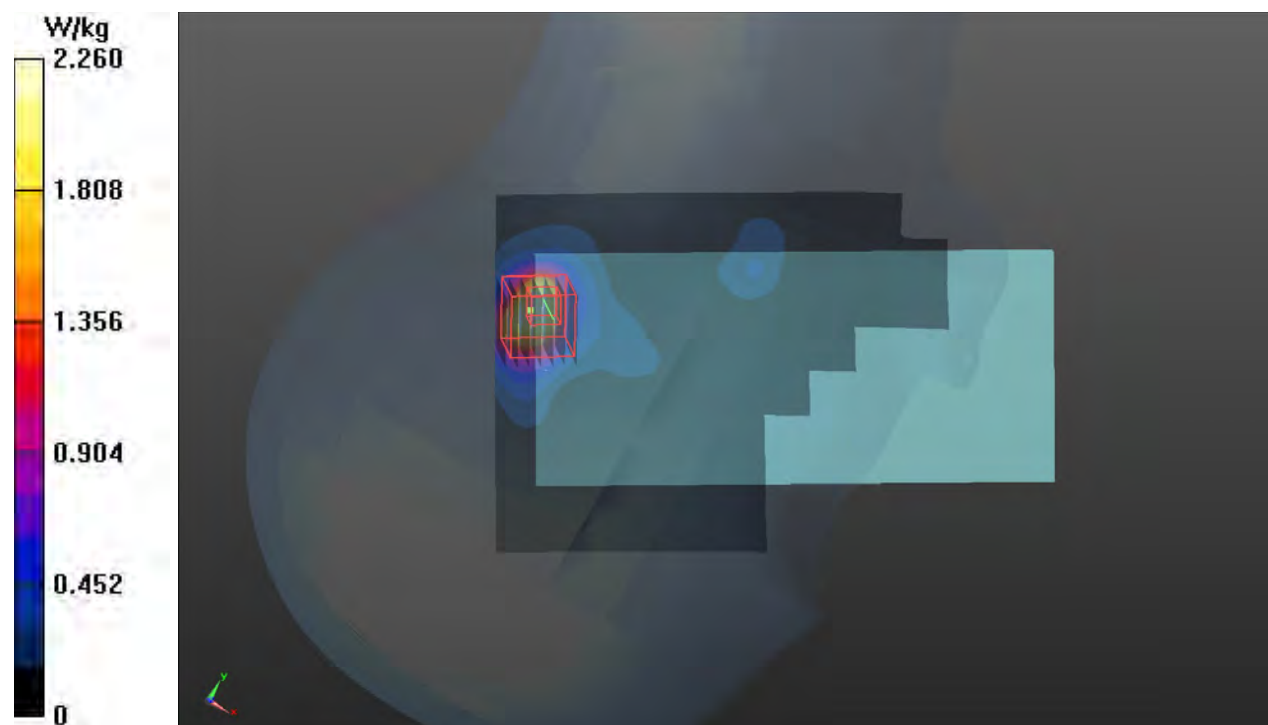
Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.356 W/kg; SAR(10 g) = 0.128 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9.4 mm

Ratio of SAR at M2 to SAR at M1 = 64.9%

Maximum value of SAR (measured) = 0.778 W/kg



P127c WLAN5.6G_802.11ac VHT160_Right Cheek_Ch114_Ant6+3(WLAN Only)

DUT: BFLF-WTW-P20120540

Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5570 MHz; Duty Cycle: 1:1.02

Medium: H34T60N1_0305 Medium parameters used (interpolated): $f = 5570 \text{ MHz}$; $\sigma = 5.057 \text{ S/m}$;

$\epsilon_r = 36.531$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.8 \text{ }^\circ\text{C}$; Liquid Temperature : $23.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.04, 5.04, 5.04) @ 5570 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x211x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 2.26 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 22.13 V/m ; Power Drift = -0.04 dB

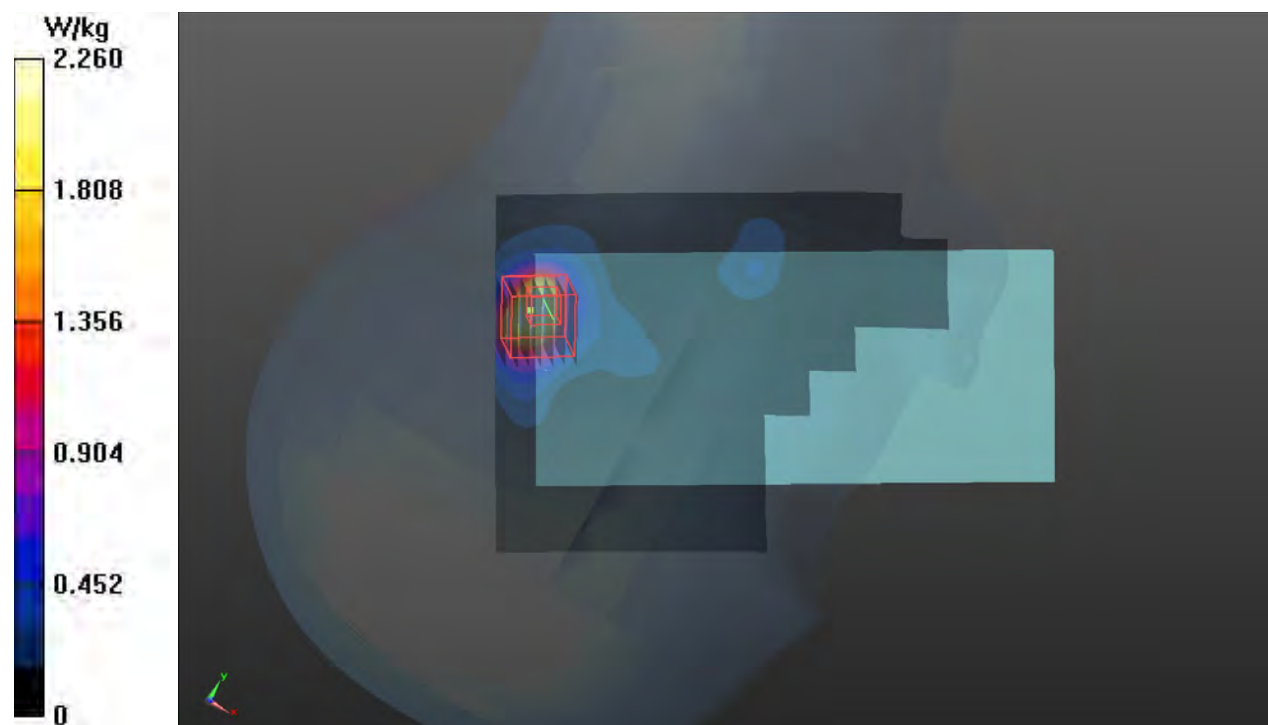
Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.356 W/kg ; SAR(10 g) = 0.128 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9.4 mm

Ratio of SAR at M2 to SAR at M1 = 64.9%

Maximum value of SAR (measured) = 0.778 W/kg



P128a WLAN5.8G_802.11ac VHT80_Left Cheek_Ch155_Ant 6+4_SA

DUT: BFLF-WTW-P20120540

Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5250 MHz; Duty Cycle: 1:1.01

Medium: H34T60N1_0310 Medium parameters used (interpolated): $f = 5250 \text{ MHz}$; $\sigma = 4.66 \text{ S/m}$; $\epsilon_r = 37.316$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.72, 5.72, 5.72) @ 5250 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (111x211x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 3.34 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 28.38 V/m; Power Drift = 0.12 dB

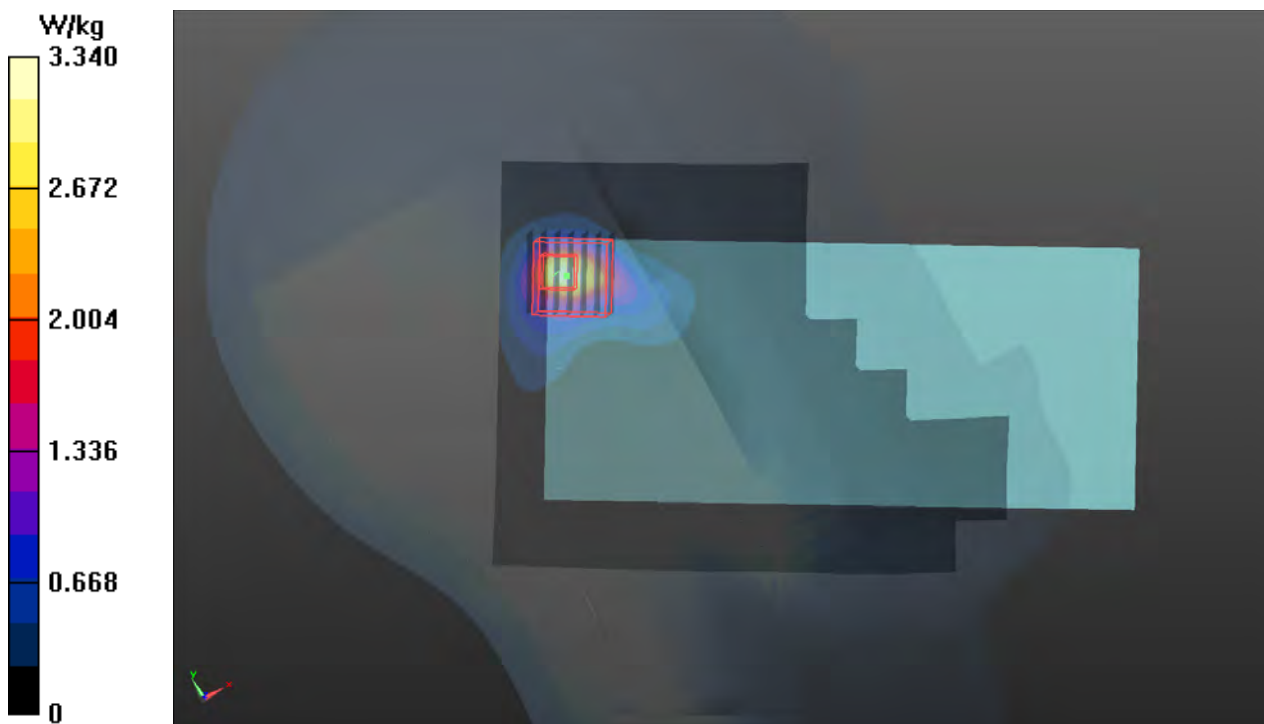
Peak SAR (extrapolated) = 5.52 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.372 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 5.9 mm

Ratio of SAR at M2 to SAR at M1 = 61.1%

Maximum value of SAR (measured) = 3.08 W/kg



P128b WLAN5.8G_802.11ac VHT80_Right Cheek_Ch155_Ant 3_DBS ON

DUT: BFLF-WTW-P20120540

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency: 5775 MHz; Duty Cycle: 1:1.01

Medium: H34T60N2_0224 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.167$ S/m; $\epsilon_r = 36.662$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(4.95, 4.95, 4.95) @ 5775 MHz; Calibrated: 2020/05/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2020/03/18
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.779 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.261 V/m; Power Drift = -0.08 dB

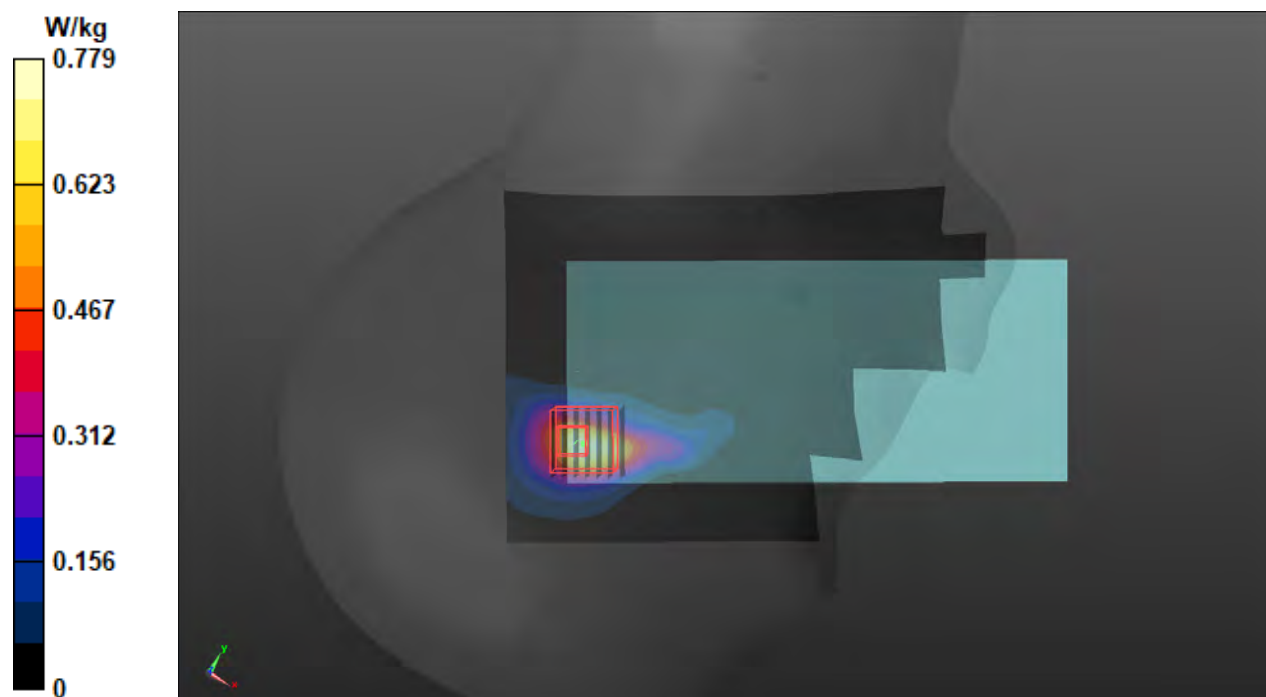
Peak SAR (extrapolated) = 0.847 W/kg

SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.061 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 60%

Maximum value of SAR (measured) = 0.478 W/kg



P128c WLAN5.8G_802.11ac VHT80_Right Cheek_Ch155_Ant6+3_DBS OFF

DUT: BFLF-WTW-P20120540

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency: 5775 MHz; Duty Cycle: 1:1.01

Medium: H34T60N1_0305 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.274$ S/m; $\epsilon_r = 36.25$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.25, 5.25, 5.25) @ 5775 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.762 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.75 V/m; Power Drift = 0.14 dB

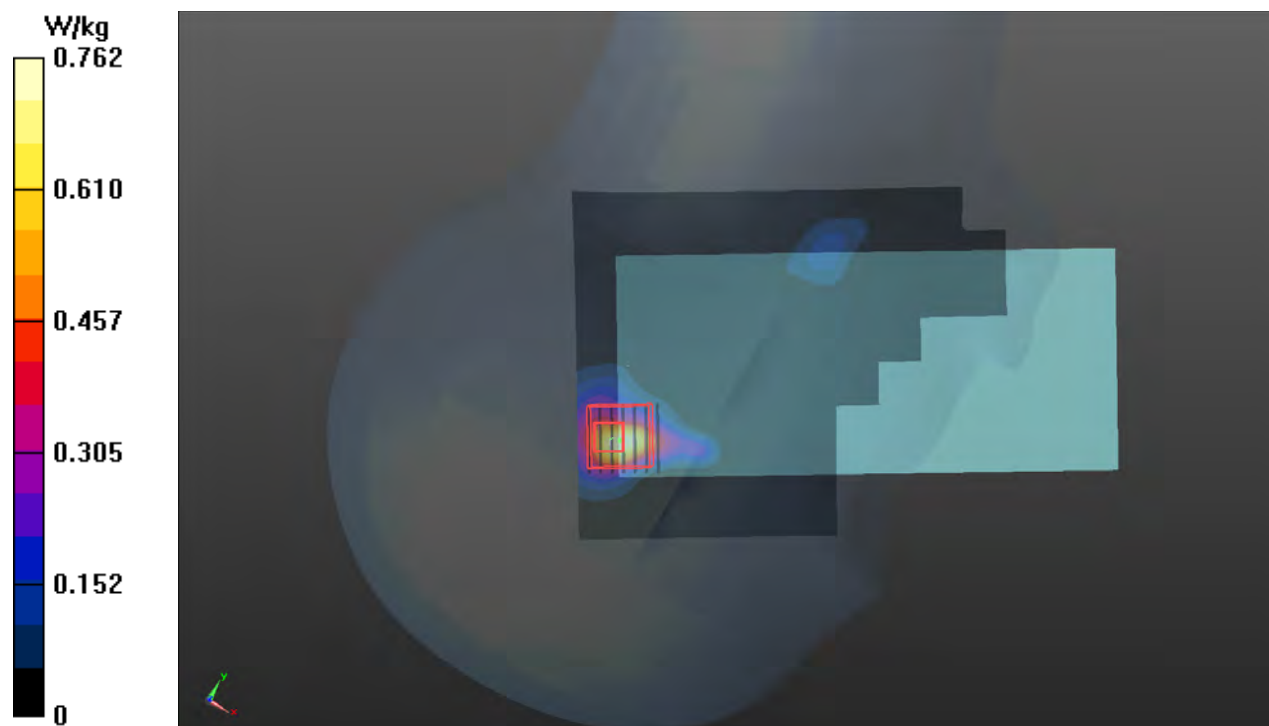
Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.105 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 6.9 mm

Ratio of SAR at M2 to SAR at M1 = 62.4%

Maximum value of SAR (measured) = 0.912 W/kg



P128c WLAN5.8G_802.11ac VHT80_Right Cheek_Ch155_Ant6+3(WLAN Only)

DUT: BFLF-WTW-P20120540

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency: 5775 MHz; Duty Cycle: 1:1.01

Medium: H34T60N1_0305 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.274$ S/m; $\epsilon_r = 36.25$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.25, 5.25, 5.25) @ 5775 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.762 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.75 V/m; Power Drift = 0.14 dB

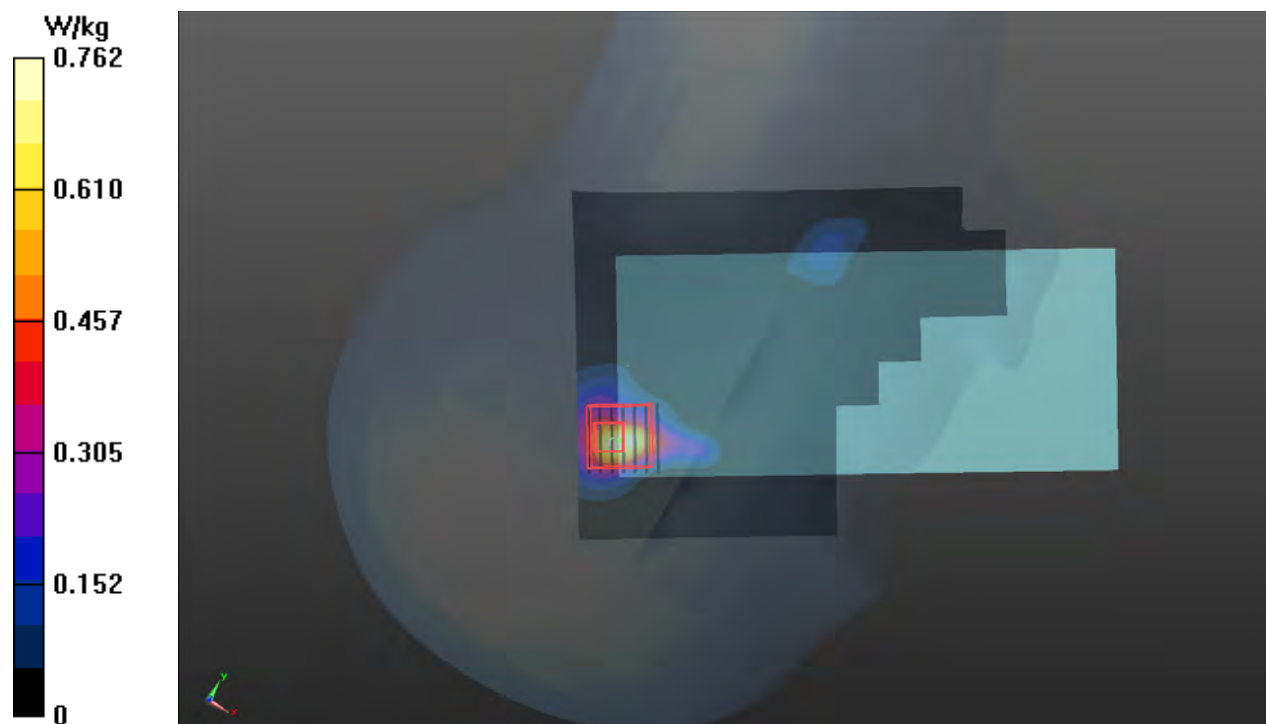
Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.105 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 6.9 mm

Ratio of SAR at M2 to SAR at M1 = 62.4%

Maximum value of SAR (measured) = 0.912 W/kg



P129 BT_BDR_Left Cheek_Ch0_Ant 4

DUT: BFLF-WTW-P20120540

Communication System: UID 10032 - CAA, IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2402 MHz; Duty Cycle: 1:1.31

Medium: H19T27N3_0305 Medium parameters used (interpolated): $f = 2402$ MHz; $\sigma = 1.833$ S/m; $\epsilon_r = 39.711$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.33, 7.33, 7.33) @ 2402 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2020/06/22
- Phantom: Twin SAM Phantom_1653; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.218 W/kg

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

Reference Value = 8.181 V/m; Power Drift = 0.04 dB

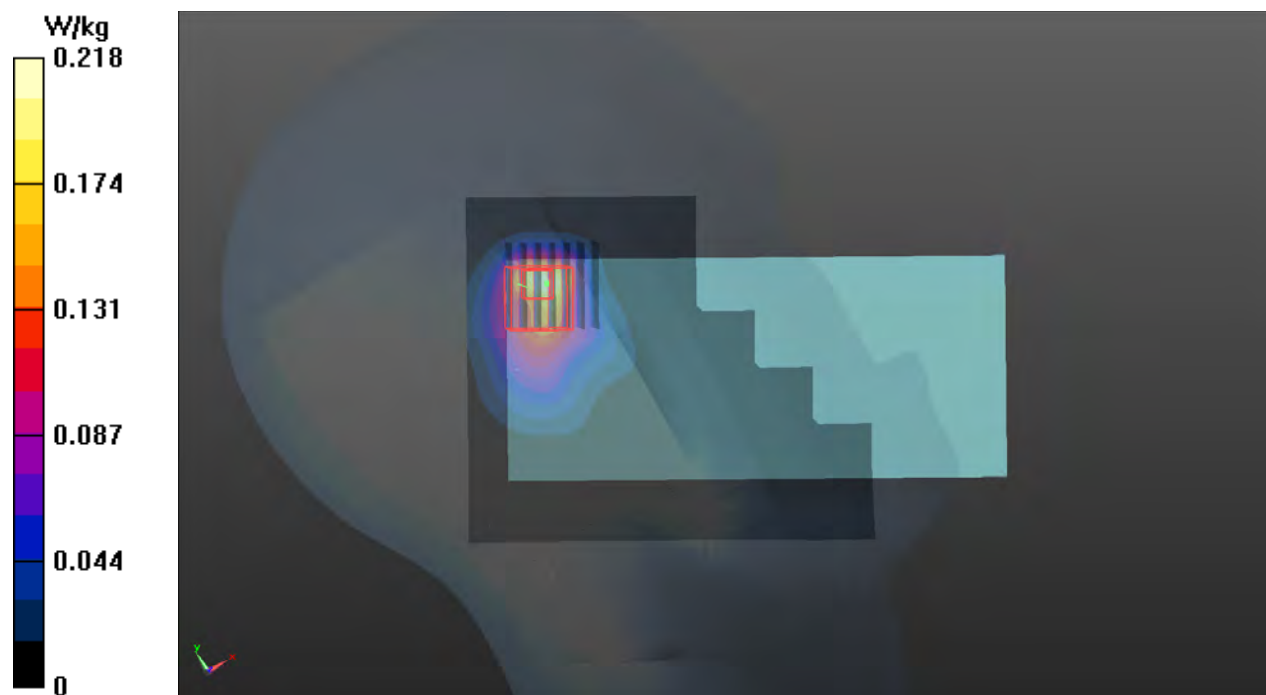
Peak SAR (extrapolated) = 0.251 W/kg

SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.056 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.8 mm

Ratio of SAR at M2 to SAR at M1 = 41.9%

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



Appendix B-1 SAR Plots of SAR Measurement (Body-worn)

The SAR plots for highest measured SAR in each exposure configuration, wireless mode and frequency band combination are shown as follows.

P130 GSM850_GPRS12_Rear Face_15mm_Ch251_Ant 0

DUT: BFLF-WTW-P20120540

Communication System: UID 10028 - DAC, GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 848.8 MHz; Duty Cycle: 1:2.27

Medium: H07T10N3_0116 Medium parameters used: $f = 849 \text{ MHz}$; $\sigma = 0.94 \text{ S/m}$; $\epsilon_r = 42.263$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(9.82, 9.82, 9.82) @ 848.8 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.534 W/kg

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

Reference Value = 24.26 V/m; Power Drift = -0.02 dB

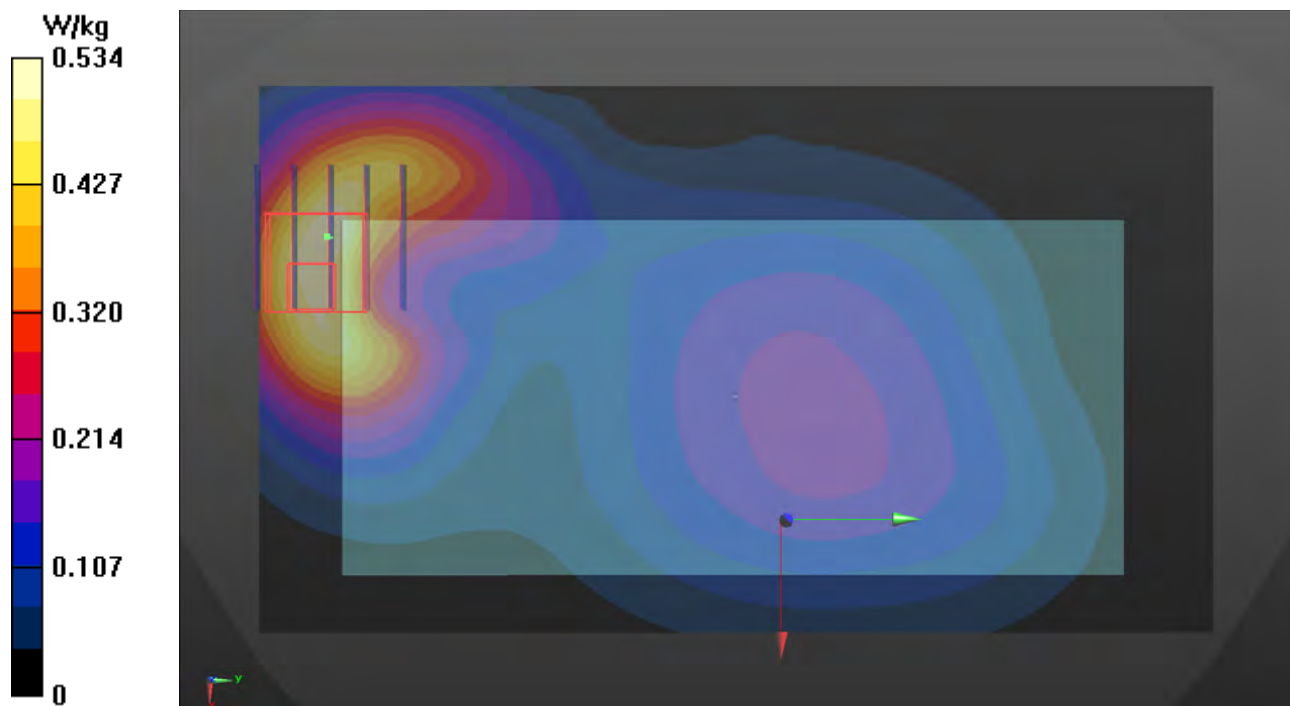
Peak SAR (extrapolated) = 0.629 W/kg

SAR(1 g) = 0.358 W/kg; SAR(10 g) = 0.226 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 13.8 mm

Ratio of SAR at M2 to SAR at M1 = 59.7%

Maximum value of SAR (measured) = 0.508 W/kg



P131 GSM1900_GPRS12_Rear Face_15mm_Ch810_Ant 1

DUT: BFLF-WTW-P20120540

Communication System: UID 10028 - DAC, GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 1909.8 MHz; Duty Cycle: 1:2.27

Medium: H16T20N1_0117 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.469$ S/m; $\epsilon_r = 38.965$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.22, 8.22, 8.22) @ 1909.8 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.302 W/kg

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

Reference Value = 12.02 V/m; Power Drift = 0.12 dB

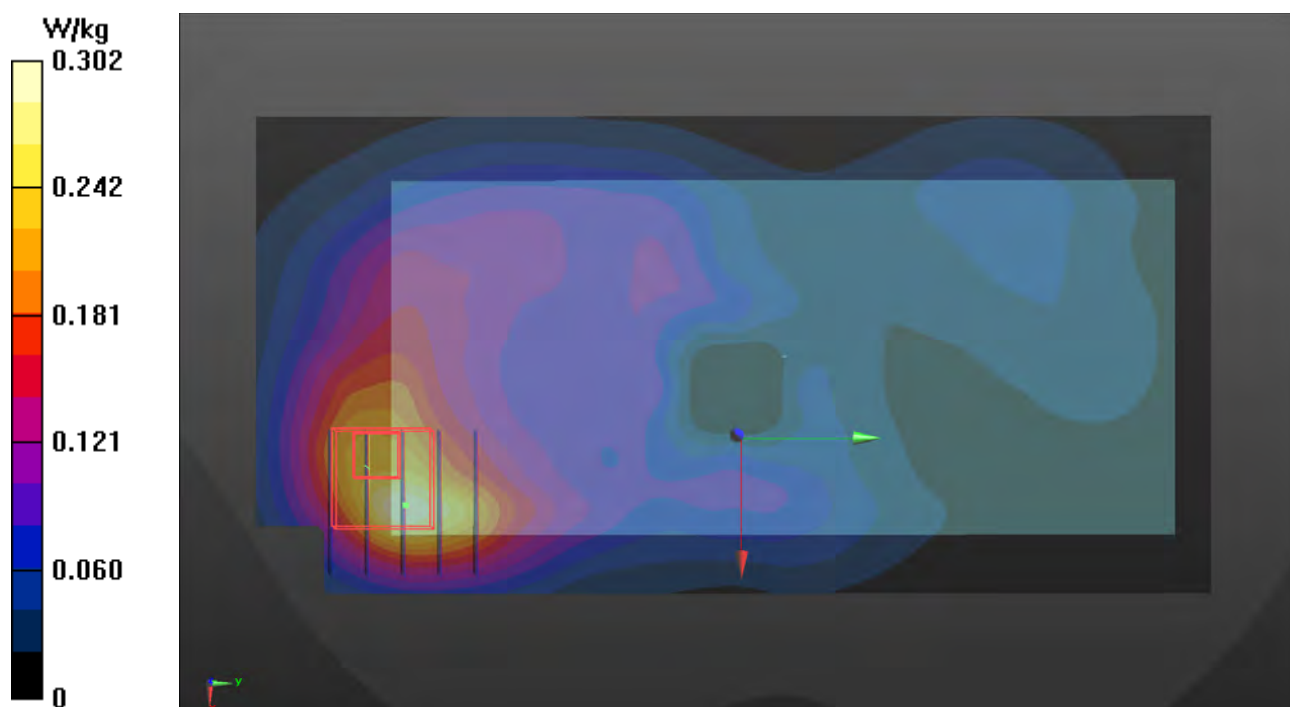
Peak SAR (extrapolated) = 0.435 W/kg

SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.133 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 13.6 mm

Ratio of SAR at M2 to SAR at M1 = 56.9%

Maximum value of SAR (measured) = 0.363 W/kg



P132 WCDMA II_RMC12.2K_Rear Face_15mm_Ch9538_Ant 1

DUT: BFLF-WTW-P20120540

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1907.6 MHz; Duty Cycle: 1:1.95

Medium: H16T20N1_0117 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.467$ S/m; $\epsilon_r = 38.97$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.22, 8.22, 8.22) @ 1907.6 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.530 W/kg

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

Reference Value = 19.49 V/m; Power Drift = -0.05 dB

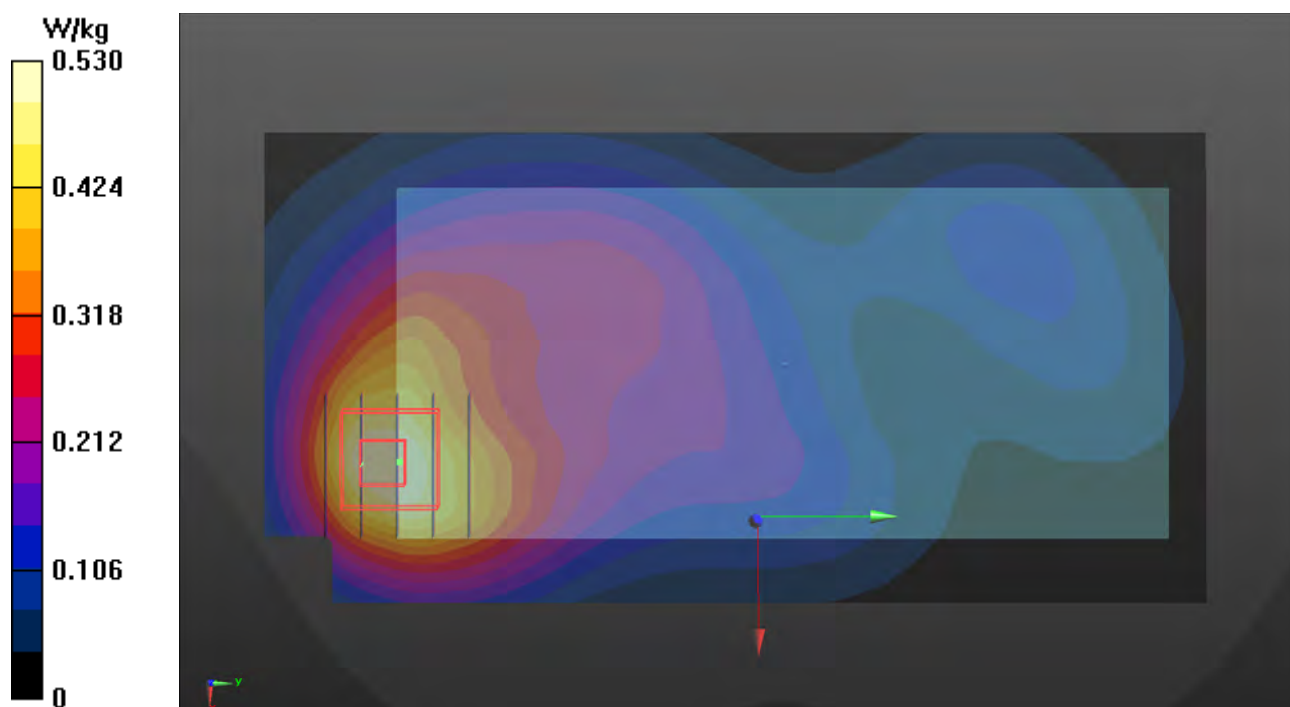
Peak SAR (extrapolated) = 0.635 W/kg

SAR(1 g) = 0.371 W/kg; SAR(10 g) = 0.235 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 18.2 mm

Ratio of SAR at M2 to SAR at M1 = 60.6%

Maximum value of SAR (measured) = 0.527 W/kg



P133 WCDMA II_RMC12.2K_Front Face_15mm_Ch9538_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1907.6 MHz; Duty Cycle: 1:1.95

Medium: H16T20N1_0117 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.467$ S/m; $\epsilon_r = 38.97$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.22, 8.22, 8.22) @ 1907.6 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.216 W/kg

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

Reference Value = 11.90 V/m; Power Drift = 0.03 dB

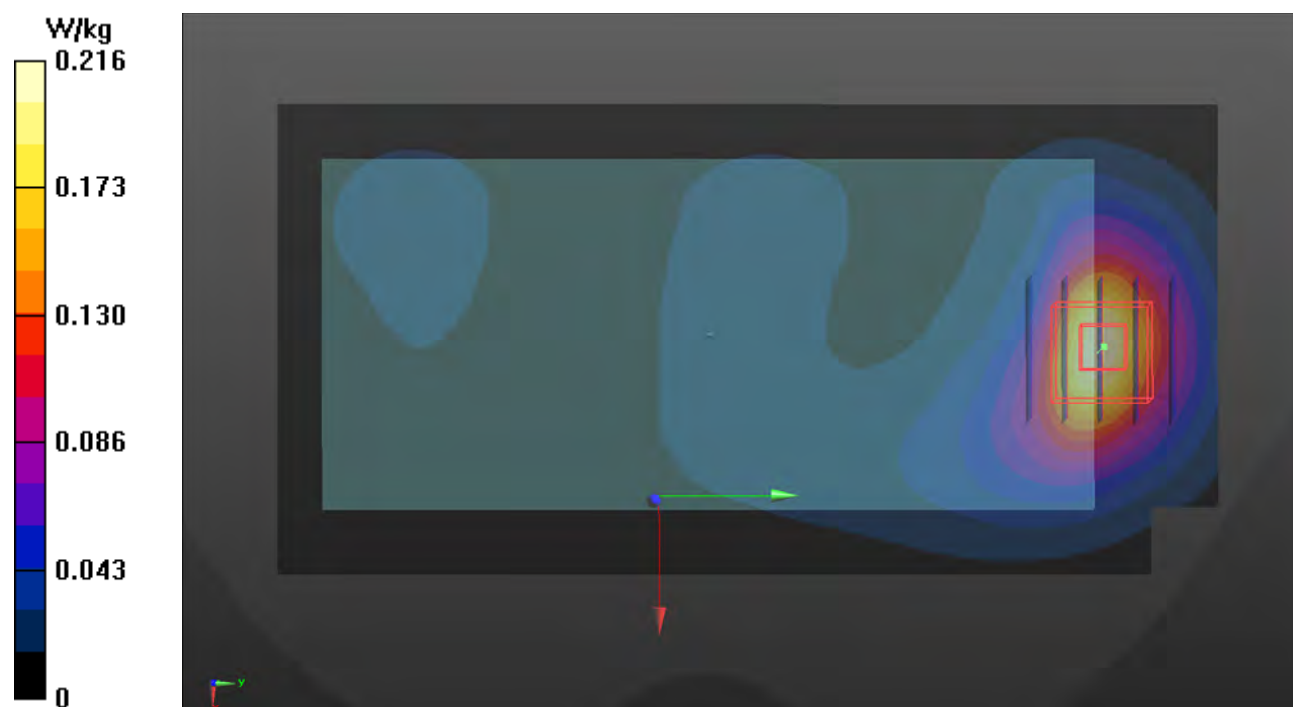
Peak SAR (extrapolated) = 0.253 W/kg

SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.085 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 12.9 mm

Ratio of SAR at M2 to SAR at M1 = 60.9%

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



P134 WCDMA II_RMC12.2K_Rear Face_15mm_Ch9538_Ant 8

DUT: BFLF-WTW-P20120540

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1907.6 MHz; Duty Cycle: 1:1.95

Medium: H16T20N1_0117 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.467$ S/m; $\epsilon_r = 38.97$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.22, 8.22, 8.22) @ 1907.6 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.212 W/kg

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

Reference Value = 11.14 V/m; Power Drift = -0.02 dB

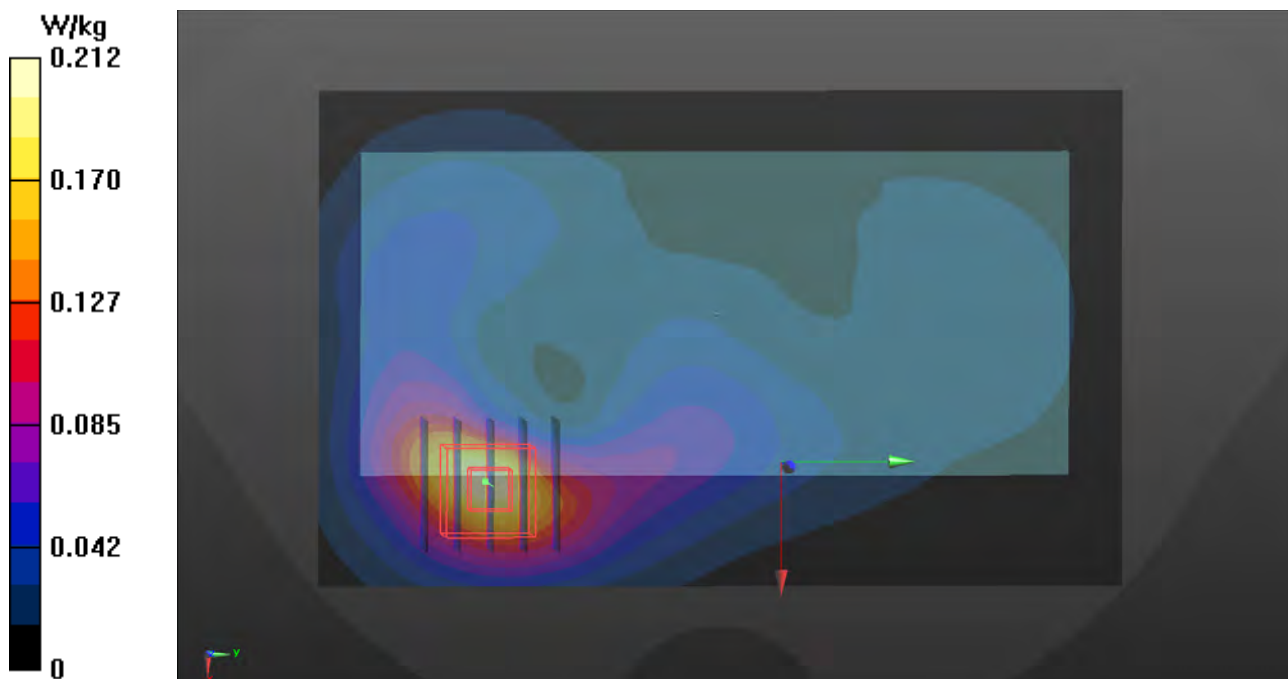
Peak SAR (extrapolated) = 0.249 W/kg

SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.083 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 12.2 mm

Ratio of SAR at M2 to SAR at M1 = 59.8%

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



P135 WCDMA IV_RMC12.2K_Rear Face_15mm_Ch1513_Ant 1

DUT: BFLF-WTW-P20120540

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1752.6 MHz; Duty Cycle: 1:1.95

Medium: H16T20N1_0117 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.335$ S/m; $\epsilon_r = 39.513$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.61, 8.61, 8.61) @ 1752.6 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.441 W/kg

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

Reference Value = 18.38 V/m; Power Drift = -0.07 dB

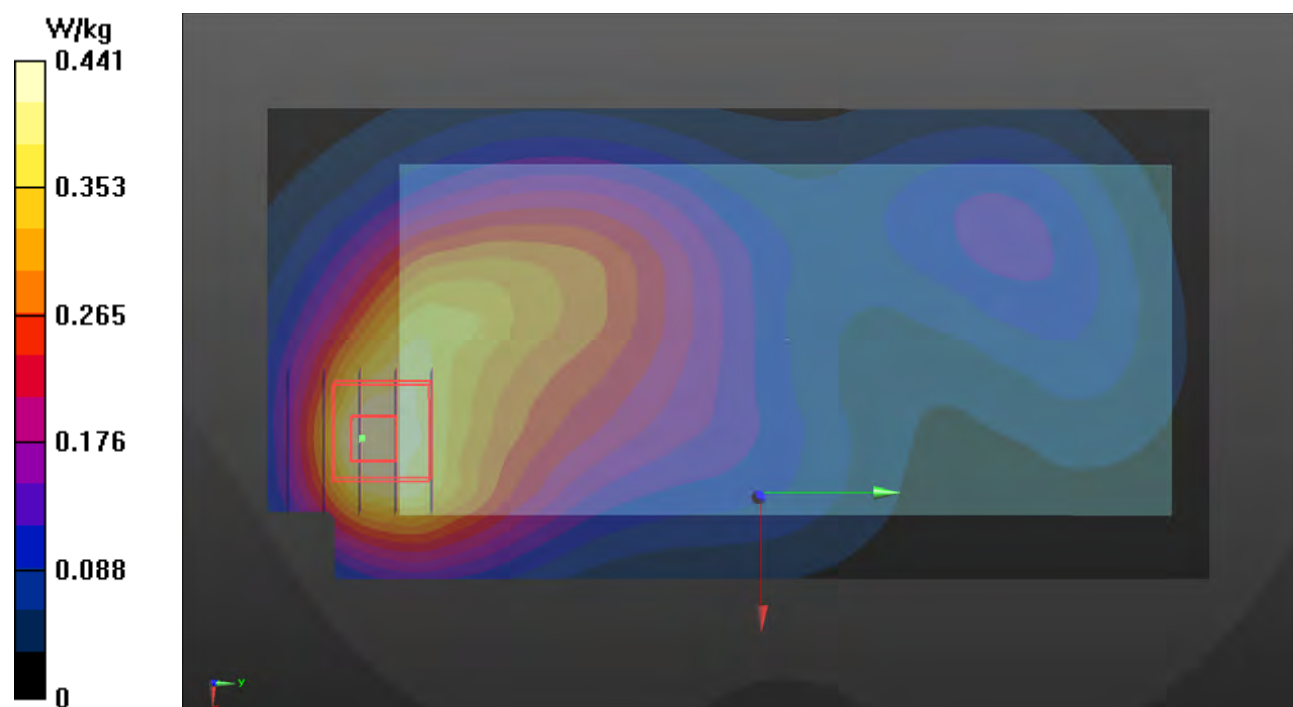
Peak SAR (extrapolated) = 0.526 W/kg

SAR(1 g) = 0.338 W/kg; SAR(10 g) = 0.217 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 14.4 mm

Ratio of SAR at M2 to SAR at M1 = 63.8%

Maximum value of SAR (measured) = 0.449 W/kg



P136 WCDMA IV_RMC12.2K_Front Face_15mm_Ch1312_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1712.4 MHz; Duty Cycle: 1:1.95

Medium: H16T20N1_0117 Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.299$ S/m; $\epsilon_r = 39.703$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.61, 8.61, 8.61) @ 1712.4 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.137 W/kg

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

Reference Value = 10.34 V/m; Power Drift = 0.15 dB

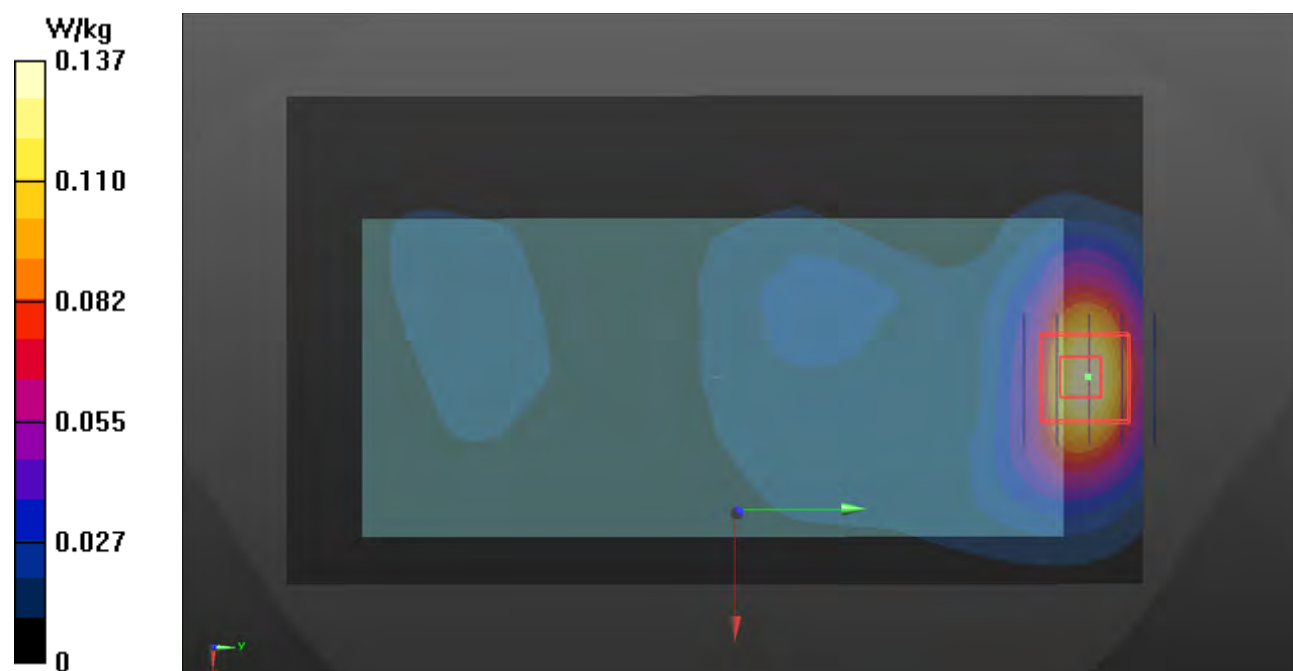
Peak SAR (extrapolated) = 0.173 W/kg

SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.061 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 63.8%

Maximum value of SAR (measured) = 0.142 W/kg



P137 WCDMA IV_RMC12.2K_Rear Face_15mm_Ch1312_Ant 8

DUT: BFLF-WTW-P20120540

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1712.4 MHz; Duty Cycle: 1:1.95

Medium: H16T20N1_0117 Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.299$ S/m; $\epsilon_r = 39.703$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.61, 8.61, 8.61) @ 1712.4 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0886 W/kg

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

Reference Value = 7.925 V/m; Power Drift = -0.03 dB

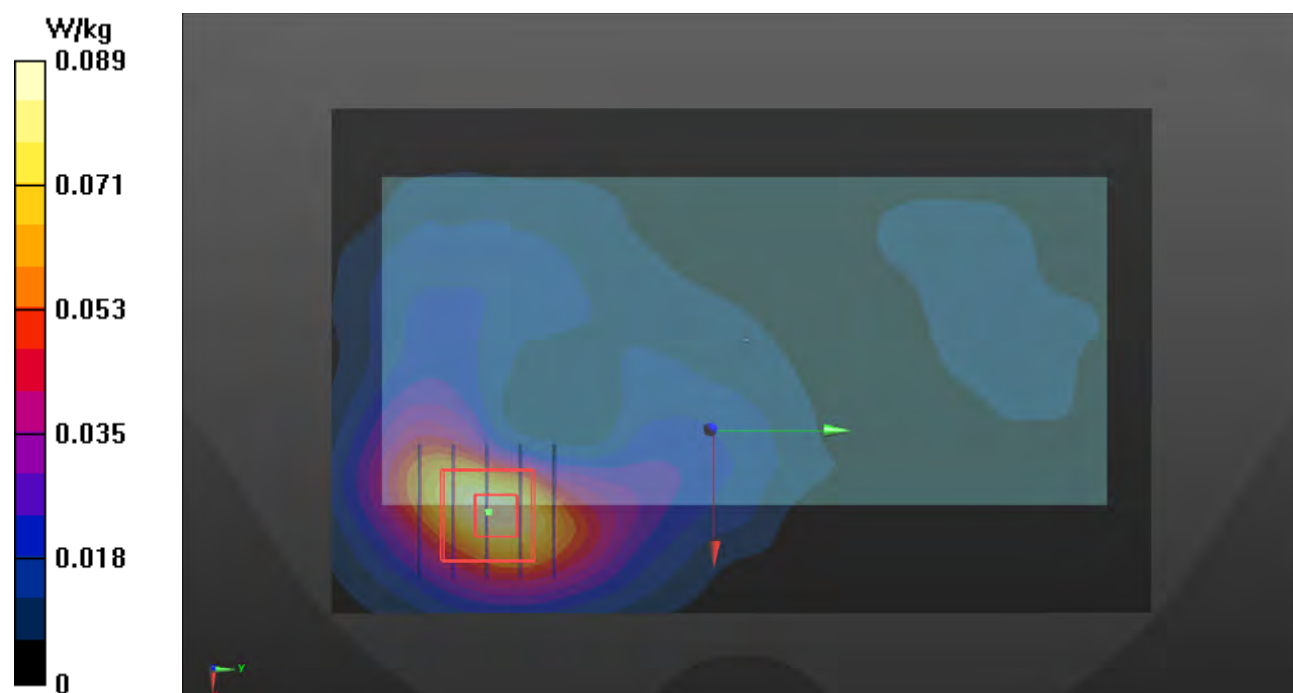
Peak SAR (extrapolated) = 0.105 W/kg

SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.038 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 62.5%

Maximum value of SAR (measured) = 0.0901 W/kg



P138 WCDMA V_RMC12.2K_Rear Face_15mm_Ch4233_Ant 0

DUT: BFLF-WTW-P20120540

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 846.6 MHz; Duty Cycle: 1:1.95

Medium: H07T10N3_0116 Medium parameters used: $f = 847$ MHz; $\sigma = 0.938$ S/m; $\epsilon_r = 42.284$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(9.82, 9.82, 9.82) @ 846.6 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.281 W/kg

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

Reference Value = 17.71 V/m; Power Drift = -0.10 dB

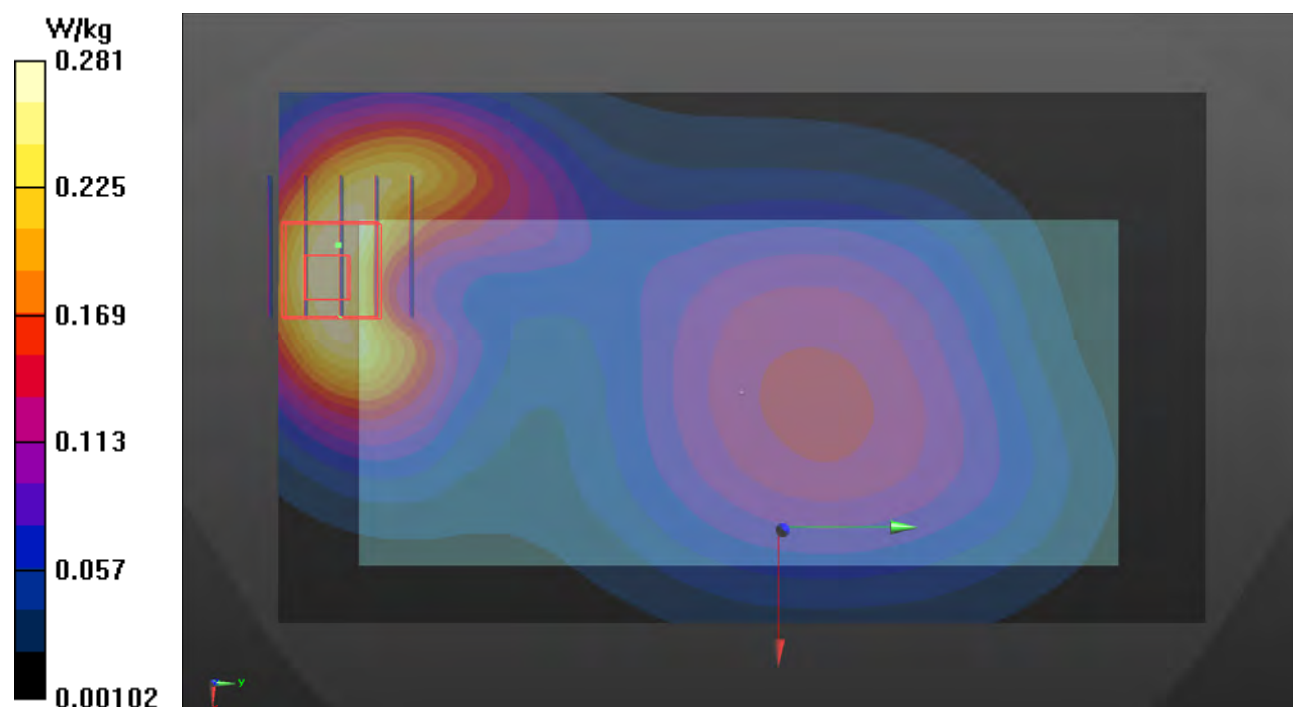
Peak SAR (extrapolated) = 0.328 W/kg

SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.126 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 16 mm

Ratio of SAR at M2 to SAR at M1 = 62.3%

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



P139 WCDMA V_RMC12.2K_Front Face_15mm_Ch4233_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 846.6 MHz; Duty Cycle: 1:1.95

Medium: H07T10N3_0116 Medium parameters used: $f = 847$ MHz; $\sigma = 0.938$ S/m; $\epsilon_r = 42.284$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(9.82, 9.82, 9.82) @ 846.6 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.232 W/kg

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

Reference Value = 15.78 V/m; Power Drift = -0.01 dB

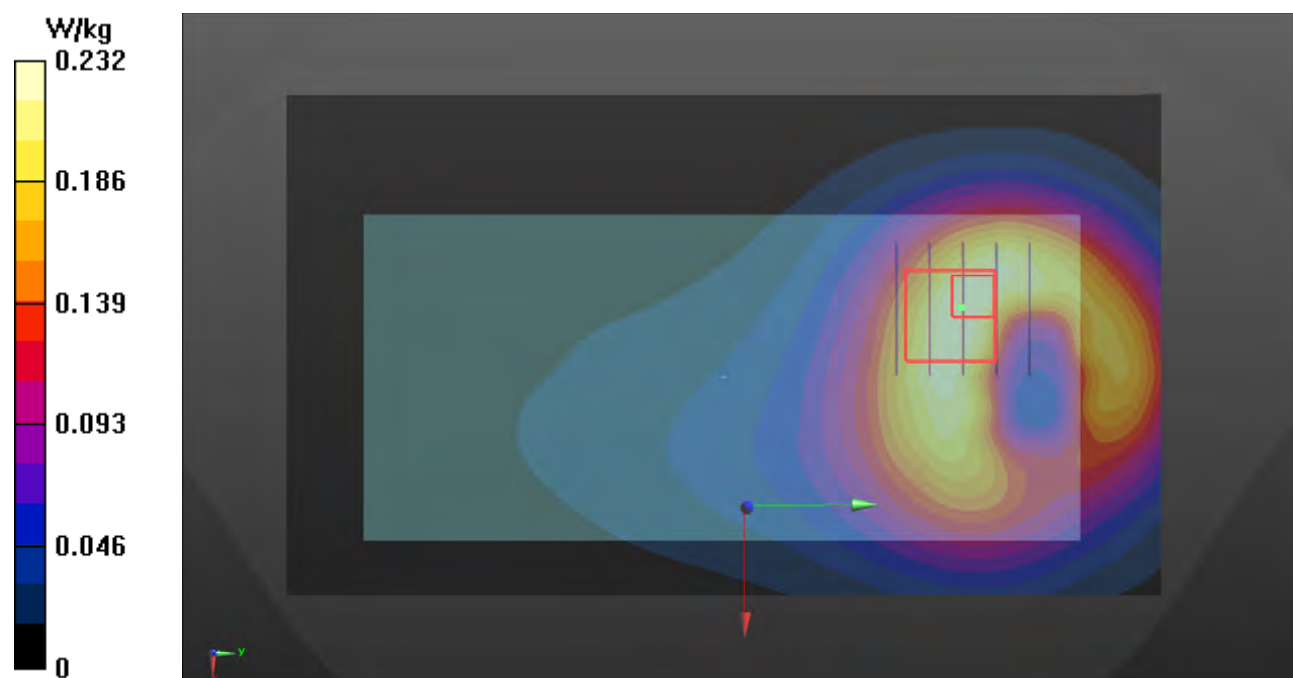
Peak SAR (extrapolated) = 0.270 W/kg

SAR(1 g) = 0.170 W/kg; SAR(10 g) = 0.113 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 13.6 mm

Ratio of SAR at M2 to SAR at M1 = 67%

Maximum value of SAR (measured) = 0.229 W/kg



P140 CDMA BC0_RC3+SO32_Rear Face_15mm_Ch777_Ant 0

DUT: BFLF-WTW-P20120540

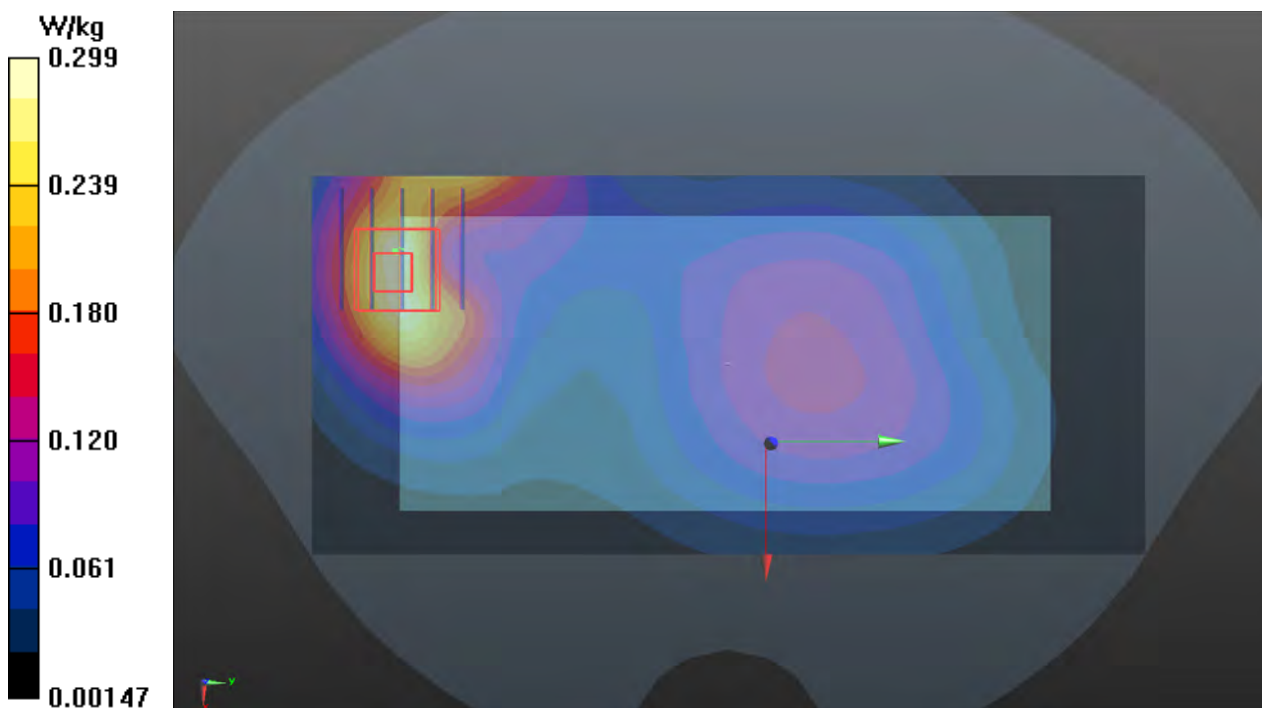
Communication System: UID 10292 - AAB, CDMA2000, RC3, SO32, Full Rate; Frequency: 848.31 MHz; Duty Cycle: 1:2.18
Medium: H07T10N1_0119 Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.933$ S/m; $\epsilon_r = 42.155$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(10.11, 10.11, 10.11) @ 848.31 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.299 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.37 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.342 W/kg
SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.130 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 15.8 mm
Ratio of SAR at M2 to SAR at M1 = 59.8%
Maximum value of SAR (measured) = 0.292 W/kg



P142 CDMA BC1_RC3+SO32_Rear Face_15mm_Ch1175_Ant 1

DUT: BFLF-WTW-P20120540

Communication System: UID 10292 - AAB, CDMA2000, RC3, SO32, Full Rate; Frequency: 1908.75 MHz; Duty Cycle: 1:2.18

Medium: H16T20N1_0119 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.454$ S/m; $\epsilon_r = 38.805$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(8.35, 8.35, 8.35) @ 1908.75 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.703 W/kg

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

Reference Value = 20.72 V/m; Power Drift = -0.07 dB

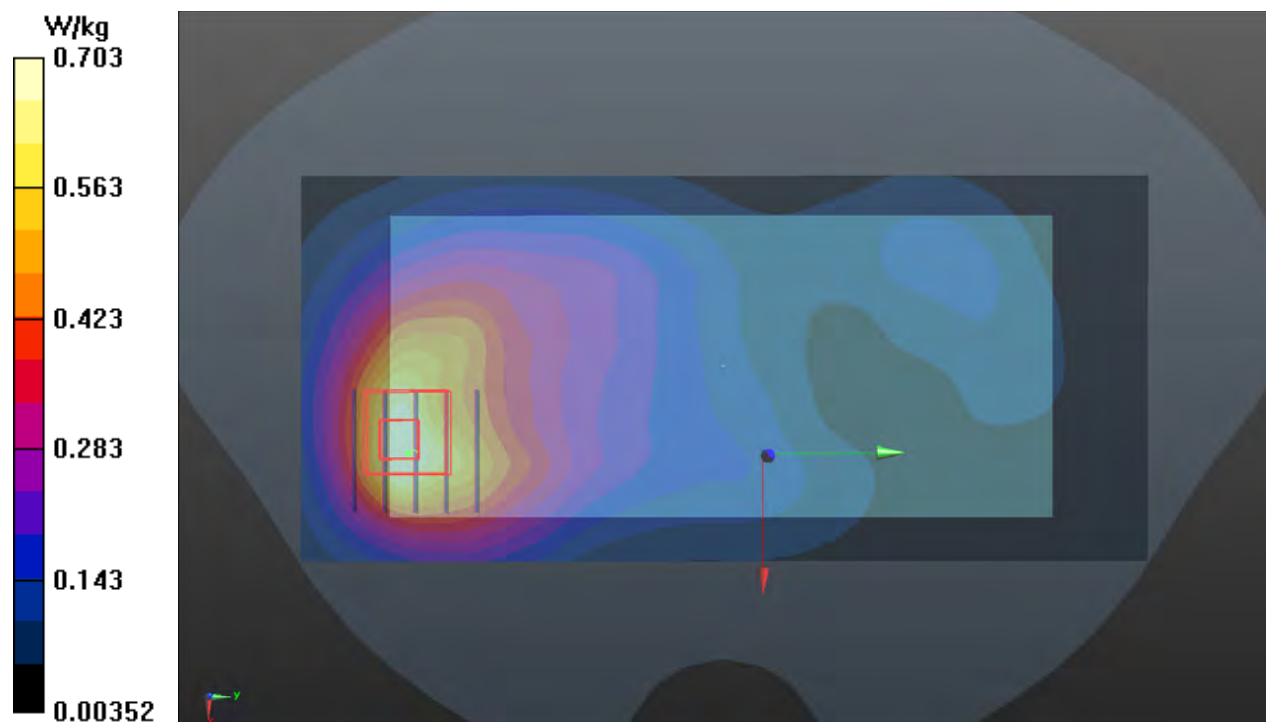
Peak SAR (extrapolated) = 0.769 W/kg

SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.193 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 17 mm

Ratio of SAR at M2 to SAR at M1 = 62.4%

Maximum value of SAR (measured) = 0.643 W/kg



P145 CDMA BC10_RC3+SO32_Rear Face_15mm_Ch684_Ant 0

DUT: BFLF-WTW-P20120540

Communication System: UID 10292 - AAB, CDMA2000, RC3, SO32, Full Rate; Frequency: 823.1 MHz; Duty Cycle: 1:2.18

Medium: H07T10N1_0119 Medium parameters used (interpolated): $f = 823.1$ MHz; $\sigma = 0.909$ S/m;

$\epsilon_r = 42.492$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(10.11, 10.11, 10.11) @ 823.1 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 19.15 V/m; Power Drift = -0.03 dB

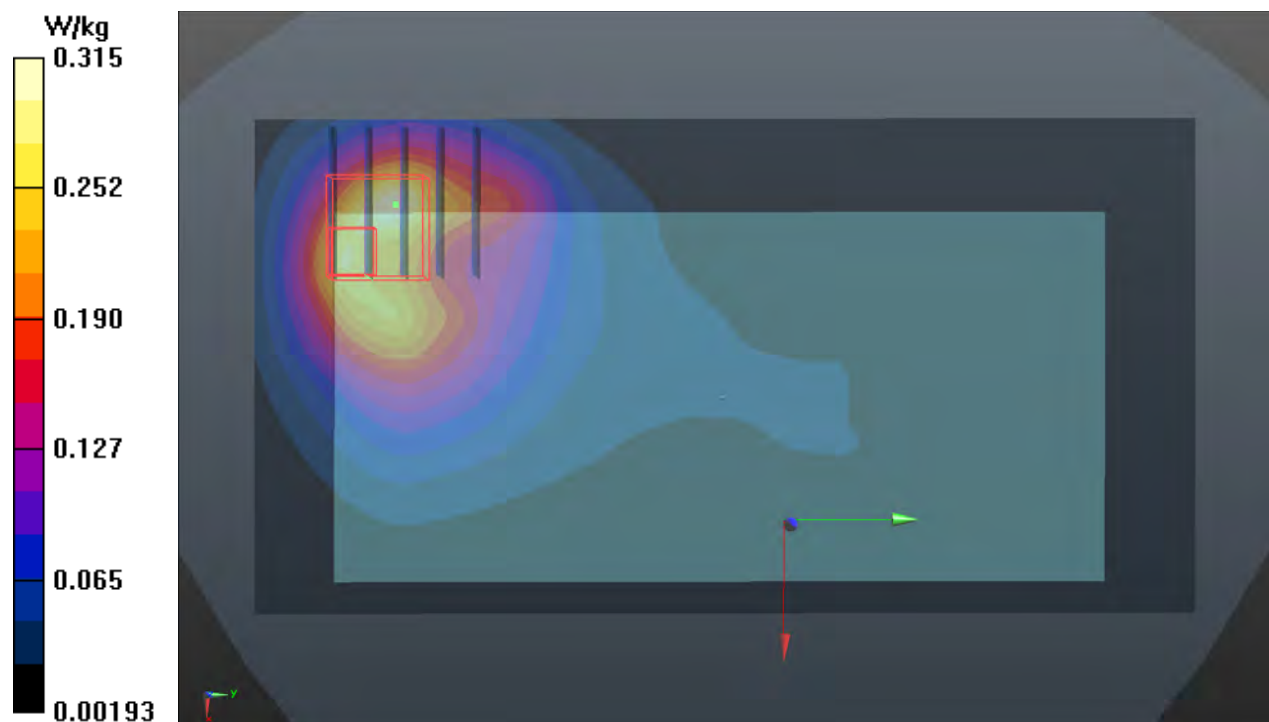
Peak SAR (extrapolated) = 0.365 W/kg

SAR(1 g) = 0.222 W/kg; SAR(10 g) = 0.138 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 12.9 mm

Ratio of SAR at M2 to SAR at M1 = 61.4%

Maximum value of SAR (measured) = 0.309 W/kg



P147 LTE 2_QPSK20M_Rear Face_15mm_Ch19100_1RB_OS0_Ant 1

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1900 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0114 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.457$ S/m; $\epsilon_r = 39.583$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.22, 8.22, 8.22) @ 1900 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.670 W/kg

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

Reference Value = 21.74 V/m; Power Drift = -0.07 dB

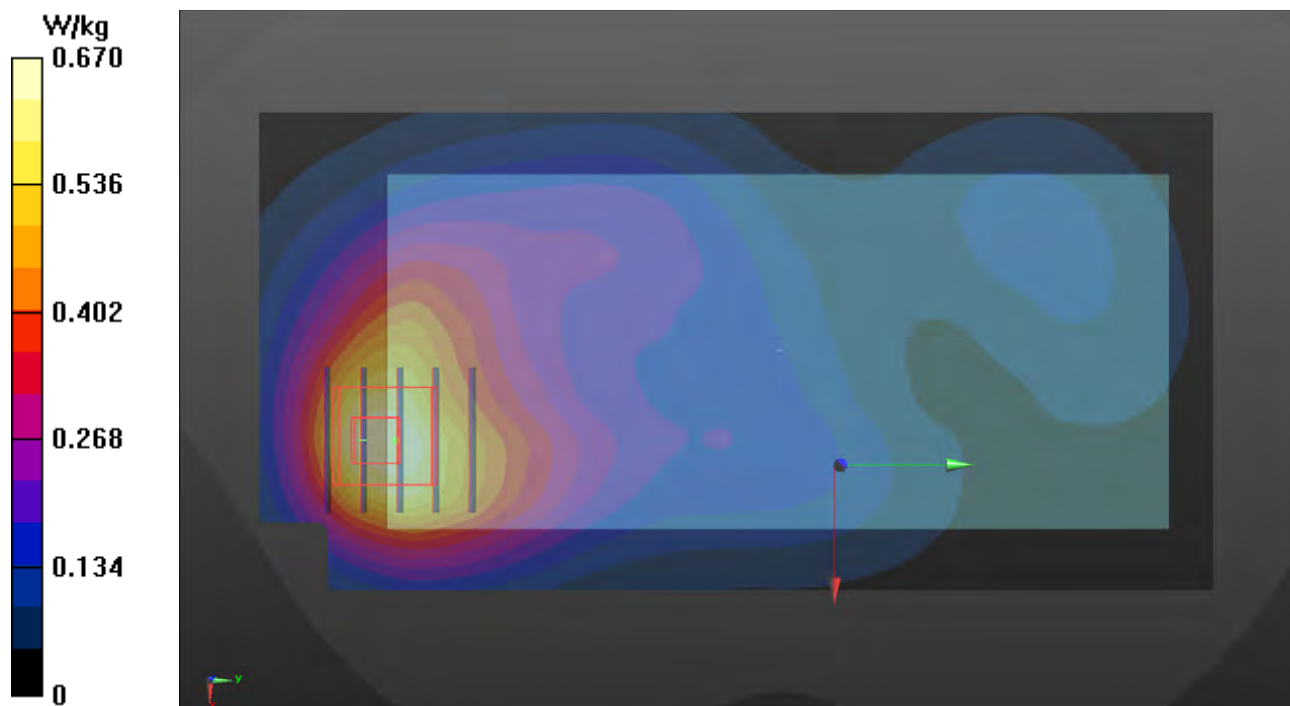
Peak SAR (extrapolated) = 0.803 W/kg

SAR(1 g) = 0.470 W/kg; SAR(10 g) = 0.296 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 17.3 mm

Ratio of SAR at M2 to SAR at M1 = 60.2%

Maximum value of SAR (measured) = 0.668 W/kg



P148 LTE 2_QPSK20M_Front Face_15mm_Ch18700_1RB_OS0_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1860 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0114 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.424$ S/m; $\epsilon_r = 39.702$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.22, 8.22, 8.22) @ 1860 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.185 W/kg

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

Reference Value = 11.41 V/m; Power Drift = 0.06 dB

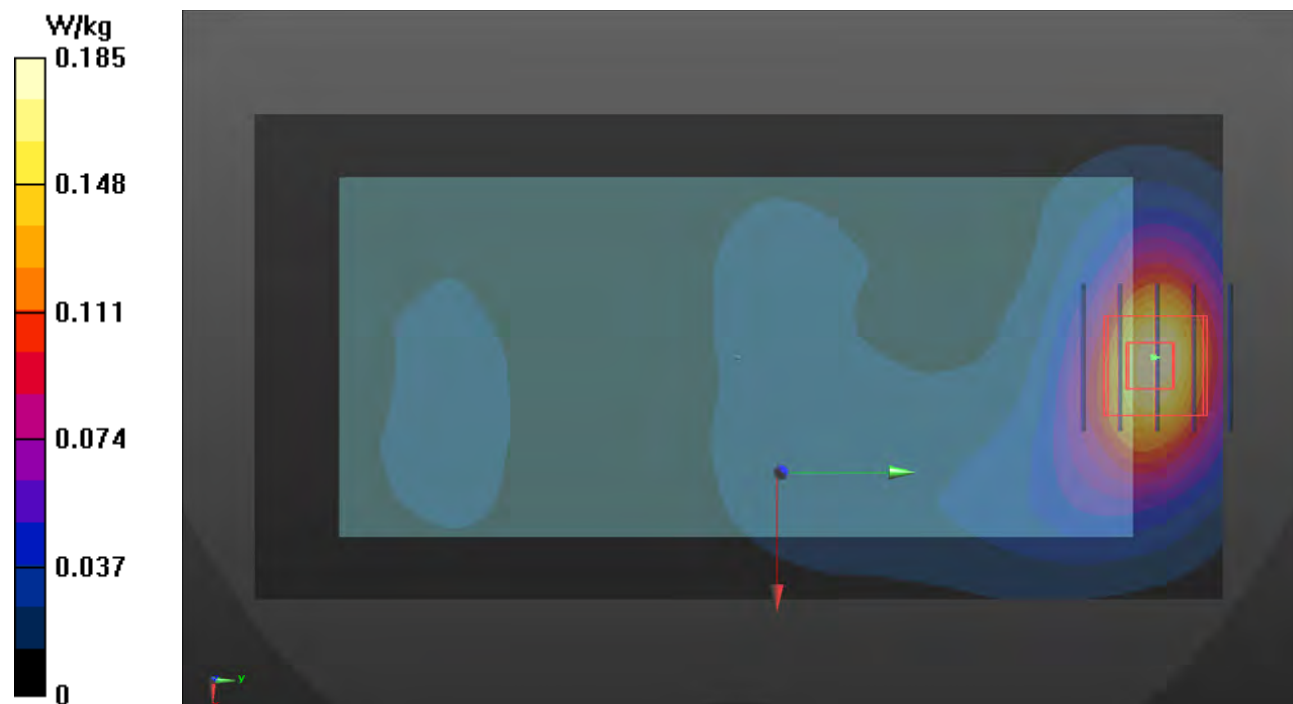
Peak SAR (extrapolated) = 0.217 W/kg

SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.074 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 12.2 mm

Ratio of SAR at M2 to SAR at M1 = 61%

Maximum value of SAR (measured) = 0.182 W/kg



P149 LTE 2_QPSK20M_Rear Face_15mm_Ch19100_1RB_OS0_Ant 8

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1900 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0114 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.457$ S/m; $\epsilon_r = 39.583$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.22, 8.22, 8.22) @ 1900 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 11.59 V/m; Power Drift = -0.08 dB

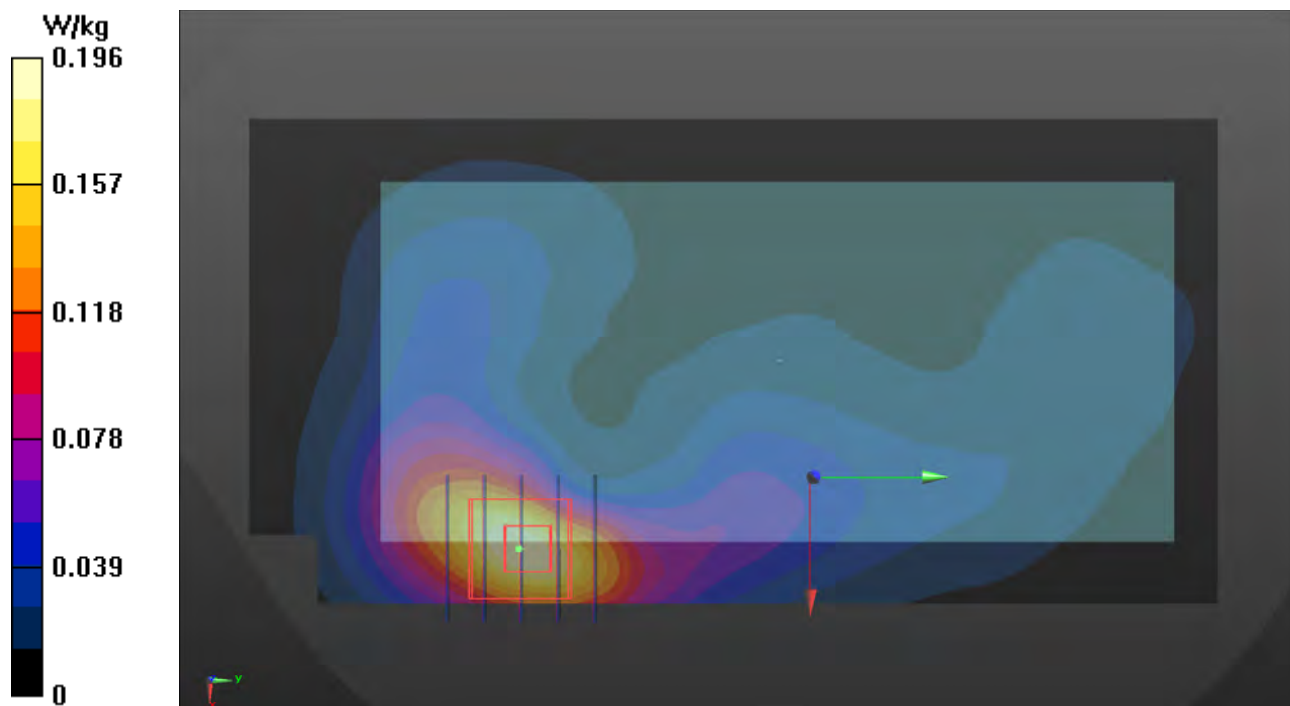
Peak SAR (extrapolated) = 0.225 W/kg

SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.077 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 11.5 mm

Ratio of SAR at M2 to SAR at M1 = 60.7%

Maximum value of SAR (measured) = 0.188 W/kg



P150 LTE 2_QPSK20M_Front Face_15mm_Ch18700_1RB_OS0_Ant 9

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1860 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0114 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.424$ S/m; $\epsilon_r = 39.702$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.22, 8.22, 8.22) @ 1860 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.396 W/kg

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

Reference Value = 16.86 V/m; Power Drift = -0.04 dB

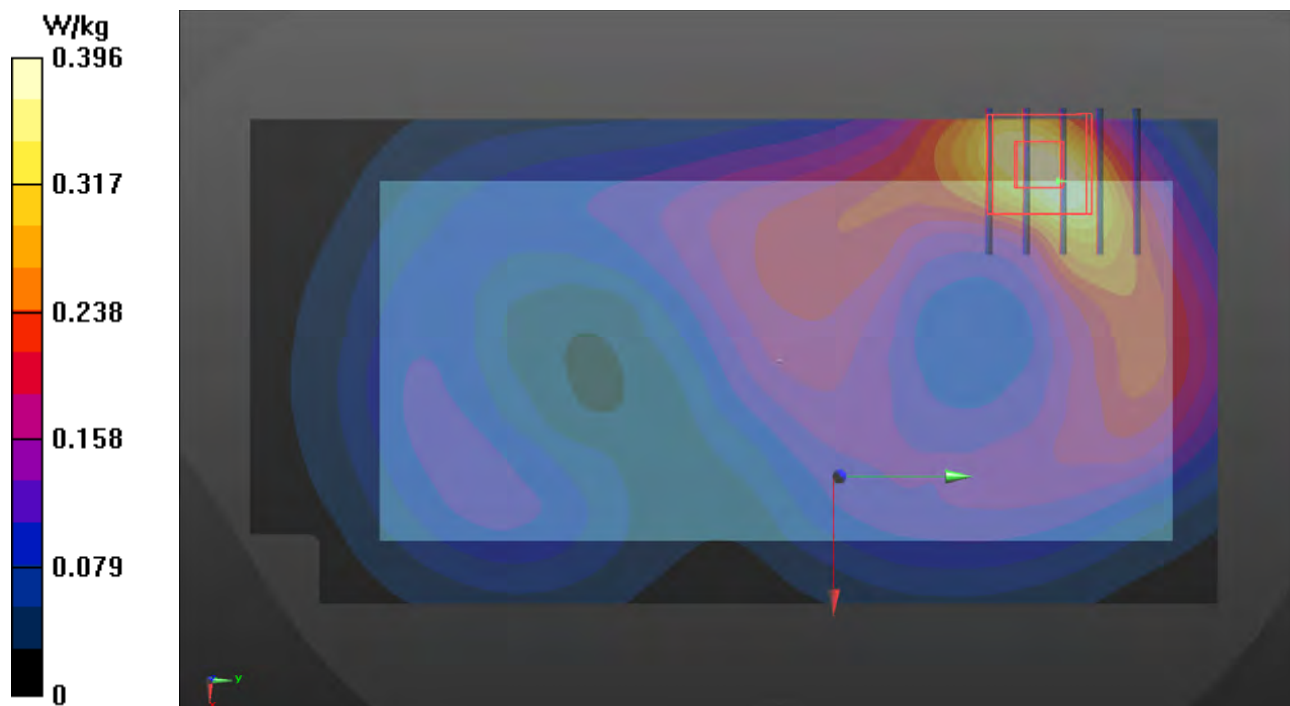
Peak SAR (extrapolated) = 0.514 W/kg

SAR(1 g) = 0.290 W/kg; SAR(10 g) = 0.170 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 12.9 mm

Ratio of SAR at M2 to SAR at M1 = 57%

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



P151 LTE 4_QPSK20M_Rear Face_15mm_Ch20300_1RB_OS0_Ant 1

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1745 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0115 Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.315$ S/m;
 $\epsilon_r = 39.374$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.61, 8.61, 8.61) @ 1745 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.486 W/kg

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

Reference Value = 19.98 V/m; Power Drift = -0.05 dB

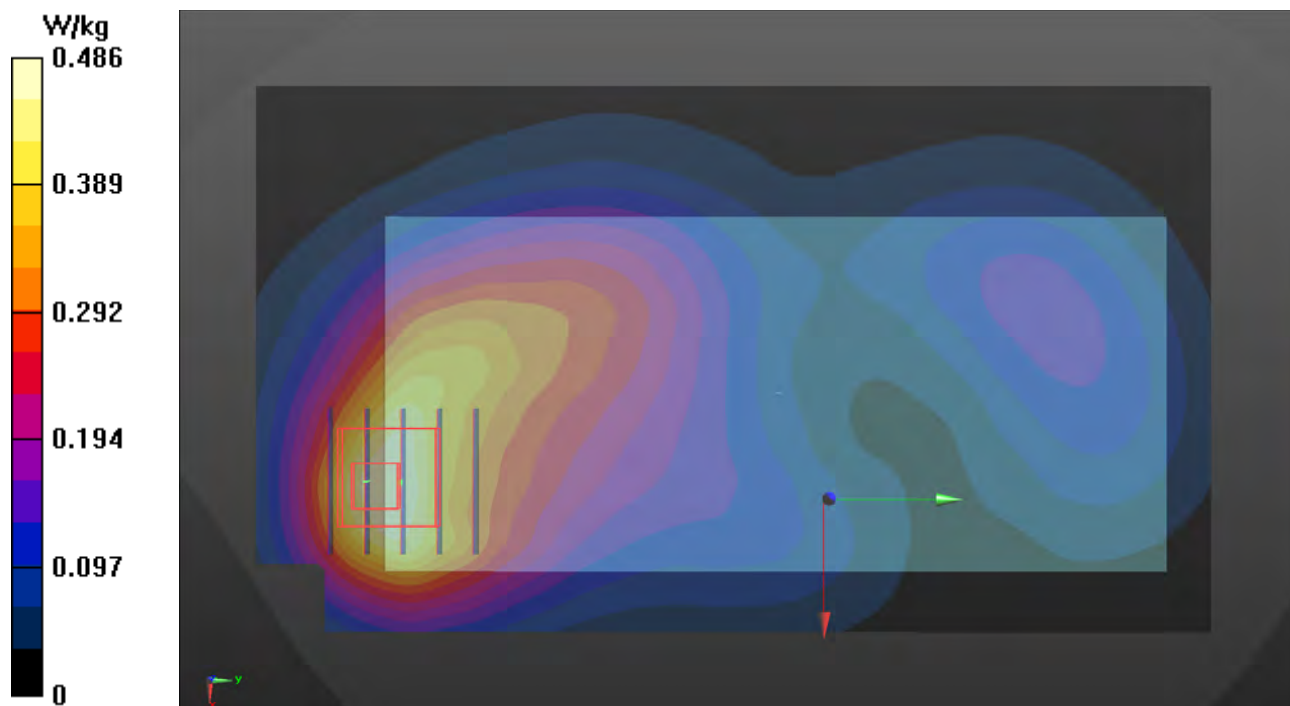
Peak SAR (extrapolated) = 0.584 W/kg

SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.237 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 17.3 mm

Ratio of SAR at M2 to SAR at M1 = 63.9%

Maximum value of SAR (measured) = 0.495 W/kg



P152 LTE 4_QPSK20M_Front Face_15mm_Ch20050_1RB_OS0_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1720 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0115 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.293$ S/m; $\epsilon_r = 39.497$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.61, 8.61, 8.61) @ 1720 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 9.925 V/m; Power Drift = -0.12 dB

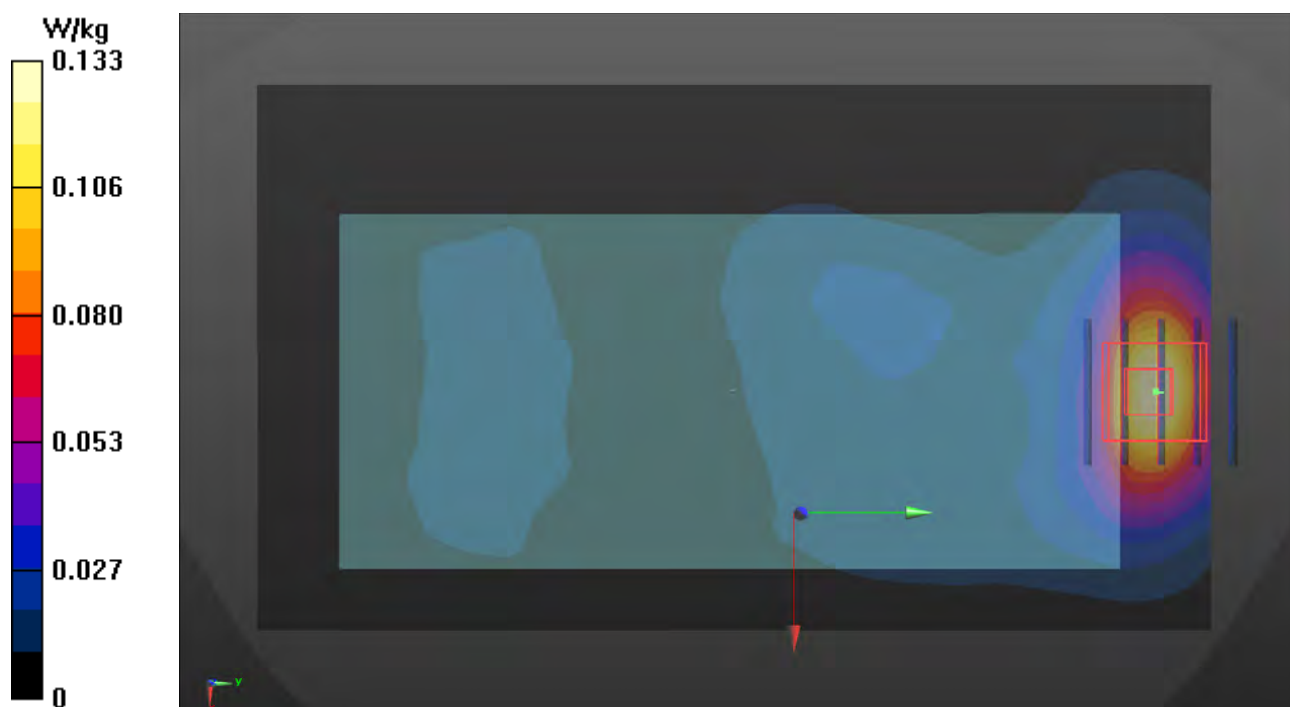
Peak SAR (extrapolated) = 0.150 W/kg

SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.054 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 63.3%

Maximum value of SAR (measured) = 0.125 W/kg



P153 LTE 4_QPSK20M_Front Face_15mm_Ch20050_1RB_OS0_Ant 8

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1720 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0115 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.293$ S/m; $\epsilon_r = 39.497$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.61, 8.61, 8.61) @ 1720 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0799 W/kg

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

Reference Value = 7.437 V/m; Power Drift = -0.09 dB

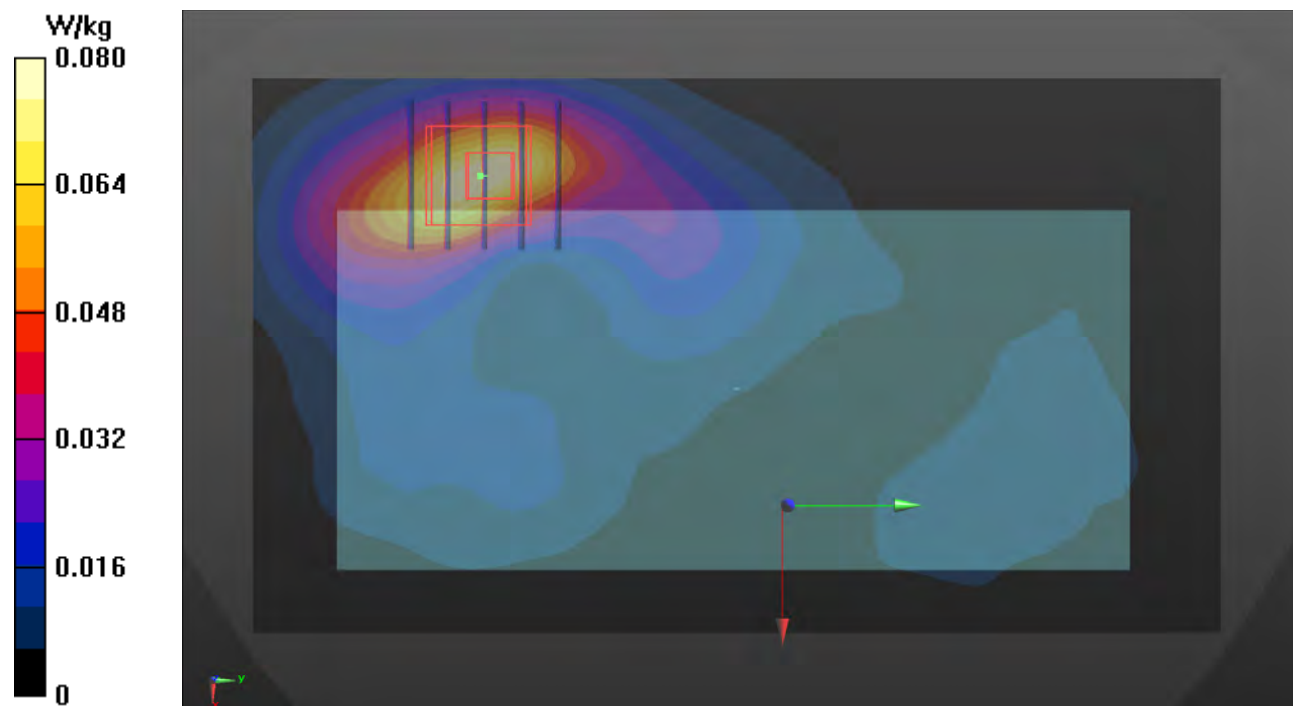
Peak SAR (extrapolated) = 0.103 W/kg

SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.035 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 60.2%

Maximum value of SAR (measured) = 0.0861 W/kg



P154 LTE 4_QPSK20M_Front Face_15mm_Ch20300_1RB_OS0_Ant 9

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1745 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0115 Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.315$ S/m;
 $\epsilon_r = 39.374$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.61, 8.61, 8.61) @ 1745 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.284 W/kg

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

Reference Value = 15.08 V/m; Power Drift = -0.02 dB

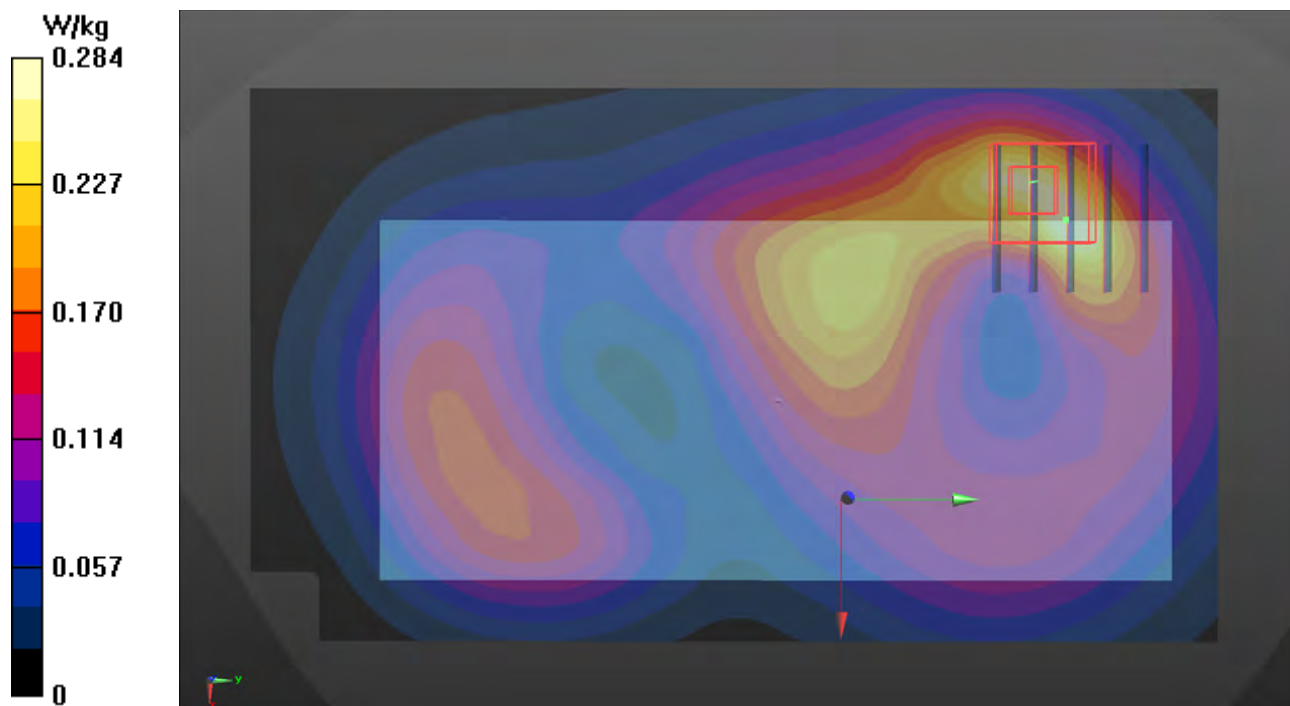
Peak SAR (extrapolated) = 0.359 W/kg

SAR(1 g) = 0.215 W/kg; SAR(10 g) = 0.125 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 11.5 mm

Ratio of SAR at M2 to SAR at M1 = 61.4%

Maximum value of SAR (measured) = 0.295 W/kg



P155 LTE 5_QPSK10M_Rear Face_15mm_Ch20600_1RB_OS0_Ant 0

DUT: BFLF-WTW-P20120540

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);

Frequency: 844 MHz; Duty Cycle: 1:3.74

Medium: H07T10N3_0116 Medium parameters used: $f = 844$ MHz; $\sigma = 0.935$ S/m; $\epsilon_r = 42.326$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(9.82, 9.82, 9.82) @ 844 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.433 W/kg

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

Reference Value = 17.52 V/m; Power Drift = 0.12 dB

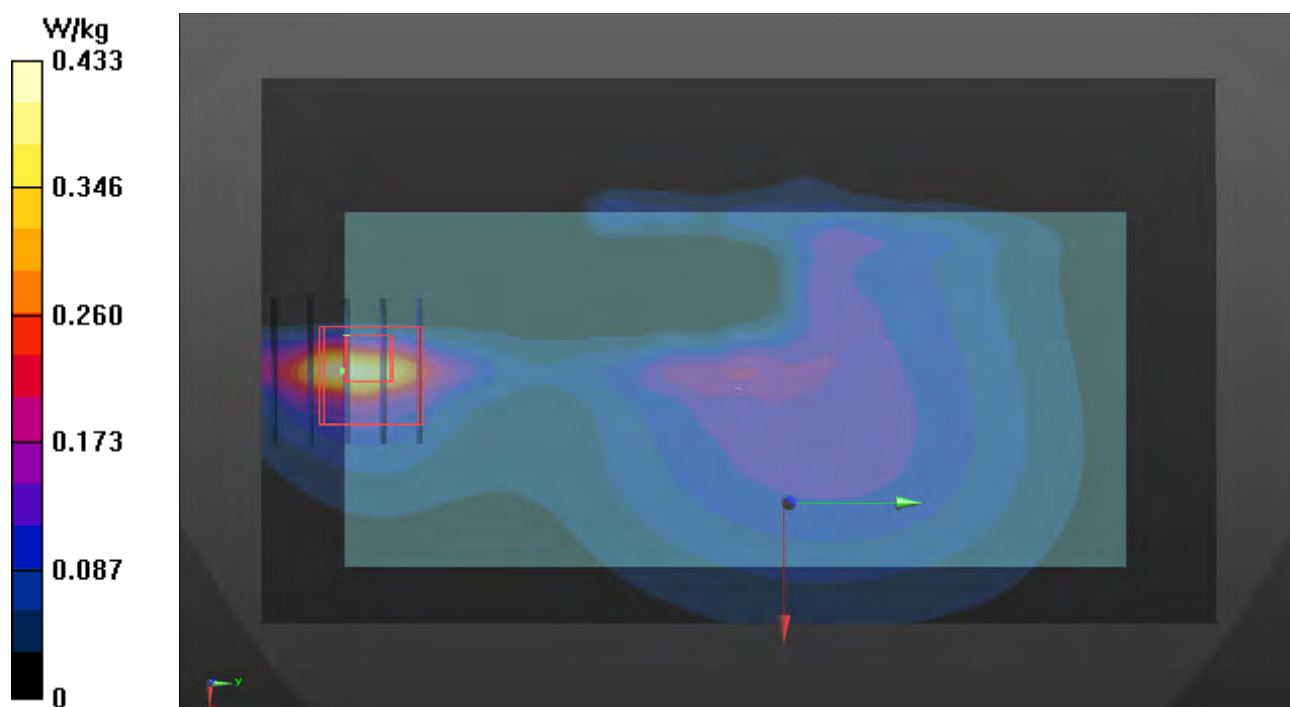
Peak SAR (extrapolated) = 0.659 W/kg

SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.107 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 44.1%

Maximum value of SAR (measured) = 0.258 W/kg



P156 LTE 5_QPSK10M_Front Face_15mm_Ch20450_1RB_OS0_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);
Frequency: 829 MHz; Duty Cycle: 1:3.74

Medium: H07T10N3_0116 Medium parameters used: $f = 829$ MHz; $\sigma = 0.921$ S/m; $\epsilon_r = 42.52$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(9.82, 9.82, 9.82) @ 829 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.124 W/kg

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

Reference Value = 11.65 V/m; Power Drift = -0.04 dB

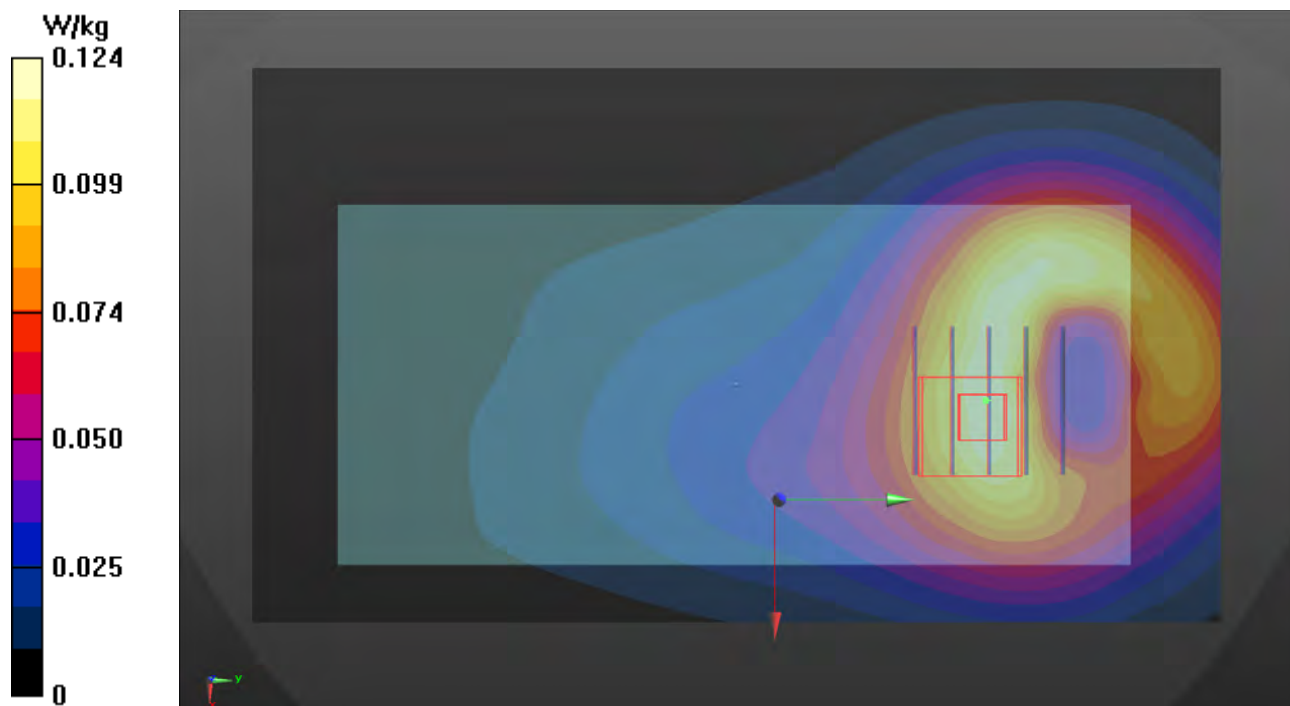
Peak SAR (extrapolated) = 0.139 W/kg

SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.066 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 16 mm

Ratio of SAR at M2 to SAR at M1 = 68.3%

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



P157 LTE 7_QPSK20M_Rear Fcae_15mm_Ch20850_1RB_OS0_Ant 1

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 2510 MHz; Duty Cycle: 1:3.74

Medium: H19T27N1_0121 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.931$ S/m; $\epsilon_r = 37.934$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.28, 7.28, 7.28) @ 2510 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

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

Reference Value = 20.14 V/m; Power Drift = -0.08 dB

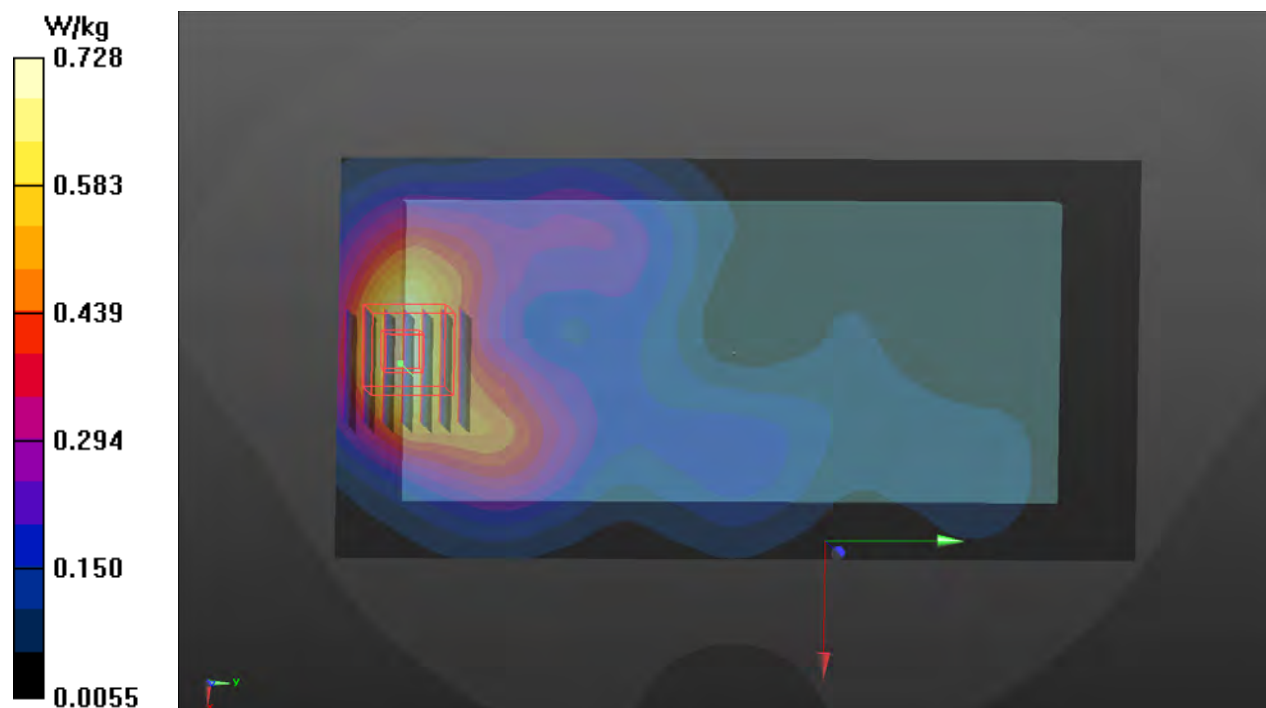
Peak SAR (extrapolated) = 0.858 W/kg

SAR(1 g) = 0.490 W/kg; SAR(10 g) = 0.284 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 14.9 mm

Ratio of SAR at M2 to SAR at M1 = 56.9%

Maximum value of SAR (measured) = 0.726 W/kg



P158 LTE 7_QPSK20M_Rear Fcae_15mm_Ch21350_1RB_OS0_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 2560 MHz; Duty Cycle: 1:3.74

Medium: H19T27N1_0121 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.983$ S/m; $\epsilon_r = 37.724$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.28, 7.28, 7.28) @ 2560 MHz; Calibrated: 2020/09/28

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15

- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.314 W/kg

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

Reference Value = 12.15 V/m; Power Drift = -0.04 dB

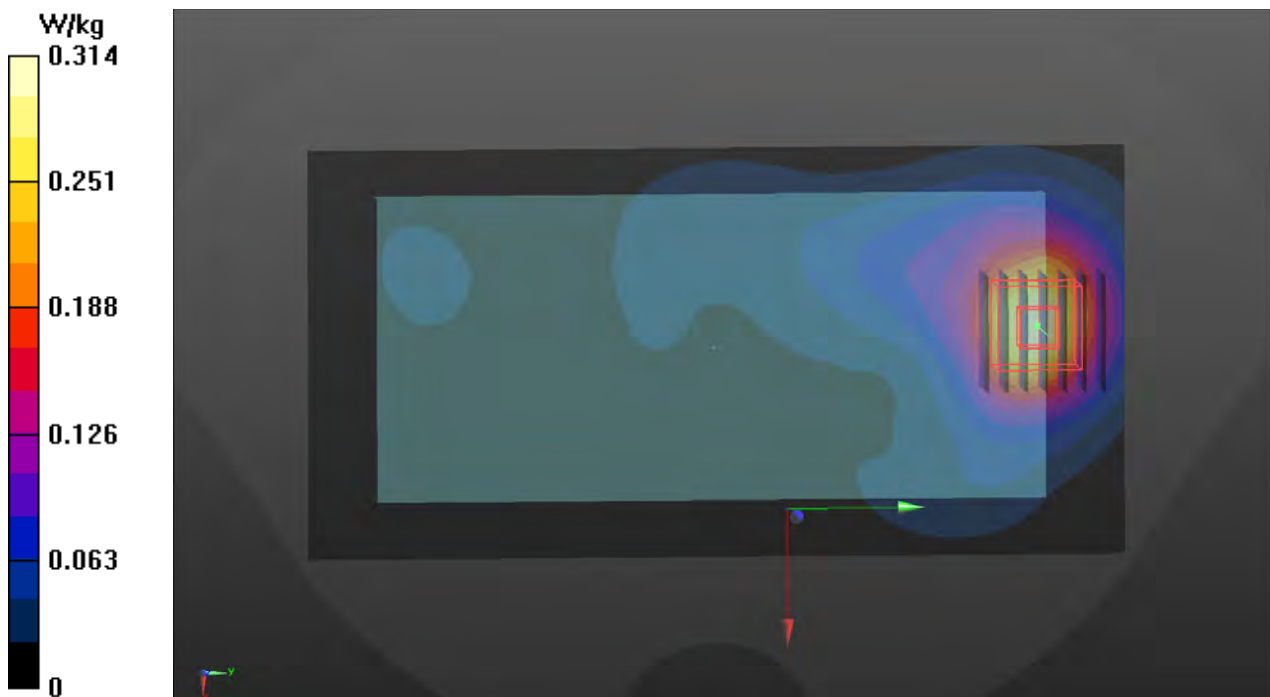
Peak SAR (extrapolated) = 0.384 W/kg

SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.115 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 14.1 mm

Ratio of SAR at M2 to SAR at M1 = 55.7%

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



P159 LTE 7_QPSK20M_Front Fcae_15mm_Ch21350_1RB_OS0_Ant 8

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2560 MHz; Duty Cycle: 1:3.74

Medium: H19T27N1_0121 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.983$ S/m; $\epsilon_r = 37.724$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.28, 7.28, 7.28) @ 2560 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

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

Reference Value = 9.202 V/m; Power Drift = -0.03 dB

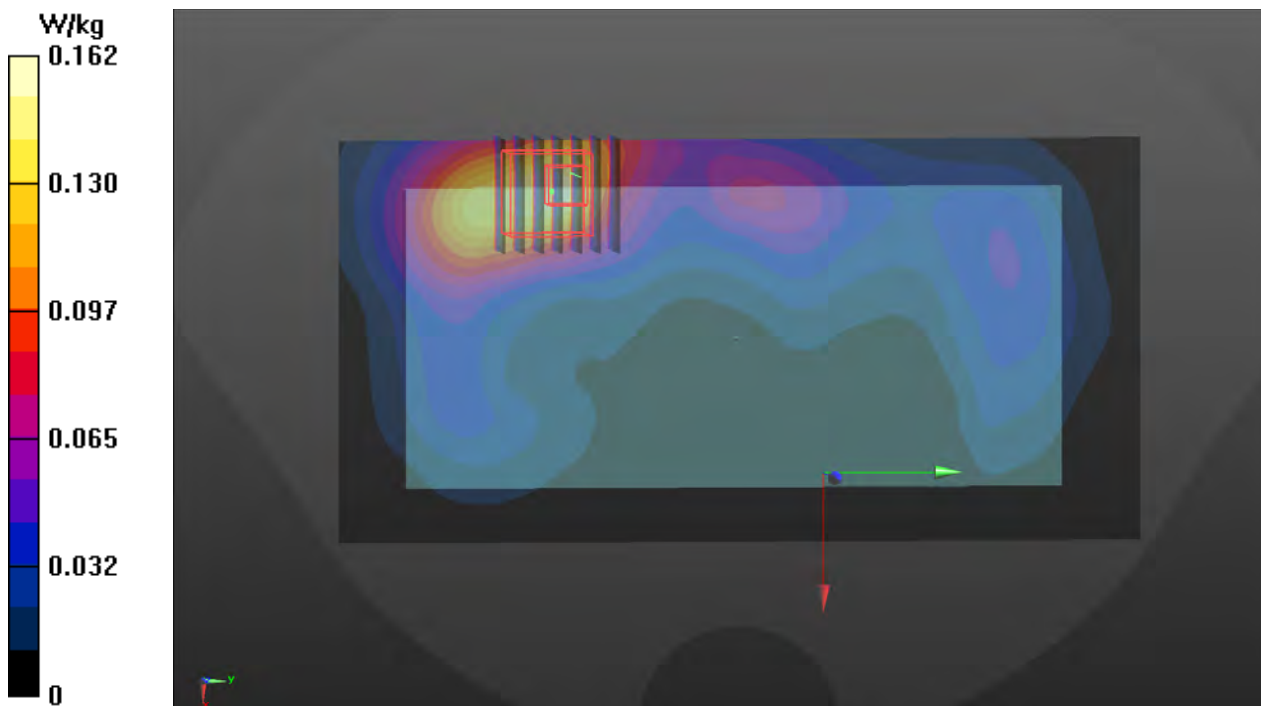
Peak SAR (extrapolated) = 0.195 W/kg

SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.057 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 15.6 mm

Ratio of SAR at M2 to SAR at M1 = 51.1%

Maximum value of SAR (measured) = 0.157 W/kg



P160 LTE 7_QPSK20M_Front Fcae_15mm_Ch20850_1RB_OS0_Ant 9

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2510 MHz; Duty Cycle: 1:3.74

Medium: H19T27N1_0121 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.931$ S/m; $\epsilon_r = 37.934$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.28, 7.28, 7.28) @ 2510 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.308 W/kg

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

Reference Value = 13.34 V/m; Power Drift = -0.05 dB

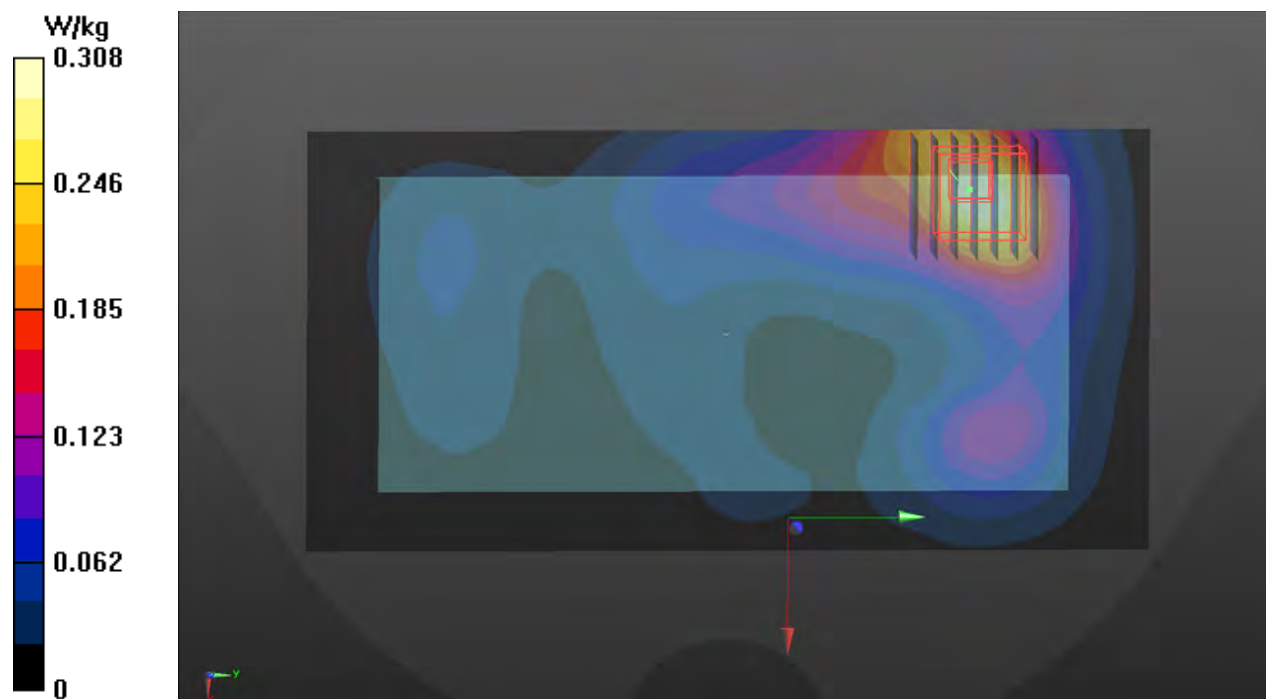
Peak SAR (extrapolated) = 0.382 W/kg

SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.117 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 14.2 mm

Ratio of SAR at M2 to SAR at M1 = 53.1%

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



P161 LTE 12_QPSK10M_Front Face_15mm_Ch23060_1RB_OS0_Ant 0

DUT: BFLF-WTW-P20120540

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);

Frequency: 704 MHz; Duty Cycle: 1:3.74

Medium: H06T09N1_0117 Medium parameters used: $f = 704$ MHz; $\sigma = 0.851$ S/m; $\epsilon_r = 44.013$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(10.04, 10.04, 10.04) @ 704 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.182 W/kg

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

Reference Value = 15.22 V/m; Power Drift = -0.03 dB

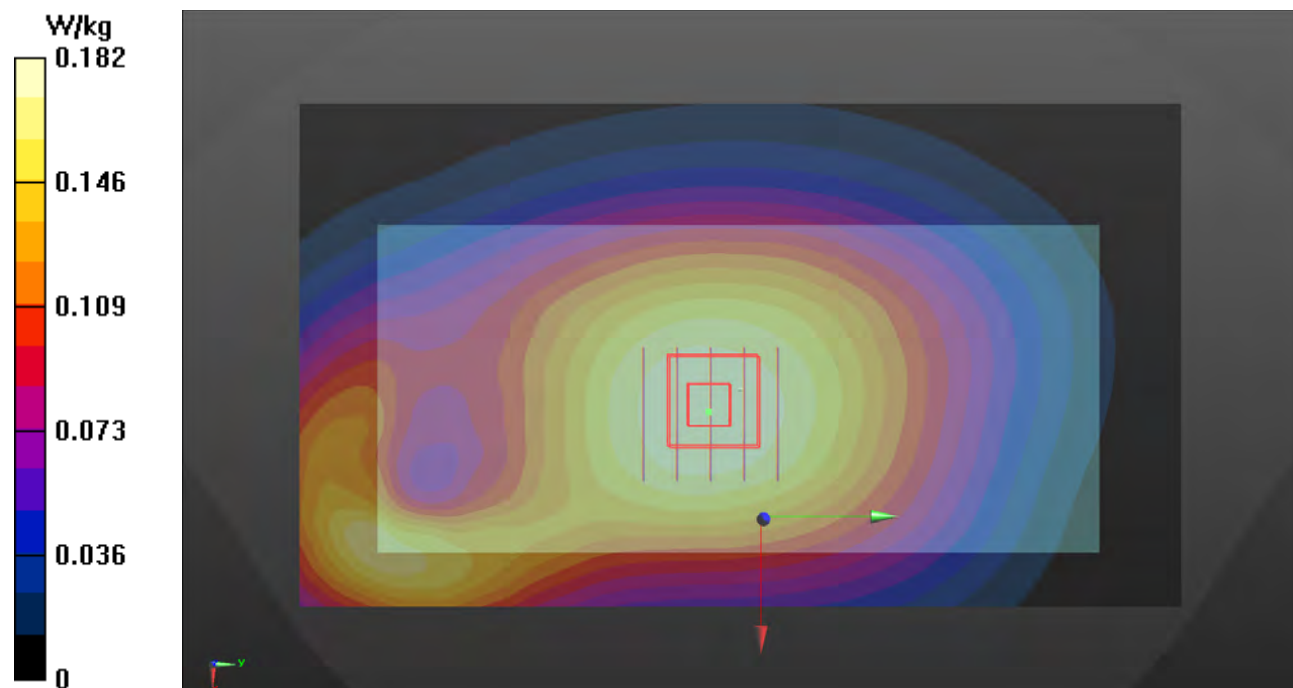
Peak SAR (extrapolated) = 0.201 W/kg

SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.126 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 76.9%

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



P162 LTE 12_QPSK10M_Front Face_15mm_Ch23060_1RB_OS0_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);

Frequency: 704 MHz; Duty Cycle: 1:3.74

Medium: H06T09N1_0117 Medium parameters used: $f = 704$ MHz; $\sigma = 0.851$ S/m; $\epsilon_r = 44.013$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(10.04, 10.04, 10.04) @ 704 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0873 W/kg

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

Reference Value = 10.54 V/m; Power Drift = -0.06 dB

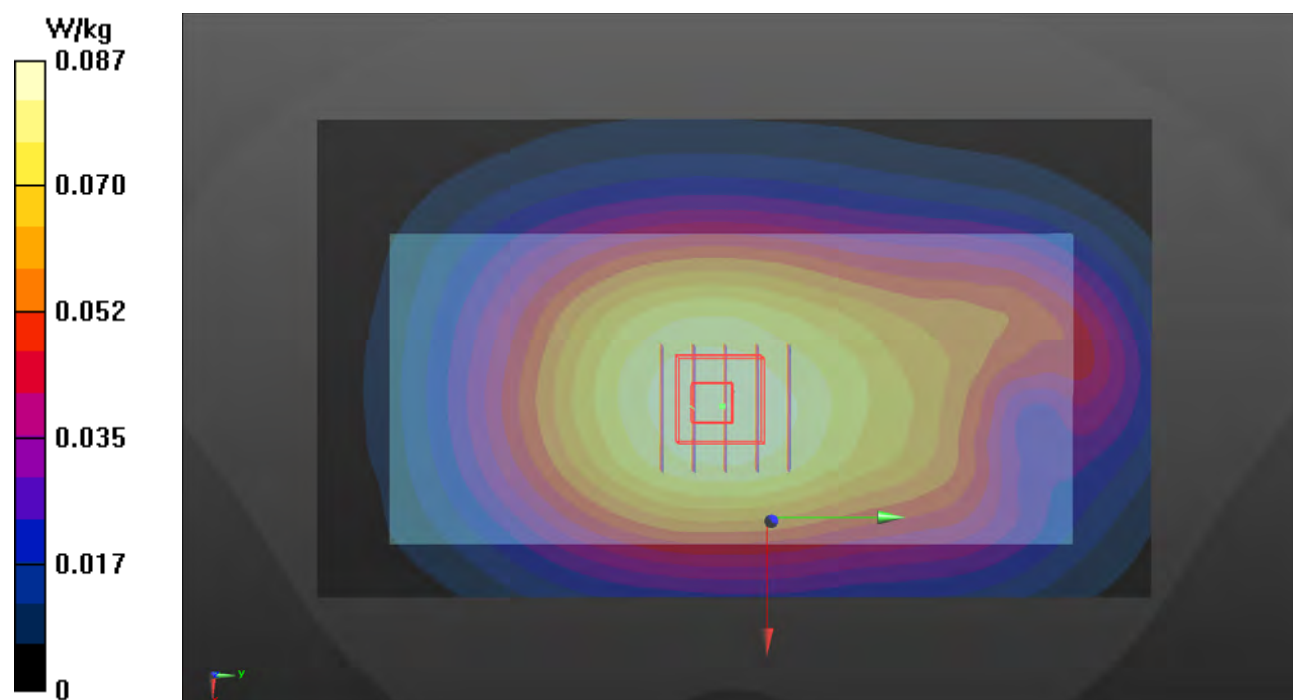
Peak SAR (extrapolated) = 0.0950 W/kg

SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.061 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 77.1%

Maximum value of SAR (measured) = 0.0867 W/kg



P163 LTE 13_QPSK10M_Rear Face_15mm_Ch23230_1RB_OS0_Ant 0

DUT: BFLF-WTW-P20120540

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);

Frequency: 782 MHz; Duty Cycle: 1:3.74

Medium: H06T09N1_0117 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.923 \text{ S/m}$; $\epsilon_r = 43.013$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(10.04, 10.04, 10.04) @ 782 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0858 W/kg

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

Reference Value = 9.739 V/m; Power Drift = -0.15 dB

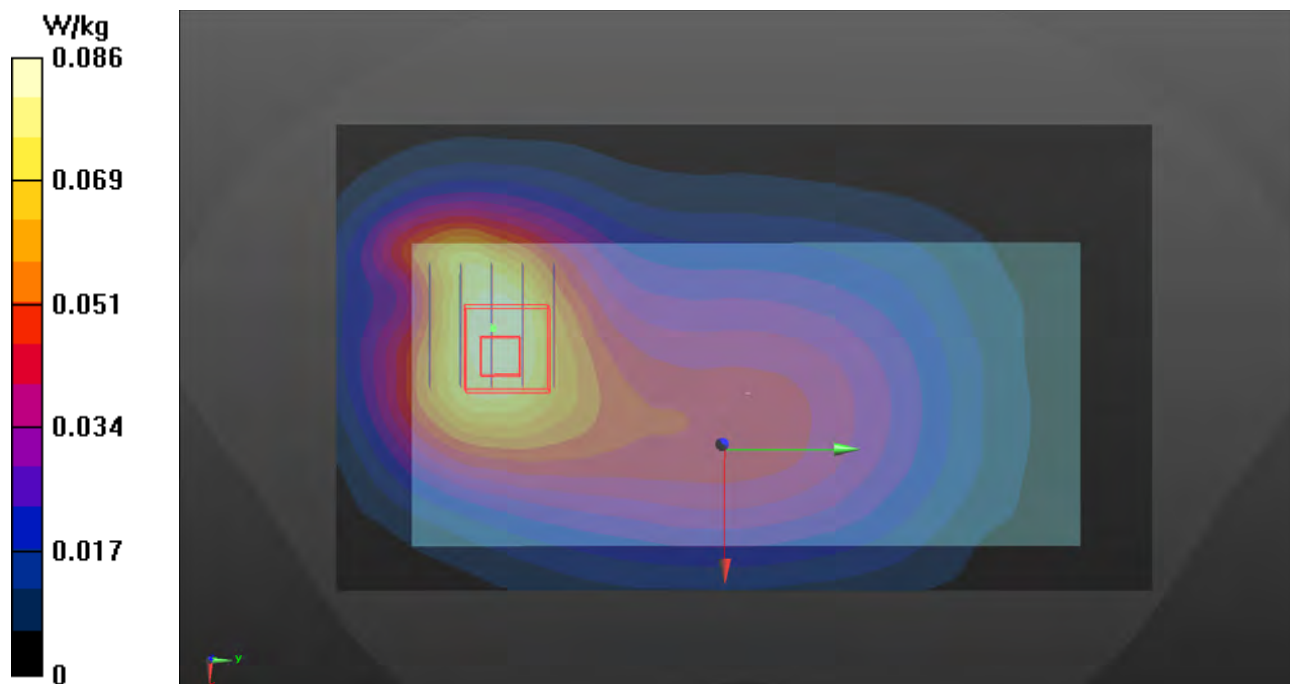
Peak SAR (extrapolated) = 0.100 W/kg

SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.044 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 63.6%

Maximum value of SAR (measured) = 0.0858 W/kg



P164 LTE 13_QPSK10M_Front Face_15mm_Ch23230_1RB_OS0_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);

Frequency: 782 MHz; Duty Cycle: 1:3.74

Medium: H06T09N1_0117 Medium parameters used: $f = 782$ MHz; $\sigma = 0.923$ S/m; $\epsilon_r = 43.013$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(10.04, 10.04, 10.04) @ 782 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 13.24 V/m; Power Drift = 0.01 dB

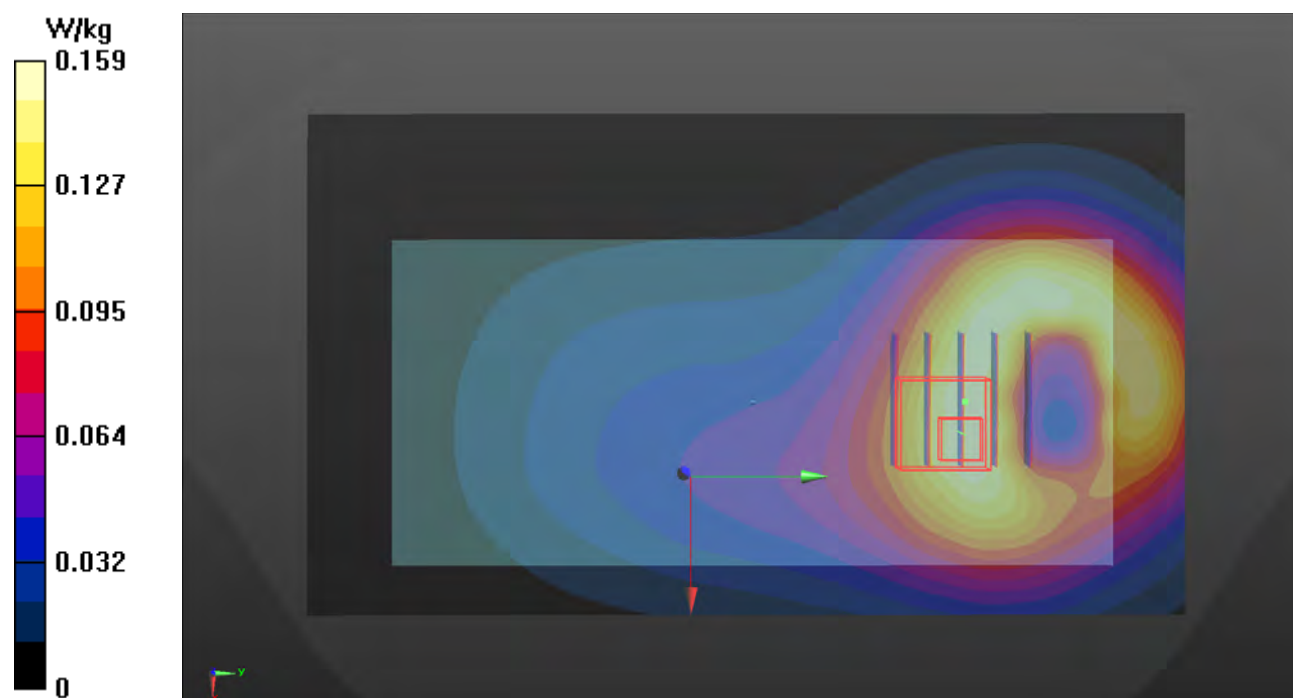
Peak SAR (extrapolated) = 0.180 W/kg

SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.083 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 14.5 mm

Ratio of SAR at M2 to SAR at M1 = 68.6%

Maximum value of SAR (measured) = 0.157 W/kg



P165 LTE 14_QPSK10M_Rear Face_15mm_Ch23330_1RB_OS0_Ant 0

DUT: BFLF-WTW-P20120540

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);

Frequency: 793 MHz; Duty Cycle: 1:3.74

Medium: H06T09N1_0117 Medium parameters used: $f = 793$ MHz; $\sigma = 0.933$ S/m; $\epsilon_r = 42.878$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(10.04, 10.04, 10.04) @ 793 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.319 W/kg

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

Reference Value = 19.24 V/m; Power Drift = -0.02 dB

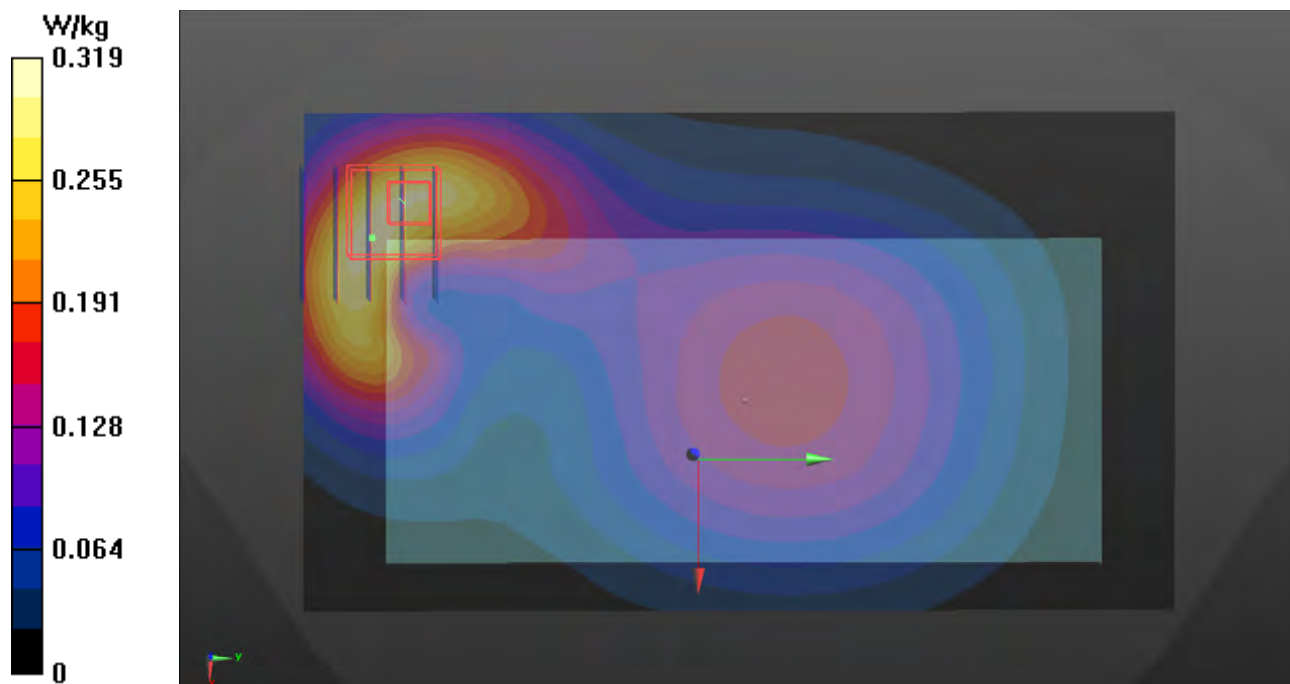
Peak SAR (extrapolated) = 0.379 W/kg

SAR(1 g) = 0.231 W/kg; SAR(10 g) = 0.144 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 12.9 mm

Ratio of SAR at M2 to SAR at M1 = 63.4%

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



P166 LTE 14_QPSK10M_Front Face_15mm_Ch23330_1RB_OS0_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);

Frequency: 793 MHz; Duty Cycle: 1:3.74

Medium: H06T09N1_0117 Medium parameters used: $f = 793$ MHz; $\sigma = 0.933$ S/m; $\epsilon_r = 42.878$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(10.04, 10.04, 10.04) @ 793 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 12.22 V/m; Power Drift = -0.03 dB

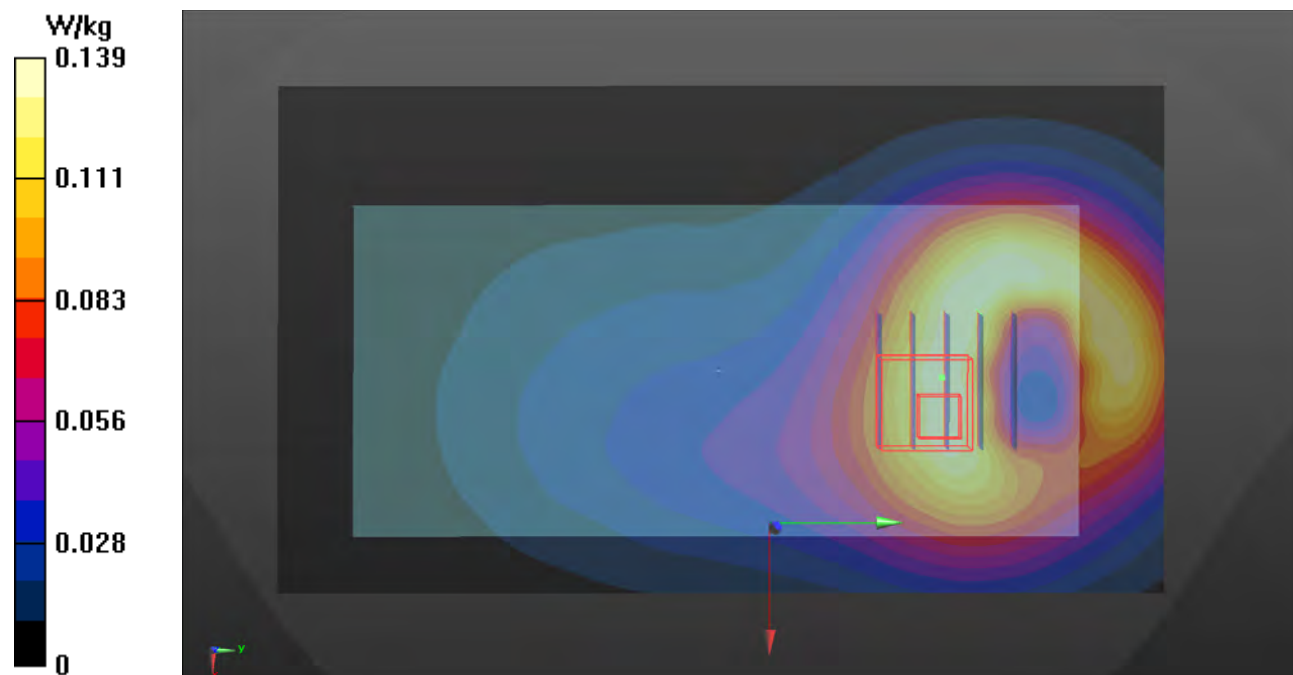
Peak SAR (extrapolated) = 0.158 W/kg

SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.071 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 14.8 mm

Ratio of SAR at M2 to SAR at M1 = 62.4%

Maximum value of SAR (measured) = 0.136 W/kg



P167 LTE 17_QPSK10M_Front Fcae_15mm_Ch23790_1RB_OS0_Ant 0

DUT: BFLF-WTW-P20120540

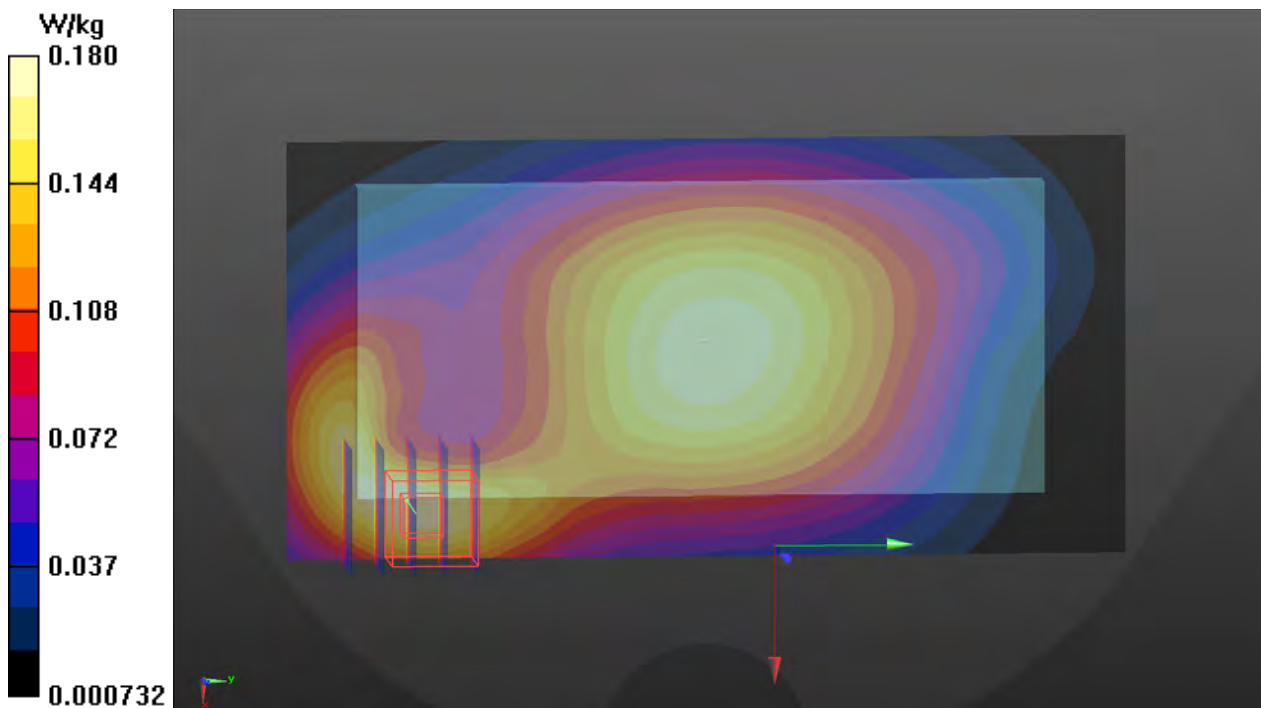
Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);
Frequency: 710 MHz; Duty Cycle: 1:3.74
Medium: H06T09N1_0122 Medium parameters used: $f = 710$ MHz; $\sigma = 0.853$ S/m; $\epsilon_r = 43.863$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.39, 10.39, 10.39) @ 710 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.180 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.31 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.210 W/kg
SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.093 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 16.7 mm
Ratio of SAR at M2 to SAR at M1 = 64.7%
Maximum value of SAR (measured) = 0.182 W/kg



P168 LTE 17_QPSK10M_Front Fcae_15mm_Ch23800_1RB_OS0_Ant 2

DUT: BFLF-WTW-P20120540

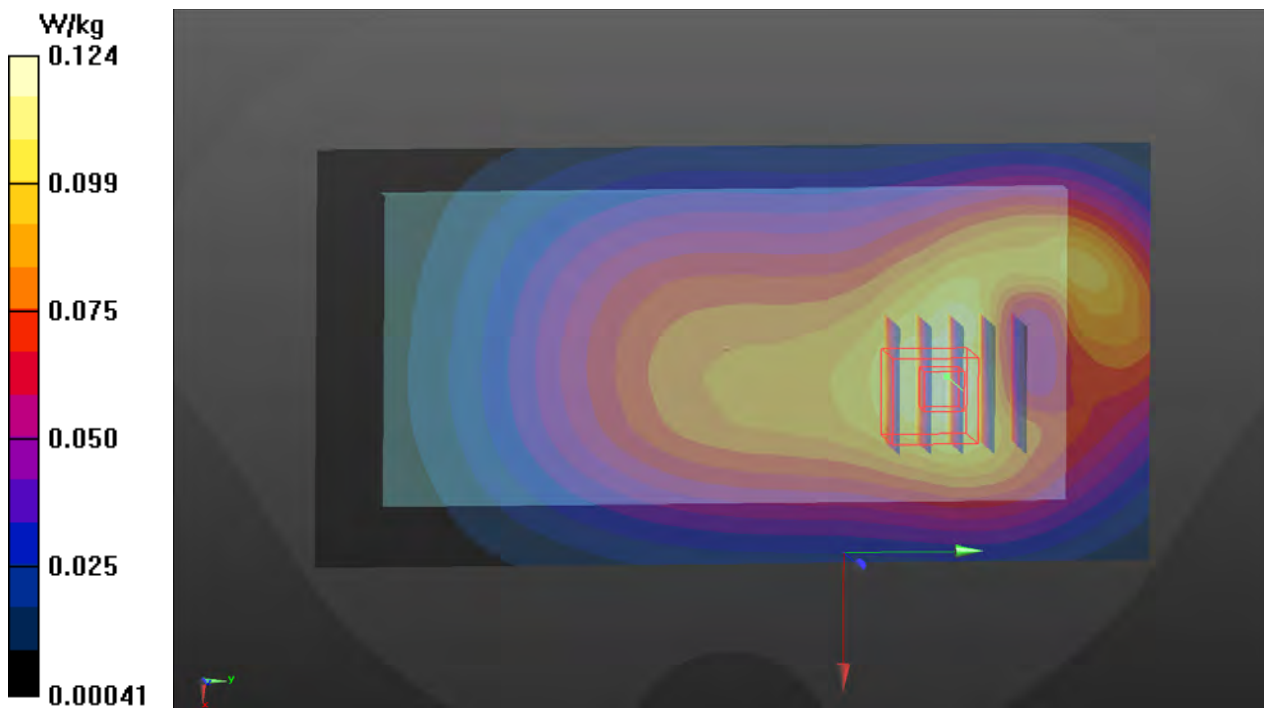
Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);
Frequency: 711 MHz; Duty Cycle: 1:3.74
Medium: H06T09N1_0122 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.854 \text{ S/m}$; $\epsilon_r = 43.854$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $23.7 \text{ }^\circ\text{C}$; Liquid Temperature : $23.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.39, 10.39, 10.39) @ 711 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.124 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 12.34 V/m ; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.134 W/kg
SAR(1 g) = 0.103 W/kg ; SAR(10 g) = 0.075 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 73.5%
Maximum value of SAR (measured) = 0.121 W/kg



P169 LTE 25_QPSK20M_Rear Face_15mm_Ch26140_1RB_OS0_Ant 1

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1860 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0114 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.424$ S/m; $\epsilon_r = 39.702$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.22, 8.22, 8.22) @ 1860 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.585 W/kg

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

Reference Value = 20.59 V/m; Power Drift = -0.04 dB

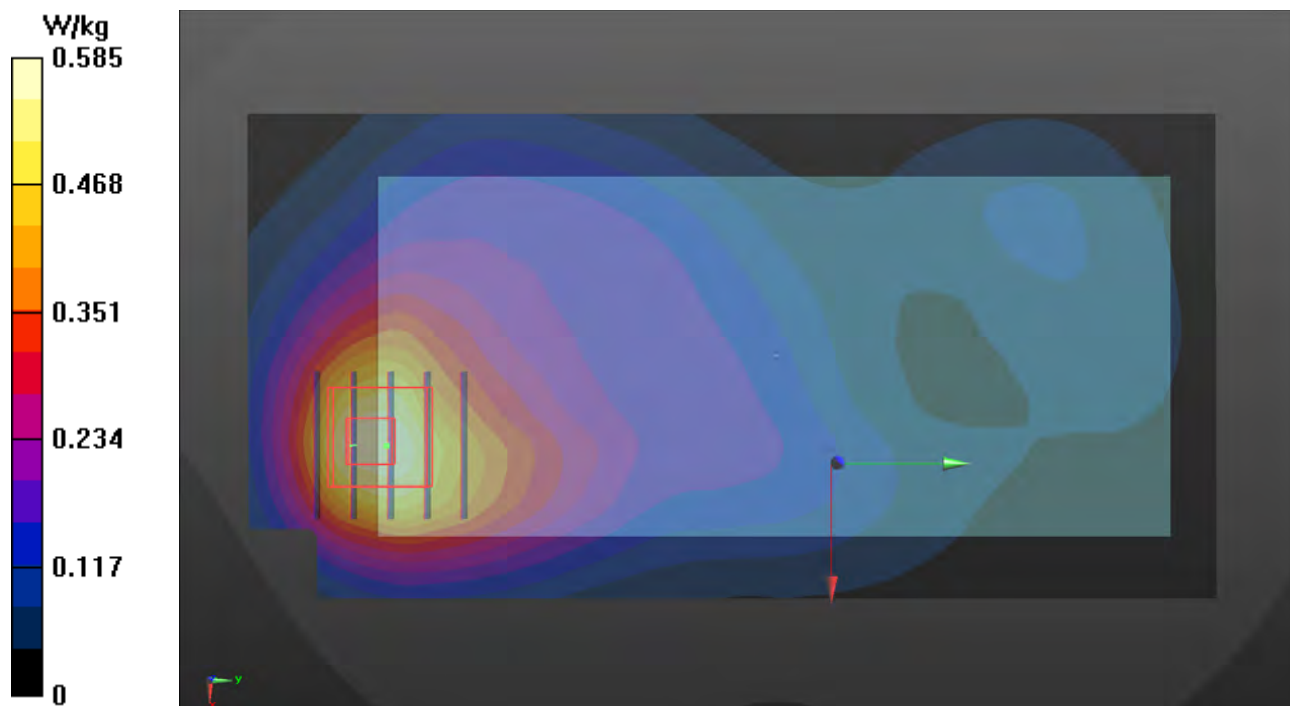
Peak SAR (extrapolated) = 0.713 W/kg

SAR(1 g) = 0.426 W/kg; SAR(10 g) = 0.267 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 17 mm

Ratio of SAR at M2 to SAR at M1 = 60.5%

Maximum value of SAR (measured) = 0.588 W/kg



P170 LTE 25_QPSK20M_Front Face_15mm_Ch26365_1RB_OS0_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1882.5 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0114 Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.442$ S/m;
 $\epsilon_r = 39.634$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.22, 8.22, 8.22) @ 1882.5 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 11.18 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.214 W/kg

SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.072 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 12.8 mm

Ratio of SAR at M2 to SAR at M1 = 61%

Maximum value of SAR (measured) = 0.180 W/kg



P171 LTE 25_QPSK20M_Rear Face_15mm_Ch26590_1RB_OS0_Ant 8

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1905 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0114 Medium parameters used (interpolated): $f = 1905$ MHz; $\sigma = 1.461$ S/m;
 $\epsilon_r = 39.574$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.22, 8.22, 8.22) @ 1905 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.208 W/kg

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

Reference Value = 11.75 V/m; Power Drift = -0.03 dB

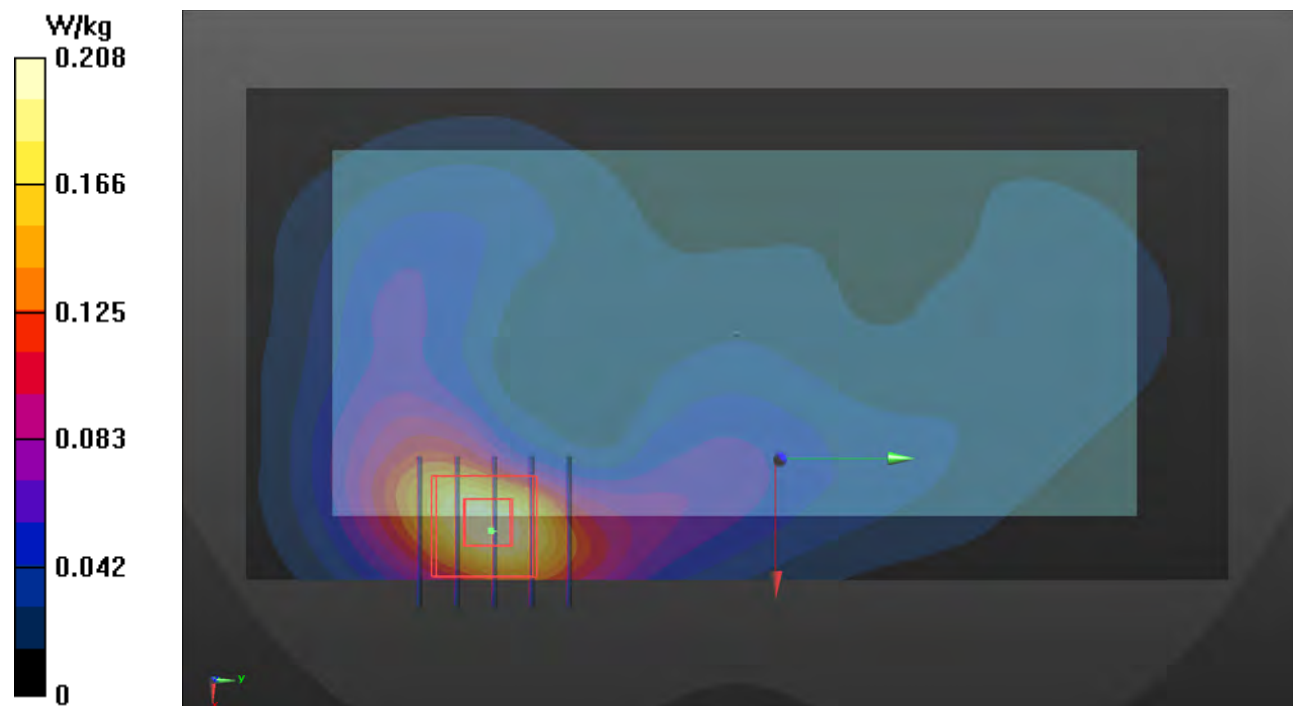
Peak SAR (extrapolated) = 0.246 W/kg

SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.084 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 12.9 mm

Ratio of SAR at M2 to SAR at M1 = 60.3%

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



P172 LTE 26_QPSK15M_Rear Face_15mm_Ch26765_1RB_OS0_Ant 0

DUT: BFLF-WTW-P20120540

Communication System: UID 10181 - CAE, LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK);
Frequency: 821.5 MHz; Duty Cycle: 1:3.74

Medium: H07T10N3_0116 Medium parameters used (interpolated): $f = 821.5$ MHz; $\sigma = 0.914$ S/m;
 $\epsilon_r = 42.62$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(9.82, 9.82, 9.82) @ 821.5 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 19.62 V/m; Power Drift = -0.09 dB

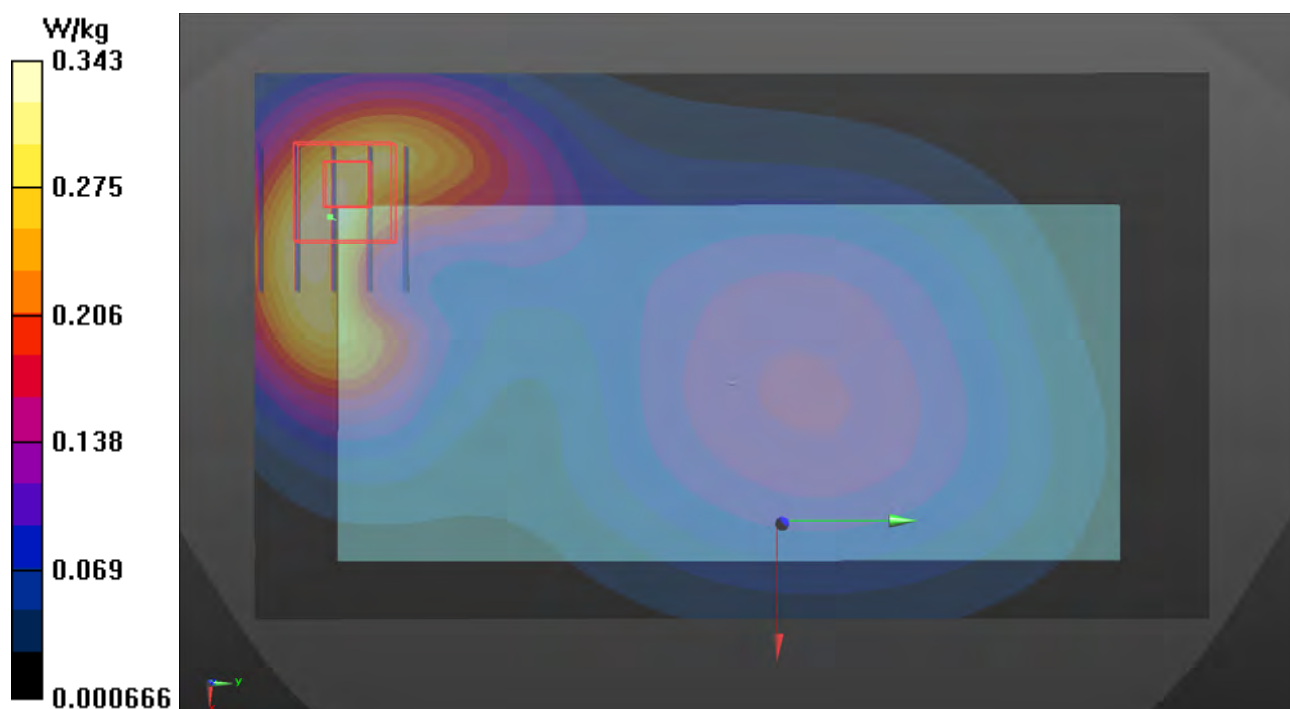
Peak SAR (extrapolated) = 0.400 W/kg

SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.154 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 13.6 mm

Ratio of SAR at M2 to SAR at M1 = 60.7%

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



P173 LTE 26_QPSK15M_Front Face_15mm_Ch26765_1RB_OS0_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10181 - CAE, LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK);
Frequency: 821.5 MHz; Duty Cycle: 1:3.74

Medium: H07T10N3_0116 Medium parameters used (interpolated): $f = 821.5$ MHz; $\sigma = 0.914$ S/m;
 $\epsilon_r = 42.62$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(9.82, 9.82, 9.82) @ 821.5 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0870 W/kg

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

Reference Value = 9.682 V/m; Power Drift = 0.00 dB

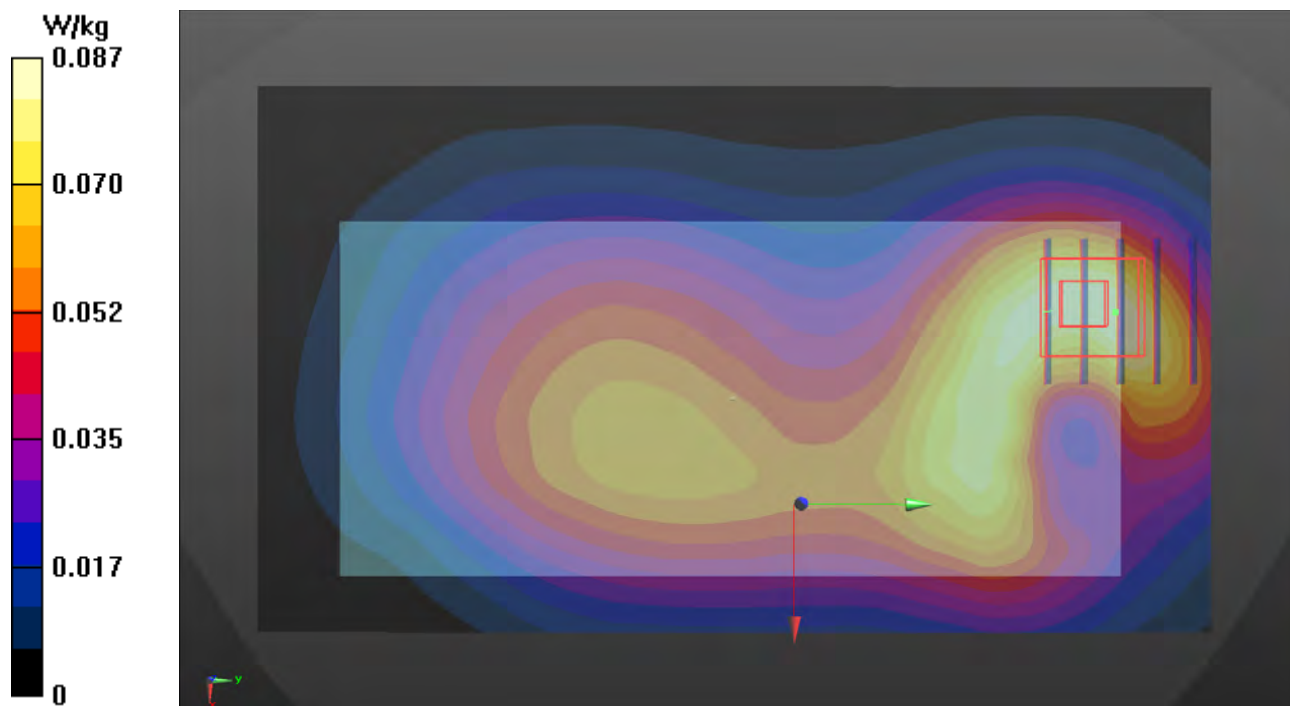
Peak SAR (extrapolated) = 0.0980 W/kg

SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.044 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 66.4%

Maximum value of SAR (measured) = 0.0856 W/kg



P174 LTE 30_QPSK10M_Rear Face_15mm_Ch27710_1RB_OS0_Ant 1

DUT: BFLF-WTW-P20120540

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);

Frequency: 2310 MHz; Duty Cycle: 1:3.74

Medium: H19T27N1_0121 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.725$ S/m; $\epsilon_r = 38.574$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.62, 7.62, 7.62) @ 2310 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.816 W/kg

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

Reference Value = 22.31 V/m; Power Drift = -0.03 dB

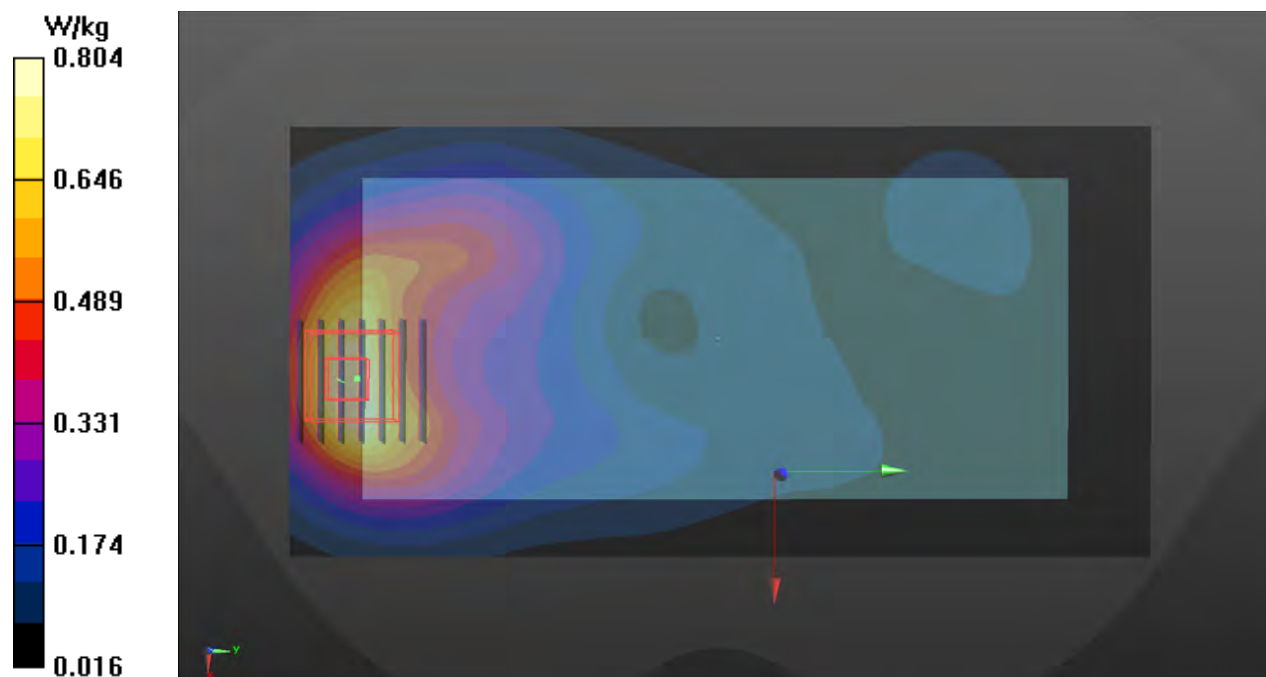
Peak SAR (extrapolated) = 0.971 W/kg

SAR(1 g) = 0.546 W/kg; SAR(10 g) = 0.317 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 16.3 mm

Ratio of SAR at M2 to SAR at M1 = 57.4%

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



P175 LTE 30_QPSK10M_Front Face_15mm_Ch27710_1RB_OS0_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);

Frequency: 2310 MHz; Duty Cycle: 1:3.74

Medium: H19T27N1_0121 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.725$ S/m; $\epsilon_r = 38.574$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.62, 7.62, 7.62) @ 2310 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.211 W/kg

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

Reference Value = 11.03 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.250 W/kg

SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.077 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 14.1 mm

Ratio of SAR at M2 to SAR at M1 = 56%

Maximum value of SAR (measured) = 0.209 W/kg



P176 LTE 30_QPSK10M_Front Face_15mm_Ch27710_1RB_OS0_Ant 8

DUT: BFLF-WTW-P20120540

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);

Frequency: 2310 MHz; Duty Cycle: 1:3.74

Medium: H19T27N1_0121 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.725$ S/m; $\epsilon_r = 38.574$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.62, 7.62, 7.62) @ 2310 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

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

Reference Value = 9.177 V/m; Power Drift = -0.03 dB

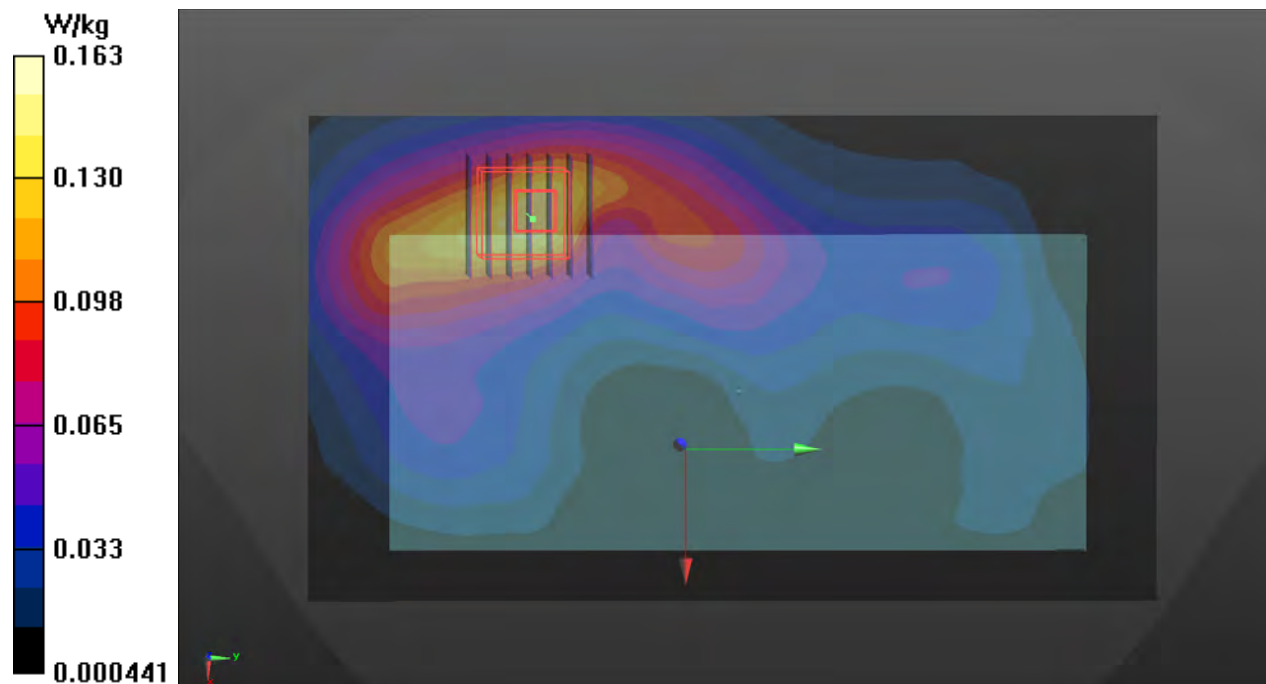
Peak SAR (extrapolated) = 0.199 W/kg

SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.058 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 12.8 mm

Ratio of SAR at M2 to SAR at M1 = 52.9%

Maximum value of SAR (measured) = 0.163 W/kg



P177 LTE 38_QPSK20M_Rear Fcae_15mm_Ch37850_1RB_OS0_Ant 1

DUT: BFLF-WTW-P20120540

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2580 MHz; Duty Cycle: 1:8.33

Medium: H19T27N1_0121 Medium parameters used: $f = 2580$ MHz; $\sigma = 2.006$ S/m; $\epsilon_r = 37.664$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.28, 7.28, 7.28) @ 2580 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.443 W/kg

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

Reference Value = 15.31 V/m; Power Drift = -0.08 dB

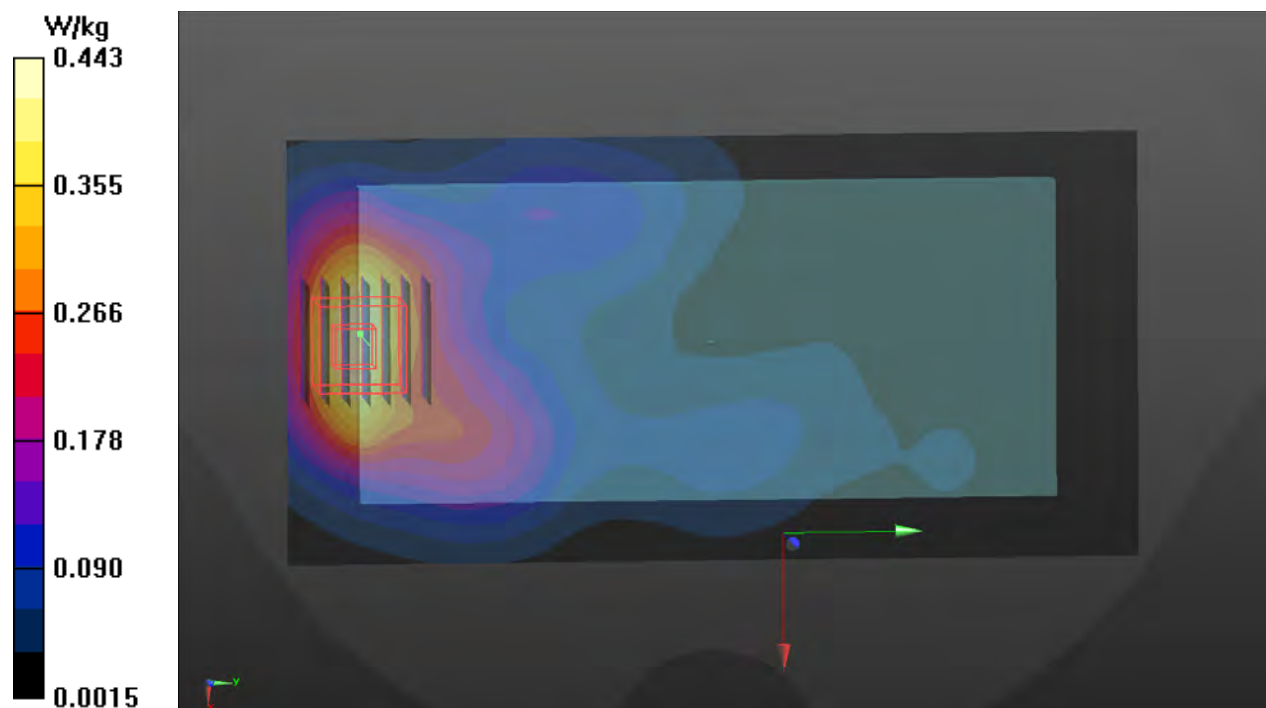
Peak SAR (extrapolated) = 0.520 W/kg

SAR(1 g) = 0.294 W/kg; SAR(10 g) = 0.167 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 16.4 mm

Ratio of SAR at M2 to SAR at M1 = 57.2%

Maximum value of SAR (measured) = 0.438 W/kg



P178 LTE 38_QPSK20M_Front Fcae_15mm_Ch37850_1RB_OS0_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2580 MHz; Duty Cycle: 1:8.33

Medium: H19T27N1_0121 Medium parameters used: $f = 2580$ MHz; $\sigma = 2.006$ S/m; $\epsilon_r = 37.664$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.28, 7.28, 7.28) @ 2580 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.157 W/kg

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

Reference Value = 9.100 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.187 W/kg

SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.055 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 14.6 mm

Ratio of SAR at M2 to SAR at M1 = 55.2%

Maximum value of SAR (measured) = 0.156 W/kg



P179 LTE 38_QPSK20M_Rear Fcae_15mm_Ch38000_1RB_OS0_Ant 8

DUT: BFLF-WTW-P20120540

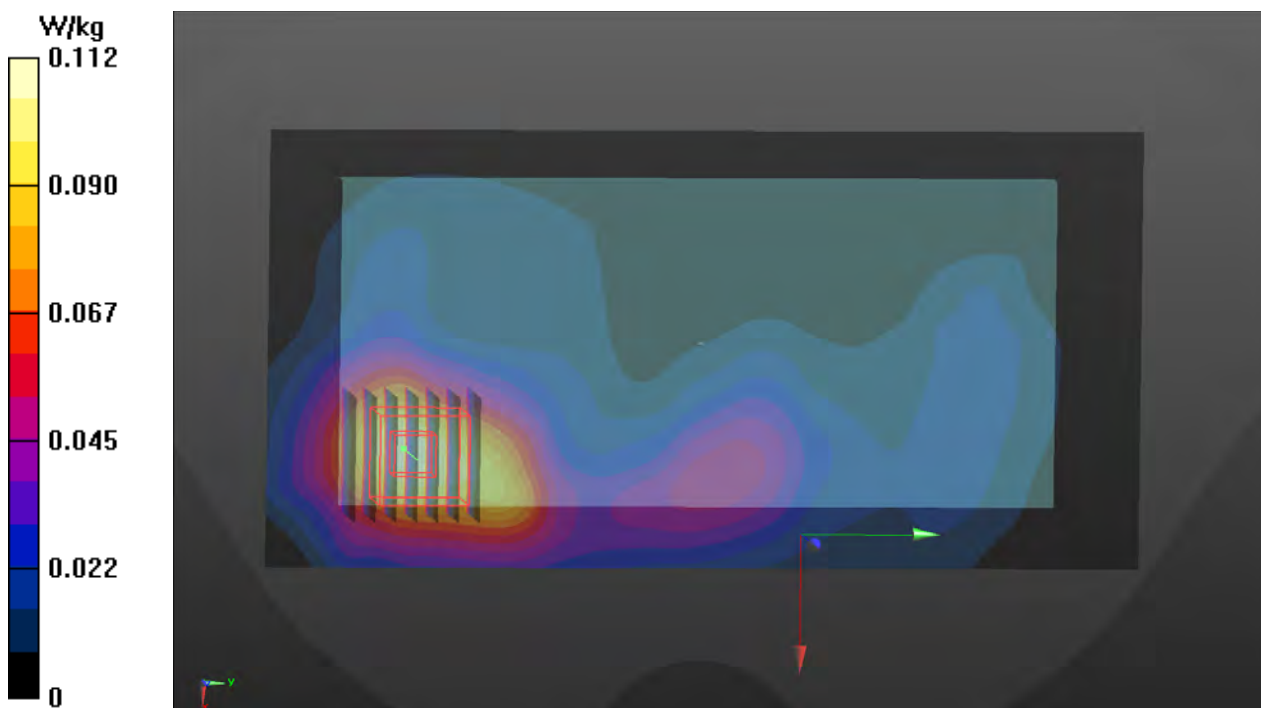
Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2595 MHz; Duty Cycle: 1:8.33
Medium: H19T27N1_0121 Medium parameters used (interpolated): $f = 2595$ MHz; $\sigma = 2.024$ S/m;
 $\epsilon_r = 37.623$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.28, 7.28, 7.28) @ 2595 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.112 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.626 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.132 W/kg
SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.042 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 17.5 mm
Ratio of SAR at M2 to SAR at M1 = 55.3%
Maximum value of SAR (measured) = 0.111 W/kg



P180 LTE 40_QPSK10M_Rear Face_15mm_Ch38750_1RB_OS0_Ant 1

DUT: BFLF-WTW-P20120540

Communication System: UID 10237 - CAG, LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK);

Frequency: 2310 MHz; Duty Cycle: 1:8.33

Medium: H19T27N1_0121 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.725$ S/m; $\epsilon_r = 38.574$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.62, 7.62, 7.62) @ 2310 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.185 W/kg

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

Reference Value = 10.46 V/m; Power Drift = -0.03 dB

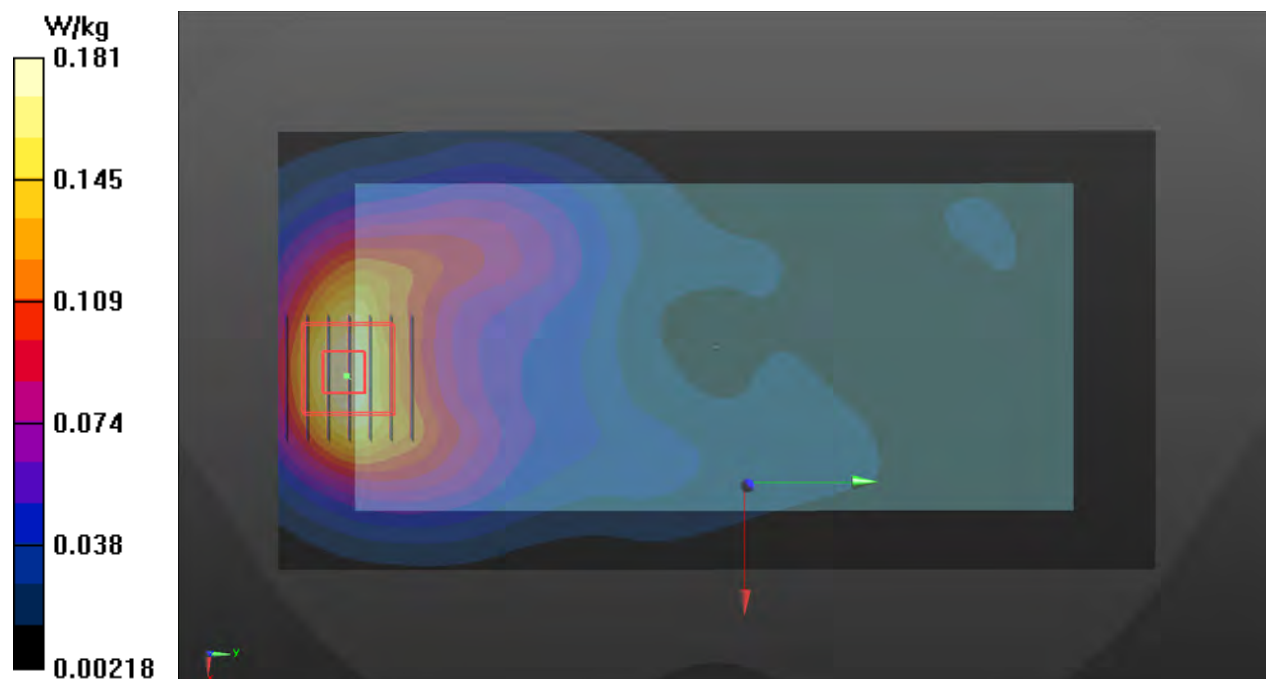
Peak SAR (extrapolated) = 0.216 W/kg

SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.070 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 16.1 mm

Ratio of SAR at M2 to SAR at M1 = 56.2%

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



P181 LTE 40_QPSK10M_Rear Face_15mm_Ch38750_1RB_OS0_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10237 - CAG, LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK);
Frequency: 2310 MHz; Duty Cycle: 1:8.33

Medium: H19T27N1_0121 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.725$ S/m; $\epsilon_r = 38.574$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.62, 7.62, 7.62) @ 2310 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.279 W/kg

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

Reference Value = 12.38 V/m; Power Drift = 0.17 dB

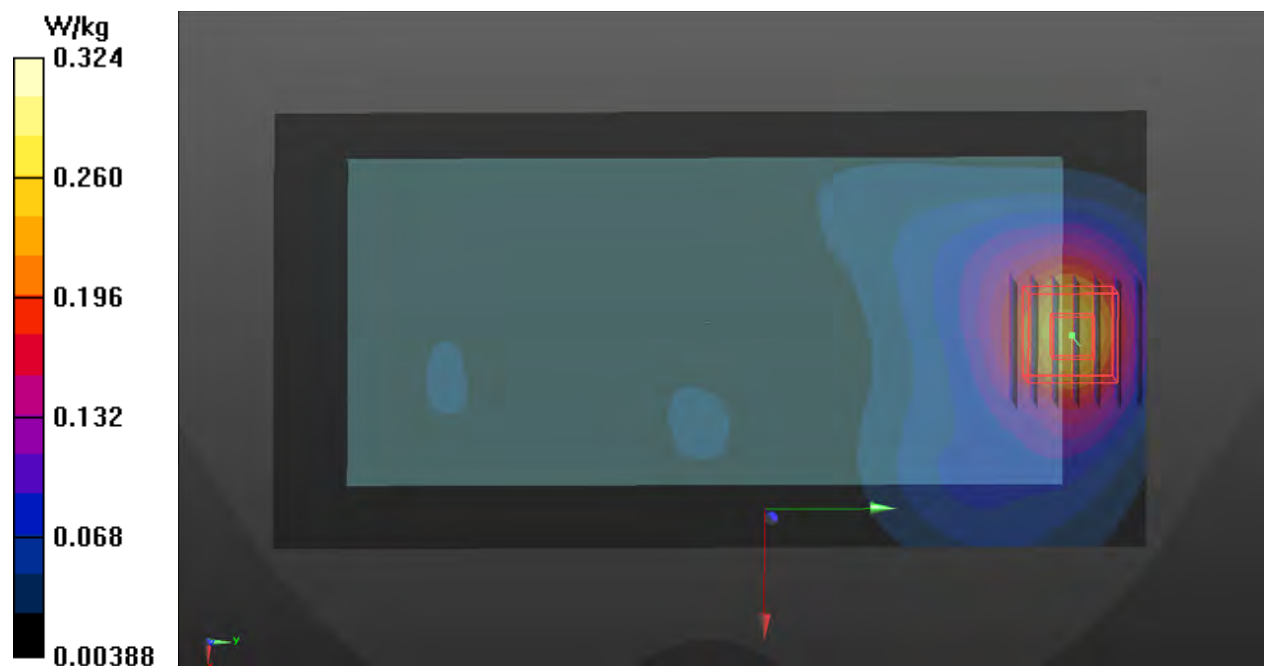
Peak SAR (extrapolated) = 0.386 W/kg

SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.120 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 14 mm

Ratio of SAR at M2 to SAR at M1 = 56.6%

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



P182 LTE 40_QPSK10M_Rear Face_15mm_Ch38750_1RB_OS0_Ant 8

DUT: BFLF-WTW-P20120540

Communication System: UID 10237 - CAG, LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK);
Frequency: 2310 MHz; Duty Cycle: 1:8.33

Medium: H19T27N1_0121 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.725$ S/m; $\epsilon_r = 38.574$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.62, 7.62, 7.62) @ 2310 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.134 W/kg

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

Reference Value = 8.894 V/m; Power Drift = 0.07 dB

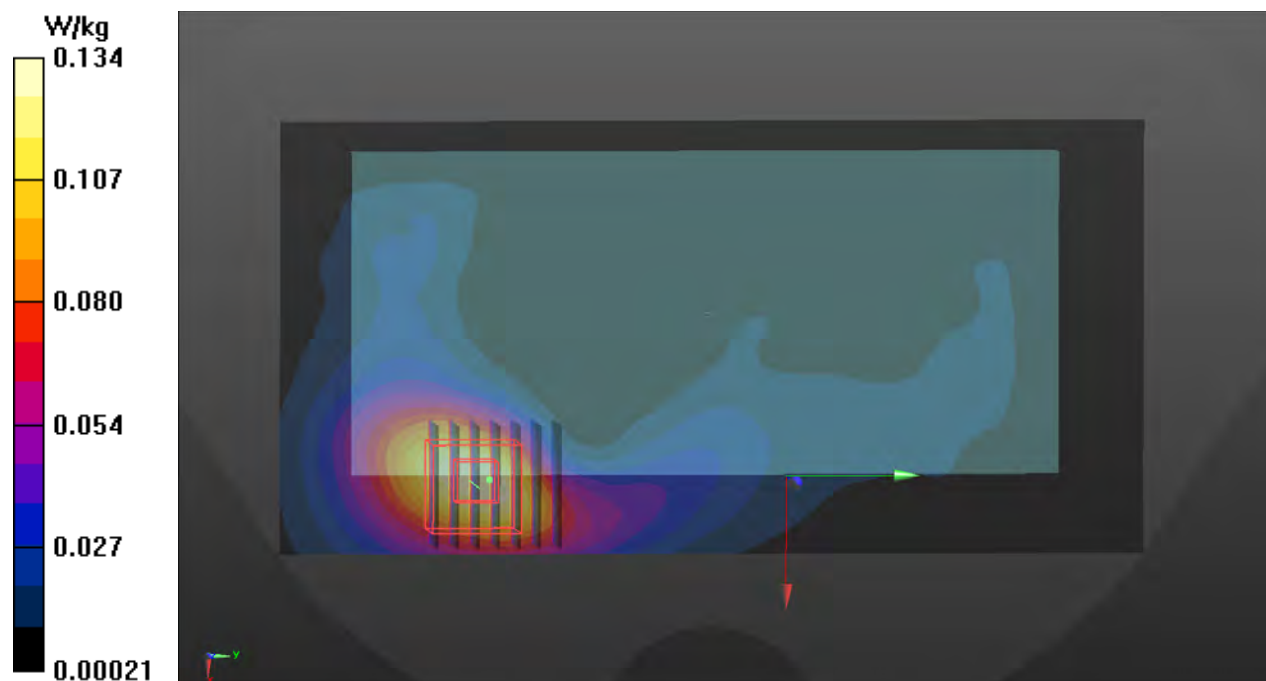
Peak SAR (extrapolated) = 0.161 W/kg

SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.051 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 13.6 mm

Ratio of SAR at M2 to SAR at M1 = 56.6%

Maximum value of SAR (measured) = 0.134 W/kg



P183 LTE 41_QPSK20M_Rear Fcae_15mm_Ch40185_1RB_OS0_Ant 1

DUT: BFLF-WTW-P20120540

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2549.5 MHz; Duty Cycle: 1:8.33

Medium: H19T27N1_0121 Medium parameters used: $f = 2550$ MHz; $\sigma = 1.971$ S/m; $\epsilon_r = 37.761$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.28, 7.28, 7.28) @ 2549.5 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.421 W/kg

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

Reference Value = 14.59 V/m; Power Drift = -0.08 dB

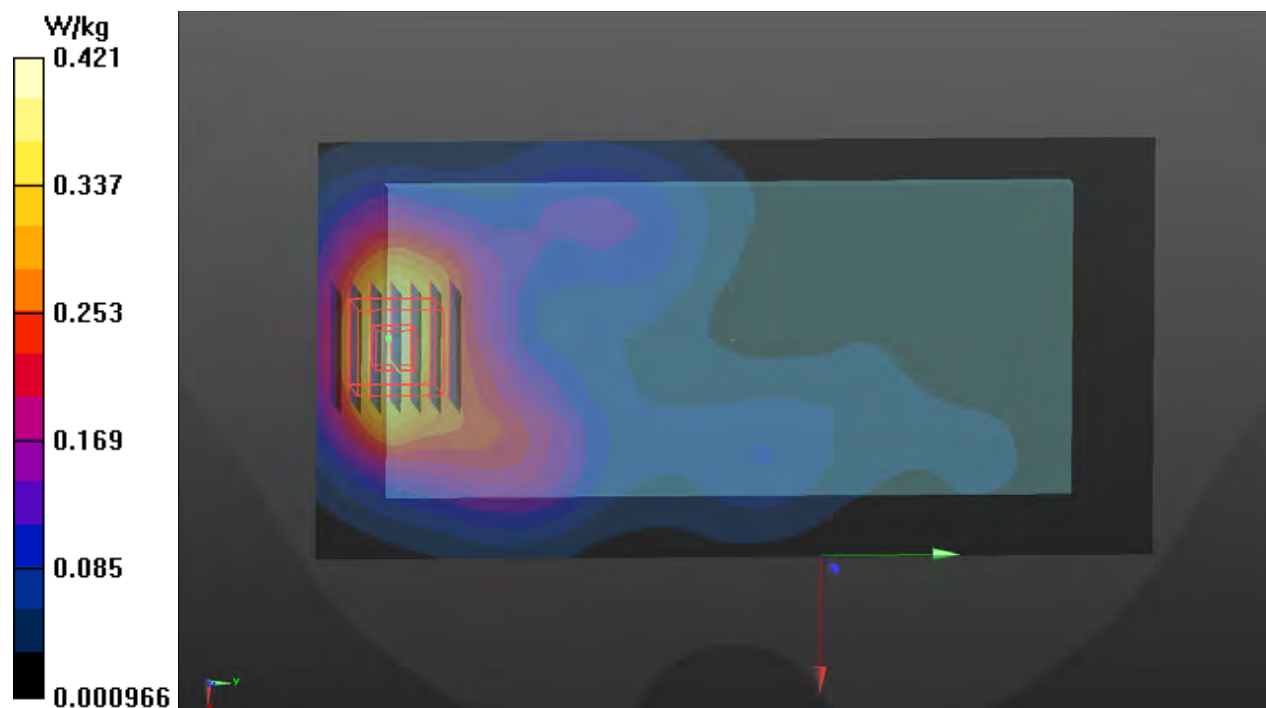
Peak SAR (extrapolated) = 0.502 W/kg

SAR(1 g) = 0.283 W/kg; SAR(10 g) = 0.162 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 15.3 mm

Ratio of SAR at M2 to SAR at M1 = 56.5%

Maximum value of SAR (measured) = 0.425 W/kg



P184 LTE 41_QPSK20M_Rear Fcae_15mm_Ch41055_1RB_OS0_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2636.5 MHz; Duty Cycle: 1:8.33
Medium: H19T27N1_0121 Medium parameters used (interpolated): $f = 2636.5$ MHz; $\sigma = 2.067$ S/m; $\epsilon_r = 37.494$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.28, 7.28, 7.28) @ 2636.5 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.256 W/kg

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

Reference Value = 11.19 V/m; Power Drift = -0.04 dB

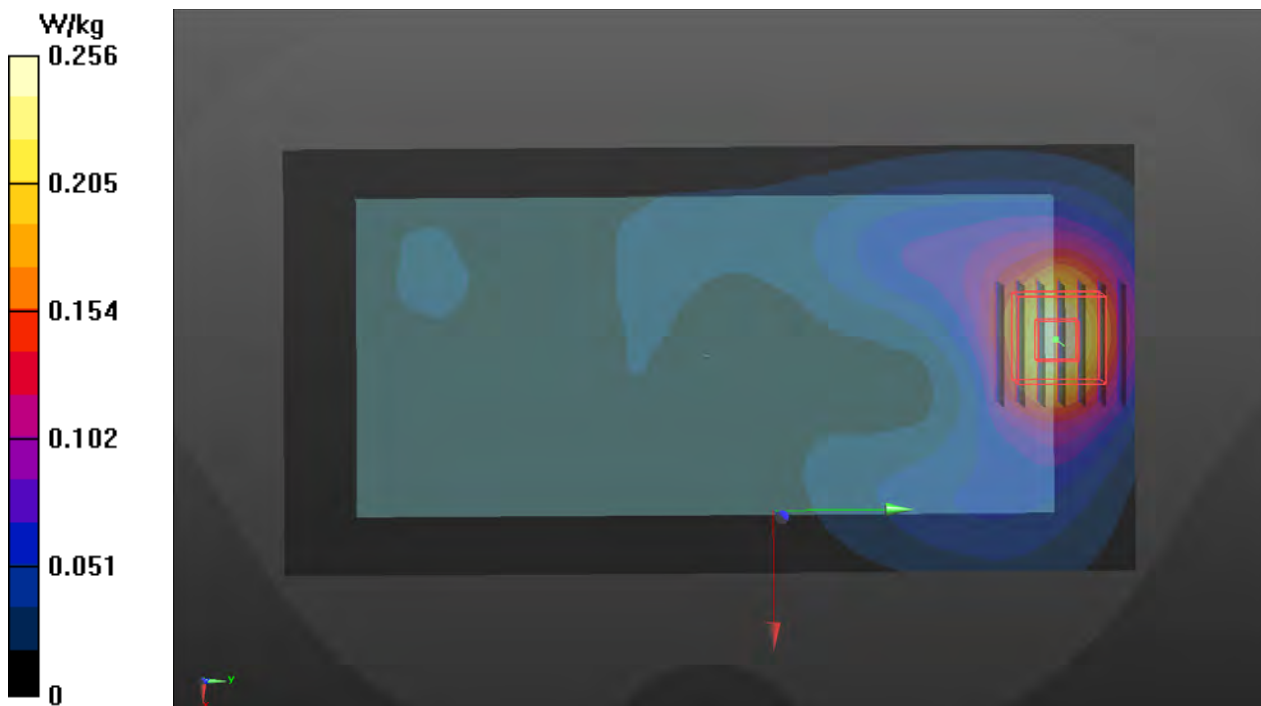
Peak SAR (extrapolated) = 0.306 W/kg

SAR(1 g) = 0.165 W/kg; SAR(10 g) = 0.090 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 14.9 mm

Ratio of SAR at M2 to SAR at M1 = 54.6%

Maximum value of SAR (measured) = 0.257 W/kg



P185 LTE 41_QPSK20M_Rear Fcae_15mm_Ch40185_1RB_OS0_Ant 8

DUT: BFLF-WTW-P20120540

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2549.5 MHz; Duty Cycle: 1:8.33

Medium: H19T27N1_0121 Medium parameters used: $f = 2550$ MHz; $\sigma = 1.971$ S/m; $\epsilon_r = 37.761$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.28, 7.28, 7.28) @ 2549.5 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

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

Reference Value = 7.566 V/m; Power Drift = -0.14 dB

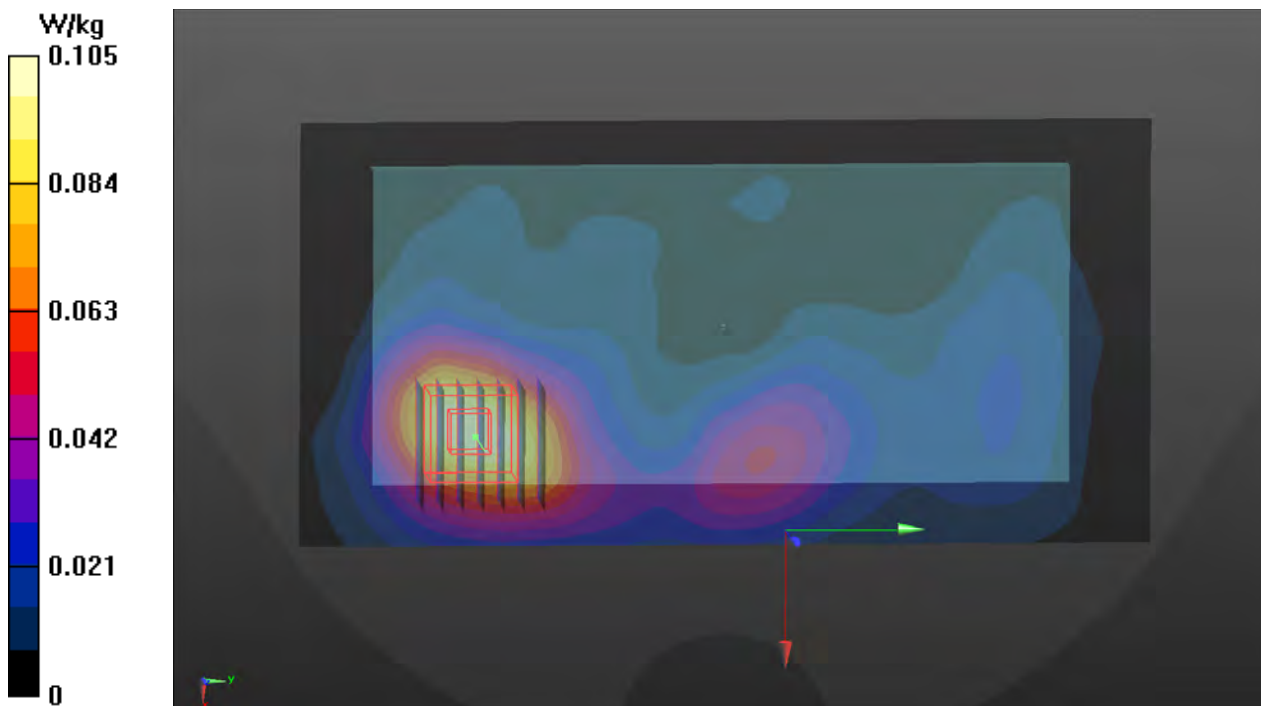
Peak SAR (extrapolated) = 0.124 W/kg

SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.039 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 16.3 mm

Ratio of SAR at M2 to SAR at M1 = 55.8%

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



P187 LTE 42_QPSK20M_Rear Face_15mm_Ch43490_1RB_OS0_Ant 5

DUT: BFLF-WTW-P20120540

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 3590 MHz; Duty Cycle: 1:8.33

Medium: H34T38N1_0120 Medium parameters used: $f = 3590$ MHz; $\sigma = 2.962$ S/m; $\epsilon_r = 36.386$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.1, 7.1, 7.1) @ 3590 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.337 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm

Reference Value = 11.40 V/m; Power Drift = -0.12 dB

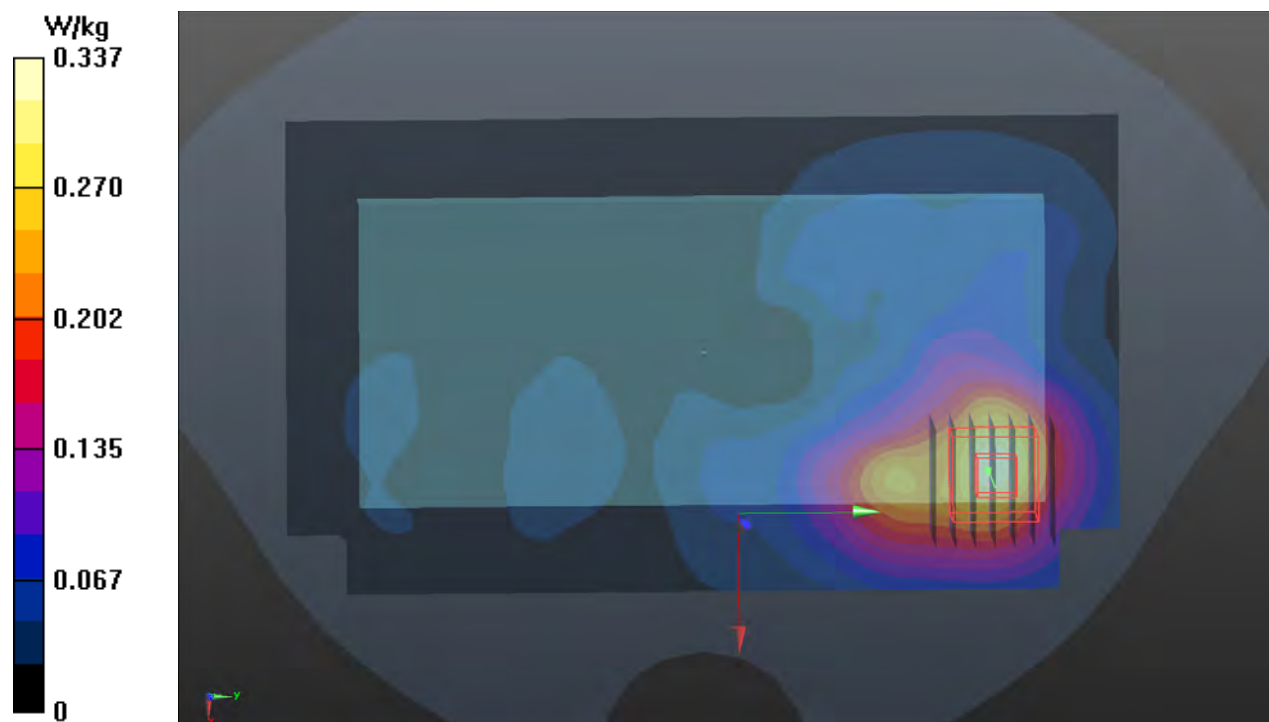
Peak SAR (extrapolated) = 0.436 W/kg

SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.100 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 15.8 mm

Ratio of SAR at M2 to SAR at M1 = 66.1%

Maximum value of SAR (measured) = 0.337 W/kg



P186 LTE 42_QPSK20M_Rear Face_15mm_Ch43490_1RB_OS0_Ant 11

DUT: BFLF-WTW-P20120540

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 3590 MHz; Duty Cycle: 1:8.33

Medium: H34T38N1_0120 Medium parameters used: $f = 3590$ MHz; $\sigma = 2.962$ S/m; $\epsilon_r = 36.386$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.1, 7.1, 7.1) @ 3590 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.635 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm

Reference Value = 13.96 V/m; Power Drift = -0.09 dB

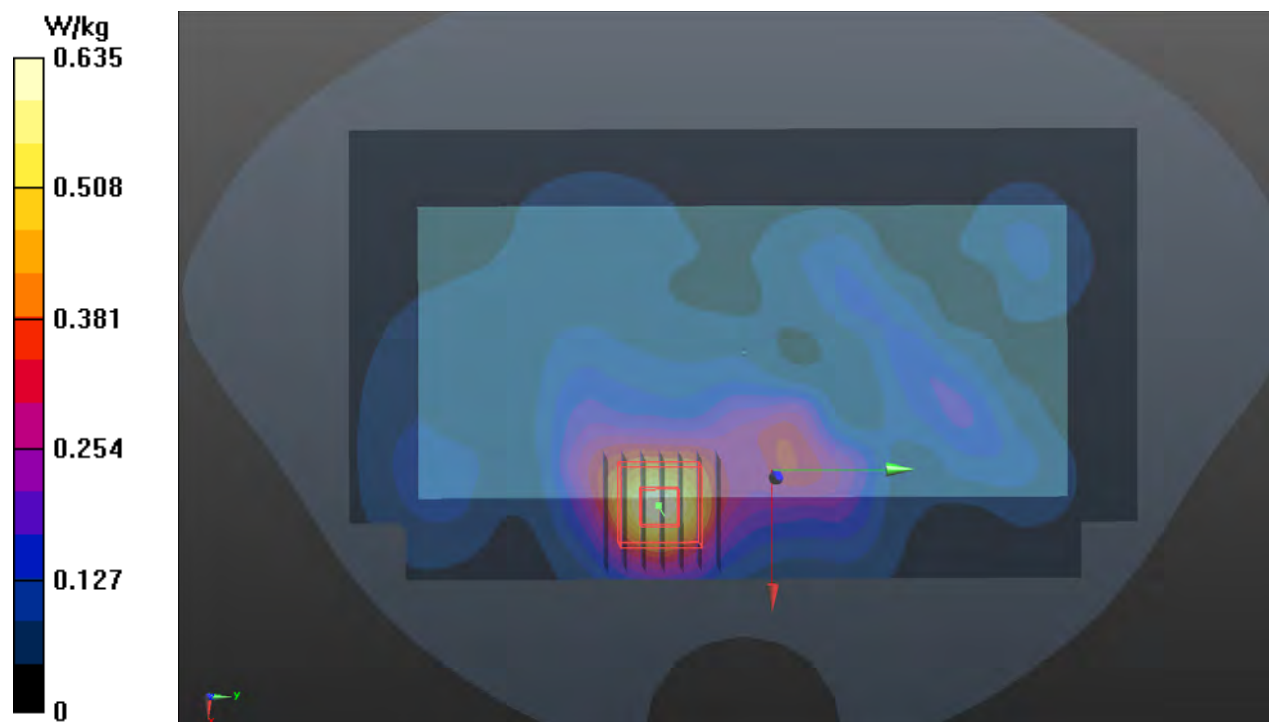
Peak SAR (extrapolated) = 0.790 W/kg

SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.153 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 13.2 mm

Ratio of SAR at M2 to SAR at M1 = 65.8%

Maximum value of SAR (measured) = 0.636 W/kg



P189 LTE 43_QPSK20M_Rear Face_15mm_Ch44215_1RB_OS0_Ant 5

DUT: BFLF-WTW-P20120540

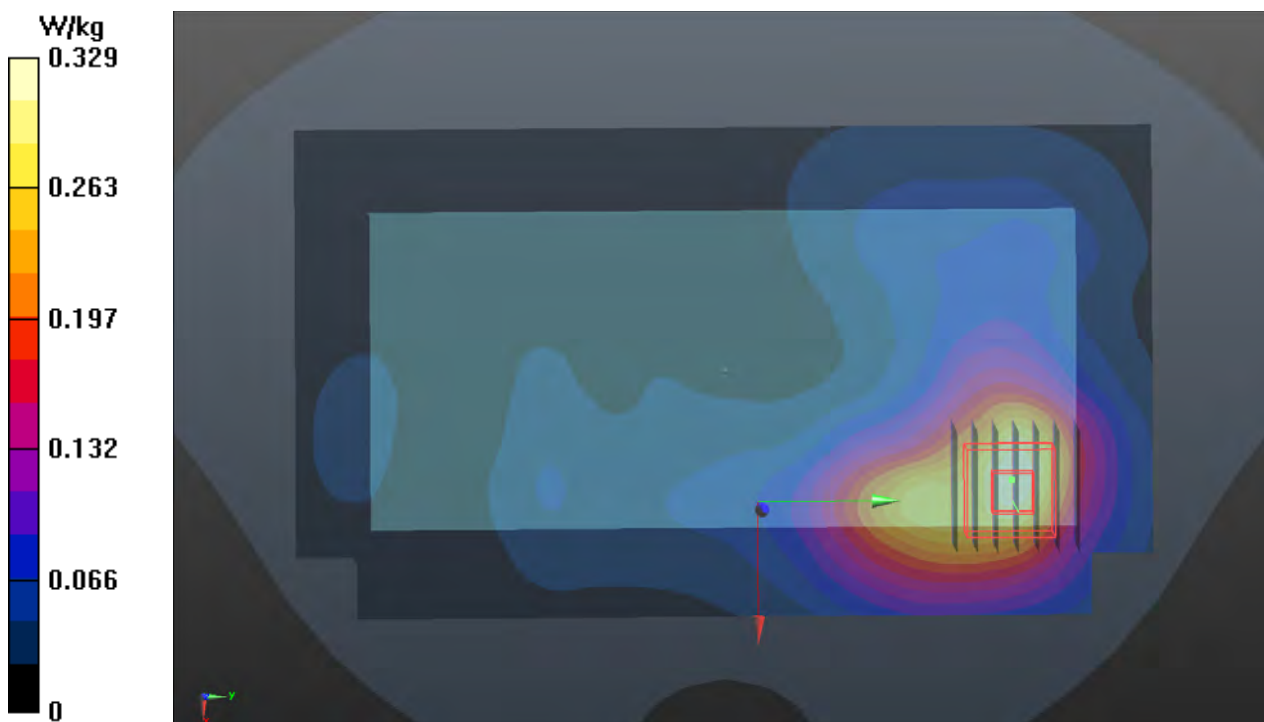
Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 3662.5 MHz; Duty Cycle: 1:8.33
Medium: H34T38N1_0120 Medium parameters used (interpolated): $f = 3662.5$ MHz; $\sigma = 3.021$ S/m; $\epsilon_r = 36.252$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.07, 7.07, 7.07) @ 3662.5 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.329 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 10.78 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.397 W/kg
SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.096 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 16.1 mm
Ratio of SAR at M2 to SAR at M1 = 64.5%
Maximum value of SAR (measured) = 0.307 W/kg



P188 LTE 43_QPSK20M_Rear Face_15mm_Ch44190_1RB_OS0_Ant 11

DUT: BFLF-WTW-P20120540

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 3660 MHz; Duty Cycle: 1:8.33

Medium: H34T38N1_0120 Medium parameters used: $f = 3660$ MHz; $\sigma = 3.018$ S/m; $\epsilon_r = 36.258$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.07, 7.07, 7.07) @ 3660 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.574 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm

Reference Value = 13.54 V/m; Power Drift = -0.12 dB

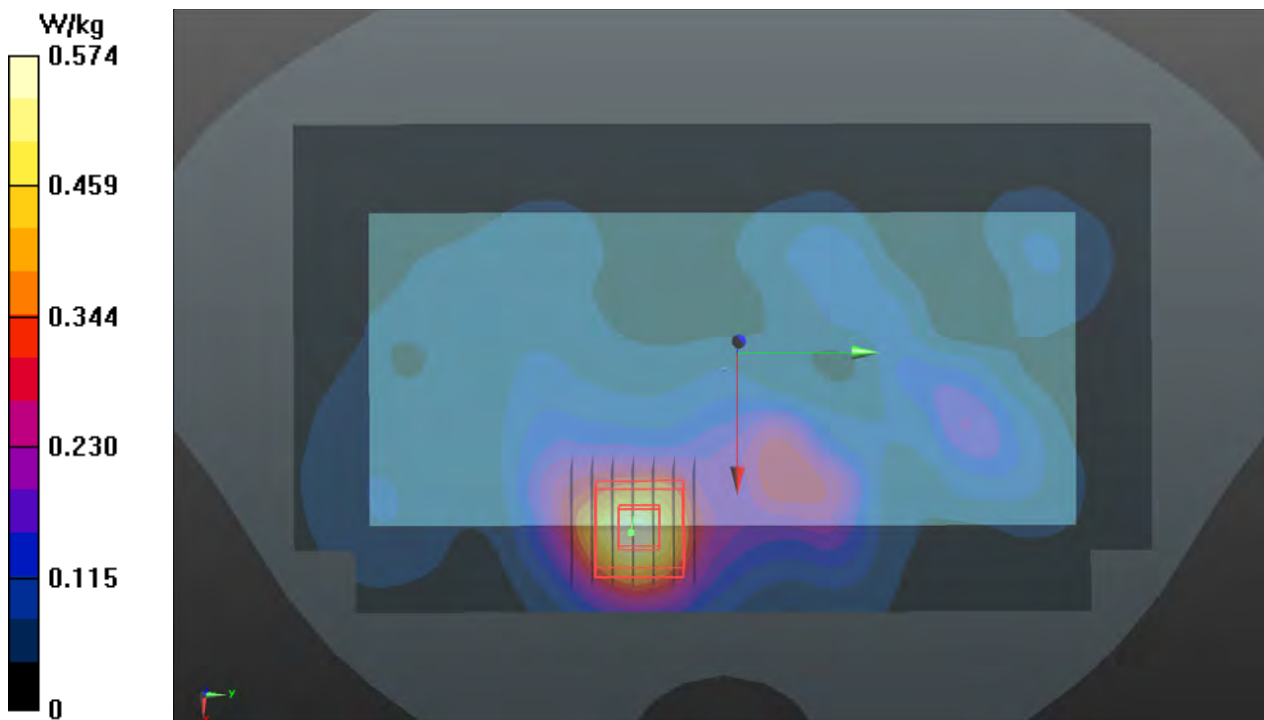
Peak SAR (extrapolated) = 0.718 W/kg

SAR(1 g) = 0.337 W/kg; SAR(10 g) = 0.158 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 13.3 mm

Ratio of SAR at M2 to SAR at M1 = 67%

Maximum value of SAR (measured) = 0.567 W/kg



P191 LTE 48_QPSK20M_Rear Face_15mm_Ch55780_1RB_OS0_Ant 5

DUT: BFLF-WTW-P20120540

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 3603 MHz; Duty Cycle: 1:8.33

Medium: H34T38N1_0120 Medium parameters used: $f = 3603$ MHz; $\sigma = 2.968$ S/m; $\epsilon_r = 36.372$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.07, 7.07, 7.07) @ 3603 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm

Reference Value = 11.02 V/m; Power Drift = -0.02 dB

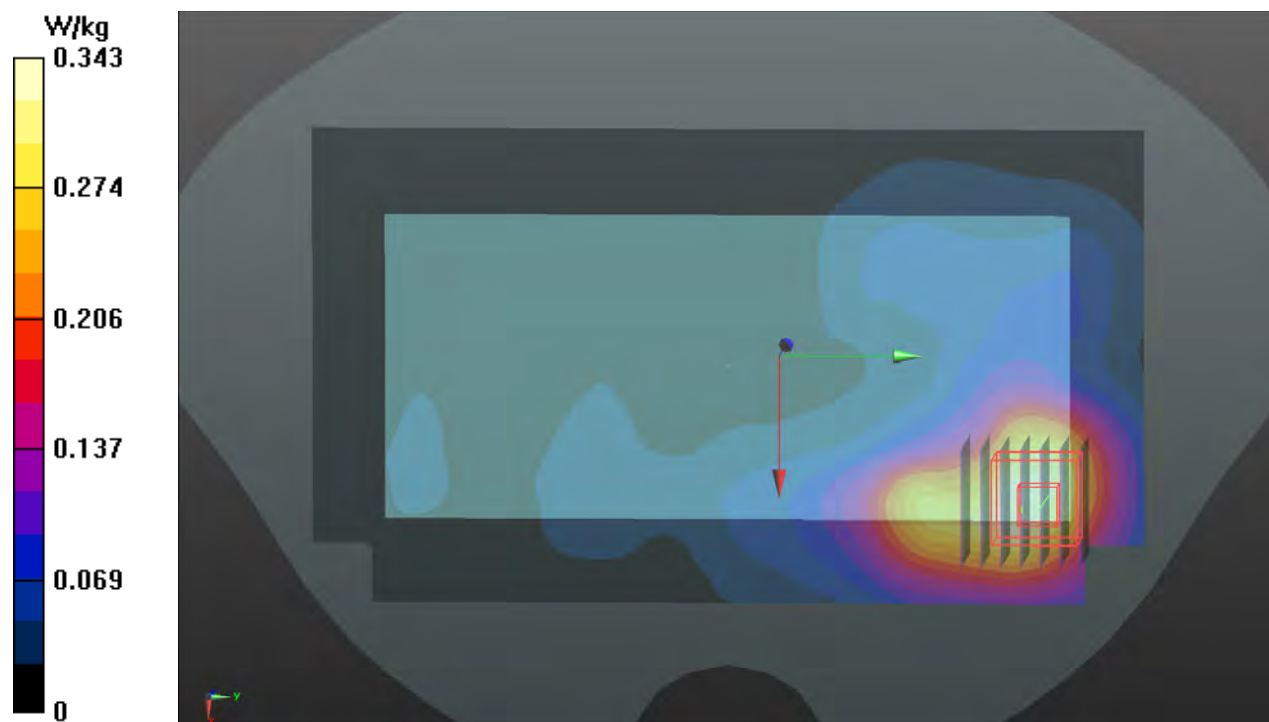
Peak SAR (extrapolated) = 0.434 W/kg

SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.101 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 15.6 mm

Ratio of SAR at M2 to SAR at M1 = 66.5%

Maximum value of SAR (measured) = 0.344 W/kg



P190 LTE 48_QPSK20M_Rear Face_15mm_Ch55780_1RB_OS0_Ant 11

DUT: BFLF-WTW-P20120540

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 3603 MHz; Duty Cycle: 1:8.33

Medium: H34T38N1_0120 Medium parameters used: $f = 3603$ MHz; $\sigma = 2.968$ S/m; $\epsilon_r = 36.372$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.07, 7.07, 7.07) @ 3603 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.581 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm

Reference Value = 13.78 V/m; Power Drift = -0.07 dB

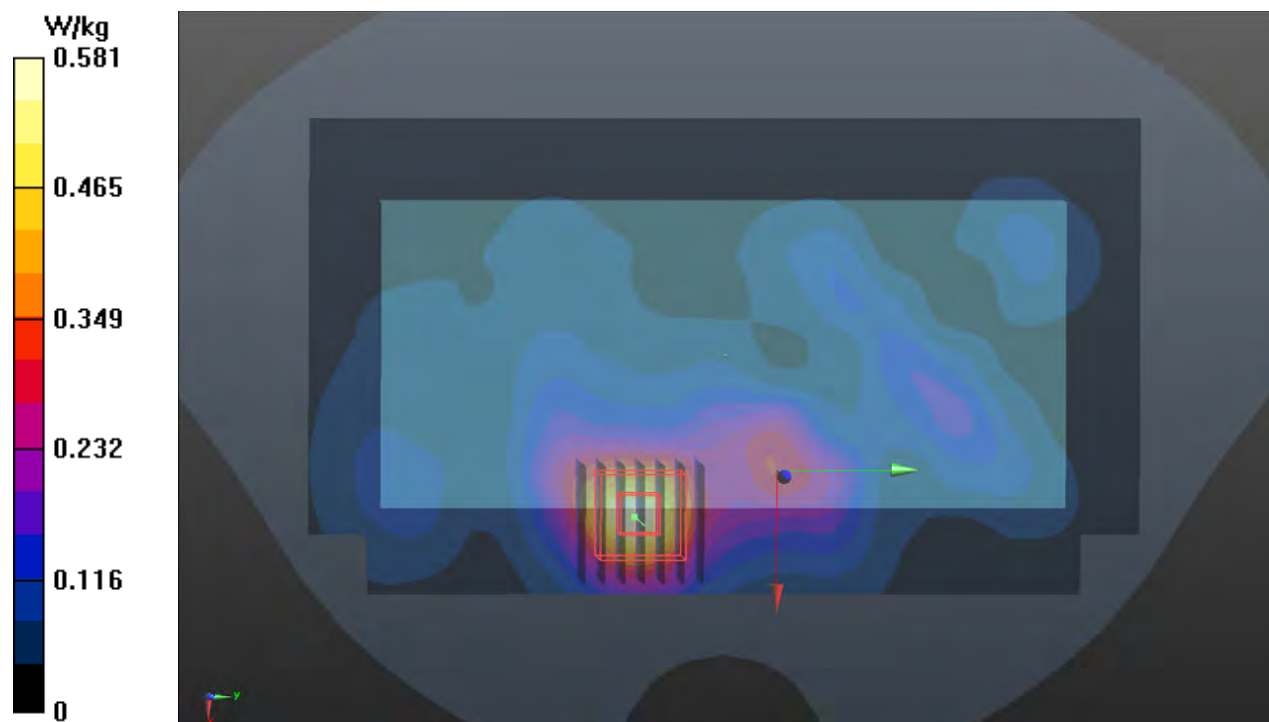
Peak SAR (extrapolated) = 0.749 W/kg

SAR(1 g) = 0.348 W/kg; SAR(10 g) = 0.157 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 13.3 mm

Ratio of SAR at M2 to SAR at M1 = 66.7%

Maximum value of SAR (measured) = 0.591 W/kg



P192 LTE 66_QPSK20M_Rear Face_15mm_Ch132072_1RB_OS0_Ant 1

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1720 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0115 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.293$ S/m; $\epsilon_r = 39.497$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.61, 8.61, 8.61) @ 1720 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.401 W/kg

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

Reference Value = 18.10 V/m; Power Drift = -0.06 dB

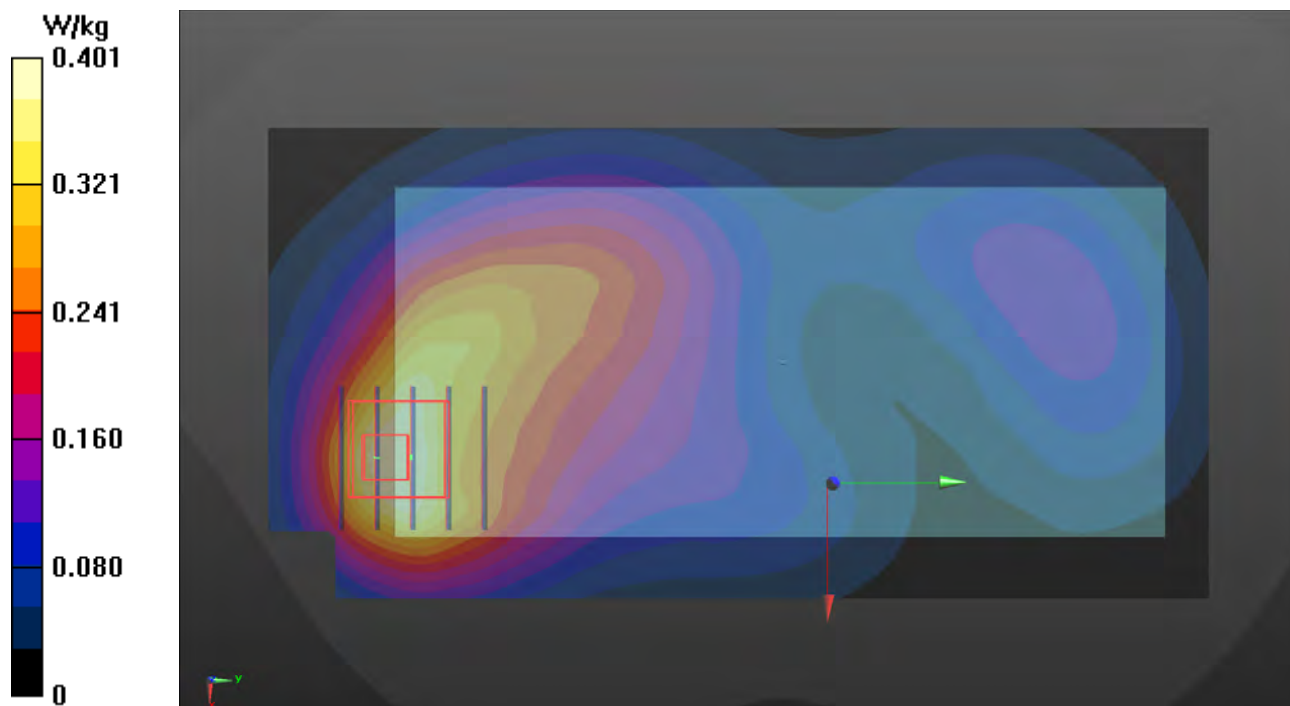
Peak SAR (extrapolated) = 0.486 W/kg

SAR(1 g) = 0.310 W/kg; SAR(10 g) = 0.196 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 17.3 mm

Ratio of SAR at M2 to SAR at M1 = 63.3%

Maximum value of SAR (measured) = 0.412 W/kg



P193 LTE 66_QPSK20M_Front Face_15mm_Ch132072_1RB_OS0_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1720 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0115 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.293$ S/m; $\epsilon_r = 39.497$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.61, 8.61, 8.61) @ 1720 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.154 W/kg

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

Reference Value = 10.69 V/m; Power Drift = -0.11 dB

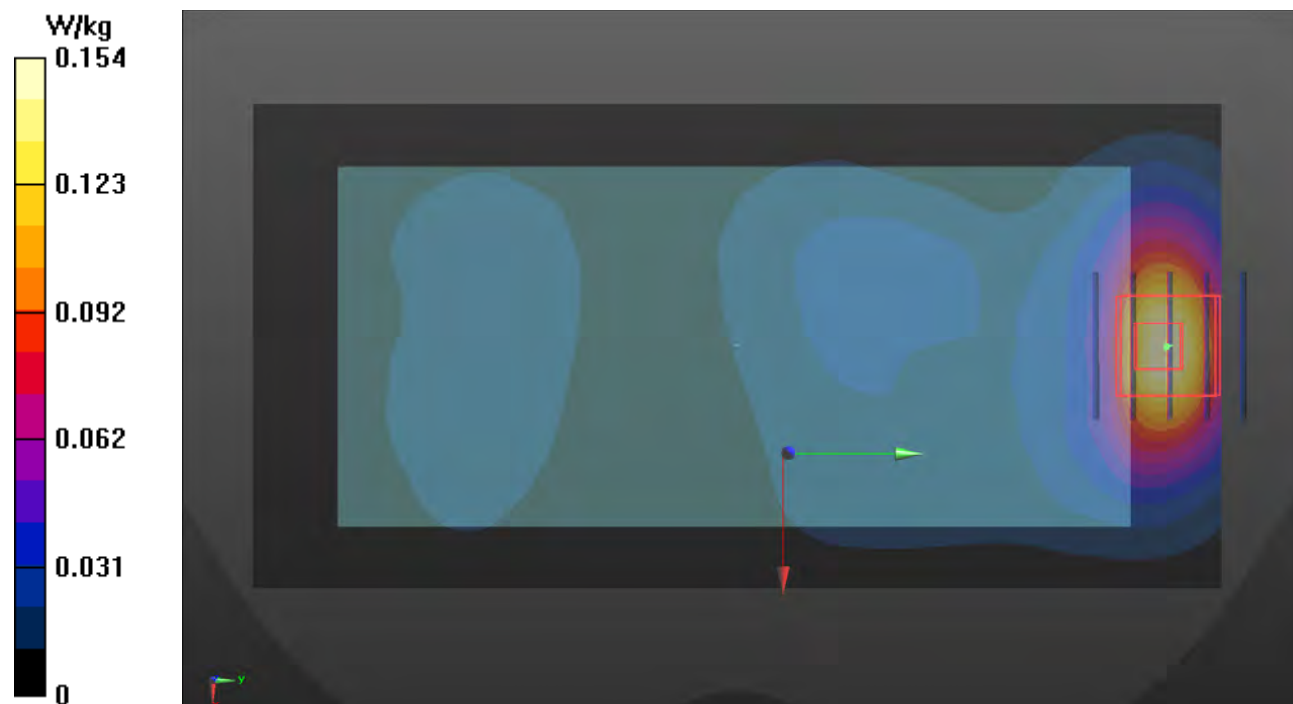
Peak SAR (extrapolated) = 0.178 W/kg

SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.063 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 63.2%

Maximum value of SAR (measured) = 0.148 W/kg



P194 LTE 66_QPSK20M_Front Face_15mm_Ch132072_1RB_OS0_Ant 8

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1720 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0115 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.293$ S/m; $\epsilon_r = 39.497$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.61, 8.61, 8.61) @ 1720 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0854 W/kg

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

Reference Value = 8.385 V/m; Power Drift = -0.08 dB

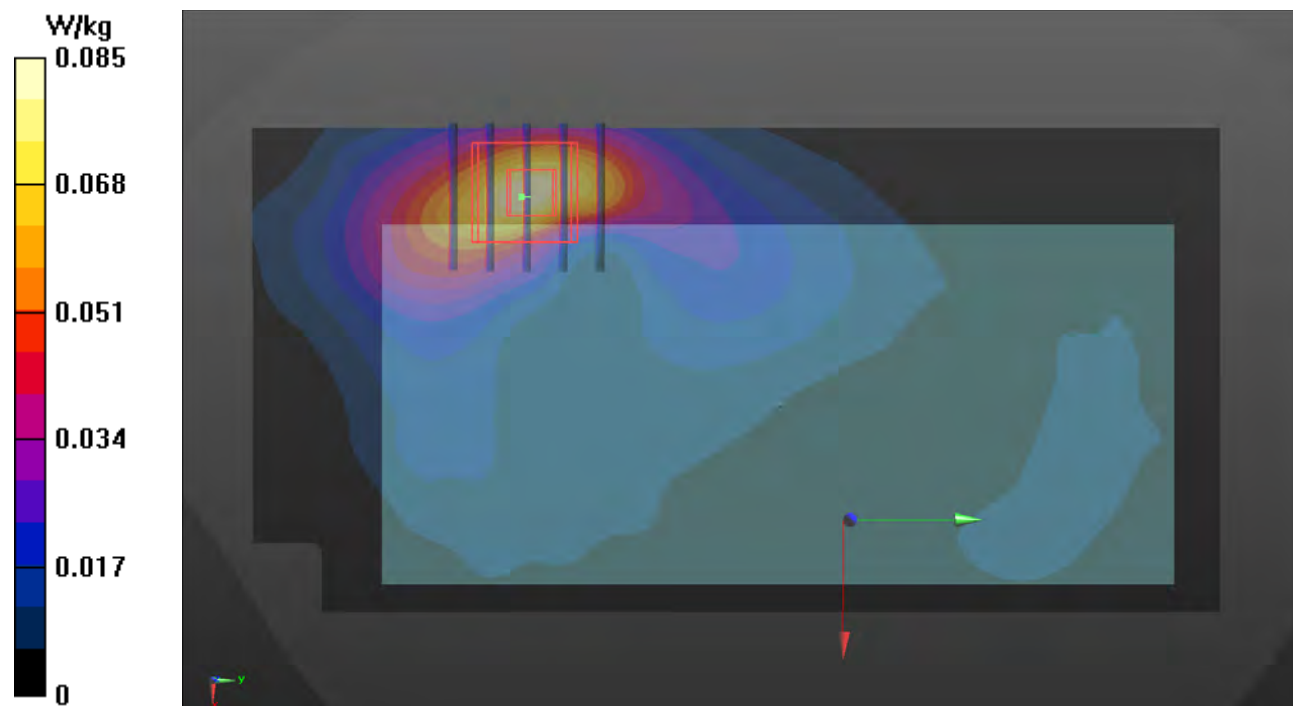
Peak SAR (extrapolated) = 0.102 W/kg

SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.035 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 59.1%

Maximum value of SAR (measured) = 0.0854 W/kg



P195 LTE 66_QPSK20M_Front Face_15mm_Ch132572_1RB_OS0_Ant 9

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1770 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0115 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.332$ S/m; $\epsilon_r = 39.269$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.61, 8.61, 8.61) @ 1770 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.310 W/kg

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

Reference Value = 15.68 V/m; Power Drift = -0.07 dB

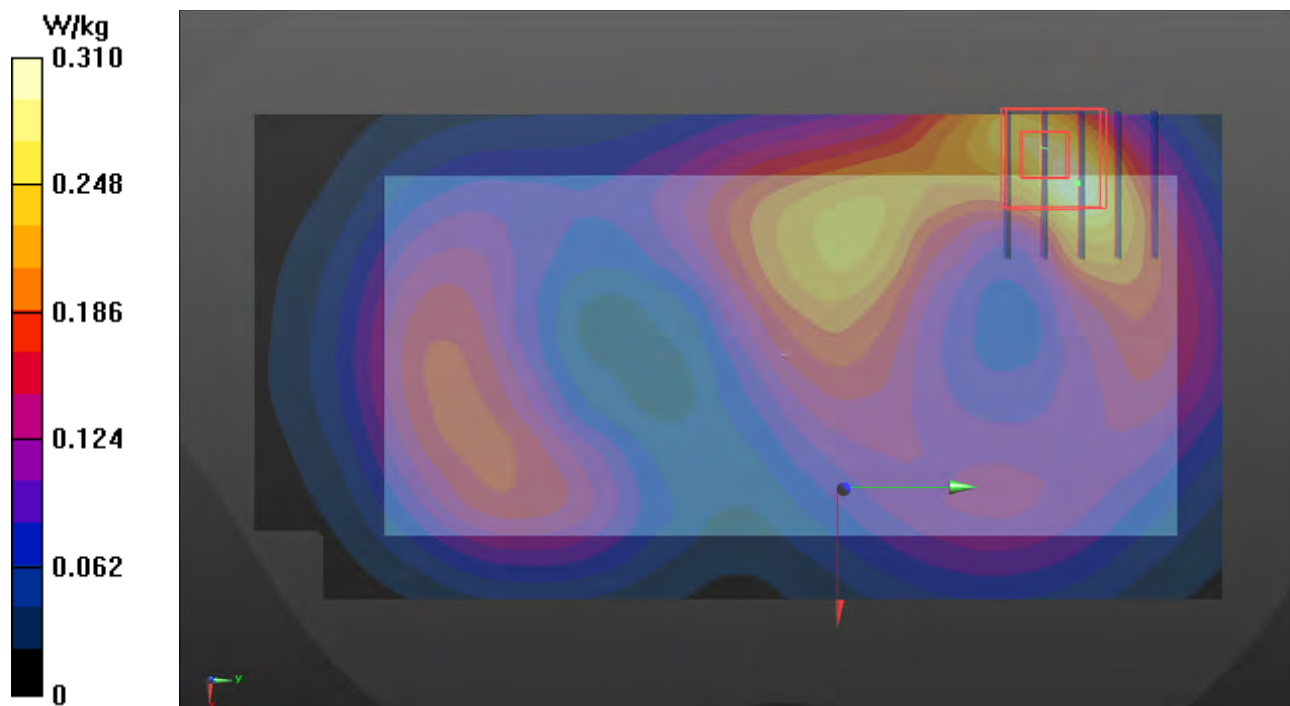
Peak SAR (extrapolated) = 0.384 W/kg

SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.133 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 11.5 mm

Ratio of SAR at M2 to SAR at M1 = 60.5%

Maximum value of SAR (measured) = 0.317 W/kg



P196 LTE 71_QPSK20M_Rear Face_15mm_Ch133222_1RB_OS0_Ant 1

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 673 MHz; Duty Cycle: 1:3.74

Medium: H06T09N1_0113 Medium parameters used: $f = 673$ MHz; $\sigma = 0.871$ S/m; $\epsilon_r = 43.171$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(10.04, 10.04, 10.04) @ 673 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.248 W/kg

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

Reference Value = 17.62 V/m; Power Drift = -0.04 dB

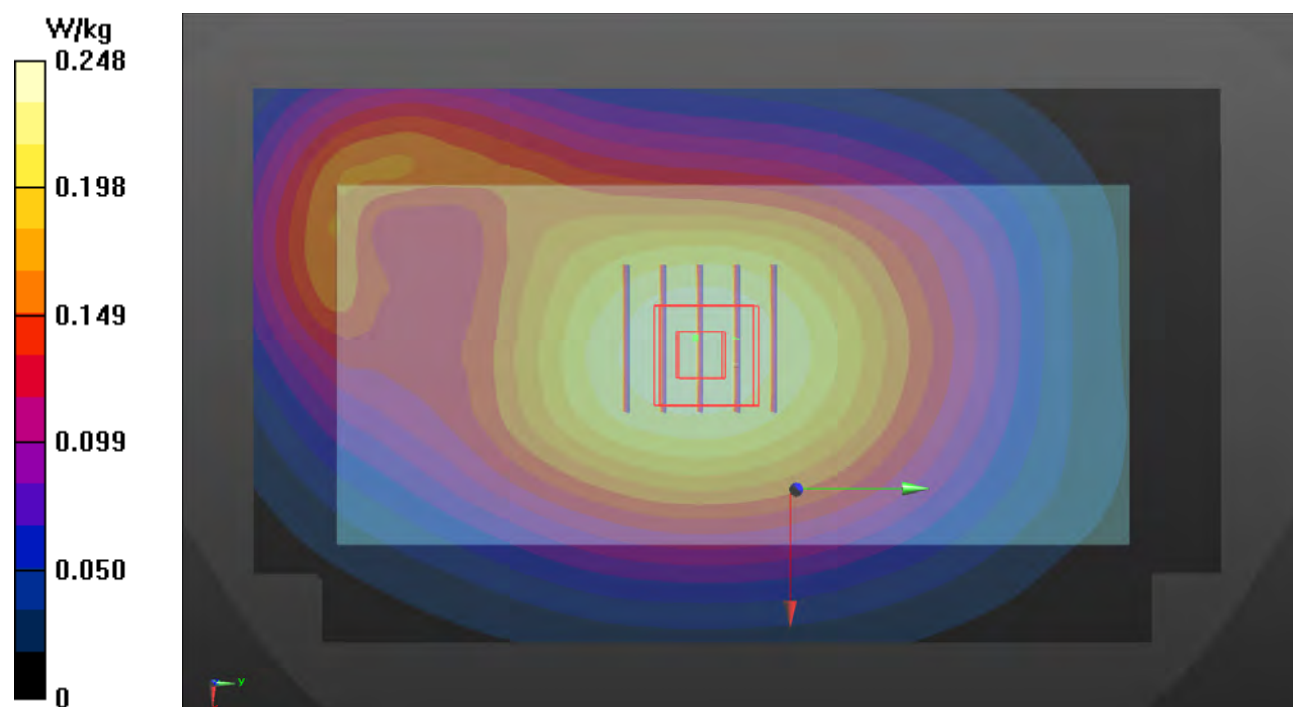
Peak SAR (extrapolated) = 0.279 W/kg

SAR(1 g) = 0.209 W/kg; SAR(10 g) = 0.162 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 73.3%

Maximum value of SAR (measured) = 0.249 W/kg



P197 LTE 71_QPSK20M_Front Face_15mm_Ch133222_1RB_OS0_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 673 MHz; Duty Cycle: 1:3.74

Medium: H06T09N1_0113 Medium parameters used: $f = 673$ MHz; $\sigma = 0.871$ S/m; $\epsilon_r = 43.171$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7350; ConvF(10.04, 10.04, 10.04) @ 673 MHz; Calibrated: 2020/12/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2020/05/06
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.134 W/kg

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

Reference Value = 12.63 V/m; Power Drift = -0.09 dB

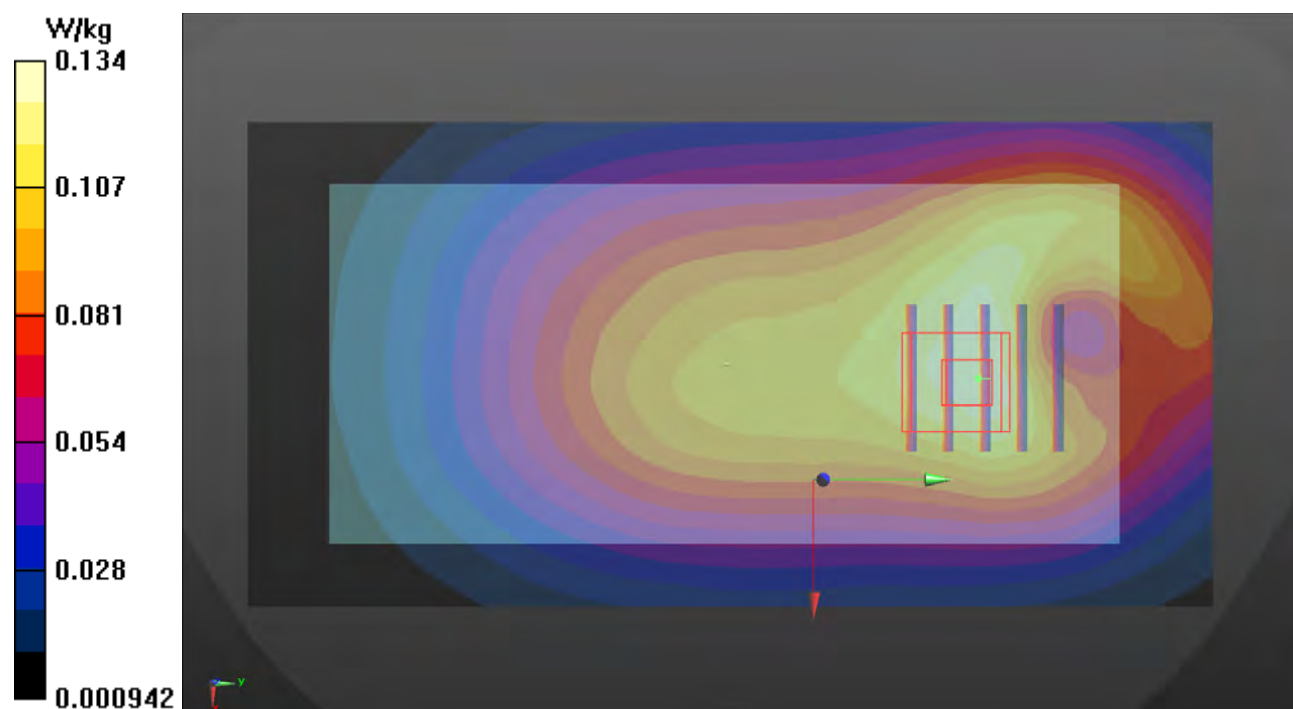
Peak SAR (extrapolated) = 0.147 W/kg

SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.081 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 71.9%

Maximum value of SAR (measured) = 0.131 W/kg



P198 5GNR-n2_DFT-S_QPSK20M_Front Face_15mm_Ch380000_1RB_OS1_Ant 1

DUT: BFLF-WTW-P20120540

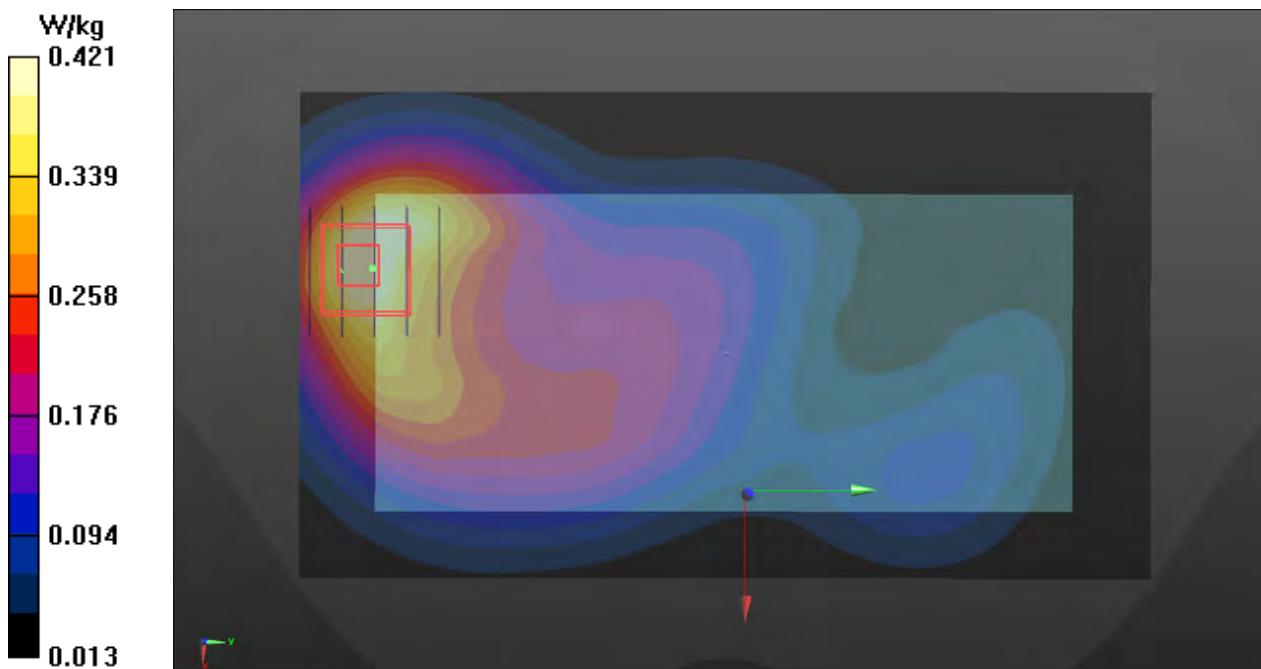
Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 1900 MHz; Duty Cycle: 1:3.56
Medium: H16T20N1_0123 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.453$ S/m; $\epsilon_r = 39.346$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.26, 8.26, 8.26) @ 1900 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.441 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.74 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.515 W/kg
SAR(1 g) = 0.298 W/kg; SAR(10 g) = 0.181 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 15.8 mm
Ratio of SAR at M2 to SAR at M1 = 59.7%
Maximum value of SAR (measured) = 0.421 W/kg



P199 5G NR-n2_DFT-S QPSK20M_Front Face_15mm_Ch372000_1RB_0S1_Ant 2

DUT: BFLF-WTW-P20120540

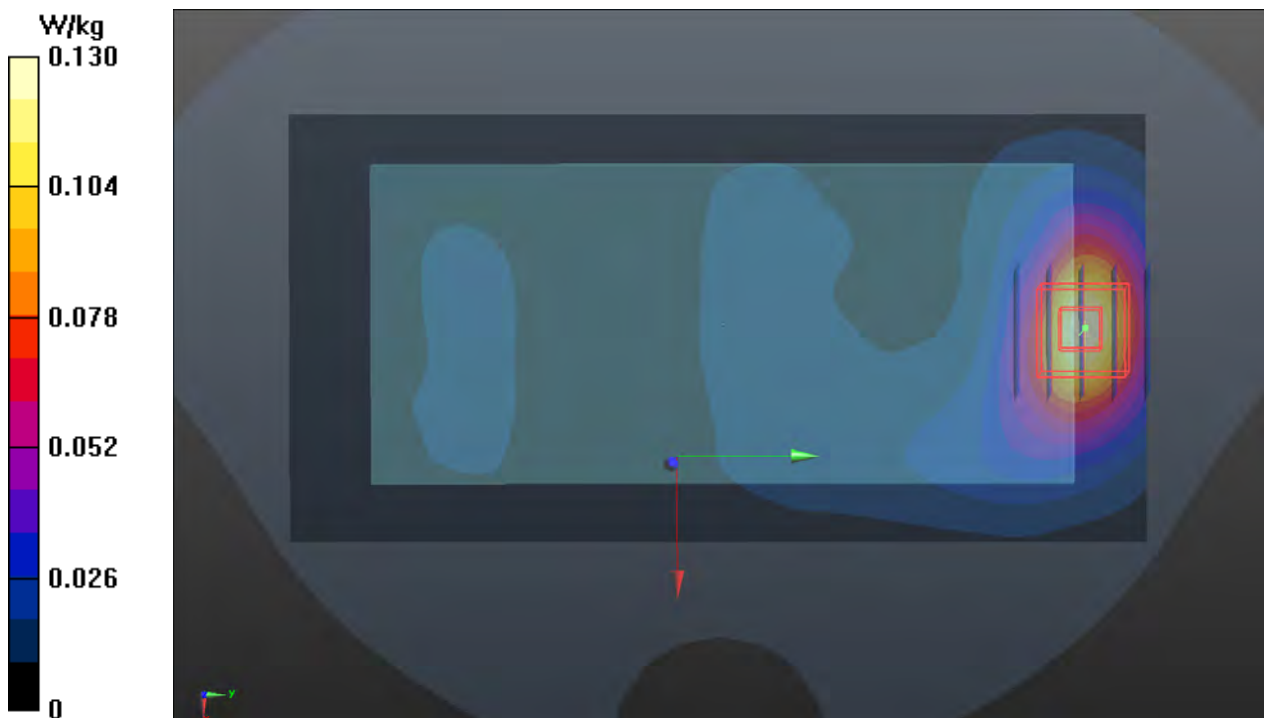
Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 1860 MHz; Duty Cycle: 1:3.56
Medium: H16T20N1_0123 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.429$ S/m; $\epsilon_r = 38.311$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(8.35, 8.35, 8.35) @ 1860 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.130 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.320 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.141 W/kg
SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.048 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 12.2 mm
Ratio of SAR at M2 to SAR at M1 = 61.9%
Maximum value of SAR (measured) = 0.120 W/kg



P200 5G NR-n2_DFT-S QPSK20M_Front Face_15mm_Ch380000_1RB_0S1_Ant 8

DUT: BFLF-WTW-P20120540

Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 1900 MHz; Duty Cycle: 1:3.56

Medium: H16T20N1_0123 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.464$ S/m; $\epsilon_r = 38.164$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(8.35, 8.35, 8.35) @ 1900 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.199 W/kg

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

Reference Value = 11.40 V/m; Power Drift = 0.02 dB

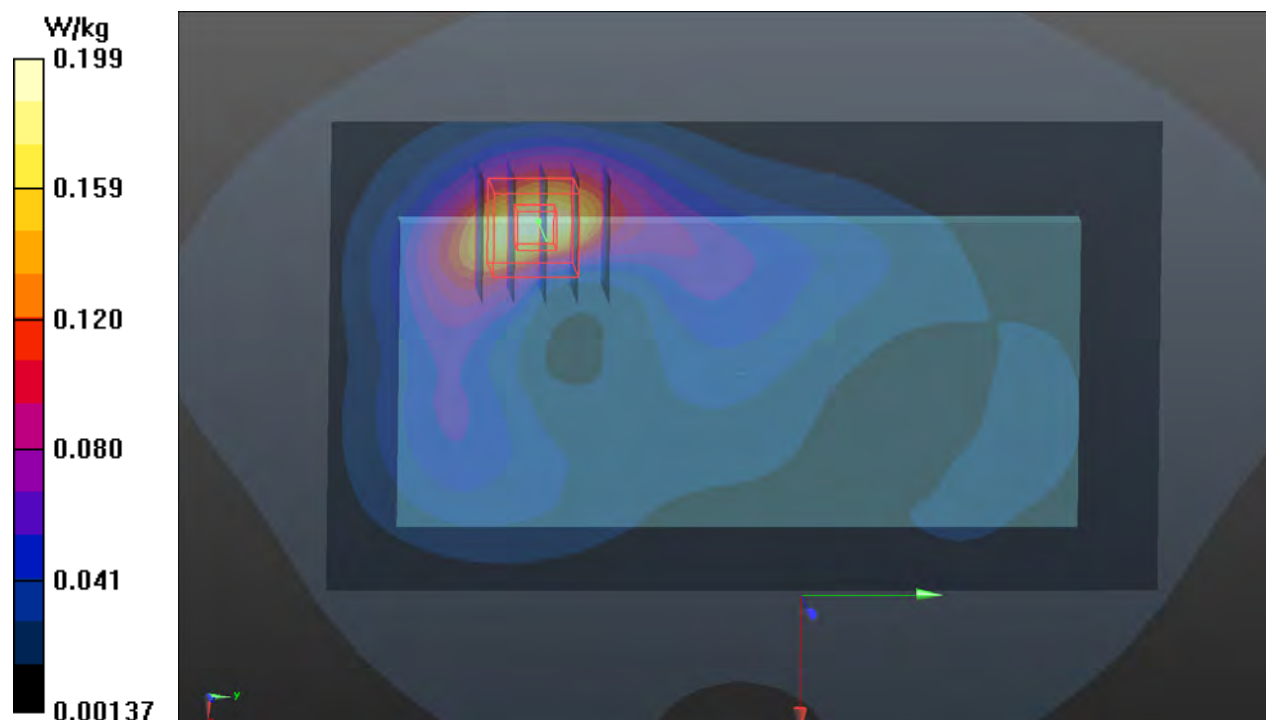
Peak SAR (extrapolated) = 0.228 W/kg

SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.074 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 11.5 mm

Ratio of SAR at M2 to SAR at M1 = 59.9%

Maximum value of SAR (measured) = 0.195 W/kg



P201 5G NR-n2_DFT-S QPSK20M_Front Face_15mm_Ch372000_1RB_0S1_Ant 9

DUT: BFLF-WTW-P20120540

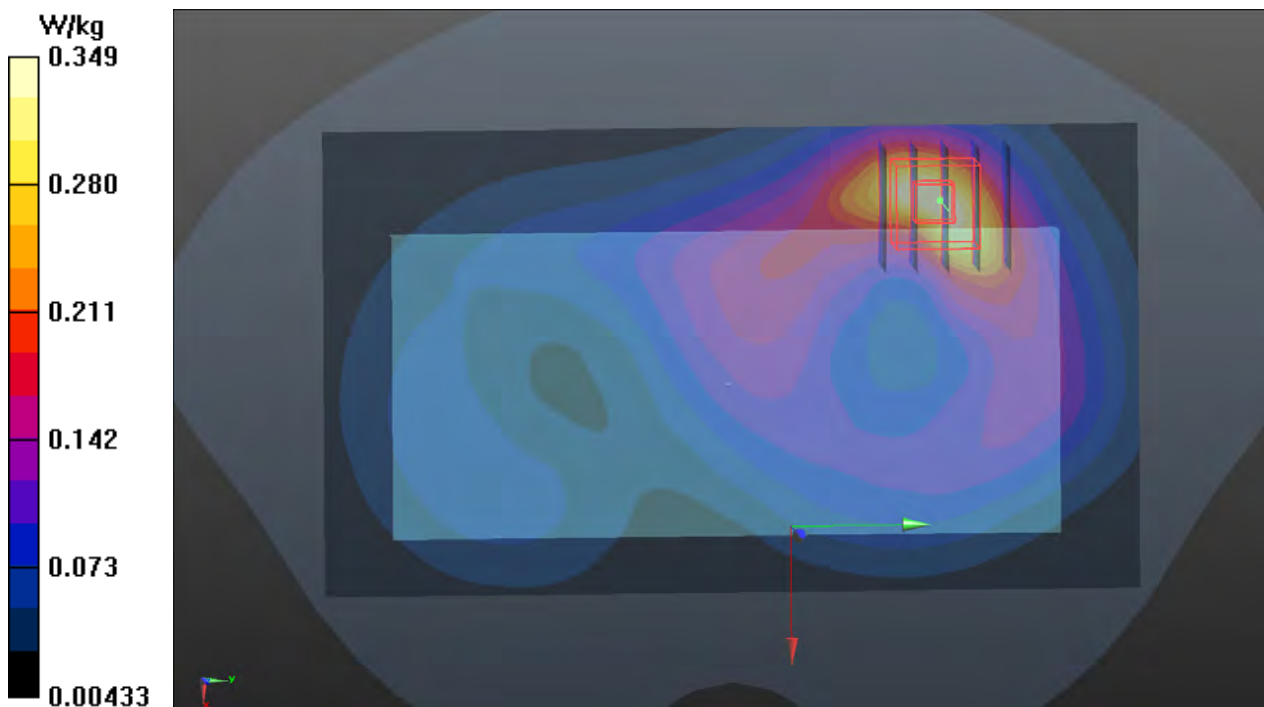
Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 1860 MHz; Duty Cycle: 1:3.56
Medium: H16T20N1_0123 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.429$ S/m; $\epsilon_r = 38.311$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(8.35, 8.35, 8.35) @ 1860 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.349 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.19 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.431 W/kg
SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.140 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 11.5 mm
Ratio of SAR at M2 to SAR at M1 = 59.2%
Maximum value of SAR (measured) = 0.362 W/kg



P202 5G NR-n5_DFT-S QPSK20M_Front Face_15mm_Ch167300_1RB_0S1_Ant 0

DUT: BFLF-WTW-P20120540

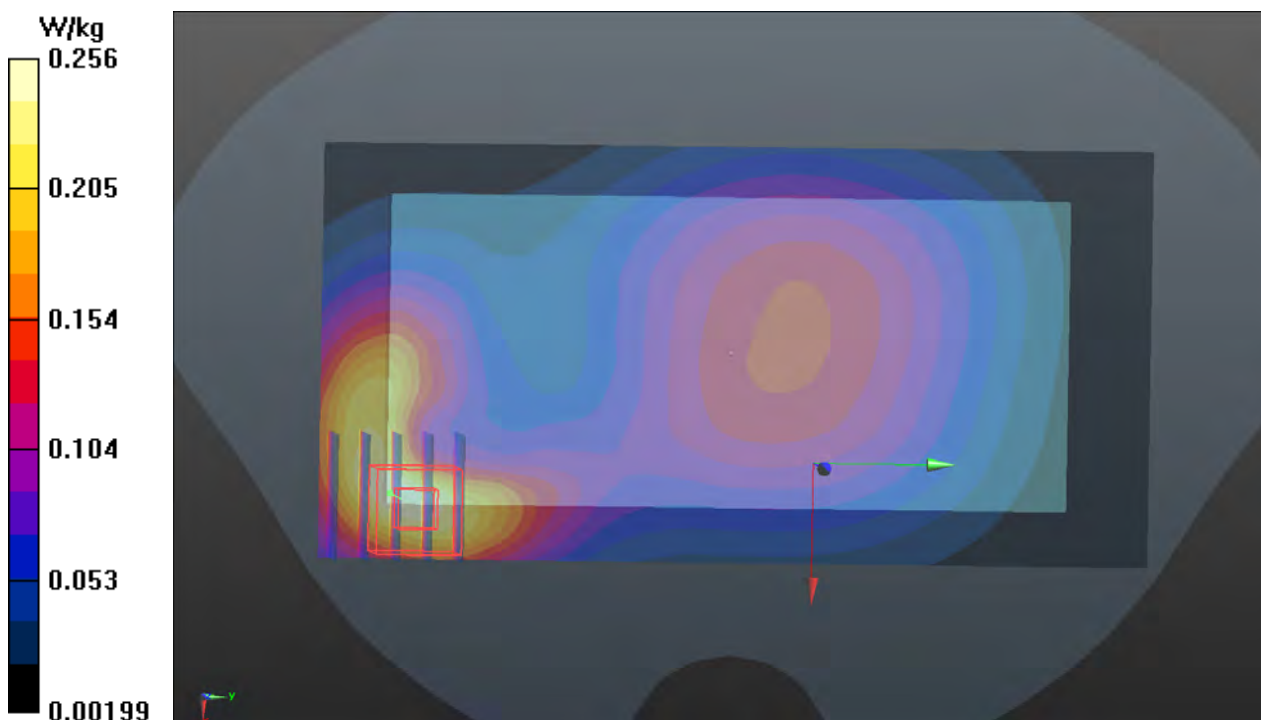
Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 836.5 MHz; Duty Cycle: 1:3.56
Medium: H07T10N1_0123 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 42.303$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(10.11, 10.11, 10.11) @ 836.5 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.256 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.02 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.307 W/kg
SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.115 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 14.8 mm
Ratio of SAR at M2 to SAR at M1 = 59.6%
Maximum value of SAR (measured) = 0.260 W/kg



P203 5GNR-n5_DFT-S QPSK20M_Front Face_15mm_Ch167300_1RB_OS1_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10931 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 836.5 MHz; Duty Cycle: 1:3.56

Medium: H07T10N1_0120 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.947$ S/m; $\epsilon_r = 42.991$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(10.11, 10.11, 10.11) @ 836.5 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 17.93 V/m; Power Drift = -0.03 dB

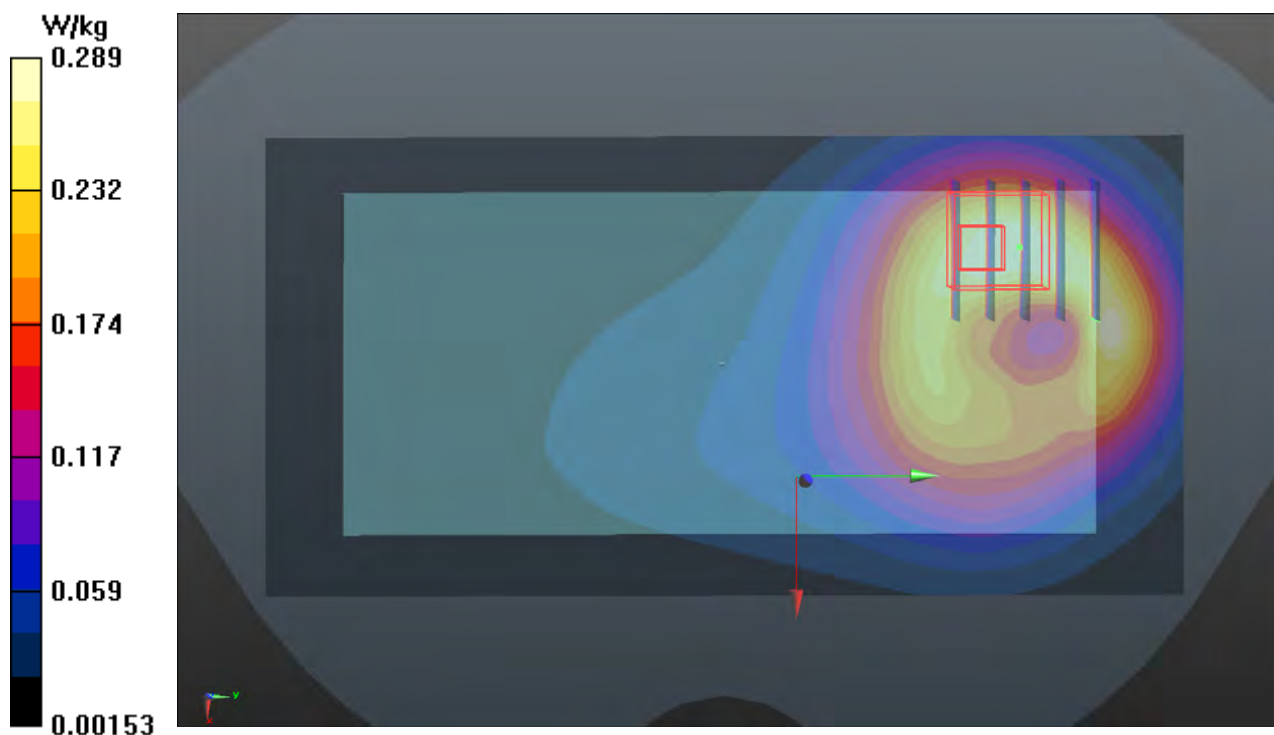
Peak SAR (extrapolated) = 0.336 W/kg

SAR(1 g) = 0.198 W/kg; SAR(10 g) = 0.122 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 12.5 mm

Ratio of SAR at M2 to SAR at M1 = 60.4%

Maximum value of SAR (measured) = 0.286 W/kg



P1201 5G NR-n7_DFT-S QPSK50M_Rear Face_15mm_Ch505000_1RB_OS1_Ant 1

DUT: BFLF-WTW-P20120540

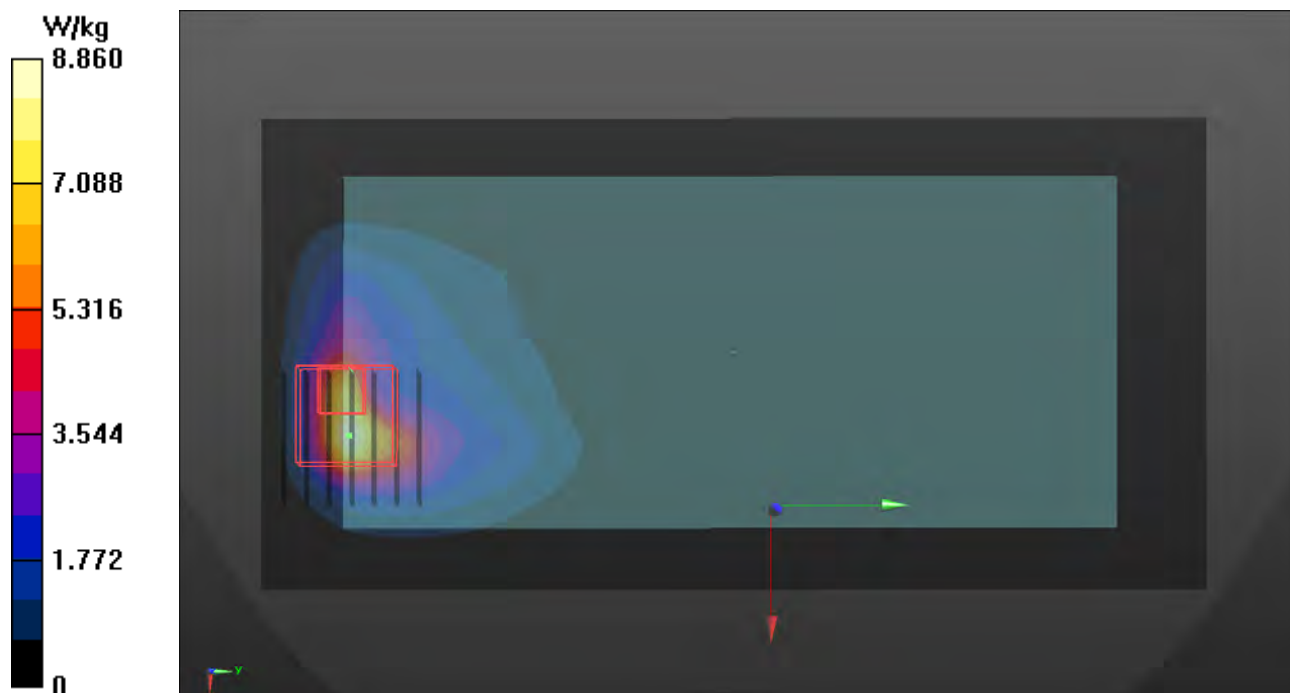
Communication System: UID 10935 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz); Frequency: 2525 MHz; Duty Cycle: 1:3.56
Medium: H19T27N1_0310 Medium parameters used (interpolated): $f = 2525$ MHz; $\sigma = 1.938$ S/m; $\epsilon_r = 37.83$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.28, 7.28, 7.28) @ 2525 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 8.86 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.03 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.860 W/kg
SAR(1 g) = 0.483 W/kg; SAR(10 g) = 0.265 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 18.4 mm
Ratio of SAR at M2 to SAR at M1 = 57.4%
Maximum value of SAR (measured) = 0.723 W/kg



P1202 5G NR-n7_DFT-S QPSK50M_Front Face_15mm_Ch507000_1RB_OS1_Ant 2

DUT: BFLF-WTW-P20120540

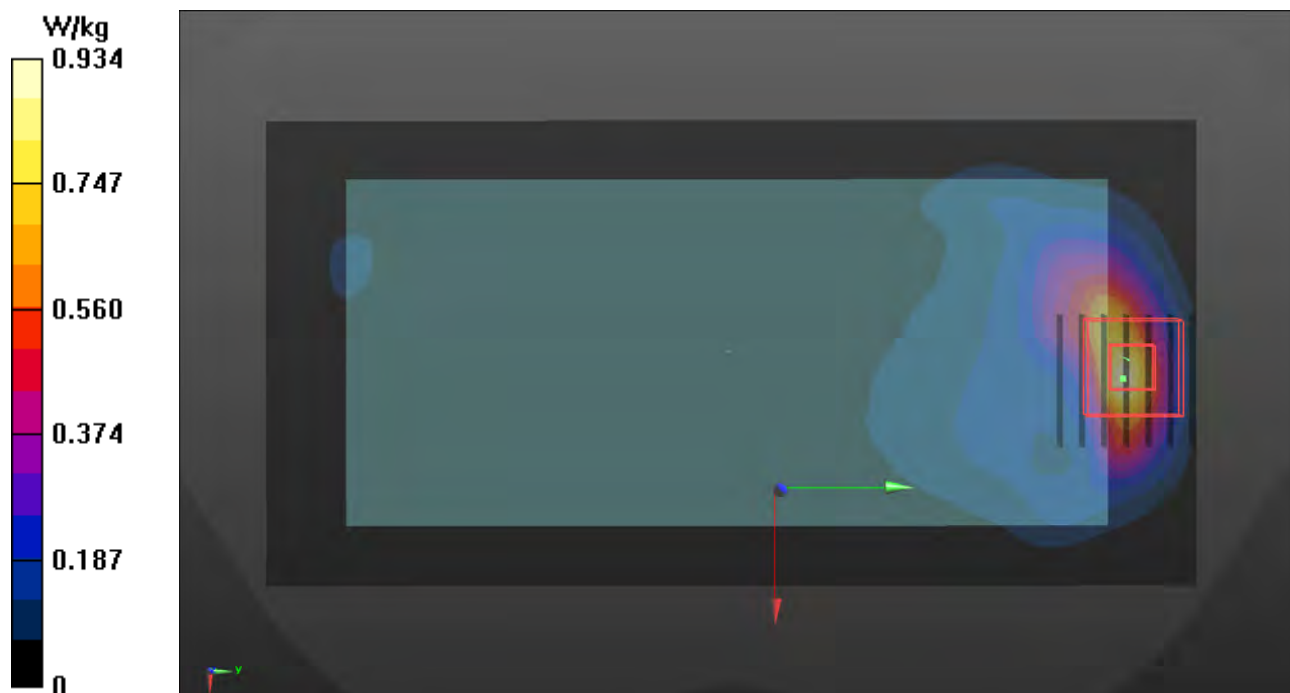
Communication System: UID 10935 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz); Frequency: 2535 MHz; Duty Cycle: 1:3.56
Medium: H19T27N1_0310 Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 1.948$ S/m; $\epsilon_r = 37.802$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.28, 7.28, 7.28) @ 2535 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.934 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.622 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.138 W/kg
SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.042 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 14.3 mm
Ratio of SAR at M2 to SAR at M1 = 55.5%
Maximum value of SAR (measured) = 0.115 W/kg



P1203 5G NR-n7_DFT-S QPSK50M_Rear Face_15mm_Ch505000_1RB_OS1_Ant 8

DUT: BFLF-WTW-P20120540

Communication System: UID 10935 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz); Frequency: 2525 MHz; Duty Cycle: 1:3.56
Medium: H19T27N1_0310 Medium parameters used (interpolated): $f = 2525$ MHz; $\sigma = 1.938$ S/m; $\epsilon_r = 37.83$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.28, 7.28, 7.28) @ 2525 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.131 W/kg

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

Reference Value = 8.054 V/m; Power Drift = -0.05 dB

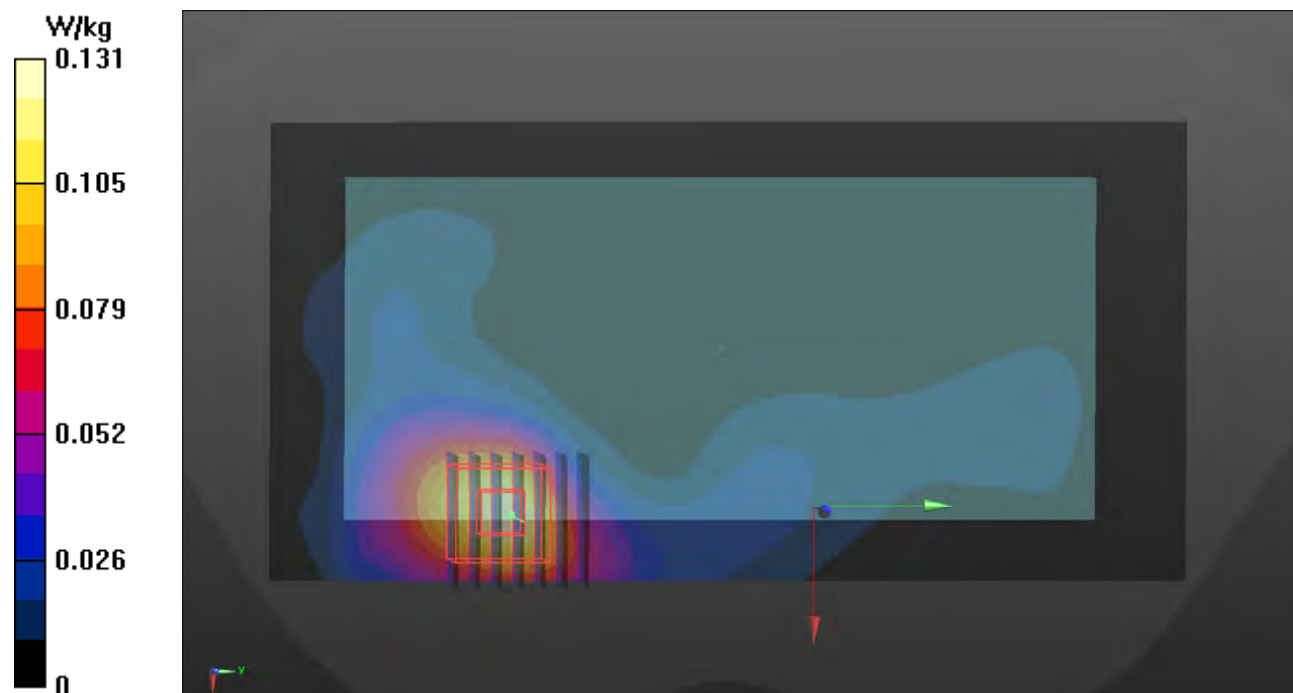
Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.045 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 14.8 mm

Ratio of SAR at M2 to SAR at M1 = 54.8%

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



P1204 5G NR-n7_DFT-S QPSK50M_Rear Face_15mm_Ch509000_1RB_OS1_Ant 9

DUT: BFLF-WTW-P20120540

Communication System: UID 10935 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz); Frequency: 2545 MHz; Duty Cycle: 1:3.56
Medium: H19T27N1_0310 Medium parameters used (interpolated): $f = 2545$ MHz; $\sigma = 1.959$ S/m; $\epsilon_r = 37.754$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.28, 7.28, 7.28) @ 2545 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 3.14 W/kg

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

Reference Value = 9.560 V/m; Power Drift = -0.08 dB

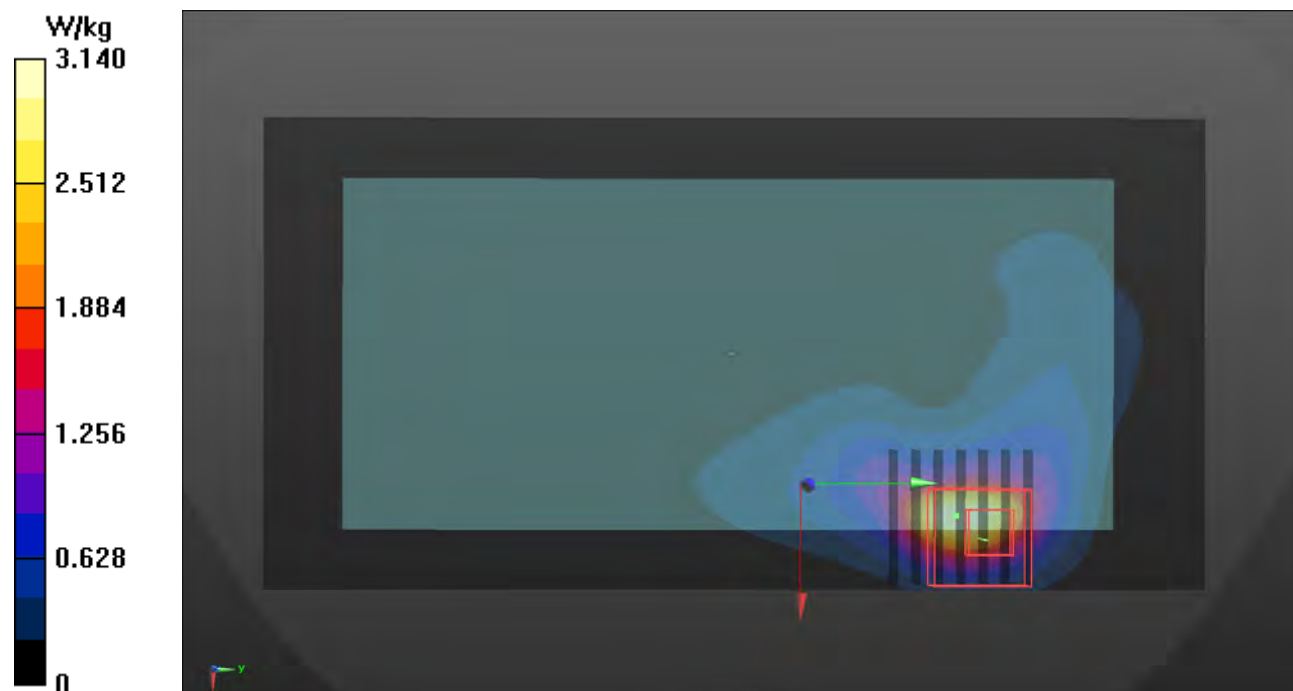
Peak SAR (extrapolated) = 0.254 W/kg

SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.077 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 14.8 mm

Ratio of SAR at M2 to SAR at M1 = 55.2%

Maximum value of SAR (measured) = 0.212 W/kg



P204 5G NR-n7_DFT-S QPSK40M_Rear Face_15mm_Ch504000_1RB_0S1_Ant 1

DUT: BFLF-WTW-P20120540

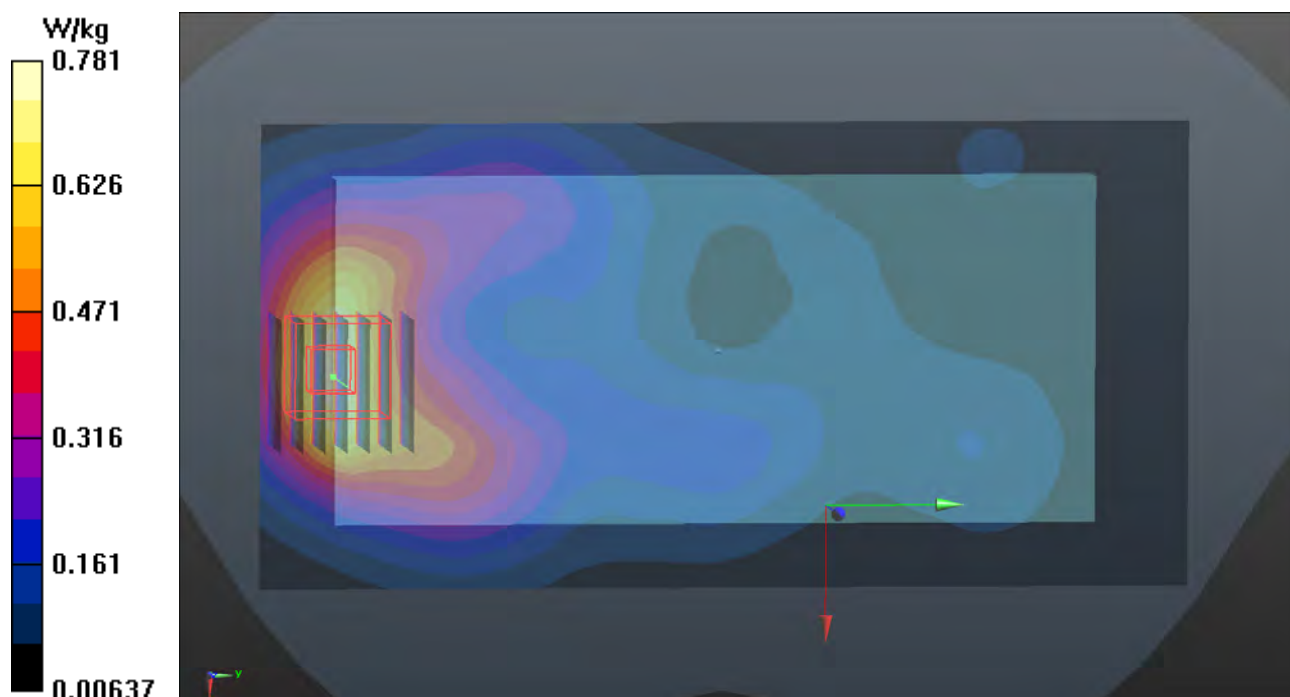
Communication System: UID 10934 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 2520 MHz; Duty Cycle: 1:3.56
Medium: H19T27N1_0128 Medium parameters used: $f = 2520$ MHz; $\sigma = 1.948$ S/m; $\epsilon_r = 37.685$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.53, 7.53, 7.53) @ 2520 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.781 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.37 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.925 W/kg
SAR(1 g) = 0.494 W/kg; SAR(10 g) = 0.284 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 14.6 mm
Ratio of SAR at M2 to SAR at M1 = 54.3%
Maximum value of SAR (measured) = 0.766 W/kg



P205 5G NR-n7_DFT-S QPSK40M_Front Face_15mm_Ch507000_1RB_OS1_Ant 2

DUT: BFLF-WTW-P20120540

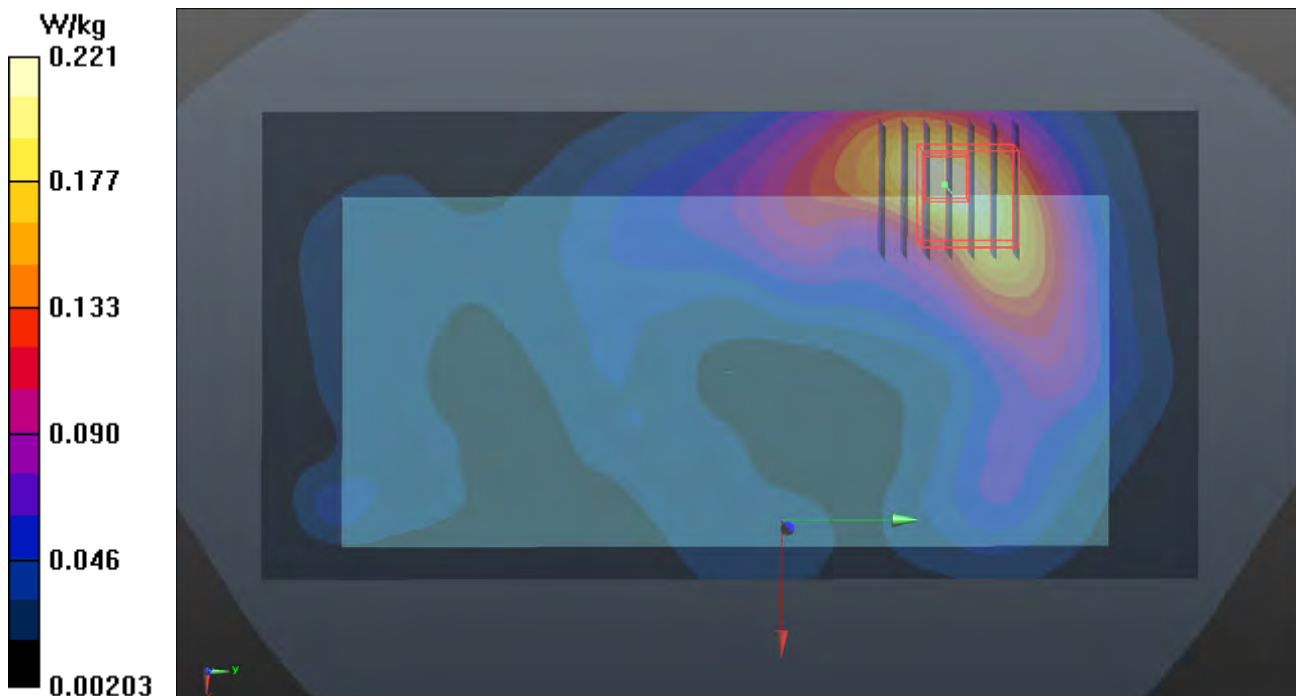
Communication System: UID 10934 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 2535 MHz; Duty Cycle: 1:3.56
Medium: H19T27N1_0121 Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 1.95$ S/m; $\epsilon_r = 37.713$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.53, 7.53, 7.53) @ 2535 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.221 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.92 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.268 W/kg
SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.078 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 12.5 mm
Ratio of SAR at M2 to SAR at M1 = 52.1%
Maximum value of SAR (measured) = 0.215 W/kg



P206 5G NR-n7_DFT-S QPSK40M_Rear Face_15mm_Ch504000_1RB_OS1_Ant 8

DUT: BFLF-WTW-P20120540

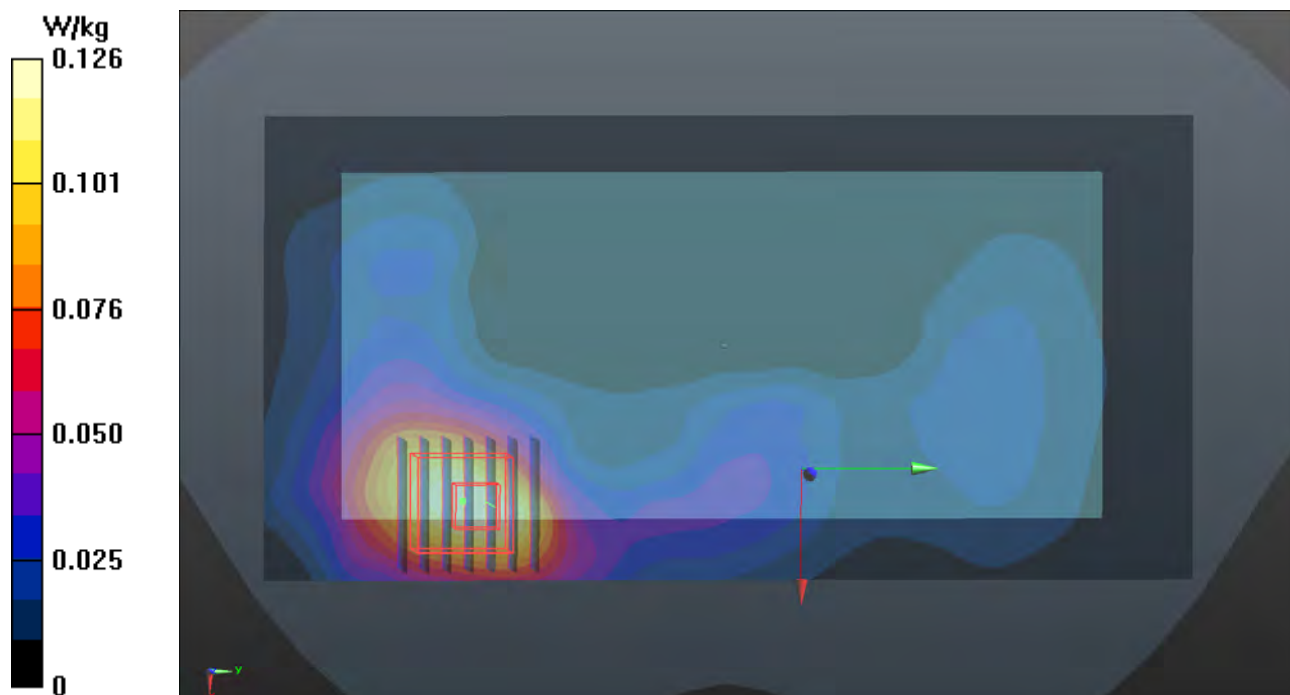
Communication System: UID 10934 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 2520 MHz; Duty Cycle: 1:3.56
Medium: H19T27N1_0125 Medium parameters used: $f = 2520$ MHz; $\sigma = 1.951$ S/m; $\epsilon_r = 38.945$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.53, 7.53, 7.53) @ 2520 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.126 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.252 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.154 W/kg
SAR(1 g) = 0.081 W/kg; SAR(10 g) = 0.044 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 14.1 mm
Ratio of SAR at M2 to SAR at M1 = 53.4%
Maximum value of SAR (measured) = 0.126 W/kg



P207 5G NR-n7_DFT-S QPSK40M_Rear Face_15mm_Ch510000_1RB_OS1_Ant 9

DUT: BFLF-WTW-P20120540

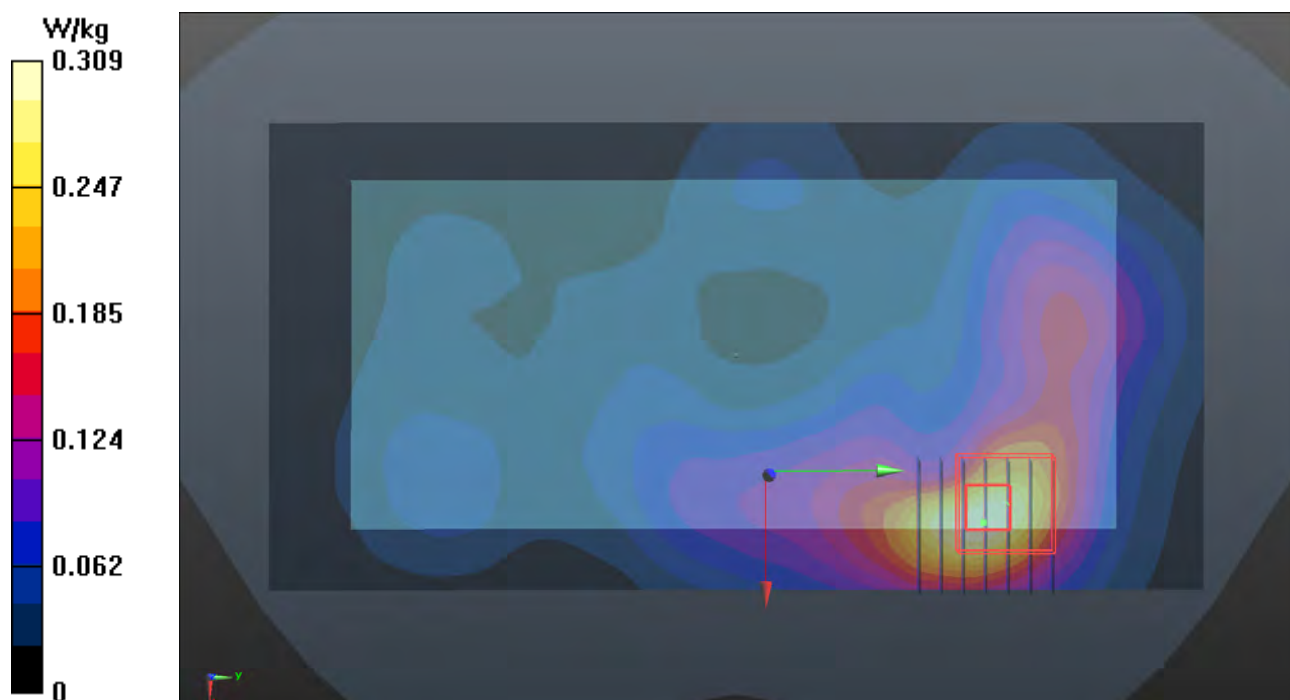
Communication System: UID 10934 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 2550 MHz; Duty Cycle: 1:3.56
Medium: H19T27N1_0130 Medium parameters used: $f = 2550$ MHz; $\sigma = 1.987$ S/m; $\epsilon_r = 37.976$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.53, 7.53, 7.53) @ 2550 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.309 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.61 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.675 W/kg
SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.101 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 12.8 mm
Ratio of SAR at M2 to SAR at M1 = 53.1%
Maximum value of SAR (measured) = 0.313 W/kg



P208 5GNR-n12_DFT-S QPSK15M_Front Face_15mm_Ch141500_1RB_OS1_Ant 0

DUT: BFLF-WTW-P20120540

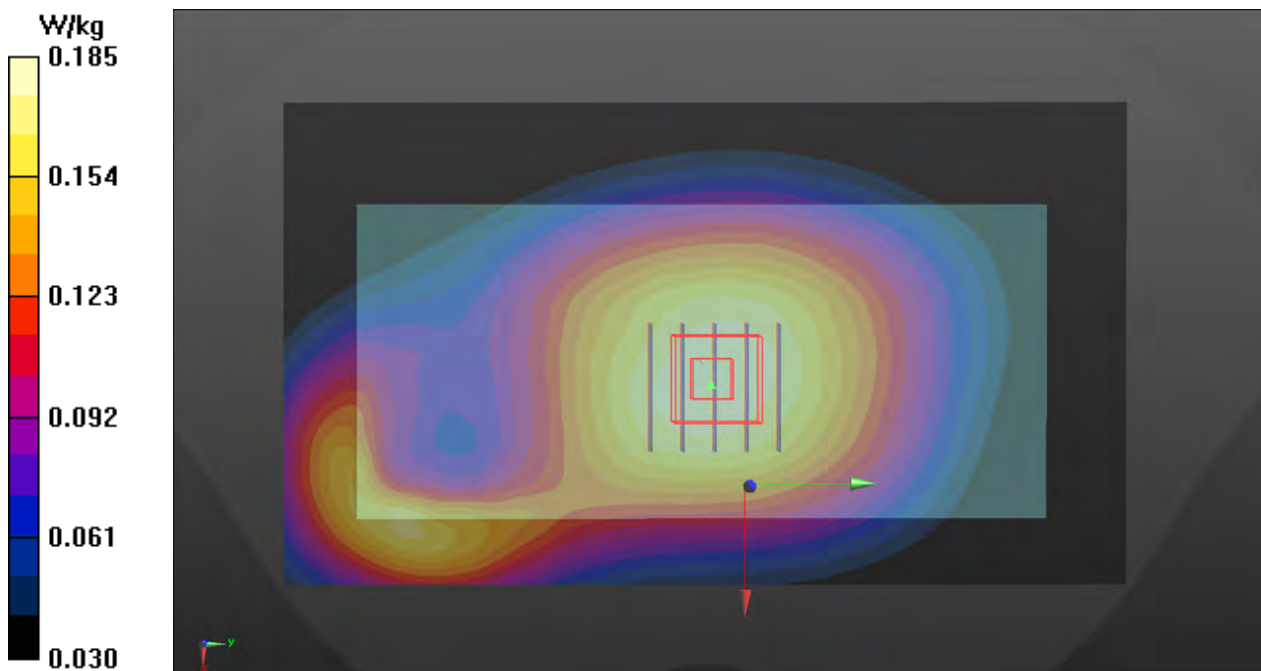
Communication System: UID 10930 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz); Frequency: 707.5 MHz; Duty Cycle: 1:3.56
Medium: H06T09N1_0123 Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.861$ S/m; $\epsilon_r = 42.236$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.39, 10.39, 10.39) @ 707.5 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.186 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.31 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.202 W/kg
SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.120 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 75.8%
Maximum value of SAR (measured) = 0.185 W/kg



P209 5GNR-n12_DFT-S QPSK15M_Front Face_15mm_Ch141500_1RB_OS1_Ant 2

DUT: BFLF-WTW-P20120540

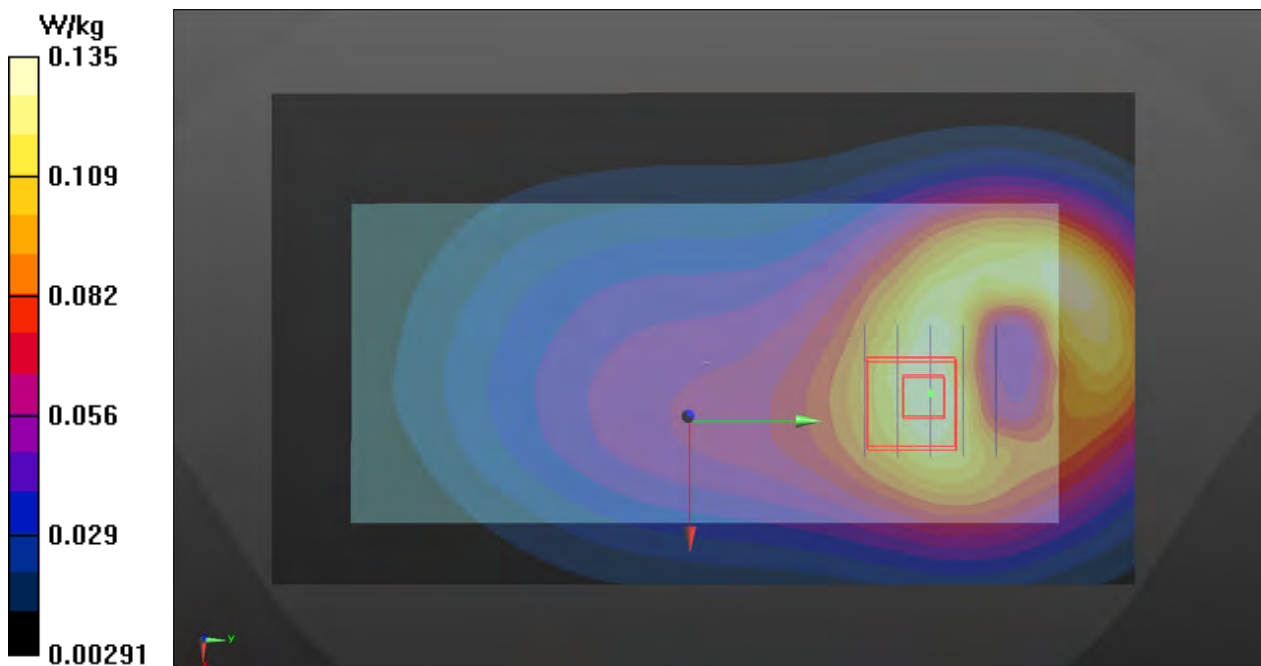
Communication System: UID 10930 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz); Frequency: 707.5 MHz; Duty Cycle: 1:3.56
Medium: H06T09N1_0123 Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.861$ S/m; $\epsilon_r = 42.236$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.39, 10.39, 10.39) @ 707.5 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.139 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.97 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.154 W/kg
SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.074 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 16 mm
Ratio of SAR at M2 to SAR at M1 = 68.1%
Maximum value of SAR (measured) = 0.135 W/kg



P210 5GNR-n14_DFT-S QPSK10M_Rear Face_15mm_Ch158600_1RB_OS1_Ant 0

DUT: BFLF-WTW-P20120540

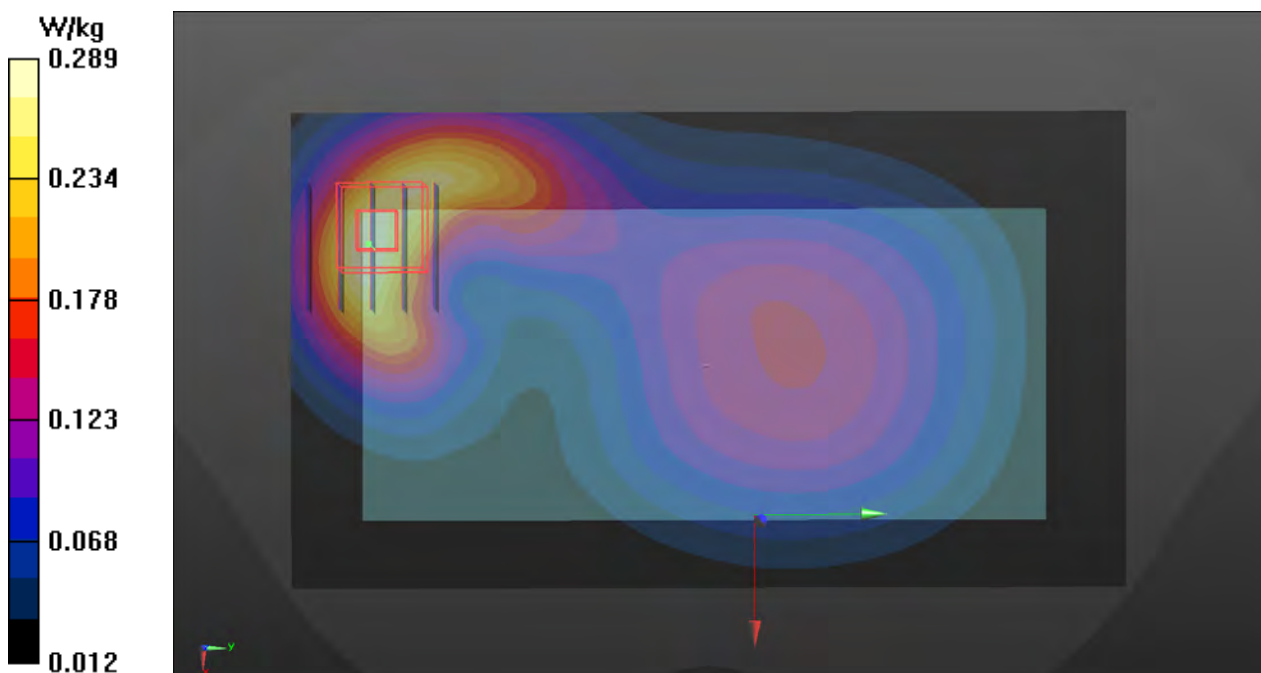
Communication System: UID 10929 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz); Frequency: 793 MHz; Duty Cycle: 1:3.56
Medium: H06T09N1_0123 Medium parameters used: $f = 793$ MHz; $\sigma = 0.939$ S/m; $\epsilon_r = 41.121$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.39, 10.39, 10.39) @ 793 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.292 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.47 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.339 W/kg
SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.122 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 13.7 mm
Ratio of SAR at M2 to SAR at M1 = 60.3%
Maximum value of SAR (measured) = 0.289 W/kg



P211 5GNR-n14_DFT-S QPSK10M_Front Face_15mm_Ch158600_1RB_OS1_Ant 2

DUT: BFLF-WTW-P20120540

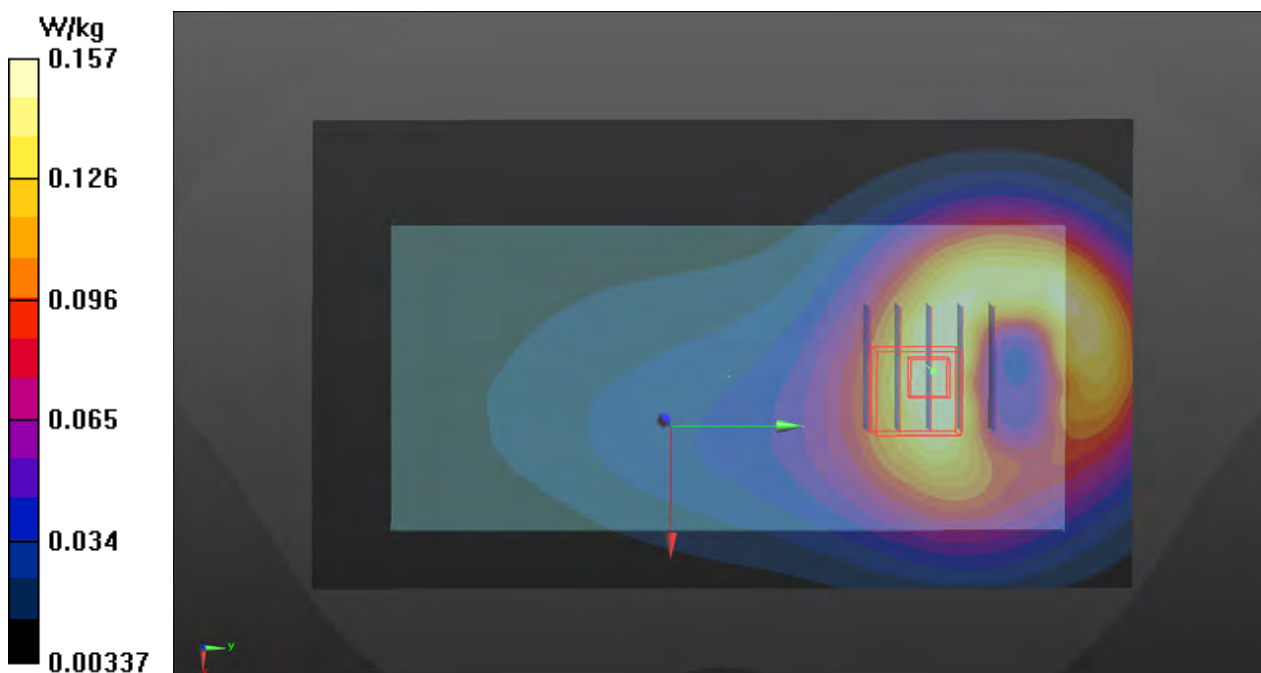
Communication System: UID 10929 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz); Frequency: 793 MHz; Duty Cycle: 1:3.56
Medium: H06T09N1_0123 Medium parameters used: $f = 793$ MHz; $\sigma = 0.939$ S/m; $\epsilon_r = 41.121$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.39, 10.39, 10.39) @ 793 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.161 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.98 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.182 W/kg
SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.076 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 12.2 mm
Ratio of SAR at M2 to SAR at M1 = 66.4%
Maximum value of SAR (measured) = 0.157 W/kg



P212 5GNR-n25_DFT-S QPSK40M_Rear Face_15mm_Ch376500_1RB_OS1_Ant 1

DUT: BFLF-WTW-P20120540

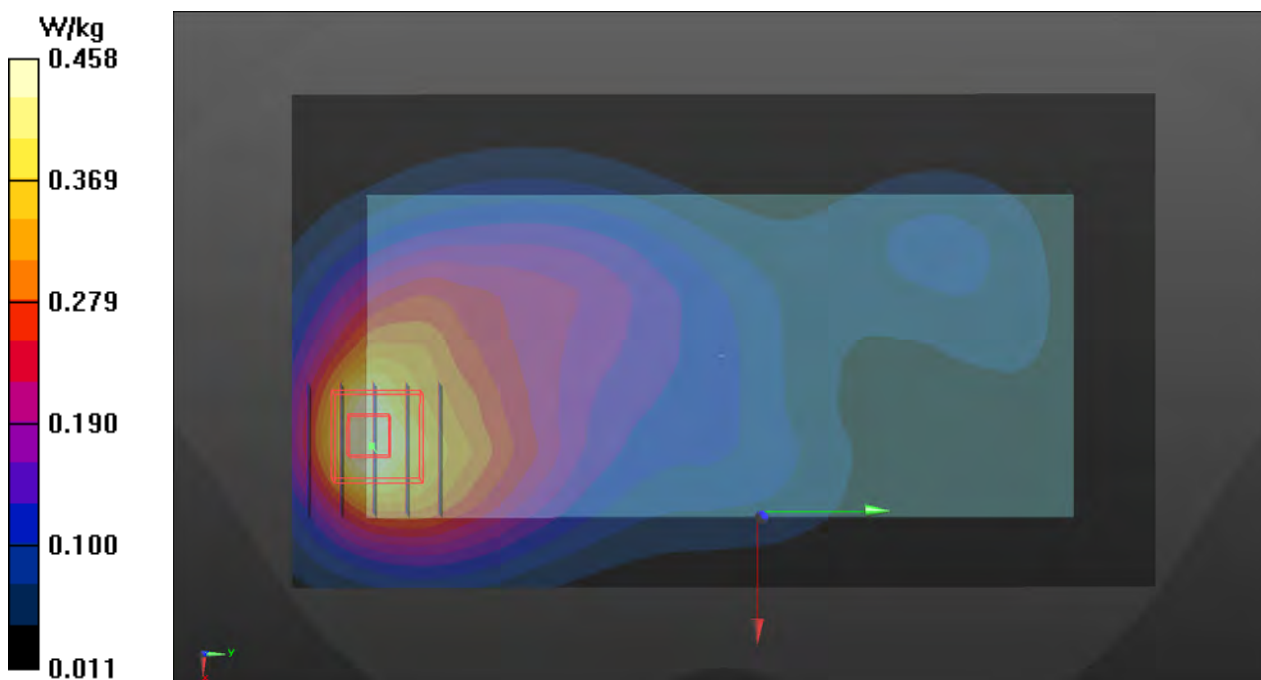
Communication System: UID 10934 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1882.5 MHz; Duty Cycle: 1:3.56
Medium: H16T20N1_0123 Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.438$ S/m; $\epsilon_r = 39.383$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.26, 8.26, 8.26) @ 1882.5 MHz; Calibrated: 2020/09/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2020/09/15
- Phantom: Twin SAM Phantom_1986; Type: QD 000 P40 CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.476 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.86 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.536 W/kg
SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.194 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 16.7 mm
Ratio of SAR at M2 to SAR at M1 = 59.5%
Maximum value of SAR (measured) = 0.458 W/kg



P213 5GNR-n25_DFT-S QPSK40M_Front Face_15mm_Ch379000_1RB_0S1_Ant 2

DUT: BFLF-WTW-P20120540

Communication System: UID 10934 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1895 MHz; Duty Cycle: 1:3.56
Medium: H16T20N1_0123 Medium parameters used: $f = 1895$ MHz; $\sigma = 1.46$ S/m; $\epsilon_r = 38.185$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(8.35, 8.35, 8.35) @ 1895 MHz; Calibrated: 2020/08/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2020/05/28
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.177 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.05 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.206 W/kg
SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.068 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 12.8 mm
Ratio of SAR at M2 to SAR at M1 = 60.7%
Maximum value of SAR (measured) = 0.177 W/kg

