

ANNEX B: System Check Results

Date: 10/25/2021

System Check_H750

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 750$ MHz; $\sigma = 0.918$ S/m; $\epsilon_r = 43.713$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7322; ConvF(10.00, 10.00, 10.00) @ 750 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 3.02 W/kg

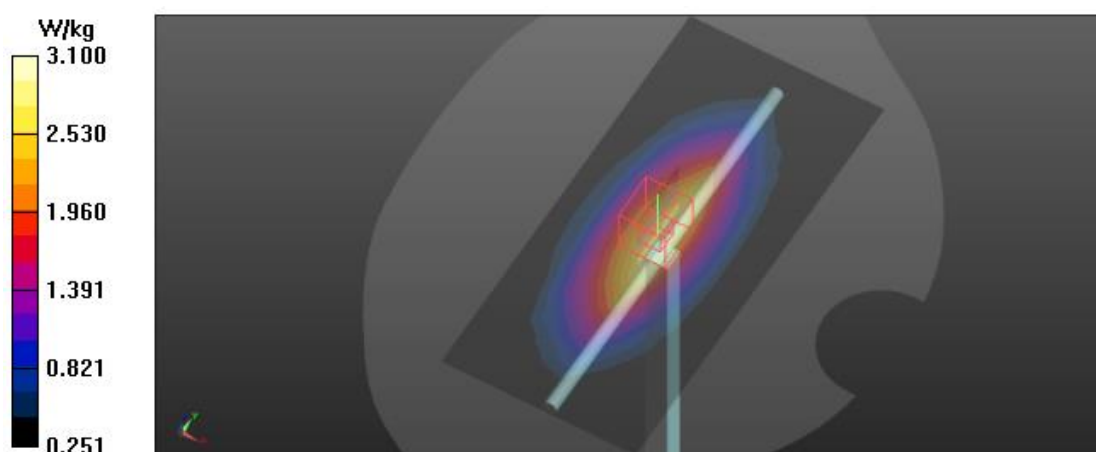
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 59.28 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.62 W/kg

SAR(1 g) = 2.24 W/kg; SAR(10 g) = 1.45 W/kg

Maximum value of SAR (measured) = 3.10 W/kg



System Check_H750

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1

Medium: 750 Head Medium parameters used: $f = 750$ MHz; $\sigma = 0.894$ S/m; $\epsilon_r = 42.37$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(10.18, 10.18, 10.18) @ 750 MHz; Calibrated: 2/28/2023
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 2/8/2023
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (7x15x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.27 W/kg

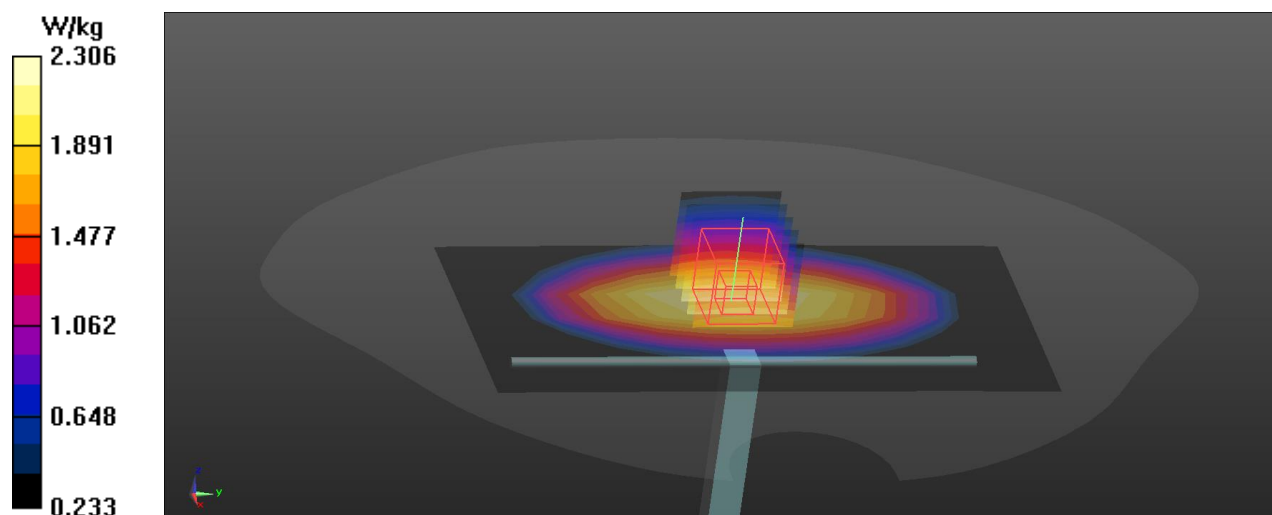
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 50.84 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.94 W/kg

SAR(1 g) = 1.98 W/kg; SAR(10 g) = 1.31 W/kg

Maximum value of SAR (measured) = 2.31 W/kg



System Check_H835

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835$ MHz; $\sigma = 0.932$ S/m; $\epsilon_r = 43.108$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7322; ConvF(9.67, 9.67, 9.67) @ 835 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 3.53 W/kg

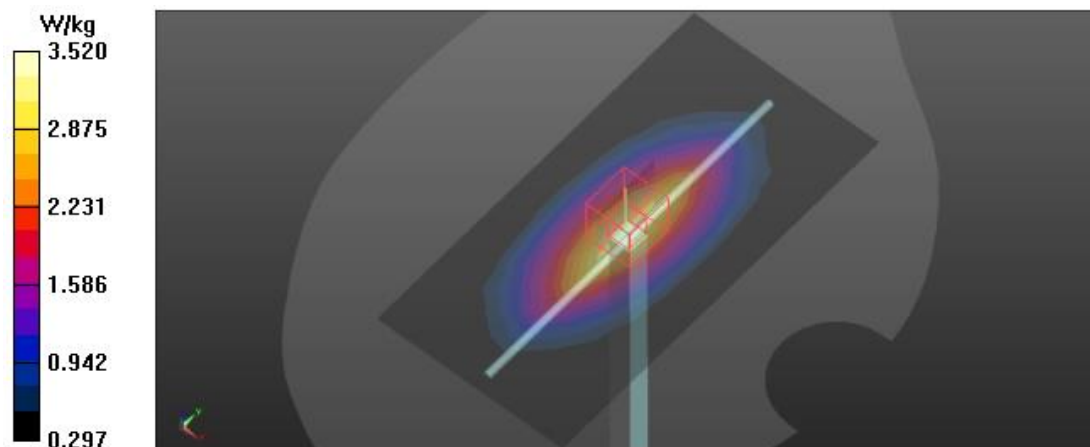
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 62.90 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 4.11 W/kg

SAR(1 g) = 2.55 W/kg; SAR(10 g) = 1.67 W/kg

Maximum value of SAR (measured) = 3.52 W/kg



System Check_H1750

Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.325$ S/m; $\epsilon_r = 40.317$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7322; ConvF(8.35, 8.35, 8.35) @ 1750 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 8.90 W/kg

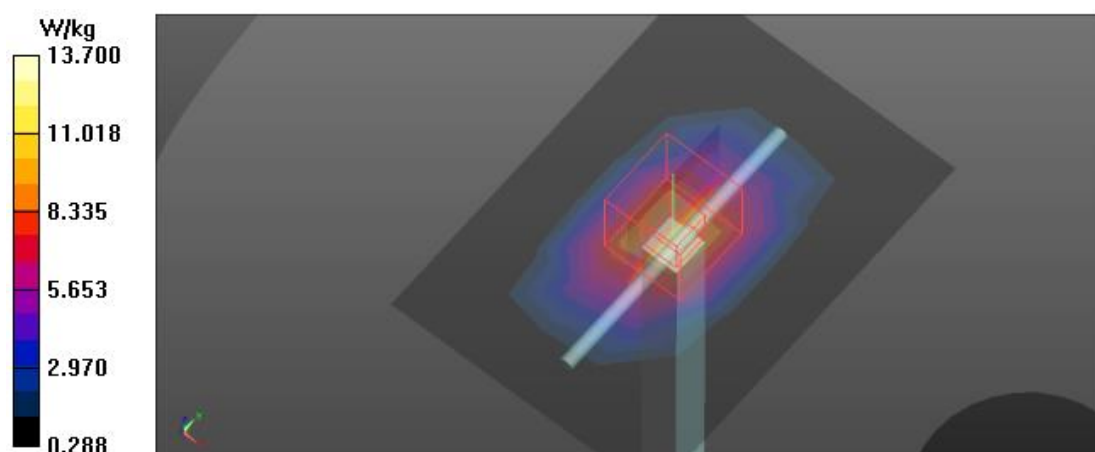
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 106.3 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 16.4 W/kg

SAR(1 g) = 9.05 W/kg; SAR(10 g) = 4.78 W/kg

Maximum value of SAR (measured) = 13.7 W/kg



System Check_H1750

Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.404$ S/m; $\epsilon_r = 40.569$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(8.36, 8.36, 8.36) @ 1750 MHz; Calibrated: 2/28/2023
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 2/8/2023
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (7x9x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 11.7 W/kg

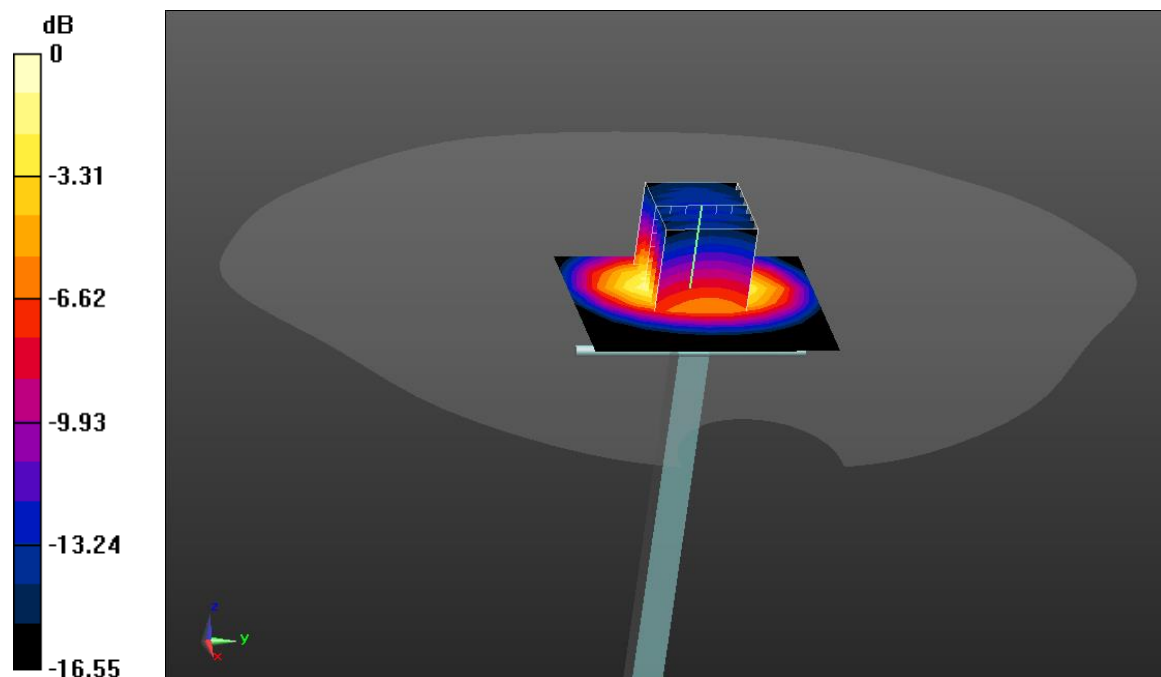
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 67.06 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 16.7 W/kg

SAR(1 g) = 9.25 W/kg; SAR(10 g) = 4.92 W/kg

Maximum value of SAR (measured) = 11.7 W/kg



System Check_H1900

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.417$ S/m; $\epsilon_r = 40.228$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7322; ConvF(8.03, 8.03, 8.03) @ 1900 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 11.8 W/kg

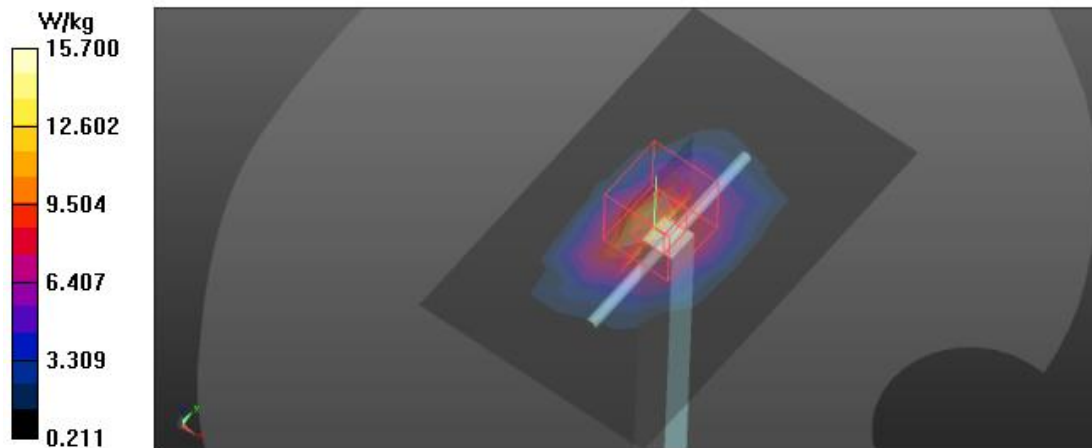
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 107.2 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 19.0 W/kg

SAR(1 g) = 10.1 W/kg; SAR(10 g) = 5.23 W/kg

Maximum value of SAR (measured) = 15.7 W/kg



System Check_H2450

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.771$ S/m; $\epsilon_r = 39.548$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7322; ConvF(7.38, 7.38, 7.38) @ 2450 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 14.1 W/kg

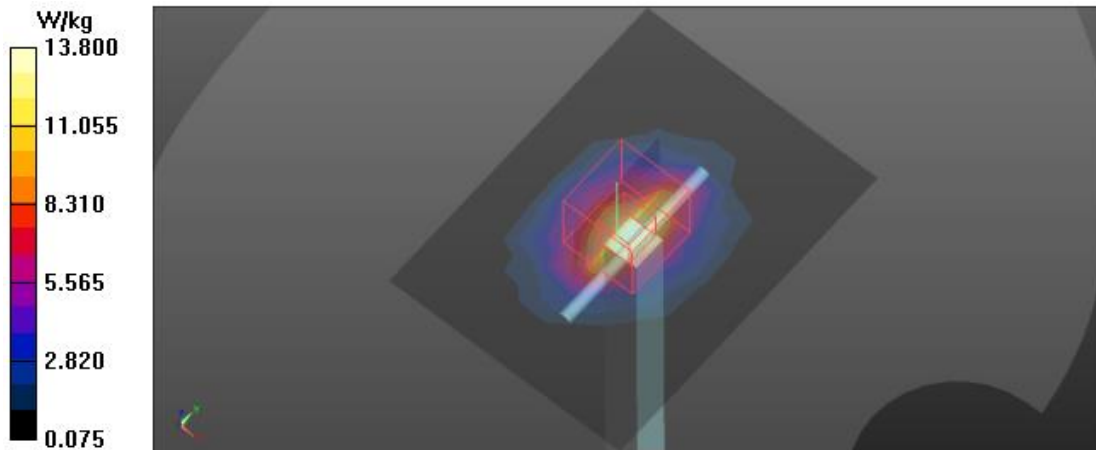
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 89.18 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 26.3 W/kg

SAR(1 g) = 12.7 W/kg; SAR(10 g) = 5.9 W/kg

Maximum value of SAR (measured) = 13.8 W/kg



System Check_H2600

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 1.889$ S/m; $\epsilon_r = 39.393$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7322; ConvF(7.22, 7.22, 7.22) @ 2600 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (6x6x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 16.5 W/kg

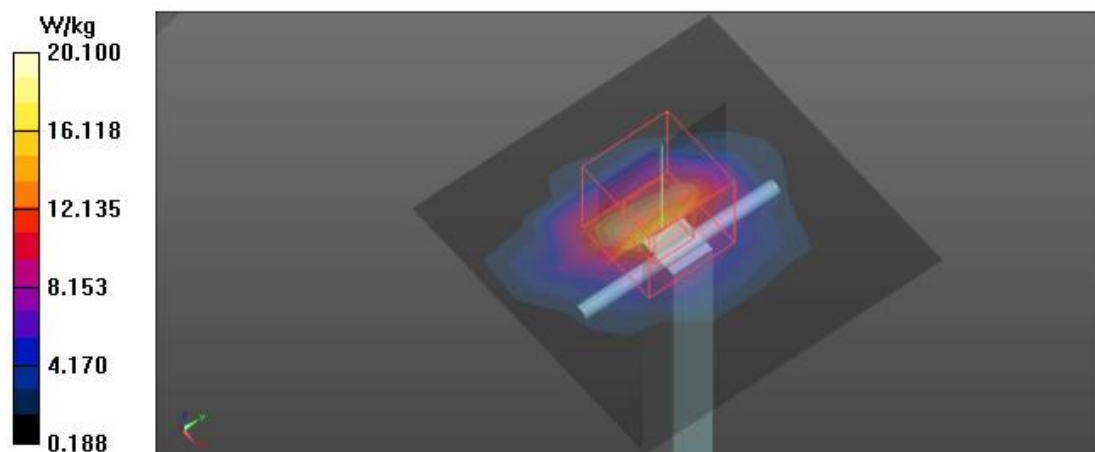
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 80.30 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 22.4 W/kg

SAR(1 g) = 13.6 W/kg; SAR(10 g) = 6.59 W/kg

Maximum value of SAR (measured) = 20.1 W/kg



System Check_H5200

Communication System: UID 0, CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.646$ S/m; $\epsilon_r = 36.053$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7322; ConvF(5.35, 5.35, 5.35) @ 5200 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (6x6x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 13.7 W/kg

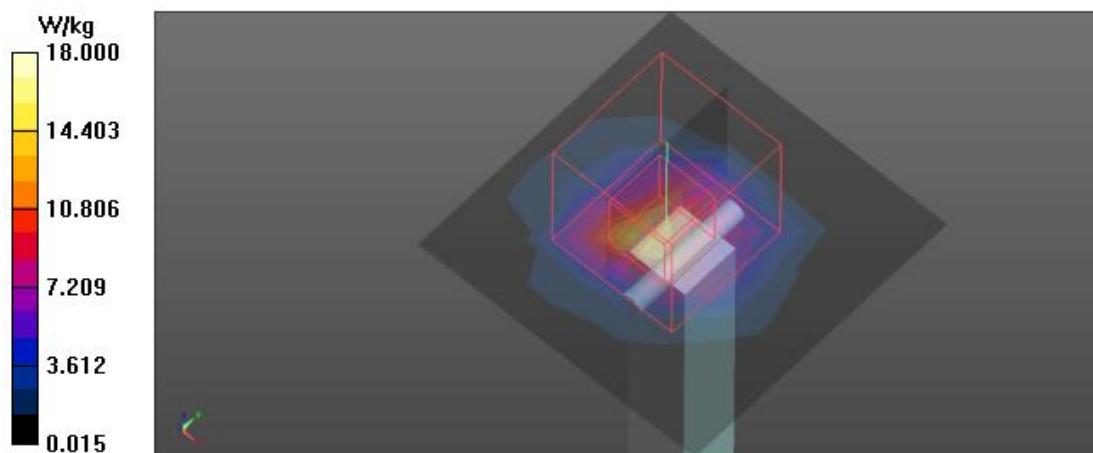
Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 65.28 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 30.2 W/kg

SAR(1 g) = 7.21 W/kg; SAR(10 g) = 2.08 W/kg

Maximum value of SAR (measured) = 18.0 W/kg



System Check_H5800

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5800$ MHz; $\sigma = 5.319$ S/m; $\epsilon_r = 35.433$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7322; ConvF(4.72, 4.72, 4.72) @ 5800 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (6x6x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 16.2 W/kg

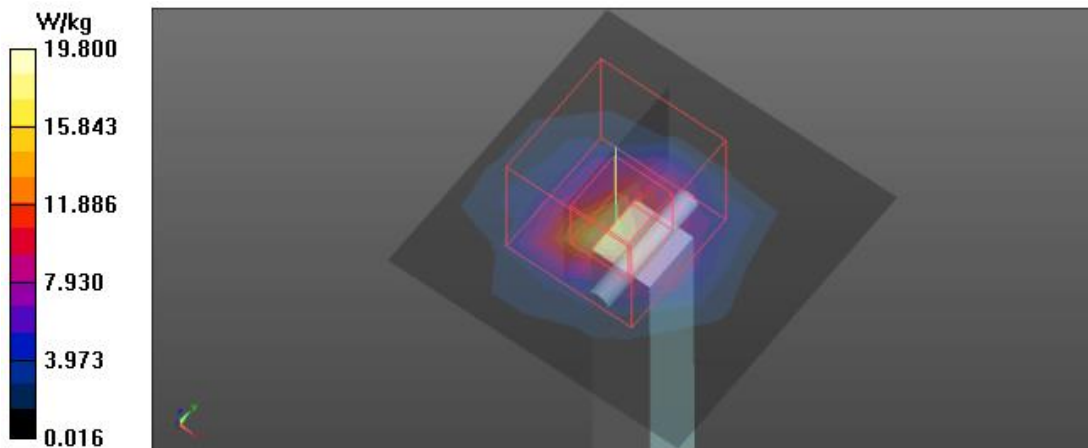
Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 63.40 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 35.0 W/kg

SAR(1 g) = 7.55 W/kg; SAR(10 g) = 2.16 W/kg

Maximum value of SAR (measured) = 19.8 W/kg



ANNEX C: Maximum Graph Results

Date: 10/28/2021

WCDMA II_left cheek_CH 9538

Communication System: UID 0, WCDMA 1900 (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: 1900 Head Medium parameters used: $f = 1908$ MHz; $\sigma = 1.389$ S/m; $\epsilon_r = 40.311$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(8.03, 8.03, 8.03) @ 1907.6 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (11x21x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.291 W/kg

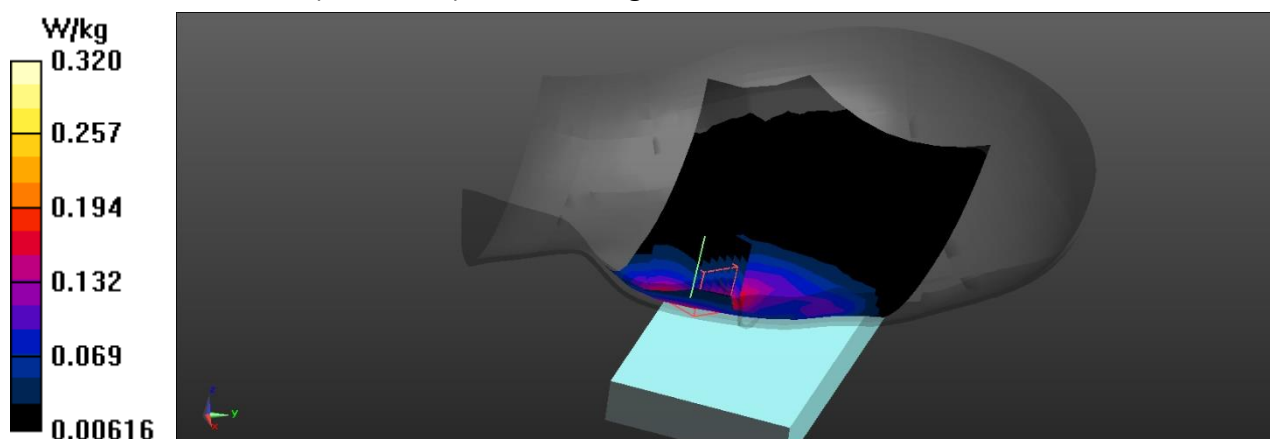
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.596 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.378 W/kg

SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.135 W/kg

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



WCDMA II_rear face_CH 9538

Communication System: UID 0, WCDMA 1900 (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: 1900 Head Medium parameters used: $f = 1908$ MHz; $\sigma = 1.389$ S/m; $\epsilon_r = 40.311$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(8.03, 8.03, 8.03) @ 1907.6 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (11x21x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.877 W/kg

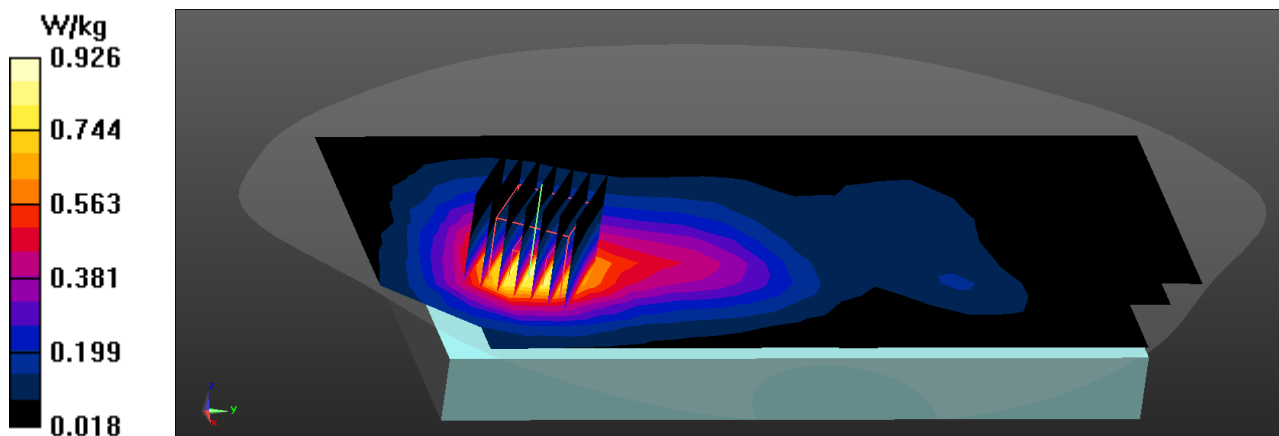
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.20 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.622 W/kg; SAR(10 g) = 0.354 W/kg

Maximum value of SAR (measured) = 0.926 W/kg



WCDMA V_right cheek_CH 4182

Communication System: UID 0, WCDMA 850 (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: 900 Head Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.902$ S/m; $\epsilon_r = 42.497$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(9.67, 9.67, 9.67) @ 836.4 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (11x21x1): Measurement grid: dx=12mm, dy=12mm

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

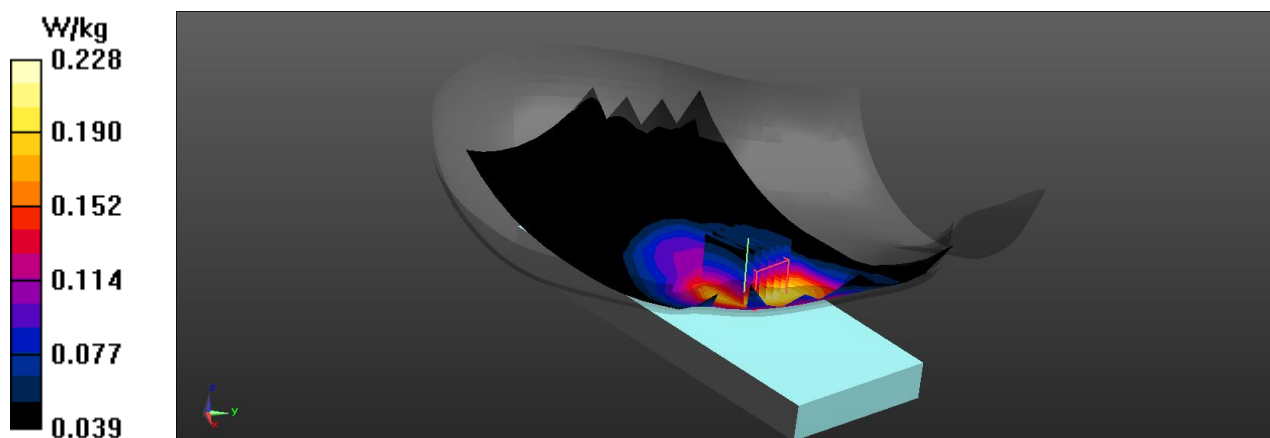
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.00 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.254 W/kg

SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.145 W/kg

Maximum value of SAR (measured) = 0.228 W/kg



WCDMA V_rear face_CH 4182

Communication System: UID 0, WCDMA 850 (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: 900 Head Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.902$ S/m; $\epsilon_r = 42.497$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(9.67, 9.67, 9.67) @ 836.4 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (11x21x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.552 W/kg

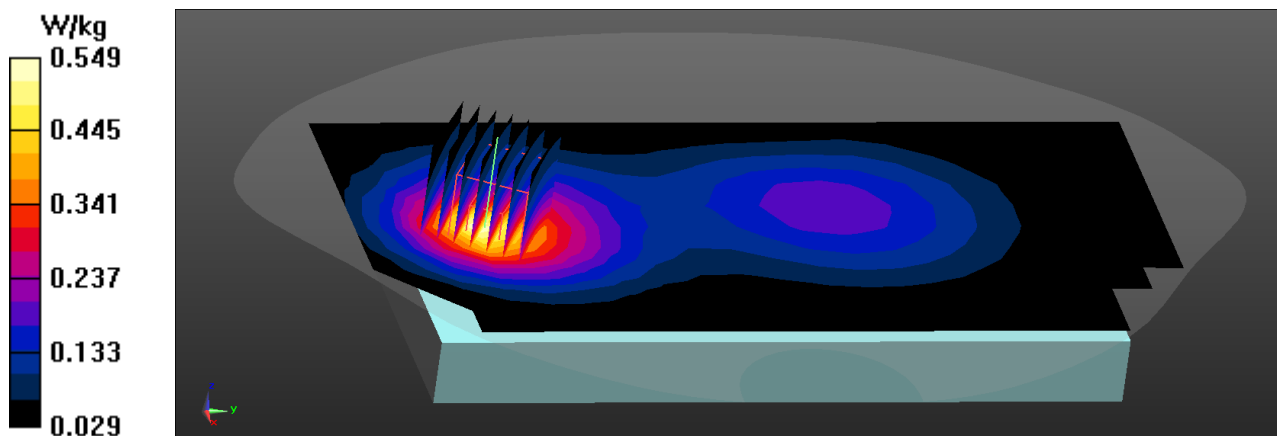
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.12 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.641 W/kg

SAR(1 g) = 0.391 W/kg; SAR(10 g) = 0.250 W/kg

Maximum value of SAR (measured) = 0.549 W/kg



LTE 2_left cheek_CH 19100

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

Medium: 1900 Head Medium parameters used: $f = 1900$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 40.365$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(8.03, 8.03, 8.03) @ 1900 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (11x21x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.271 W/kg

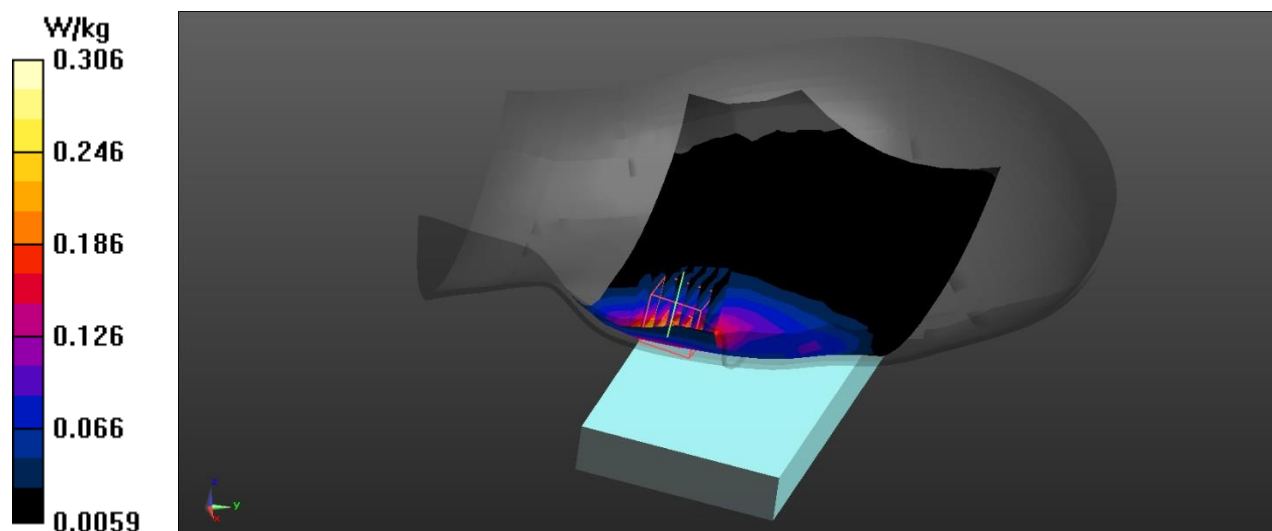
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.227 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.360 W/kg

SAR(1 g) = 0.261 W/kg; SAR(10 g) = 0.133 W/kg

Maximum value of SAR (measured) = 0.346 W/kg



LTE 2_Rear Face_CH 19100

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

Medium: 1900 Head Medium parameters used: $f = 1900$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 40.365$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(8.03, 8.03, 8.03) @ 1900 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (11x21x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.825 W/kg

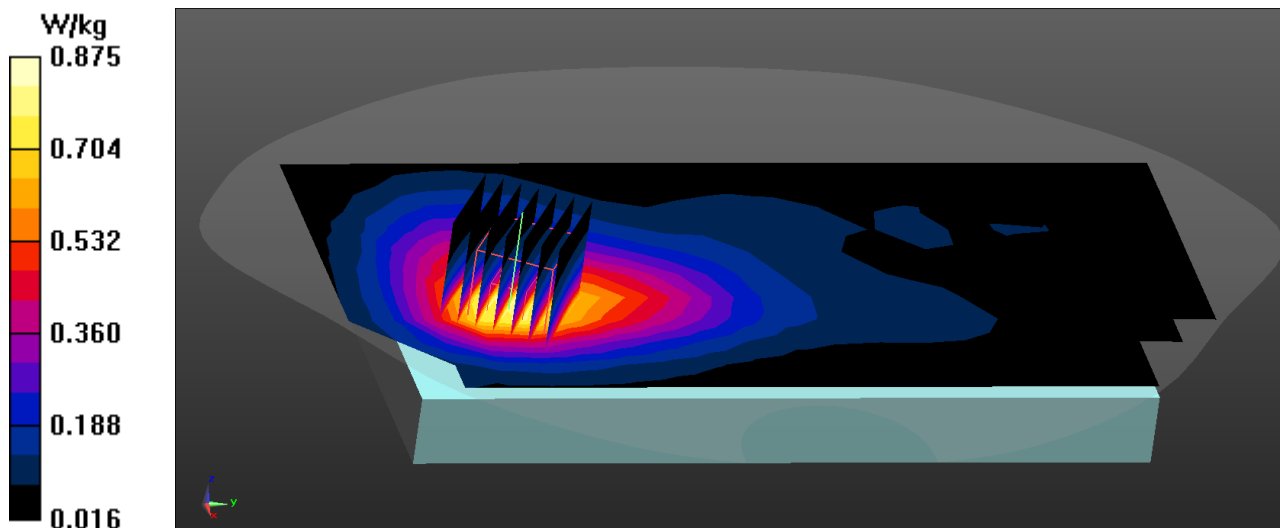
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.43 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.584 W/kg; SAR(10 g) = 0.335 W/kg

Maximum value of SAR (measured) = 0.875 W/kg



LTE 4_right cheek_CH 20050

Communication System: UID 0, Generic LTE (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: 1750 Head Medium parameters used: $f = 1720$ MHz; $\sigma = 1.325$ S/m; $\epsilon_r = 41.169$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(8.35, 8.35, 8.35) @ 1720 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (11x21x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.102 W/kg

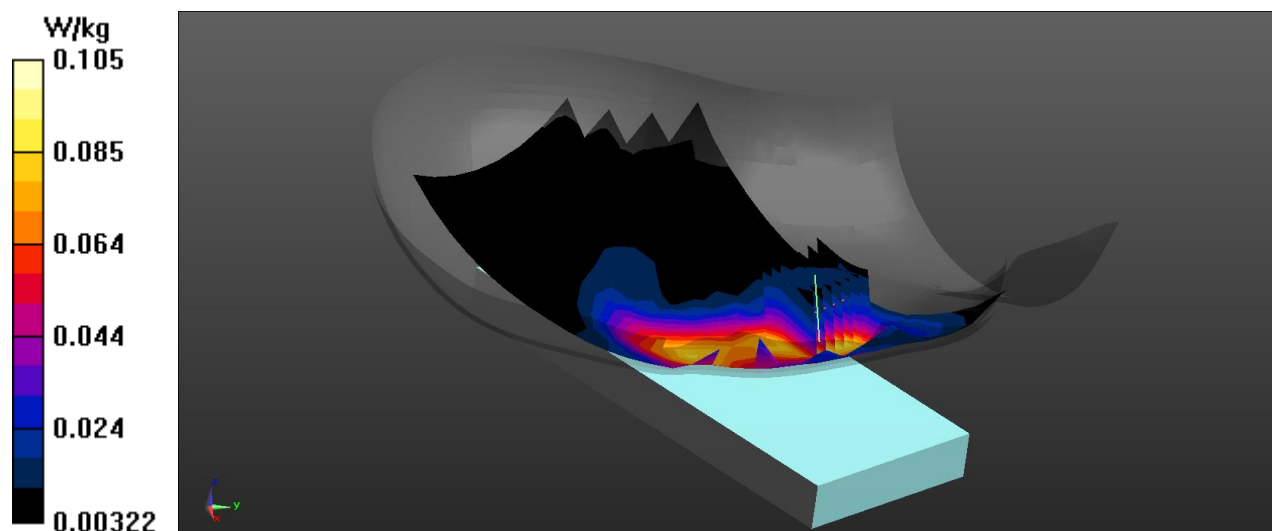
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.143 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.119 W/kg

SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.083 W/kg

Maximum value of SAR (measured) = 0.115 W/kg



LTE 4_Rear Face_CH 20050

Communication System: UID 0, Generic LTE (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: 1750 Head Medium parameters used: $f = 1720$ MHz; $\sigma = 1.325$ S/m; $\epsilon_r = 41.169$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(8.35, 8.35, 8.35) @ 1720 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (11x21x1): Measurement grid: dx=12mm, dy=12mm

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

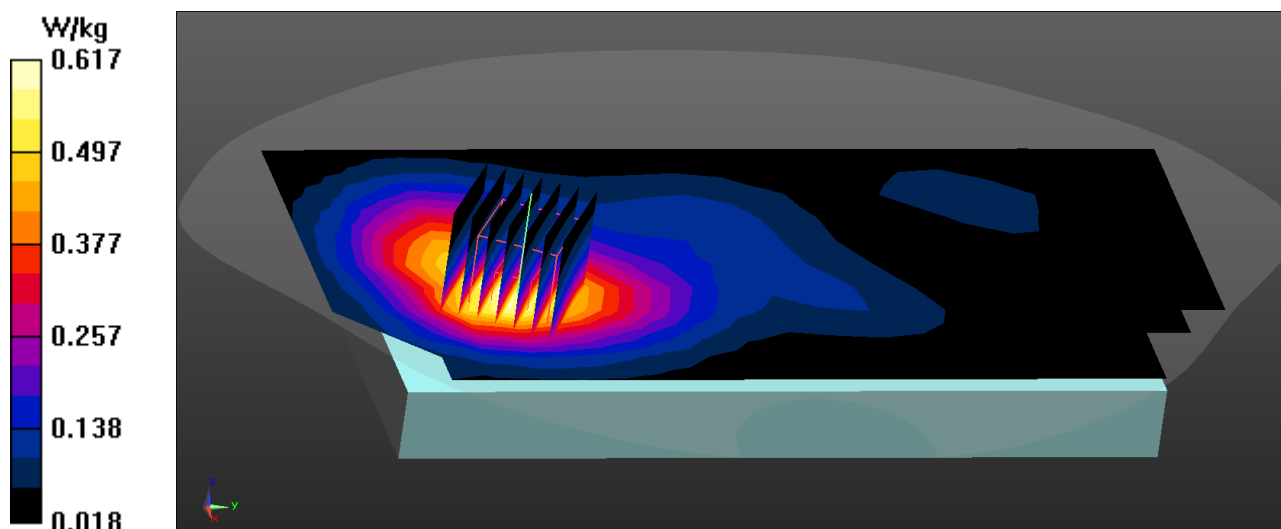
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.539 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.726 W/kg

SAR(1 g) = 0.439 W/kg; SAR(10 g) = 0.269 W/kg

Maximum value of SAR (measured) = 0.617 W/kg



LTE 5_right cheek_CH 20450

Communication System: UID 0, Generic LTE (0); Frequency: 829 MHz; Duty Cycle: 1:1

Medium: 900 Head Medium parameters used: $f = 829 \text{ MHz}$; $\sigma = 0.894 \text{ S/m}$; $\epsilon_r = 42.623$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Ambient Temperature: $22.0 \text{ }^\circ\text{C}$; Liquid Temperature: $21.5 \text{ }^\circ\text{C}$

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(9.67, 9.67, 9.67) @ 829 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (11x21x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

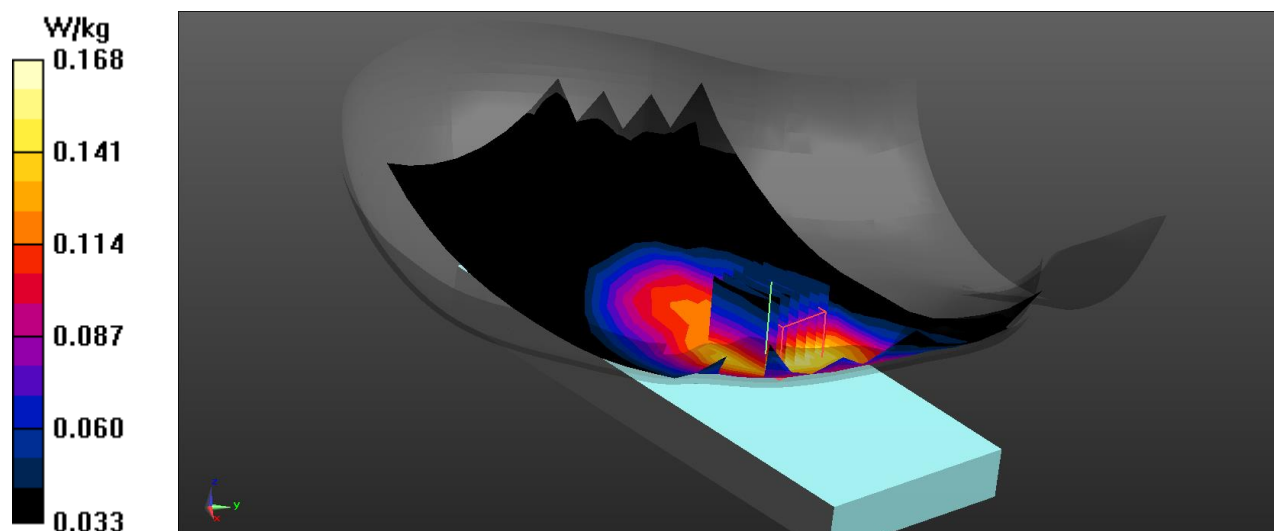
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.74 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.184 W/kg

SAR(1 g) = 0.148 W/kg ; SAR(10 g) = 0.118 W/kg

Maximum value of SAR (measured) = 0.174 W/kg



LTE 5_Rear Face_CH 20450

Communication System: UID 0, Generic LTE (0); Frequency: 829 MHz; Duty Cycle: 1:1

Medium: 900 Head Medium parameters used: $f = 829 \text{ MHz}$; $\sigma = 0.894 \text{ S/m}$; $\epsilon_r = 42.623$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: $22.0 \text{ }^\circ\text{C}$; Liquid Temperature: $21.5 \text{ }^\circ\text{C}$

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(9.67, 9.67, 9.67) @ 829 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (11x21x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.436 W/kg

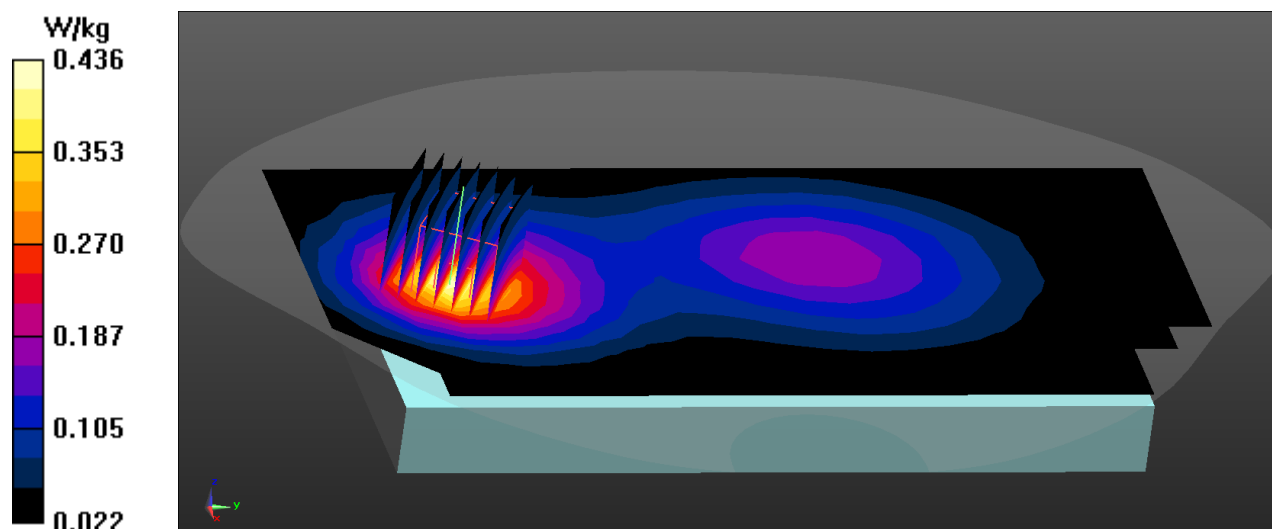
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.09 V/m ; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.508 W/kg

SAR(1 g) = 0.313 W/kg ; SAR(10 g) = 0.202 W/kg

Maximum value of SAR (measured) = 0.436 W/kg



LTE 7_left cheek_CH 21350

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

Medium: 2450 Head Medium parameters used: $f = 2560$ MHz; $\sigma = 1.951$ S/m; $\epsilon_r = 39.824$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(7.38, 7.38, 7.38) @ 2560 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (11x21x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.590 W/kg

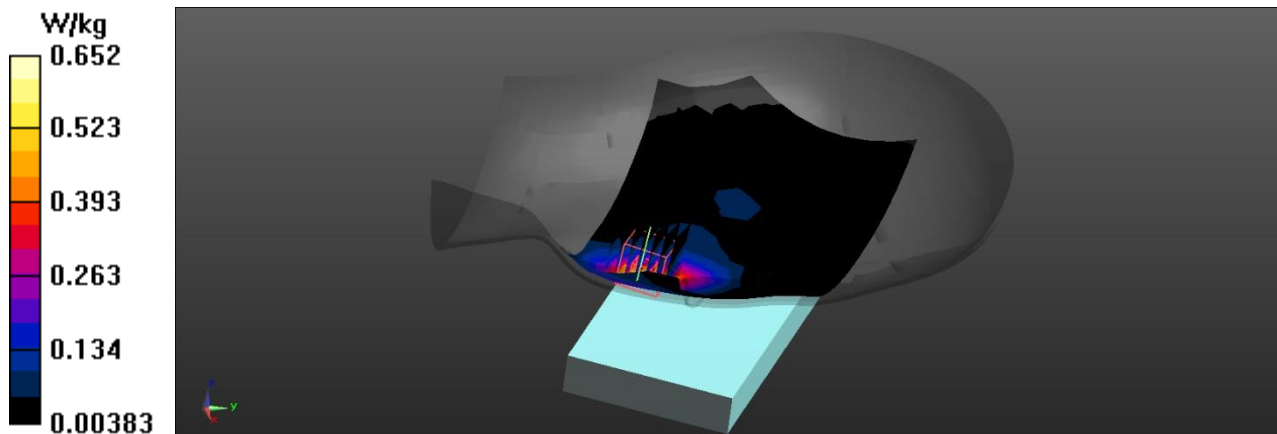
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.444 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.796 W/kg

SAR(1 g) = 0.420 W/kg; SAR(10 g) = 0.221 W/kg

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



LTE 7_bottom Side_CH 21100

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

Medium: 2450 Head Medium parameters used: $f = 2535$ MHz; $\sigma = 1.948$ S/m; $\epsilon_r = 39.812$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(7.38, 7.38, 7.38) @ 2535 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (6x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.86 W/kg

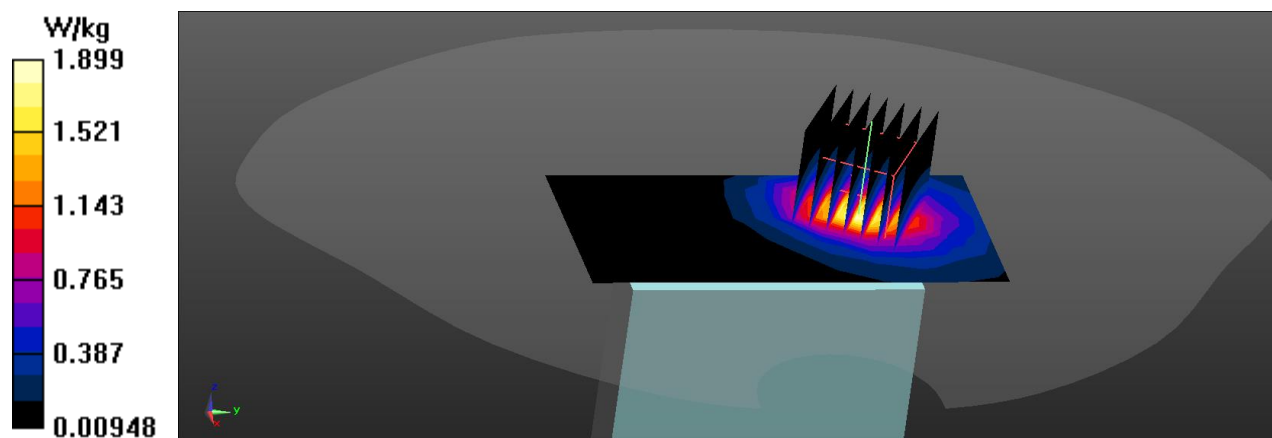
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.21 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.38 W/kg

SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.550 W/kg

Maximum value of SAR (measured) = 1.90 W/kg



LTE 12_left cheek_CH 23060

Communication System: UID 0, Generic LTE (0); Frequency: 704 MHz; Duty Cycle: 1:1

Medium: Medium parameters used: $f = 704 \text{ MHz}$; $\sigma = 0.852 \text{ S/m}$; $\epsilon_r = 43.173$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Ambient Temperature: $22.0 \text{ }^{\circ}\text{C}$; Liquid Temperature: $21.5 \text{ }^{\circ}\text{C}$

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(10.18, 10.18, 10.18) @ 704 MHz; Calibrated: 2/28/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 2/8/2023
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (9x18x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.107 W/kg

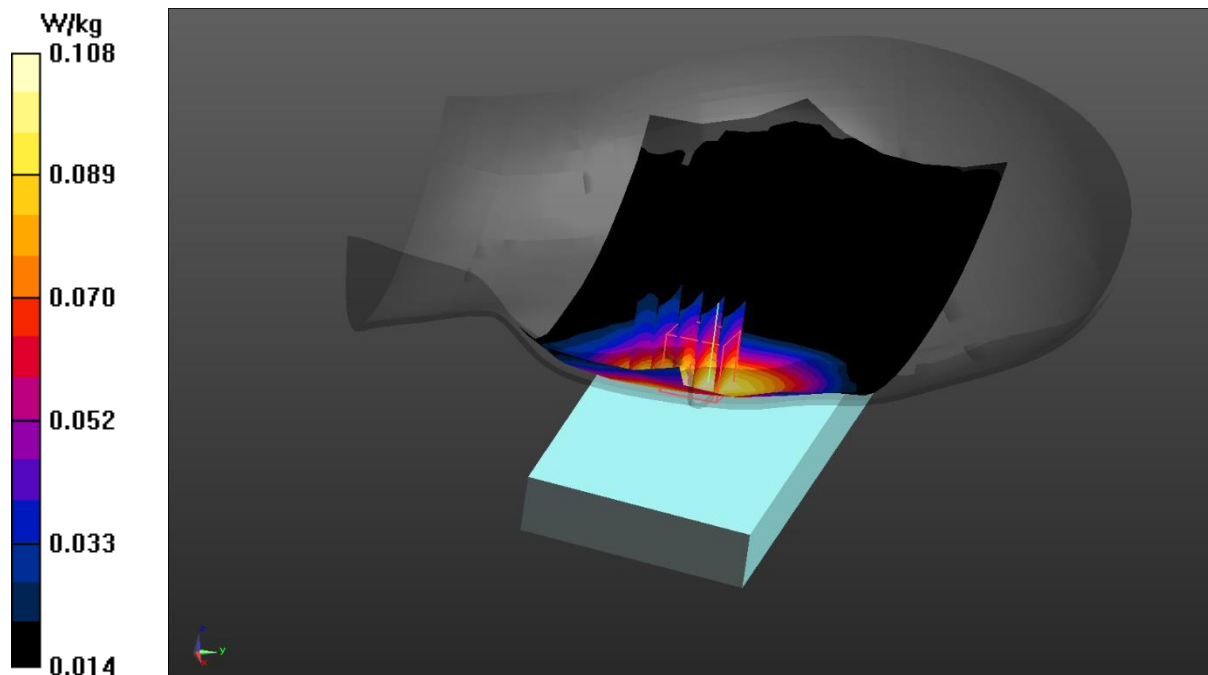
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.832 V/m ; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.116 W/kg

SAR(1 g) = 0.094 W/kg ; SAR(10 g) = 0.074 W/kg

Maximum value of SAR (measured) = 0.108 W/kg



LTE 12_Front Face_CH 23060

Communication System: UID 0, Generic LTE (0); Frequency: 704 MHz; Duty Cycle: 1:1

Medium: Medium parameters used: $f = 704 \text{ MHz}$; $\sigma = 0.852 \text{ S/m}$; $\epsilon_r = 43.173$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: $22.0 \text{ }^{\circ}\text{C}$; Liquid Temperature: $21.5 \text{ }^{\circ}\text{C}$

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(10.18, 10.18, 10.18) @ 704 MHz; Calibrated: 2/28/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 2/8/2023
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (9x18x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.189 W/kg

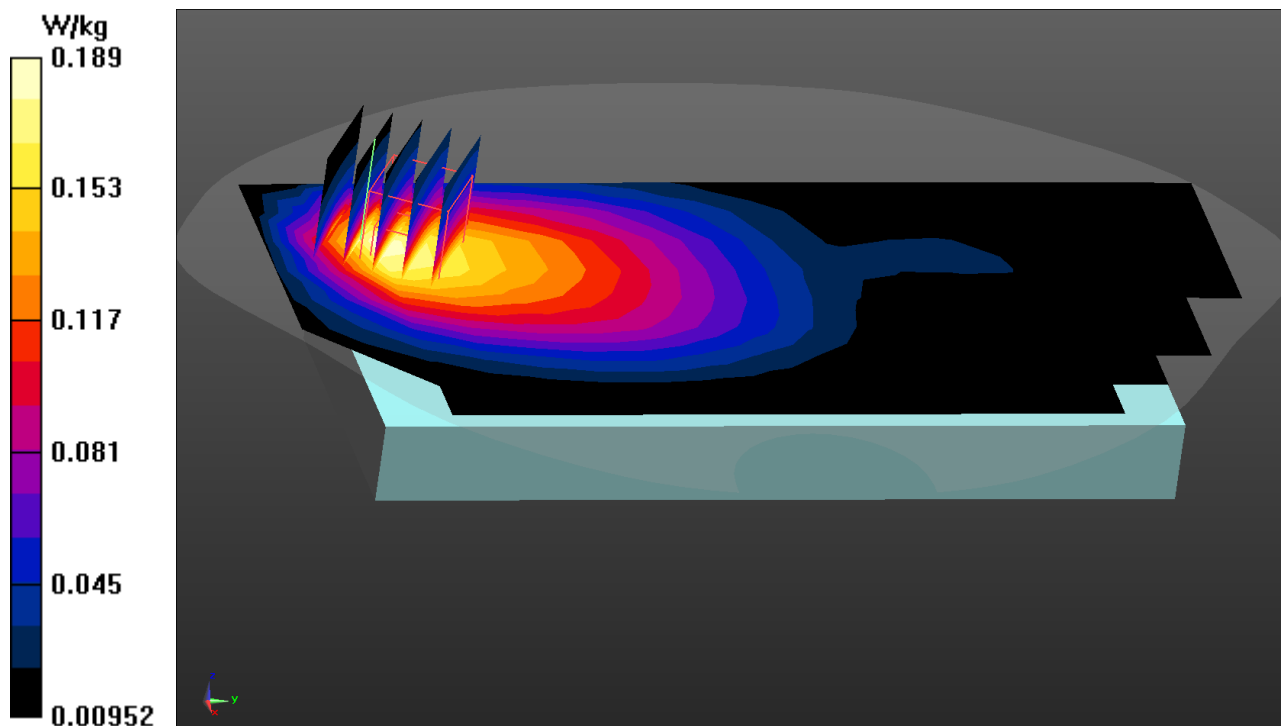
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.377 V/m ; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.234 W/kg

SAR(1 g) = 0.142 W/kg ; SAR(10 g) = 0.099 W/kg

Maximum value of SAR (measured) = 0.189 W/kg



LTE 13_left cheek_CH 23230

Communication System: UID 0, Generic LTE (0); Frequency: 782 MHz; Duty Cycle: 1:1

Medium: Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.926 \text{ S/m}$; $\epsilon_r = 41.412$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Ambient Temperature: $22.0 \text{ }^\circ\text{C}$; Liquid Temperature: $21.5 \text{ }^\circ\text{C}$

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(10, 10, 10) @ 782 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (11x21x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

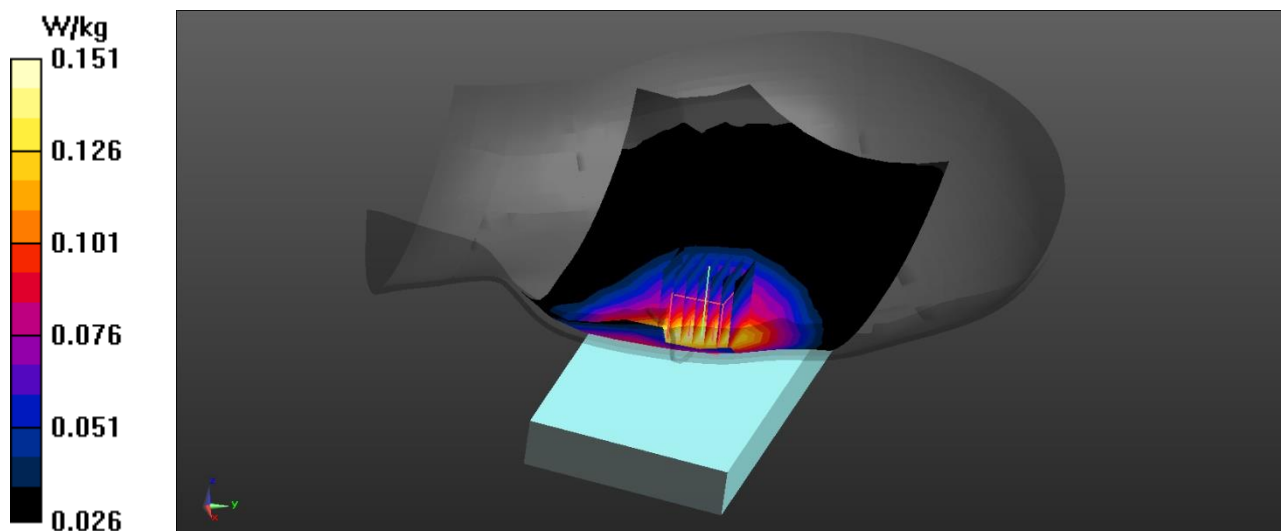
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.423 V/m ; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.171 W/kg

SAR(1 g) = 0.124 W/kg ; SAR(10 g) = 0.095 W/kg

Maximum value of SAR (measured) = 0.151 W/kg



LTE 13_Front Face_CH 23230

Communication System: UID 0, Generic LTE (0); Frequency: 782 MHz; Duty Cycle: 1:1

Medium: Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.926 \text{ S/m}$; $\epsilon_r = 41.412$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: $22.0 \text{ }^{\circ}\text{C}$; Liquid Temperature: $21.5 \text{ }^{\circ}\text{C}$

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(10, 10, 10) @ 782 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (11x21x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

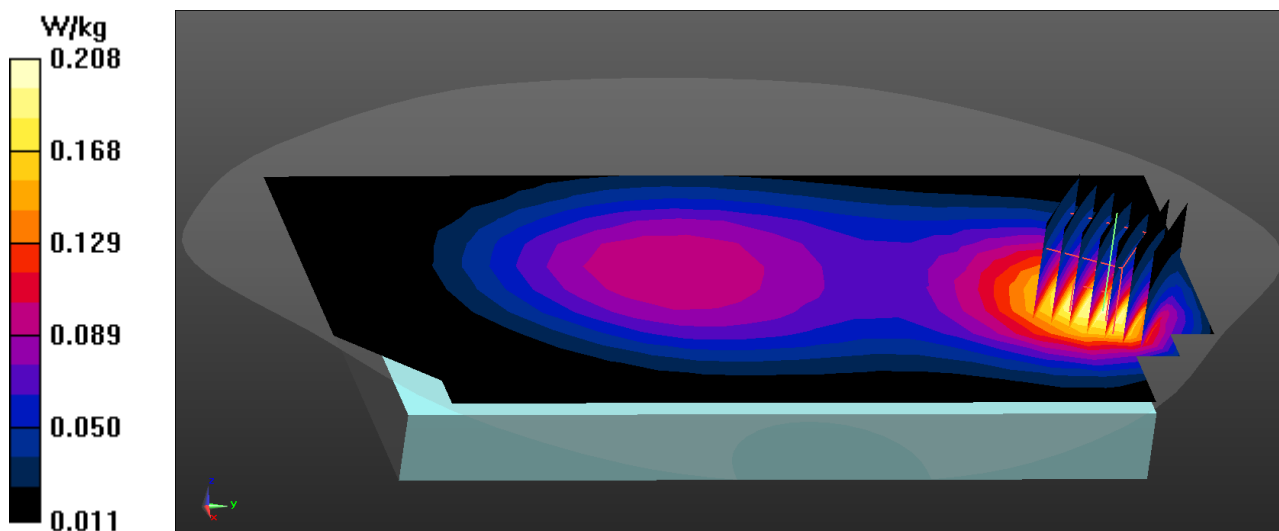
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.41 V/m ; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.244 W/kg

SAR(1 g) = 0.153 W/kg ; SAR(10 g) = 0.101 W/kg

Maximum value of SAR (measured) = 0.208 W/kg



LTE 14_left cheek_CH 23330

Communication System: UID 0, Generic LTE (0); Frequency: 793 MHz; Duty Cycle: 1:1

Medium: Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.934 \text{ S/m}$; $\epsilon_r = 41.676$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Ambient Temperature: $22.0 \text{ }^\circ\text{C}$; Liquid Temperature: $21.5 \text{ }^\circ\text{C}$

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(10.18, 10.18, 10.18) @ 793 MHz; Calibrated: 2/28/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 2/8/2023
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (9x18x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.222 W/kg

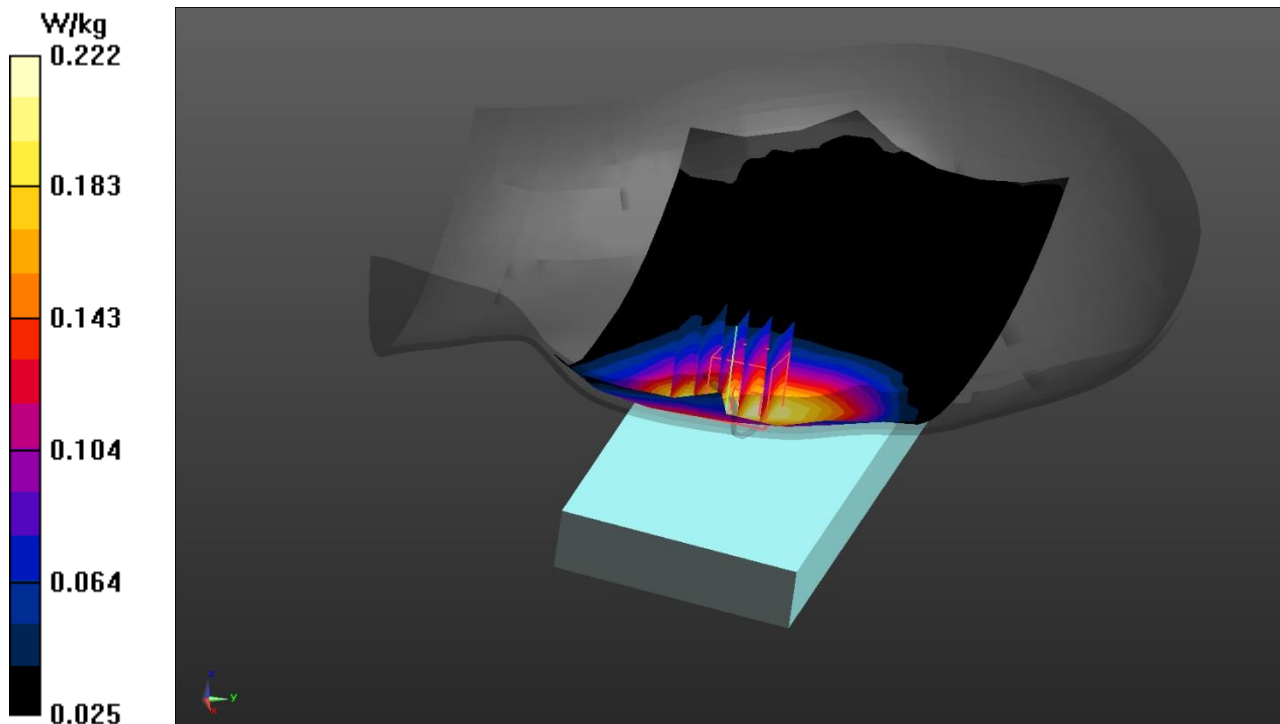
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.804 V/m ; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.188 W/kg ; SAR(10 g) = 0.147 W/kg

Maximum value of SAR (measured) = 0.222 W/kg



LTE 14_Front Face_CH 23330

Communication System: UID 0, Generic LTE (0); Frequency: 793 MHz; Duty Cycle: 1:1

Medium: Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.934 \text{ S/m}$; $\epsilon_r = 41.676$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: $22.0 \text{ }^{\circ}\text{C}$; Liquid Temperature: $21.5 \text{ }^{\circ}\text{C}$

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(10.18, 10.18, 10.18) @ 793 MHz; Calibrated: 2/28/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 2/8/2023
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (9x18x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.303 W/kg

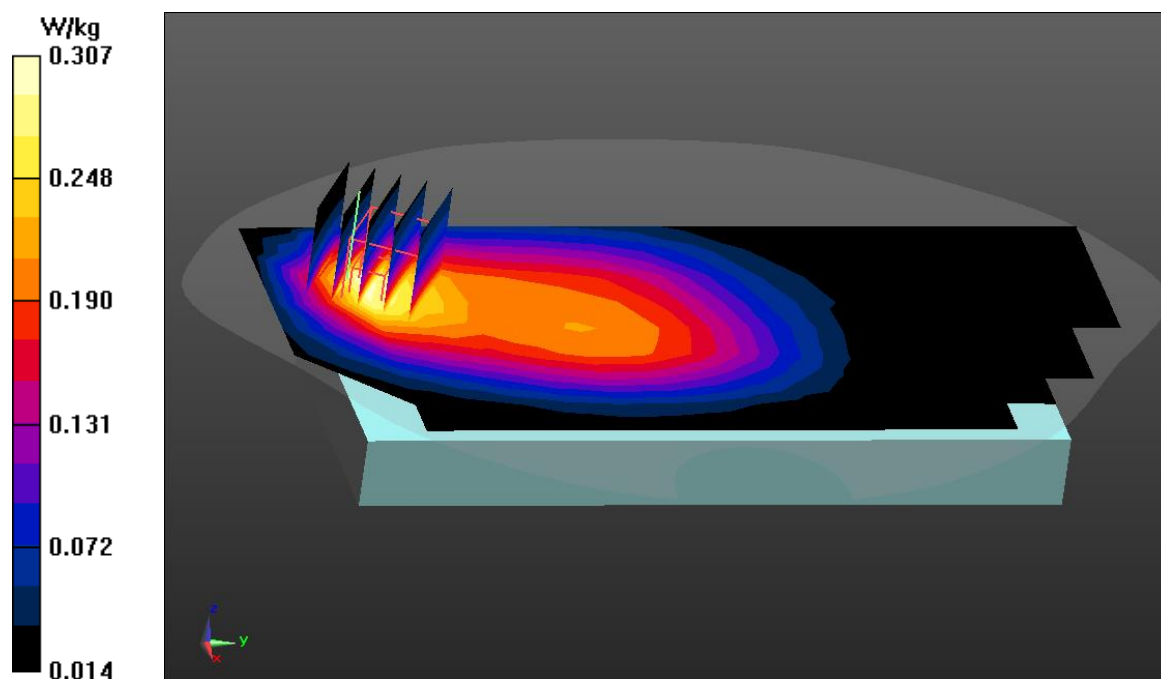
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.81 V/m ; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.380 W/kg

SAR(1 g) = 0.226 W/kg ; SAR(10 g) = 0.149 W/kg

Maximum value of SAR (measured) = 0.307 W/kg



LTE 17_left cheek_CH 23800

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

Medium: HSL750 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.861 \text{ S/m}$; $\epsilon_r = 42.398$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Ambient Temperature: 22.0°C ; Liquid Temperature: 21.5°C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(10, 10, 10) @ 711 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (11x21x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.118 W/kg

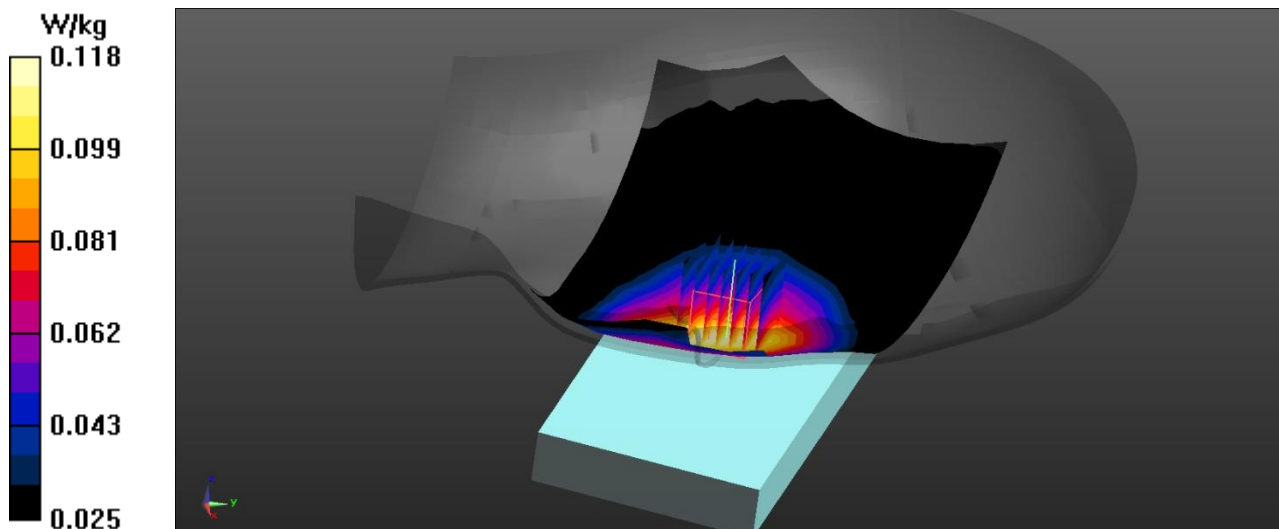
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.076 V/m ; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.129 W/kg

SAR(1 g) = 0.101 W/kg ; SAR(10 g) = 0.079 W/kg

Maximum value of SAR (measured) = 0.120 W/kg



LTE 17_Rear Face_CH 23800

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

Medium: HSL750 Medium parameters used: $f = 711$ MHz; $\sigma = 0.861$ S/m; $\epsilon_r = 42.398$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(10, 10, 10) @ 711 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (11x21x1): Measurement grid: dx=12mm, dy=12mm

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

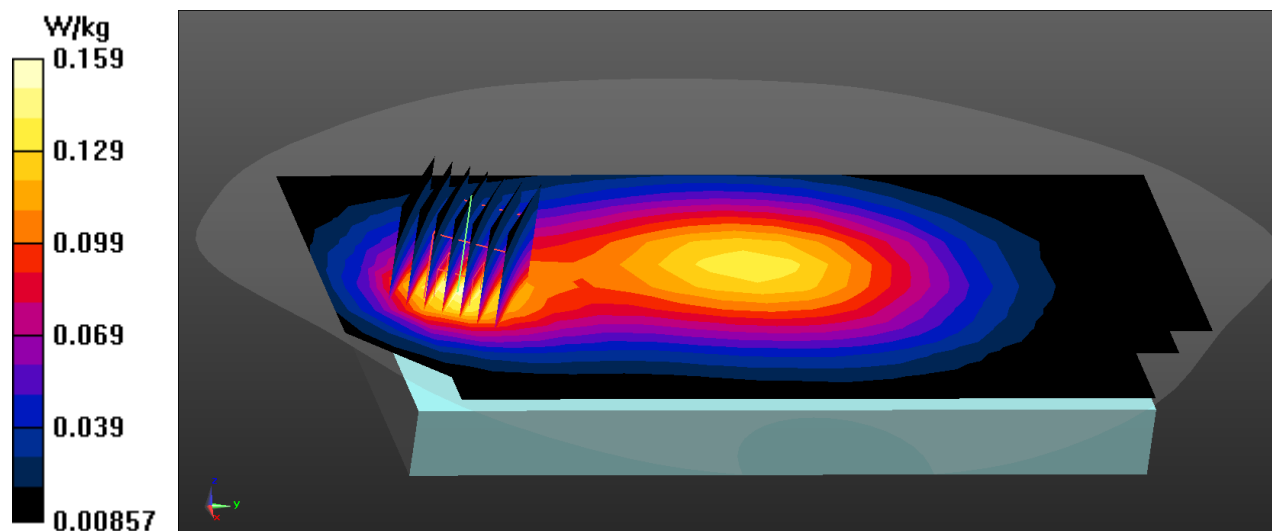
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.59 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.193 W/kg

SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.074 W/kg

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



LTE 38_right cheek_CH 37850

Communication System: UID 0, Generic LTE TDD (0); Frequency: 2580 MHz; Duty Cycle: 1:1.58016
Medium: 2450 Head Medium parameters used: $f = 2580$ MHz; $\sigma = 1.998$ S/m; $\epsilon_r = 39.618$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(7.22, 7.22, 7.22) @ 2580 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (11x21x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.144 W/kg

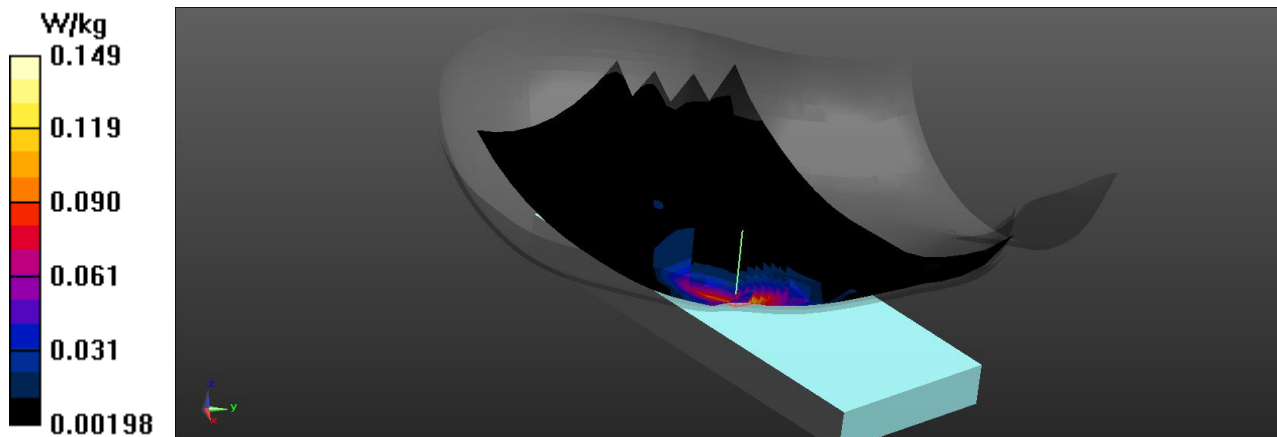
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.181 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.185 W/kg

SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.050 W/kg

Maximum value of SAR (measured) = 0.149 W/kg



LTE 38_bottom Side_CH 37850

Communication System: UID 0, Generic LTE TDD (0); Frequency: 2580 MHz; Duty Cycle: 1:1.58016
Medium: 2450 Head Medium parameters used: $f = 2580$ MHz; $\sigma = 1.998$ S/m; $\epsilon_r = 39.618$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(7.22, 7.22, 7.22) @ 2580 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (6x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.837 W/kg

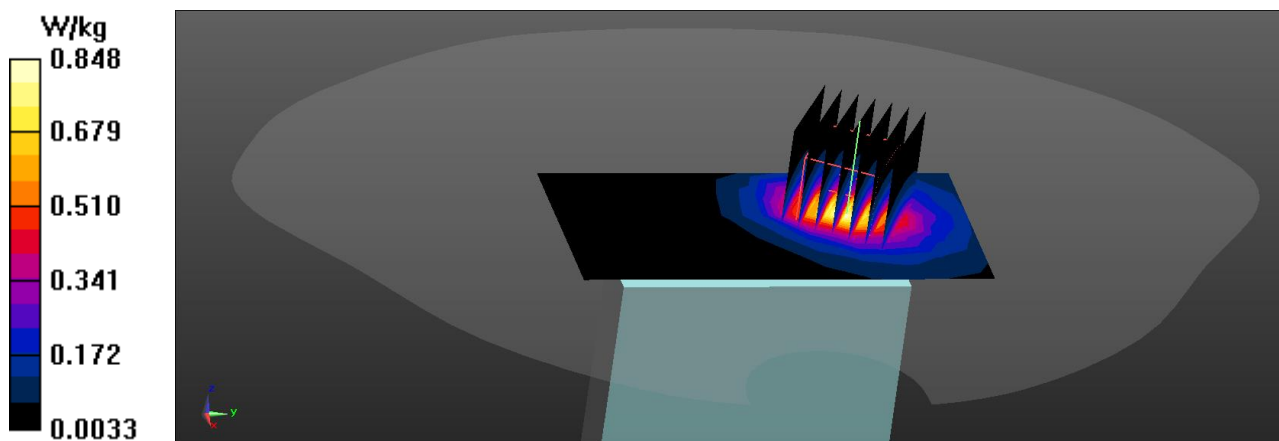
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.104 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.500 W/kg; SAR(10 g) = 0.233 W/kg

Maximum value of SAR (measured) = 0.848 W/kg



LTE 41_right cheek_CH 40690

Communication System: UID 0, Generic LTE TDD (0); Frequency: 2600 MHz; Duty Cycle: 1:1.58016
Medium: 2450 Head Medium parameters used: $f = 2600$ MHz; $\sigma = 2.02$ S/m; $\epsilon_r = 39.531$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(7.22, 7.22, 7.22) @ 2600 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (11x21x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.108 W/kg

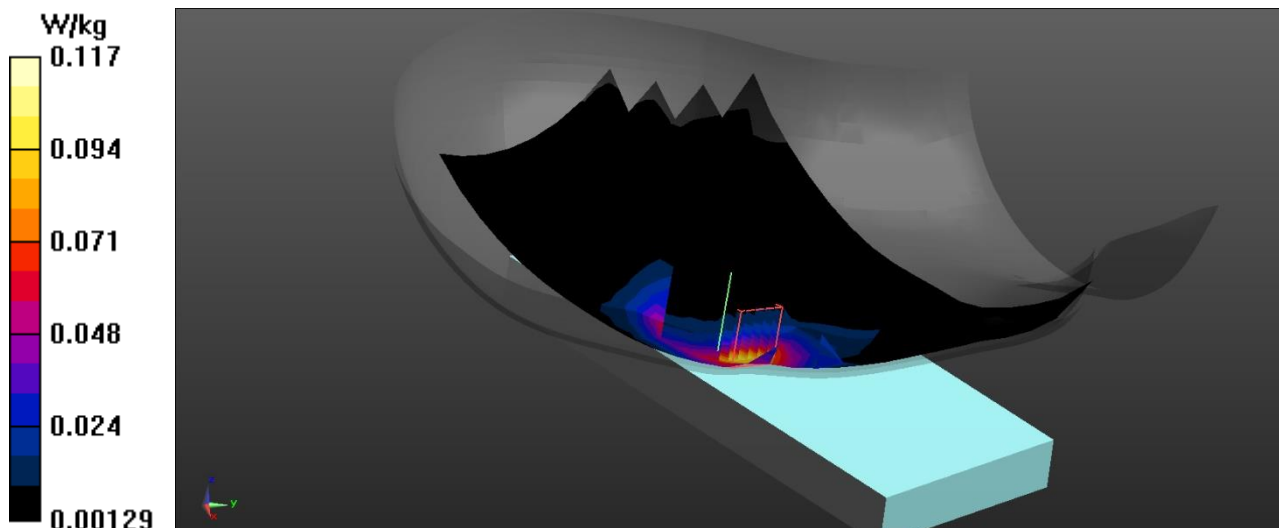
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.287 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.147 W/kg

SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.117 W/kg



LTE 41_bottom Side_CH 40690

Communication System: UID 0, Generic LTE TDD (0); Frequency: 2600 MHz; Duty Cycle: 1:1.58016
Medium: 2450 Head Medium parameters used: $f = 2600$ MHz; $\sigma = 2.02$ S/m; $\epsilon_r = 39.531$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(7.22, 7.22, 7.22) @ 2600 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (6x21x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.559 W/kg

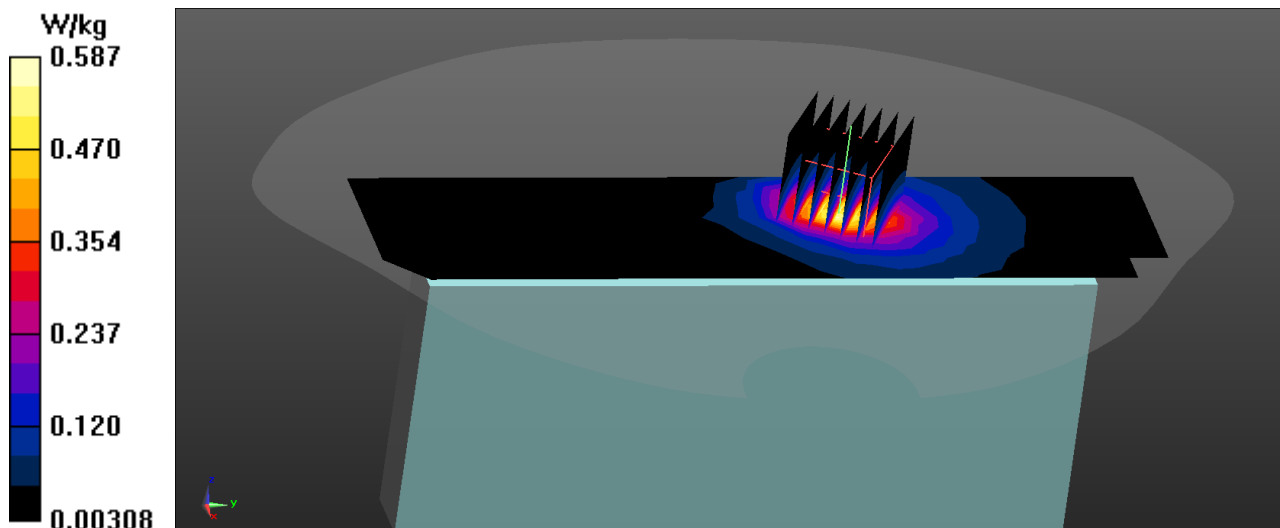
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.935 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.742 W/kg

SAR(1 g) = 0.346 W/kg; SAR(10 g) = 0.163 W/kg

Maximum value of SAR (measured) = 0.587 W/kg



LTE 66_left cheek_CH 132072

Communication System: UID 0, Generic LTE (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: Medium parameters used: $f = 1720$ MHz; $\sigma = 1.377$ S/m; $\epsilon_r = 40.746$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(8.36, 8.36, 8.36) @ 1720 MHz; Calibrated: 2/28/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 2/8/2023
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (9x18x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.120 W/kg

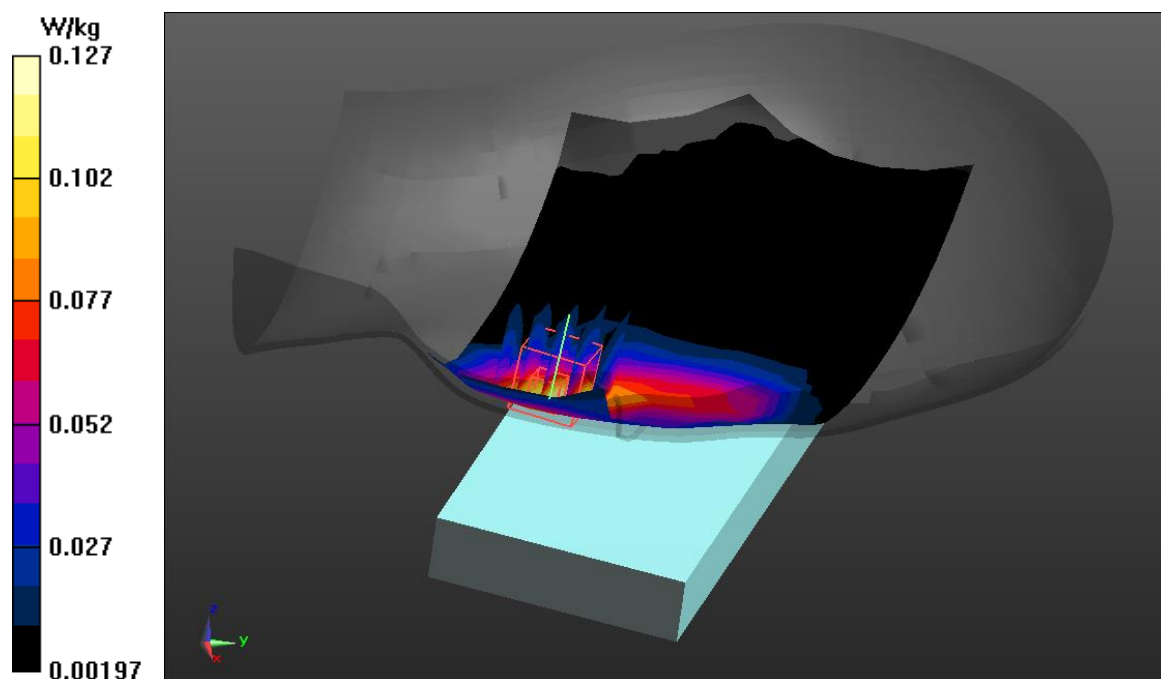
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.106 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.145 W/kg

SAR(1 g) = 0.096 W/kg; SAR(10 g) = 0.062 W/kg

Maximum value of SAR (measured) = 0.127 W/kg



LTE 66_Rear Face_CH 132072

Communication System: UID 0, Generic LTE (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: Medium parameters used: $f = 1720$ MHz; $\sigma = 1.377$ S/m; $\epsilon_r = 40.746$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(8.36, 8.36, 8.36) @ 1720 MHz; Calibrated: 2/28/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 2/8/2023
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (9x18x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.499 W/kg

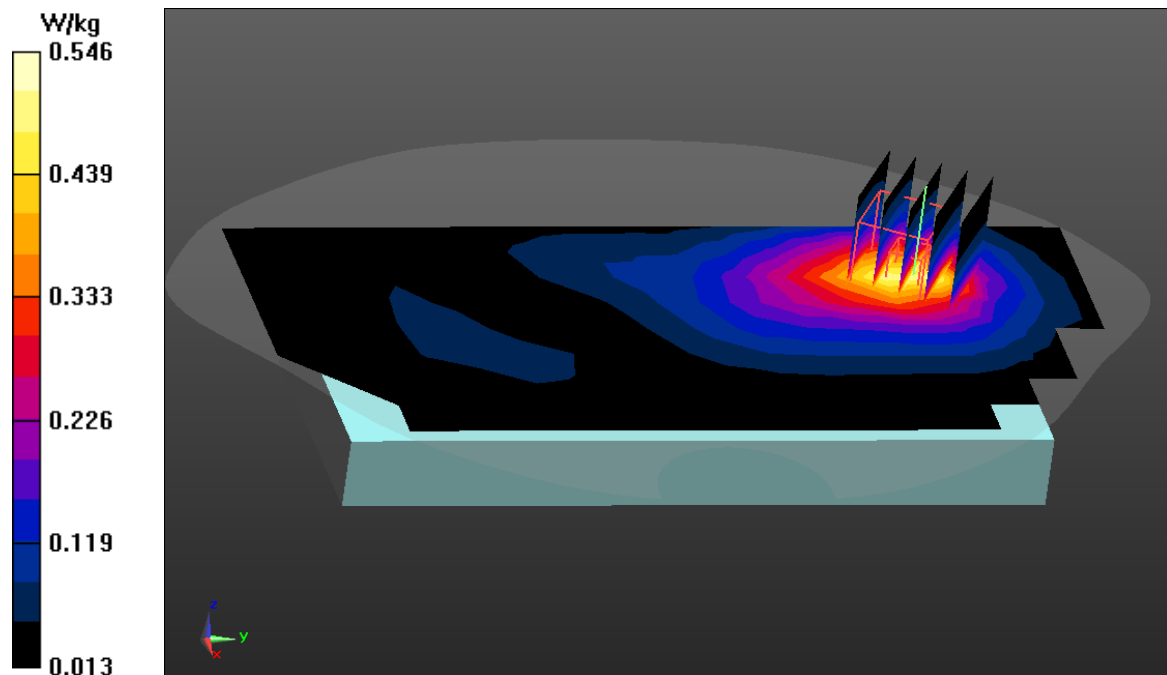
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.418 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.640 W/kg

SAR(1 g) = 0.382 W/kg; SAR(10 g) = 0.230 W/kg

Maximum value of SAR (measured) = 0.546 W/kg



WIFI 802.11b_left cheek_CH 6

Communication System: UID 0, WiFi 802.11 b (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 Head Medium parameters used: $f = 2437$ MHz; $\sigma = 1.841$ S/m; $\epsilon_r = 40.22$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(7.38, 7.38, 7.38) @ 2437 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (11x21x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.504 W/kg

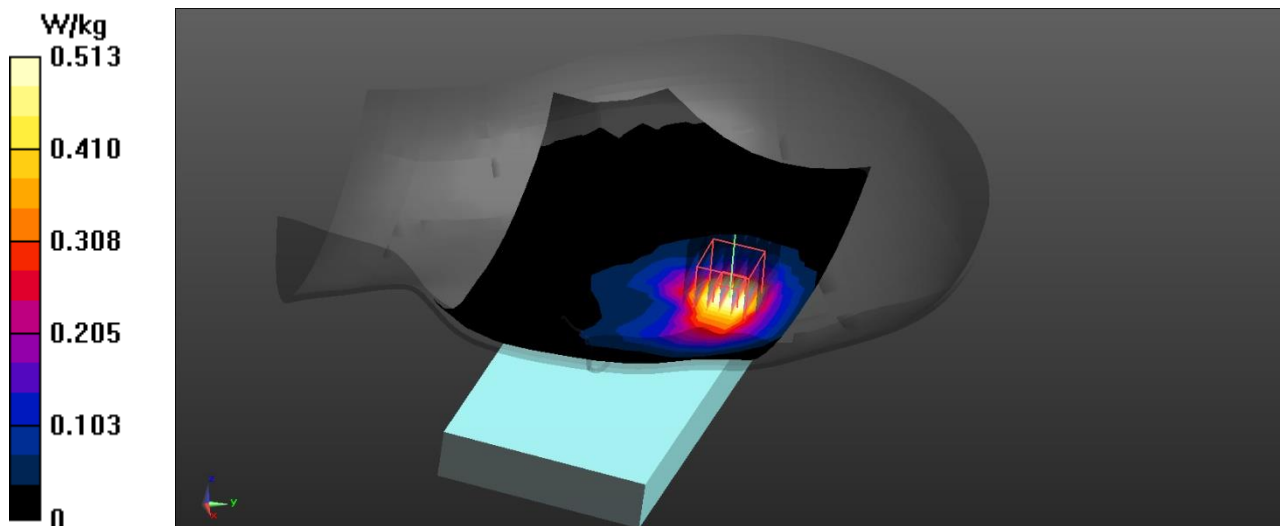
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.990 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.814 W/kg

SAR(1 g) = 0.319 W/kg; SAR(10 g) = 0.160 W/kg

Maximum value of SAR (measured) = 0.617 W/kg



WIFI 802.11b_Rear Side_CH 6

Communication System: UID 0, WiFi 802.11 b (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 Head Medium parameters used: $f = 2437$ MHz; $\sigma = 1.841$ S/m; $\epsilon_r = 40.22$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(7.38, 7.38, 7.38) @ 2437 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (11x21x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.398 W/kg

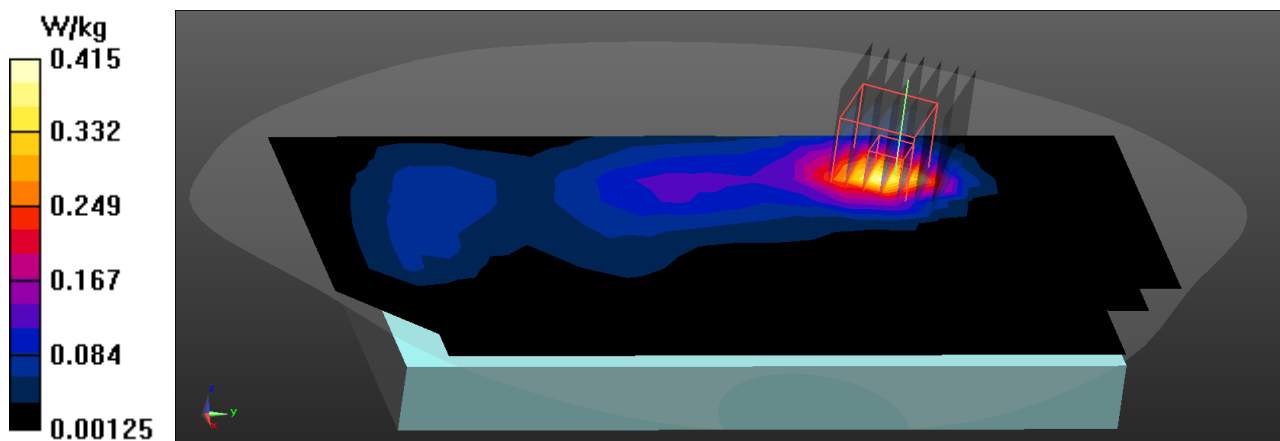
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.254 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.520 W/kg

SAR(1 g) = 0.252 W/kg; SAR(10 g) = 0.120 W/kg

Maximum value of SAR (measured) = 0.415 W/kg



WIFI 5G 802.11ac_left cheek_CH 48

Communication System: UID 0, 802.11ac (0); Frequency: 5240 MHz; Duty Cycle: 1:1.09396

Medium: 5G Head Medium parameters used: $f = 5240$ MHz; $\sigma = 4.608$ S/m; $\epsilon_r = 34.721$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(5.35, 5.35, 5.35) @ 5240 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (13x25x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.602 W/kg

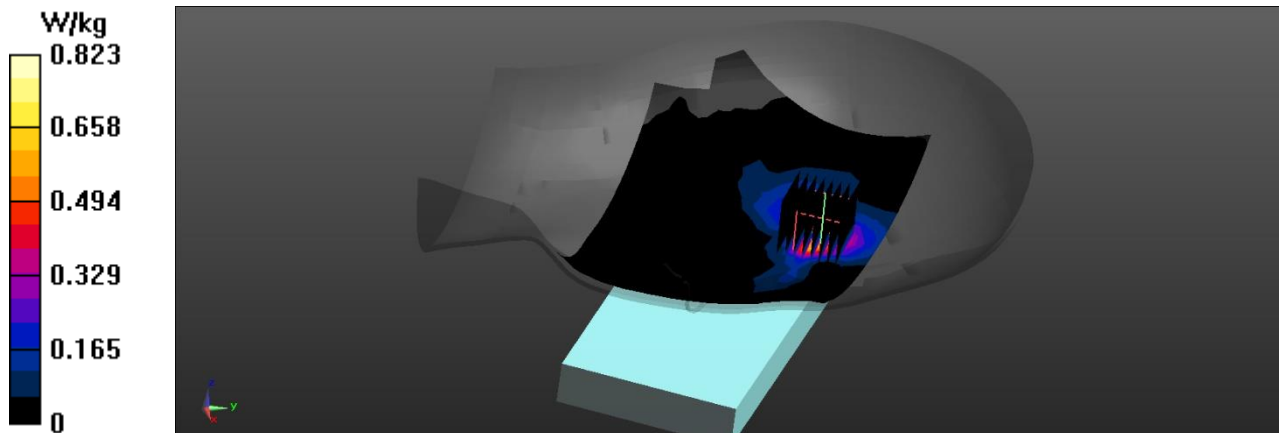
Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.8270 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.120 W/kg

Maximum value of SAR (measured) = 0.823 W/kg



WIFI 5G 802.11ac_right Side_CH 48

Communication System: UID 0, 802.11ac (0); Frequency: 5240 MHz; Duty Cycle: 1:1.09396

Medium: 5G Head Medium parameters used: $f = 5240$ MHz; $\sigma = 4.608$ S/m; $\epsilon_r = 34.721$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(5.35, 5.35, 5.35) @ 5240 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (6x21x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.212 W/kg

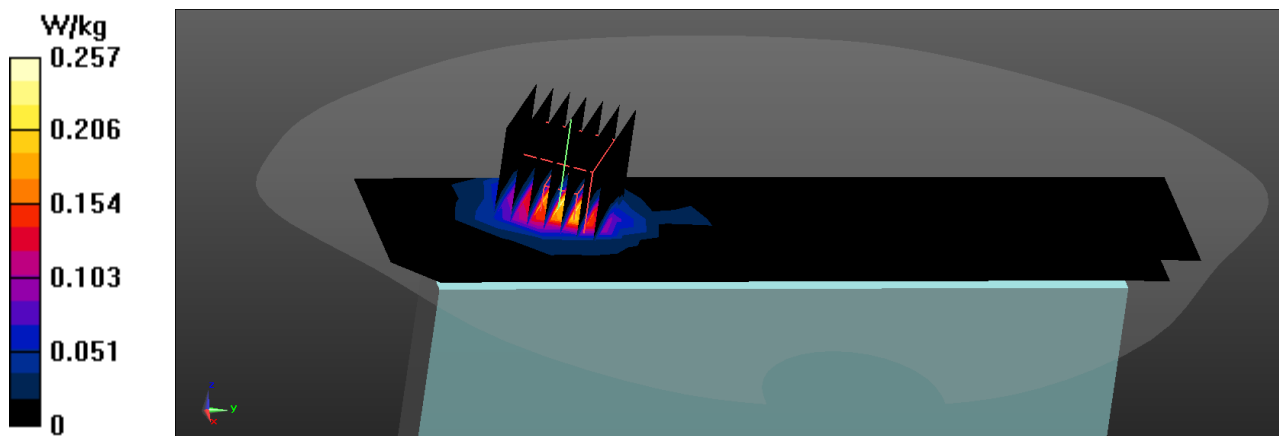
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.8340 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.418 W/kg

SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.047 W/kg

Maximum value of SAR (measured) = 0.264 W/kg



WIFI 5G 802.11ac_left cheek_CH 149

Communication System: UID 0, 802.11ac (0); Frequency: 5745 MHz; Duty Cycle: 1:1.09396

Medium: 5G Head Medium parameters used: $f = 5745$ MHz; $\sigma = 5.069$ S/m; $\epsilon_r = 34.046$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(4.72, 4.72, 4.72) @ 5745 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (11x21x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.792 W/kg

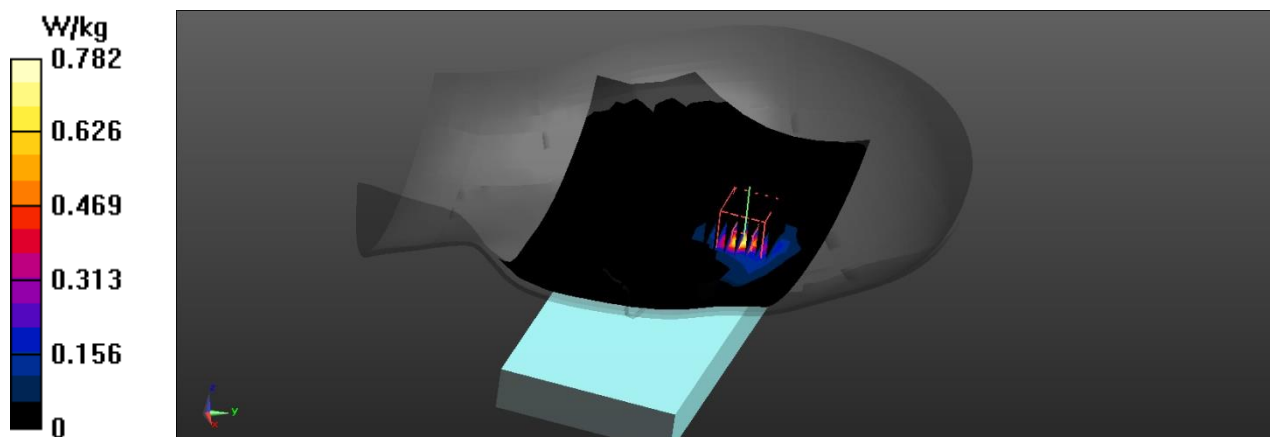
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.834 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.323 W/kg; SAR(10 g) = 0.092 W/kg

Maximum value of SAR (measured) = 0.782 W/kg



WIFI 5G 802.11ac_front Side_CH 149

Communication System: UID 0, 802.11ac (0); Frequency: 5745 MHz; Duty Cycle: 1:1.09396

Medium: 5G Head Medium parameters used: $f = 5745$ MHz; $\sigma = 5.069$ S/m; $\epsilon_r = 34.046$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(4.72, 4.72, 4.72) @ 5745 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1888
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (11x21x1): Measurement grid: dx=12mm, dy=12mm

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

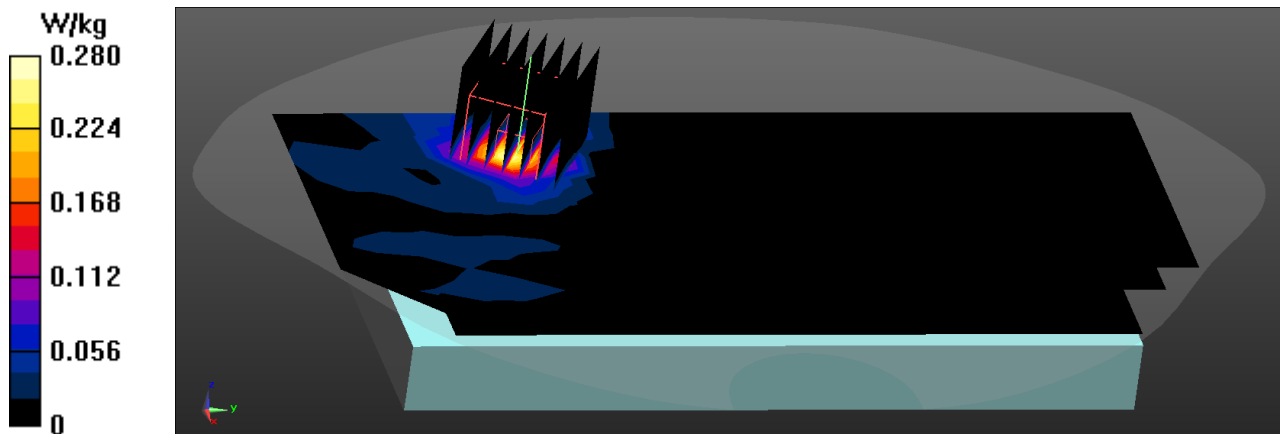
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.635 W/kg

SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.040 W/kg

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



ANNEX D: System Validation

The SAR system must be validated against its performance specifications before it is deployed. When SAR probes, system components or software are changed, upgraded or recalibrated, these must be validated with the SAR system(s) that operates with such components.

Table D.1: System Validation Part 1

System No.	Probe SN.	Liquid name	Validation date	Frequency point	Permittivity ϵ	Conductivity σ (S/m)
1.	1141	Head	2021-10-25	750MHz	3.15	4.33
2.	1055	Head	2023-03-28	750MHz	0.45	1.12
3.	4d196	Head	2021-10-26	835MHz	3.56	3.82
4.	1138	Head	2021-10-27	1750MHz	-3.28	0.54
5.	1138	Head	2023-03-29	1750MHz	2.48	1.17
6.	5d203	Head	2021-10-28	1900MHz	1.21	0.57
7.	966	Head	2021-10-29	2450MHz	-1.61	0.89
8.	1108	Head	2021-11-01	2600MHz	-3.62	1.01
9.	1218	Head	2021-11-02	5200MHz	-0.30	0.15
10.	1218	Head	2021-11-02	5800MHz	0.93	0.38

Table D.2: System Validation Part 2

CW Validation	Sensitivity	PASS	PASS
	Probe linearity	PASS	PASS
	Probe Isotropy	PASS	PASS
Mod Validation	MOD.type	QPSK	QPSK
	Duty factor	PASS	PASS
	PAR	PASS	PASS