

# ANNEX A GRAPH RESULTS

## GSM850 Head ANT0

Date: 3/5/2022

Electronics: DAE4 Sn549

Medium: H835

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.8775$ /m;  $\epsilon_r = 44.65$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, GSM850 (0) Frequency: 848.8 MHz Duty Cycle: 1:2.67

Probe: EX3DV4 - SN7600 ConvF(10.74, 10.74, 10.74)

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

Maximum value of SAR (interpolated) = 0.0883 W/kg

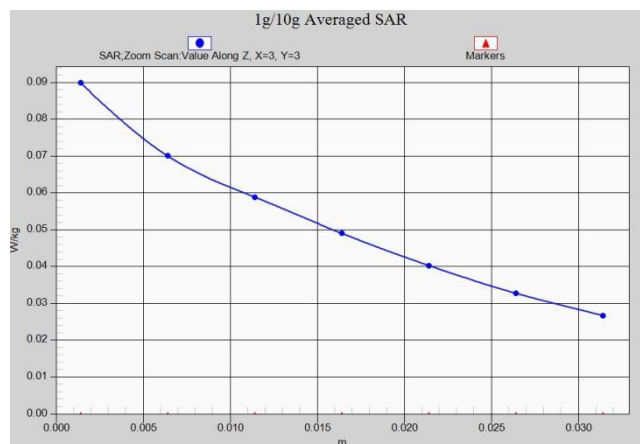
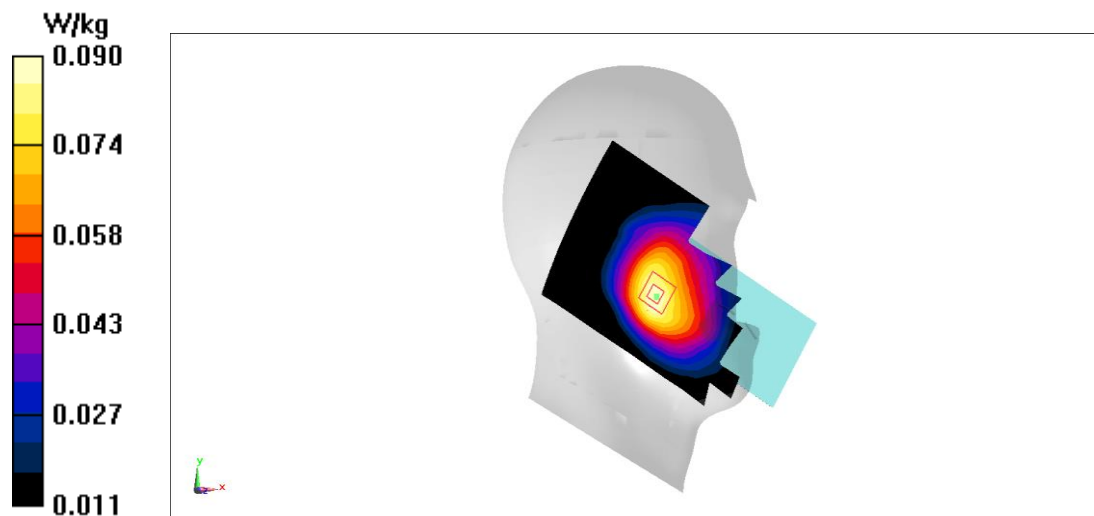
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.118 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.0980 W/kg

SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.06 W/kg

Maximum value of SAR (measured) = 0.0899 W/kg



# GSM850 Body 10mm ANTO

Date: 3/5/2022

Electronics: DAE4 Sn549

Medium: H835

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.875$  m;  $\epsilon_r = 44.71$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, GSM850 (0) Frequency: 836.6 MHz Duty Cycle: 1:2.67

Probe: EX3DV4 - SN7600 ConvF(10.74, 10.74, 10.74)

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

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

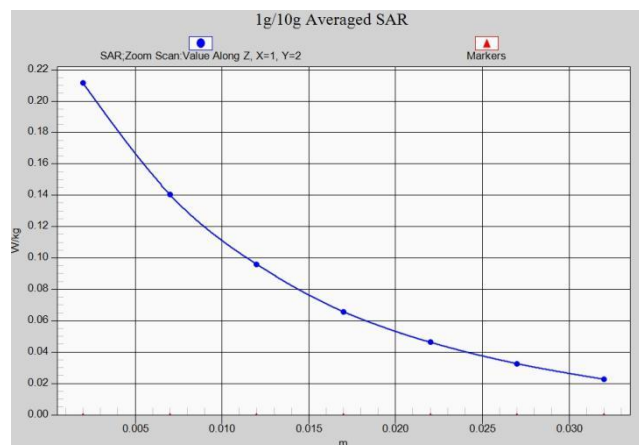
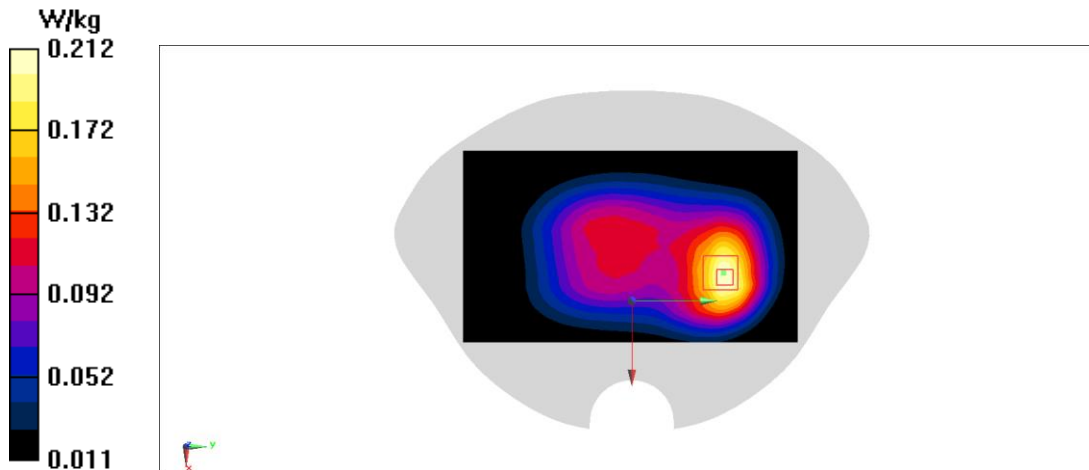
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.55 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.255 W/kg

SAR(1 g) = 0.169 W/kg; SAR(10 g) = 0.114 W/kg

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



## GSM850 Body 15mm ANTO

Date: 3/5/2022

Electronics: DAE4 Sn549

Medium: H835

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.875$  S/m;  $\epsilon_r = 44.71$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, GSM850 (0) Frequency: 836.6 MHz Duty Cycle: 1:2.67

Probe: EX3DV4 - SN7600 ConvF(10.74, 10.74, 10.74) @ 836.6 MHz

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

Maximum value of SAR (interpolated) = 0.148 W/kg

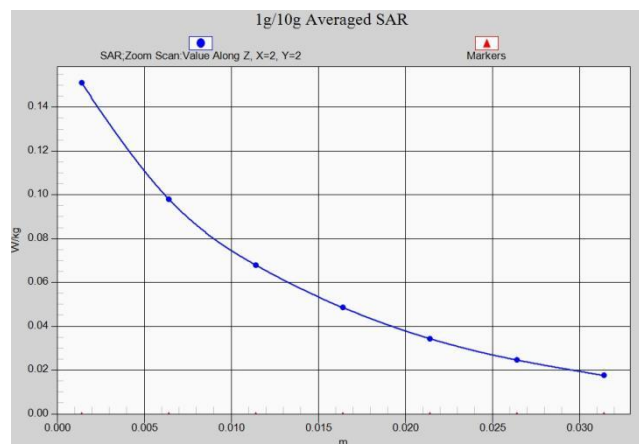
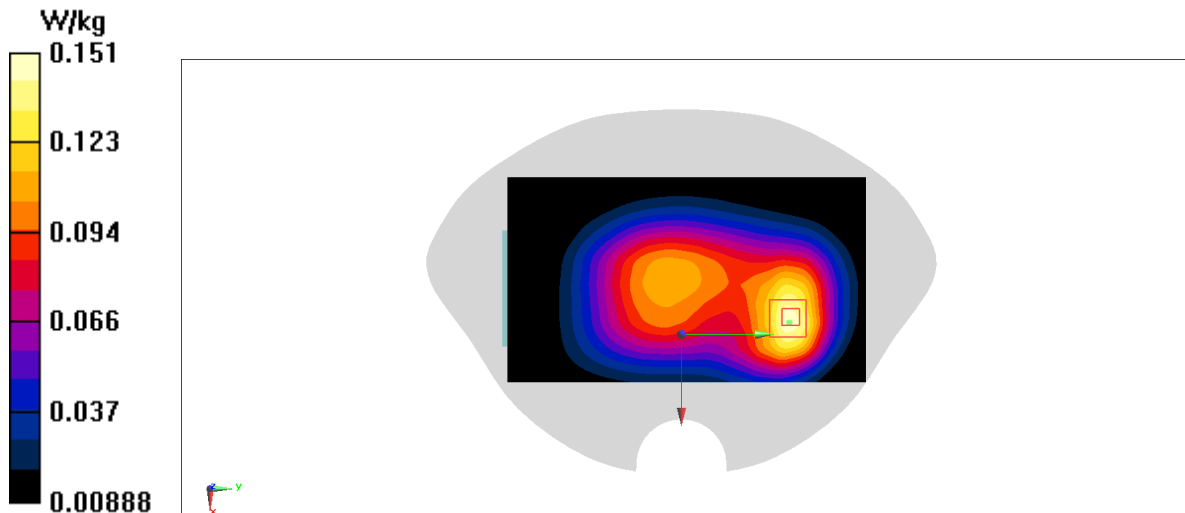
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.763 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.174 W/kg

SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.076 W/kg

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



# GSM1900 Head ANT1

Date: 2/16/2022

Electronics: DAE4 Sn549

Medium: H1900

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.478$  S/m;  $\epsilon_r = 41.97$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, GSM1900 (PCS) (0) Frequency: 1880 MHz Duty Cycle: 1:2.67

Probe: EX3DV4 - SN7600 ConvF(8.54, 8.54, 8.54)

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

Maximum value of SAR (interpolated) = 0.0853 W/kg

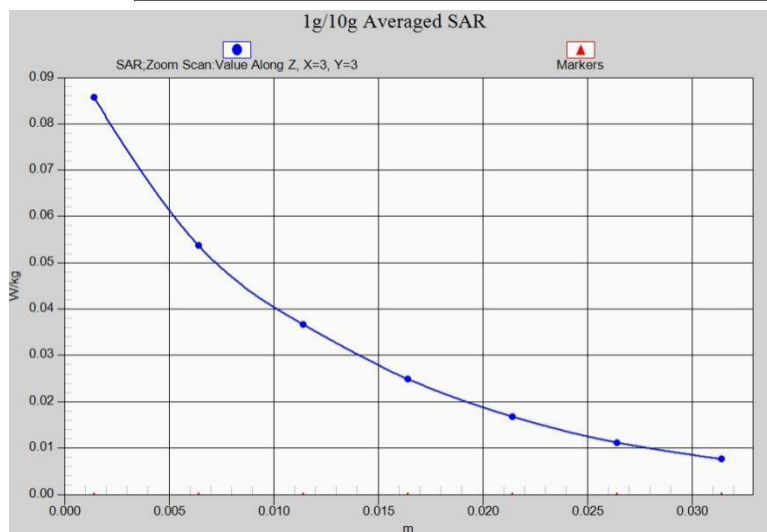
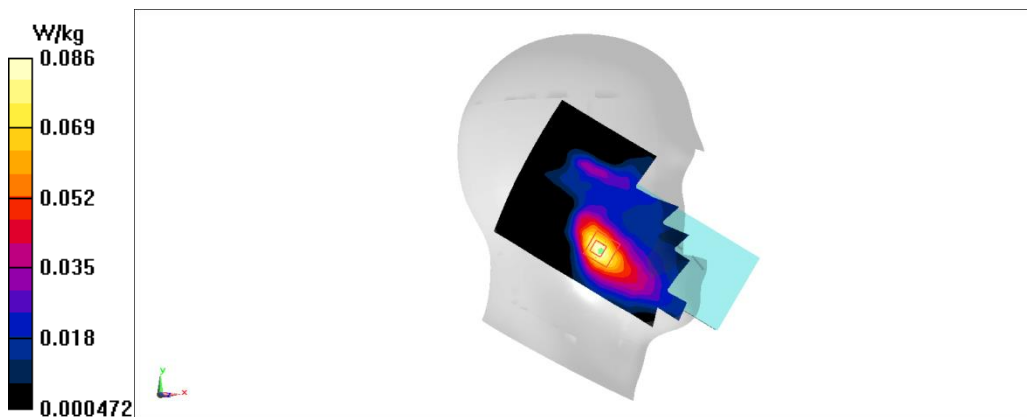
Zoom Scan (6x6x7)/Cube 0: Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 1.902 V/m; Power Drift = 0.16dB

Peak SAR (extrapolated) = 0.101 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.038 W/kg

Maximum value of SAR (measured) = 0.0857 W/kg



# GSM1900 Body 10mm ANT1

Date: 2/16/2022

Electronics: DAE4 Sn549

Medium: H1900

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.478$  S/m;  $\epsilon_r = 41.97$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, GSM1900 (PCS) (0) Frequency: 1880 MHz Duty Cycle: 1:4

Probe: EX3DV4 - SN7600 ConvF(8.54, 8.54, 8.54) @ 1880 MHz

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

Maximum value of SAR (interpolated) = 0.745 W/kg

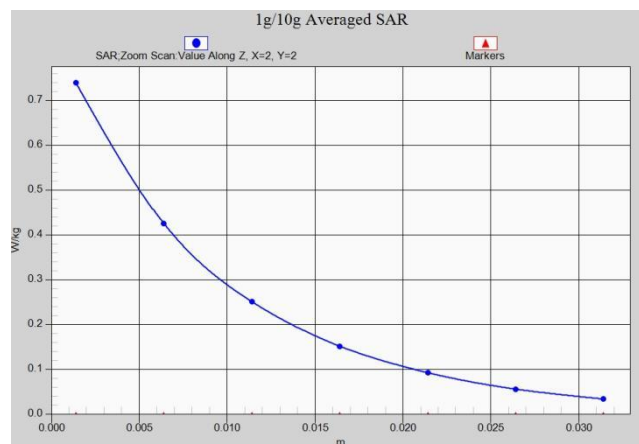
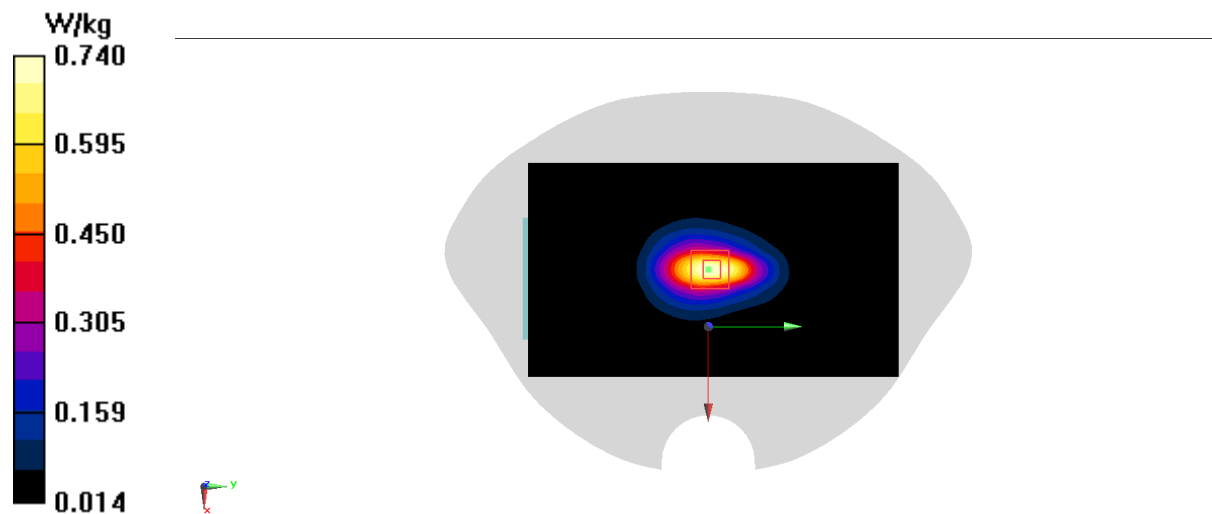
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.06 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.882 W/kg

SAR(1 g) = 0.497 W/kg; SAR(10 g) = 0.272 W/kg

Maximum value of SAR (measured) = 0.740 W/kg



# GSM1900 Body 15mm ANT1

Date: 2/16/2022

Electronics: DAE4 Sn549

Medium: H1900

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.498$  S/m;  $\epsilon_r = 41.92$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, GSM1900 (PCS) (0) Frequency: 1909.8 MHz Duty Cycle: 1:2.67

Probe: EX3DV4 - SN7600 ConvF(8.54, 8.54, 8.54)

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

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

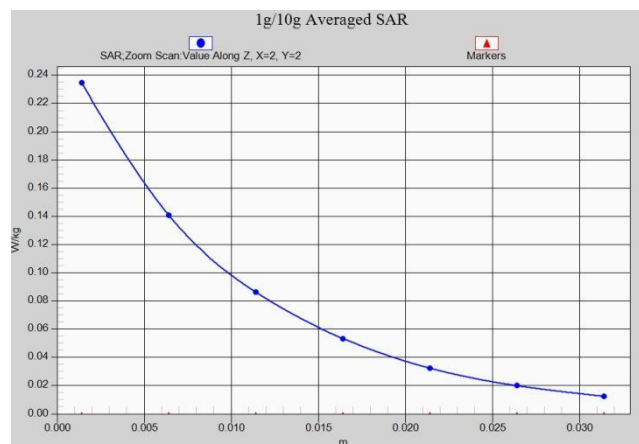
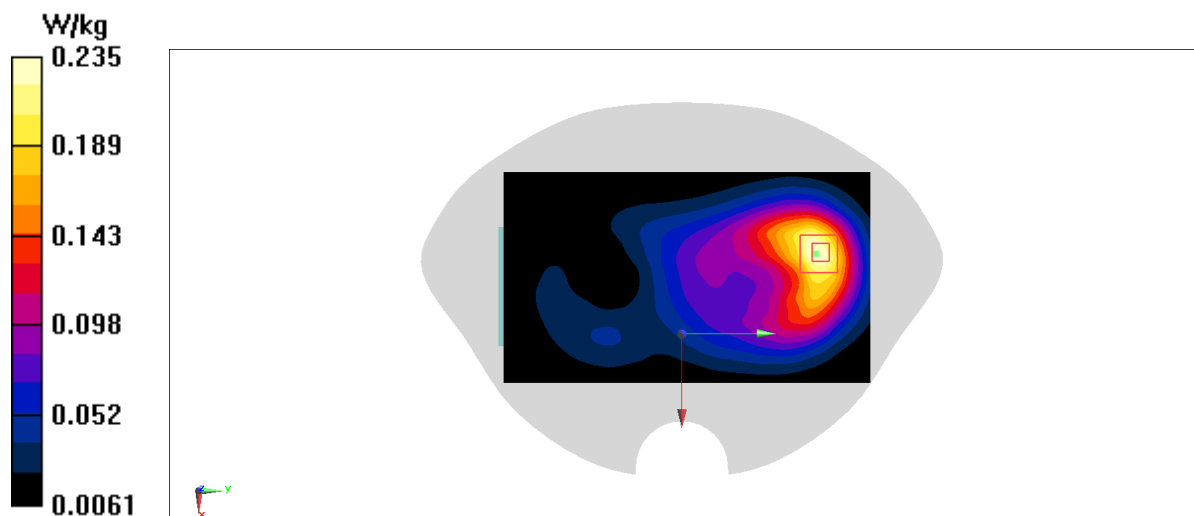
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.482 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.276 W/kg

SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.100 W/kg

Maximum value of SAR (measured) = 0.235 W/kg



## W850 Head ANT0

Date: 3/5/2022

Electronics: DAE4 Sn549

Medium: H835

Medium parameters used (interpolated):  $f = 826.4$  MHz;  $\sigma = 0.865$  S/m;  $\epsilon_r = 44.75$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, WCDMA850(B5) (0) Frequency: 826.4 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(10.74, 10.74, 10.74)

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

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

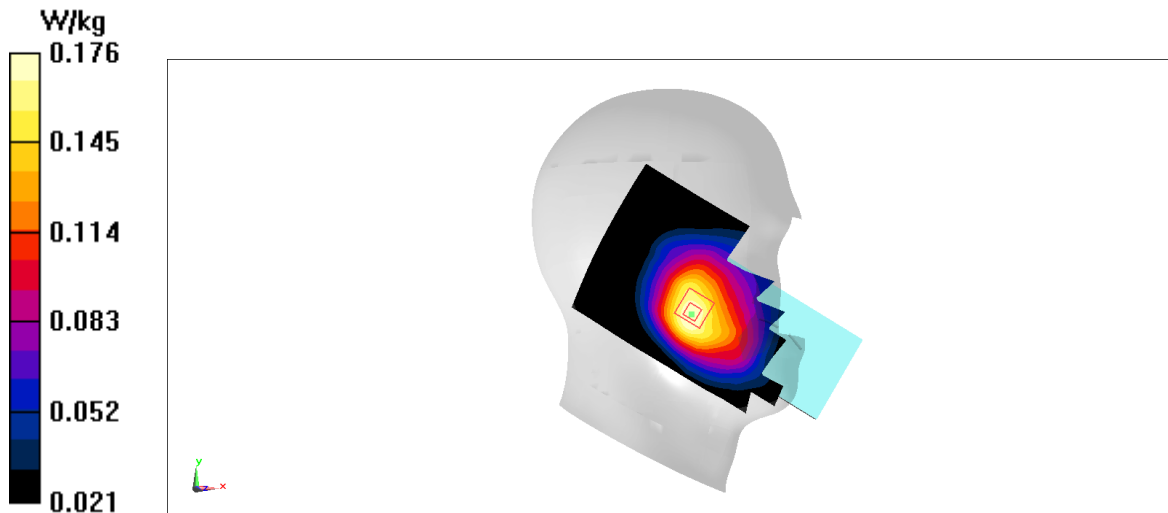
Zoom Scan (6x6x7)/Cube 0: Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 3.173 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.193 W/kg

SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.114 W/kg

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



## W850 Body 10mm ANT0

Date: 3/5/2022

Electronics: DAE4 Sn549

Medium: H835

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.87$  S/m;  $\epsilon_r = 44.71$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, WCDMA850(B5) (0) Frequency: 836.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(10.74, 10.74, 10.74)

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

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

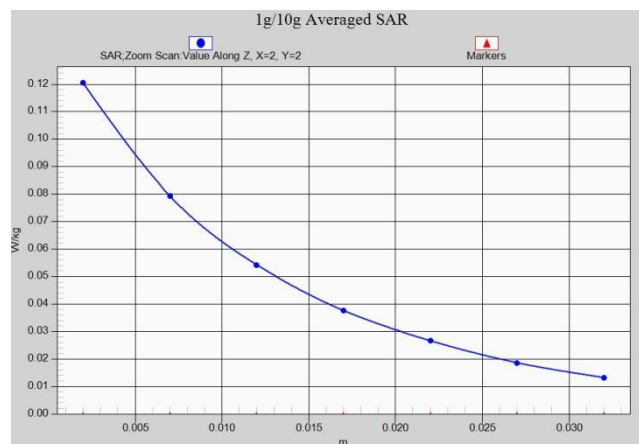
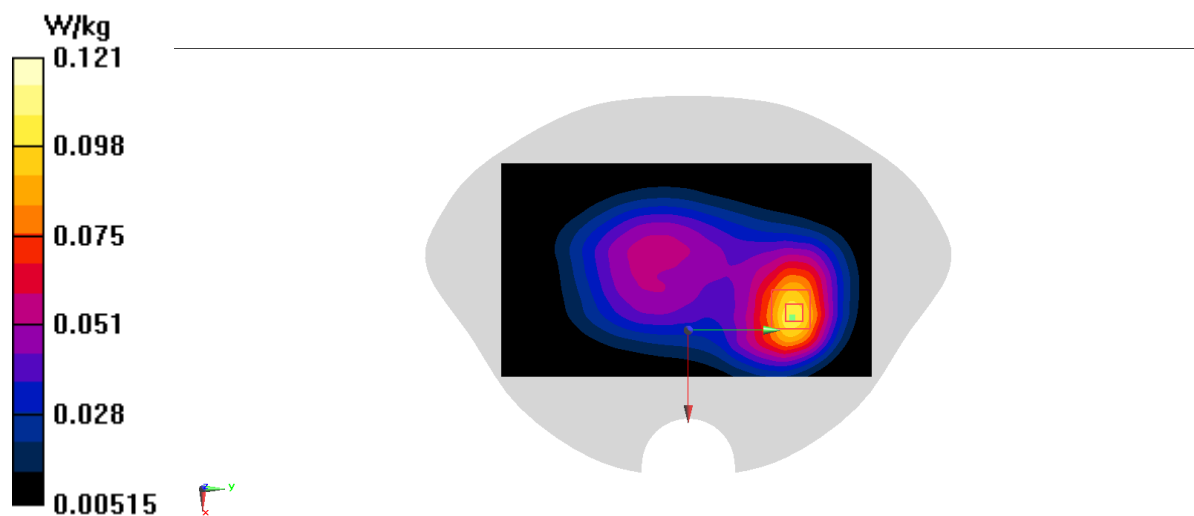
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.983 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.143 W/kg

SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.063 W/kg

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





## W850 Body 15mm ANT0

Date: 3/5/2022

Electronics: DAE4 Sn549

Medium: H835

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.87$  S/m;  $\epsilon_r = 44.71$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, WCDMA850(B5) (0) Frequency: 836.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(10.74, 10.74, 10.74)

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

Maximum value of SAR (interpolated) = 0.266 W/kg

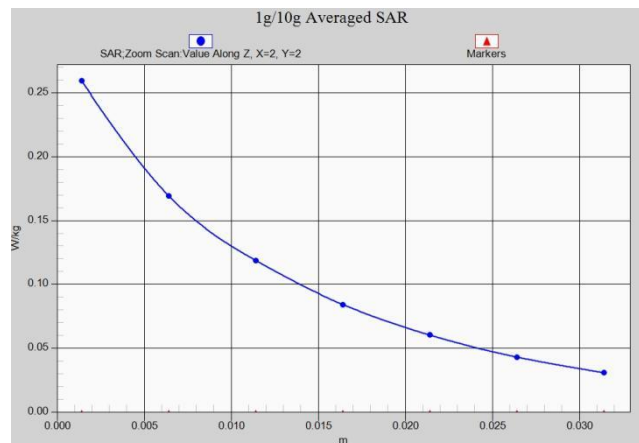
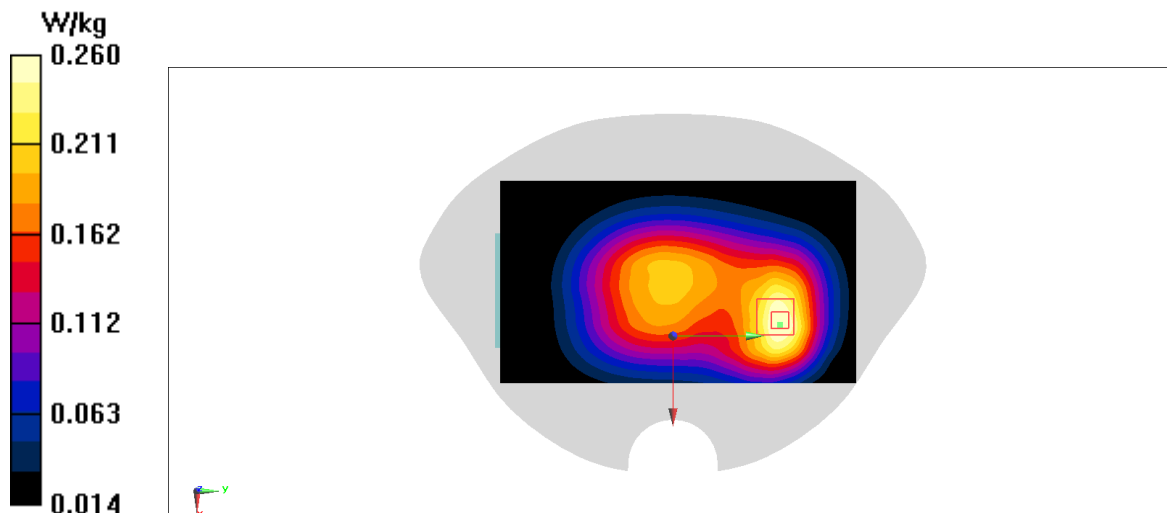
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.74 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.298 W/kg

SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.134 W/kg

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



# W1700 Head ANT1

Date: 3/6/2022

Electronics: DAE4 Sn549

Medium: H1750

Medium parameters used (interpolated):  $f = 1712.4$  MHz;  $\sigma = 1.362$  S/m;  $\epsilon_r = 42.34$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, WCDMA1700(B4) (0) Frequency: 1712.4 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(8.93, 8.93, 8.93)

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

Maximum value of SAR (interpolated) = 0.0538 W/kg

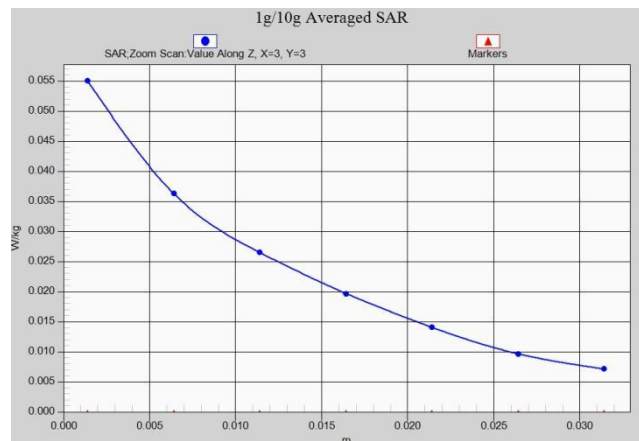
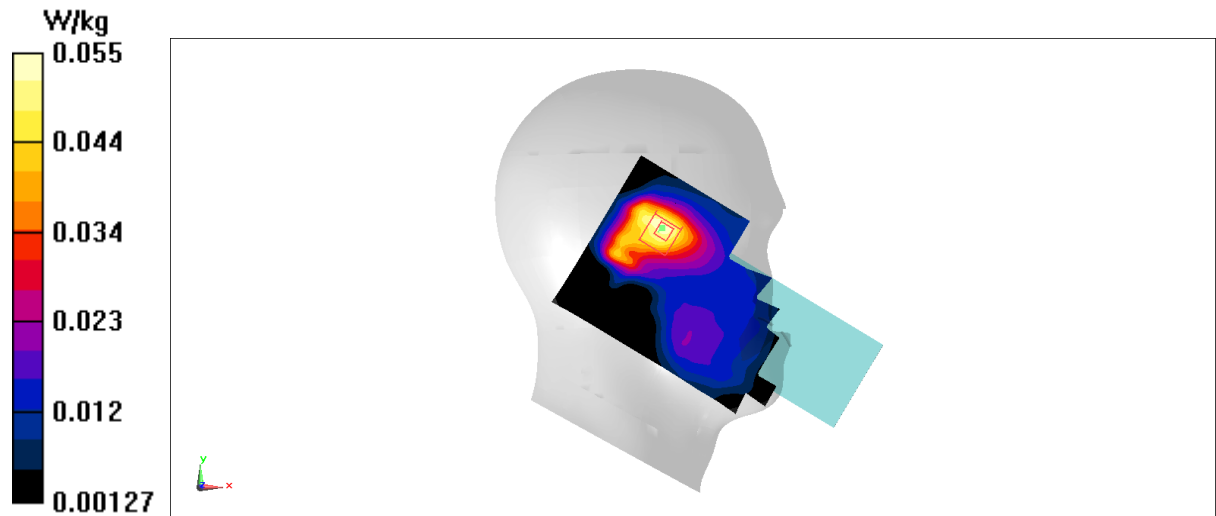
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.049 V/m; Power Drift = 0.1 dB

Peak SAR (extrapolated) = 0.0640 W/kg

SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.027 W/kg

Maximum value of SAR (measured) = 0.0550 W/kg



# W1700 Body 10mm ANT1

Date: 3/6/2022

Electronics: DAE4 Sn549

Medium: H1750

Medium parameters used (interpolated):  $f = 1752.6$  MHz;  $\sigma = 1.39$  S/m;  $\epsilon_r = 42.25$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, WCDMA1700(B4) (0) Frequency: 1752.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(8.93, 8.93, 8.93)

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

Maximum value of SAR (interpolated) = 1.11 W/kg

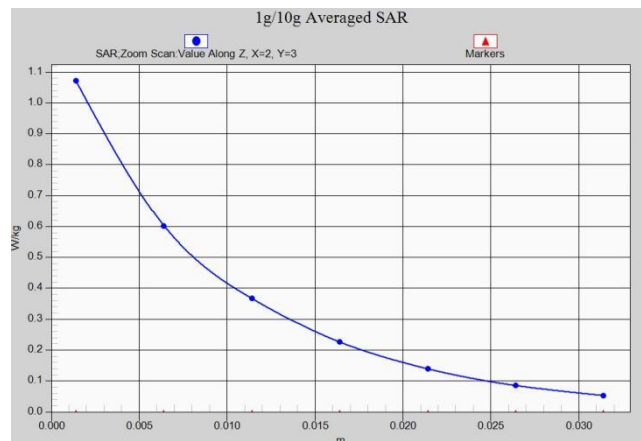
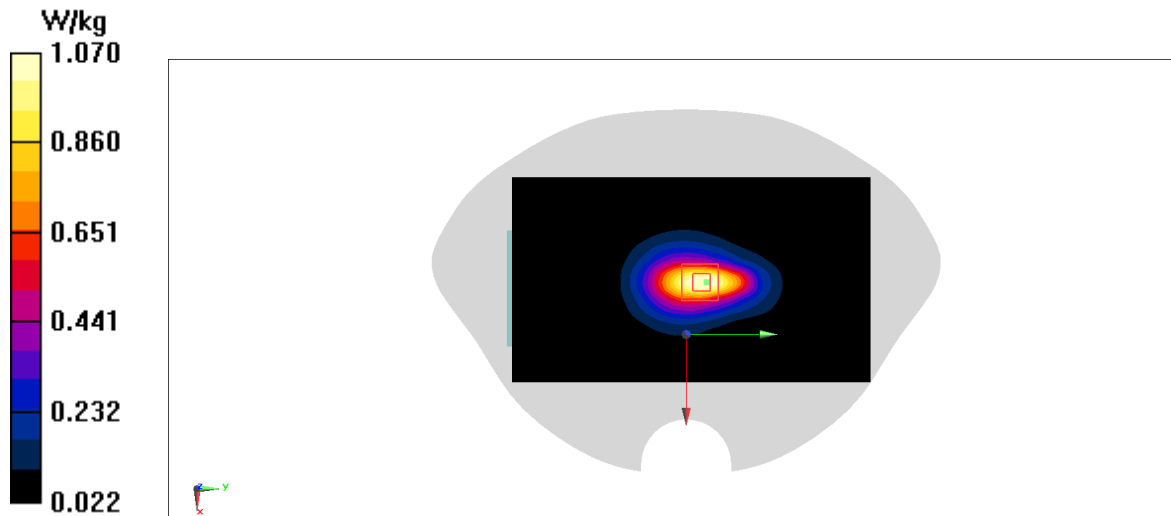
Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.87 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.724 W/kg; SAR(10 g) = 0.406 W/kg

Maximum value of SAR (measured) = 1.07 W/kg



# W1700 Body 15mm ANT1

Date: 3/6/2022

Electronics: DAE4 Sn549

Medium: H1750

Medium parameters used (interpolated):  $f = 1712.4$  MHz;  $\sigma = 1.362$  S/m;  $\epsilon_r = 42.34$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, WCDMA1700(B4) (0) Frequency: 1712.4 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(8.93, 8.93, 8.93)

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

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

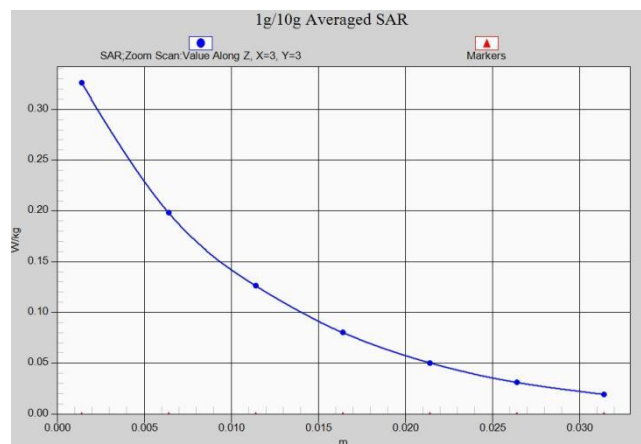
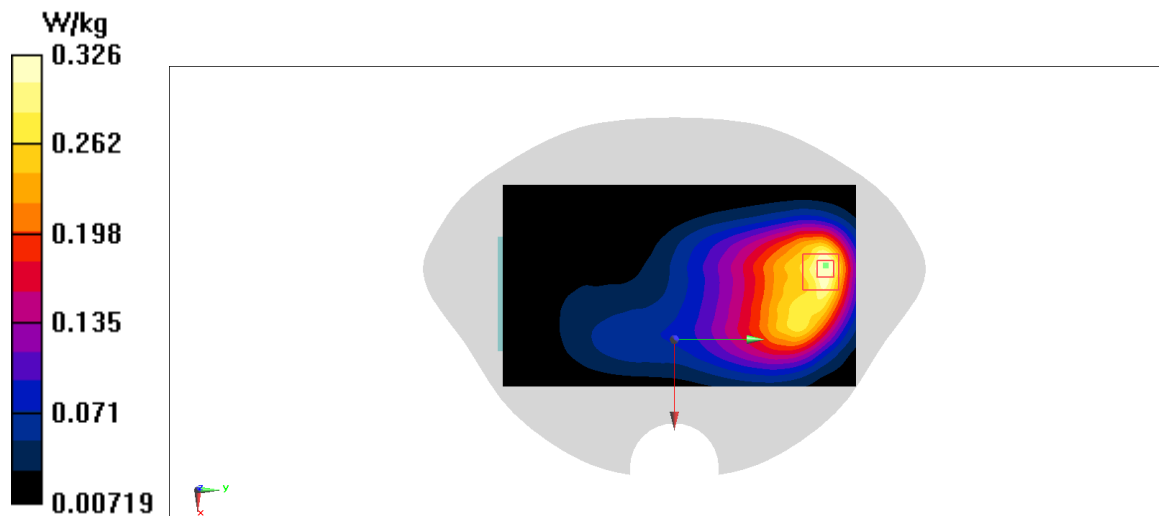
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.562 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.388 W/kg

SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.142 W/kg

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



## W1900 Head ANT1

Date: 2/16/2022

Electronics: DAE4 Sn549

Medium: H1900

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.478$  S/m;  $\epsilon_r = 41.97$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, WCDMA1900(B2) (0) Frequency: 1880 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(8.54, 8.54, 8.54)

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

Maximum value of SAR (interpolated) = 0.135 W/kg

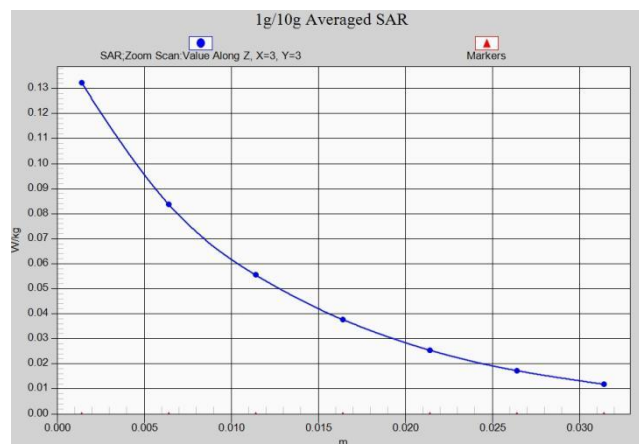
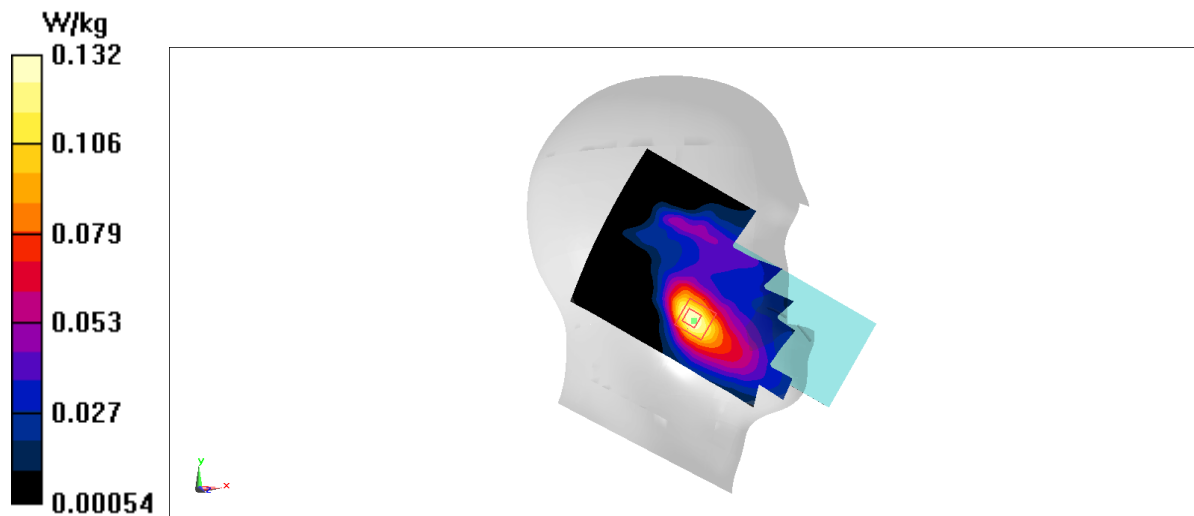
Zoom Scan (6x6x7)/Cube 0: Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 2.649 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.154 W/kg

SAR(1 g) = 0.096 W/kg; SAR(10 g) = 0.06 W/kg

Maximum value of SAR (measured) = 0.132 W/kg



# W1900 Body 10mm ANT1

Date: 2/16/2022

Electronics: DAE4 Sn549

Medium: H1900

Medium parameters used (interpolated):  $f = 1907.6$  MHz;  $\sigma = 1.498$  S/m;  $\epsilon_r = 41.92$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, WCDMA1900(B2) (0) Frequency: 1907.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(8.54, 8.54, 8.54)

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

Maximum value of SAR (interpolated) = 1.34 W/kg

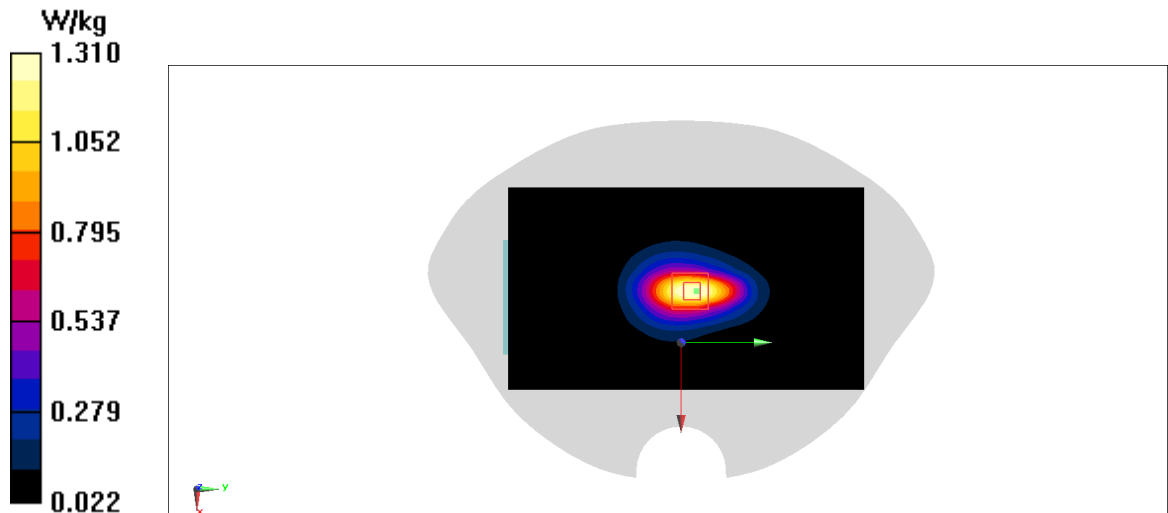
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.49 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.879 W/kg; SAR(10 g) = 0.479 W/kg

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



# W1900 Body 15mm ANT1

Date: 2/16/2022

Electronics: DAE4 Sn549

Medium: H1900

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.478$  S/m;  $\epsilon_r = 41.97$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, WCDMA1900(B2) (0) Frequency: 1880 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(8.54, 8.54, 8.54)

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

Maximum value of SAR (interpolated) = 0.475 W/kg

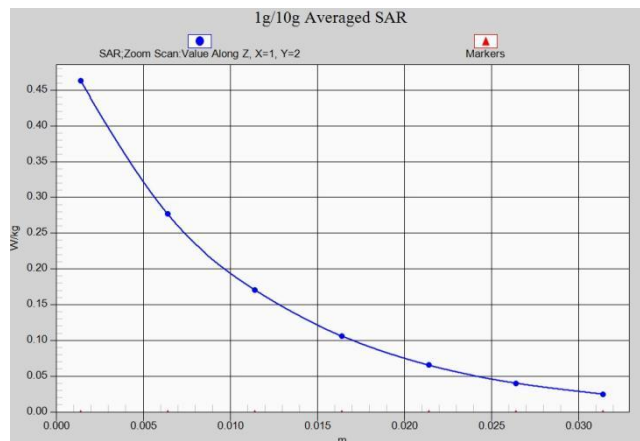
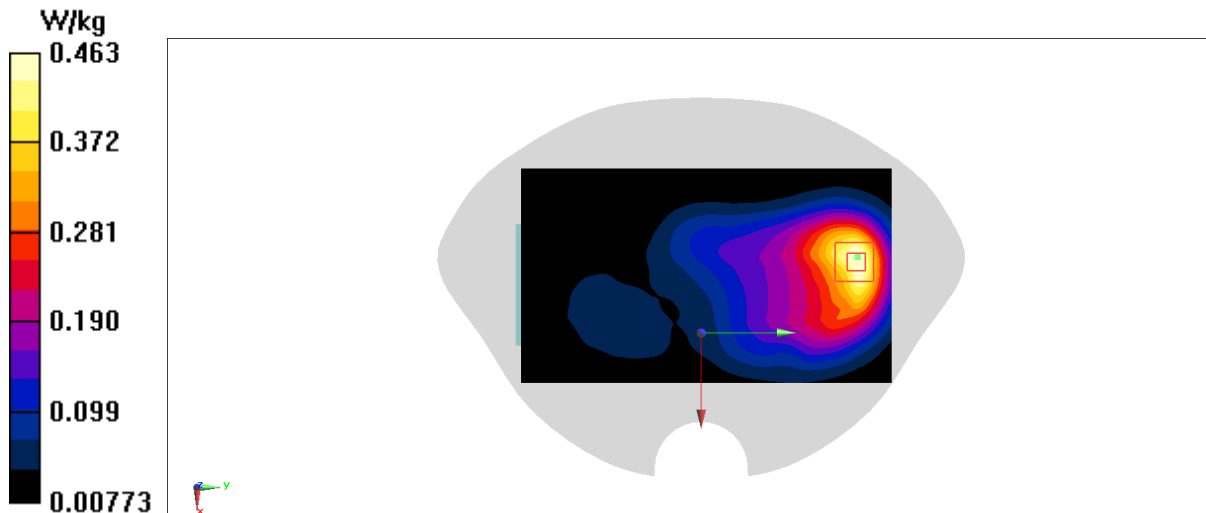
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.447 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.549 W/kg

SAR(1 g) = 0.330 W/kg; SAR(10 g) = 0.198 W/kg

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



## LTE B2 Head ANT1

Date: 2/16/2022

Electronics: DAE4 Sn549

Medium: H1900

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.491$  S/m;  $\epsilon_r = 41.94$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band2 (0) Frequency: 1900 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(8.54, 8.54, 8.54)

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

Maximum value of SAR (interpolated) = 0.109 W/kg

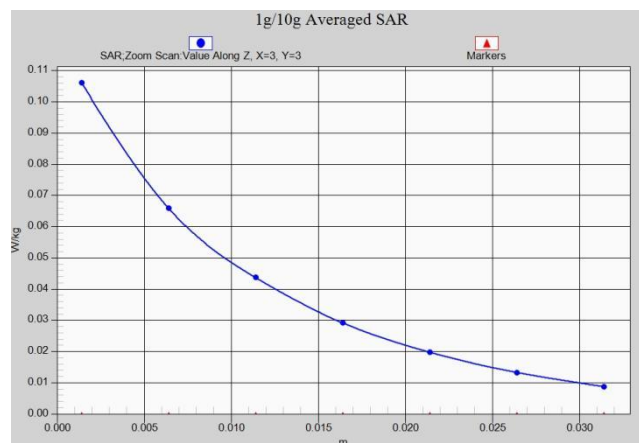
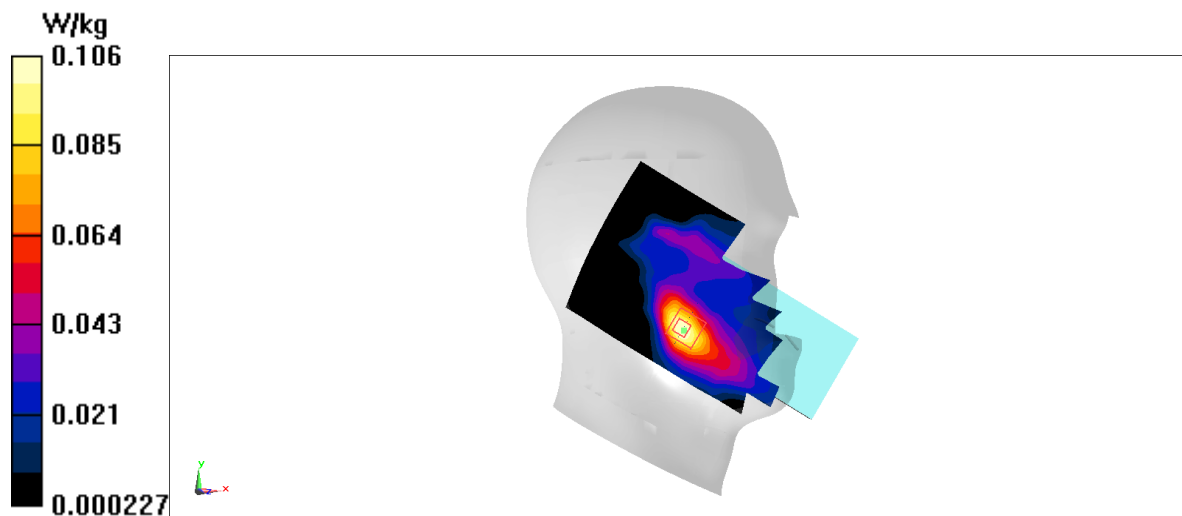
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.321 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.126 W/kg

SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.047 W/kg

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





# LTE B2 Body 10mm ANT1

Date: 2/16/2022

Electronics: DAE4 Sn549

Medium: H1900

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.478$  S/m;  $\epsilon_r = 41.97$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band2 (0) Frequency: 1880 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(8.54, 8.54, 8.54)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.948 W/kg

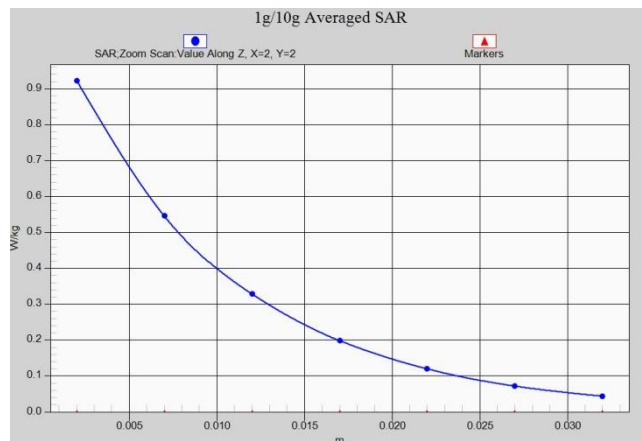
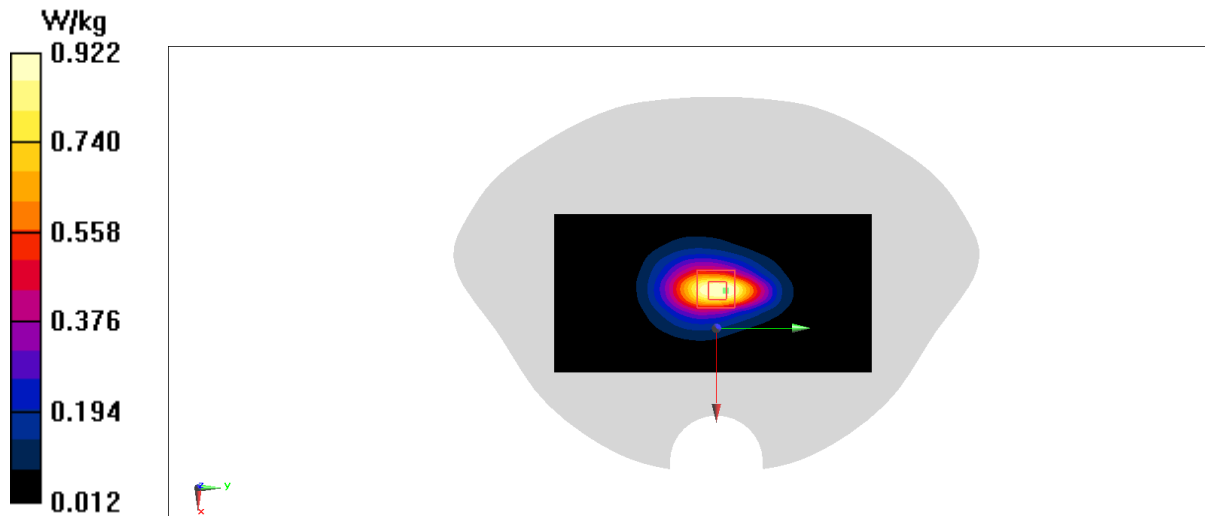
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.70 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.672 W/kg; SAR(10 g) = 0.370 W/kg

Maximum value of SAR (measured) = 0.922 W/kg



## LTE B2 Body 15mm ANT1

Date: 2/16/2022

Electronics: DAE4 Sn549

Medium: H1900

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.478$  S/m;  $\epsilon_r = 41.97$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band2 (0) Frequency: 1880 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(8.54, 8.54, 8.54)

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

Maximum value of SAR (interpolated) = 0.319 W/kg

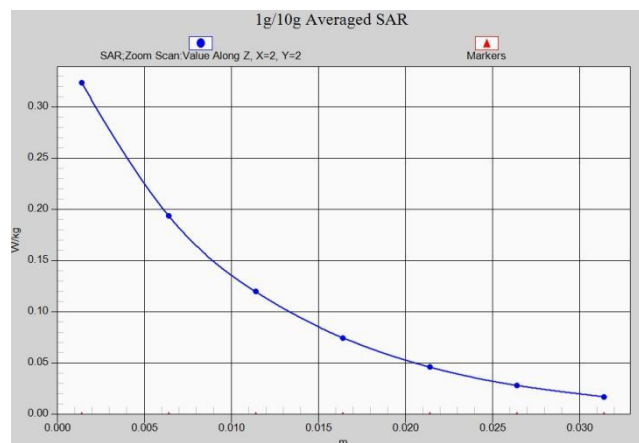
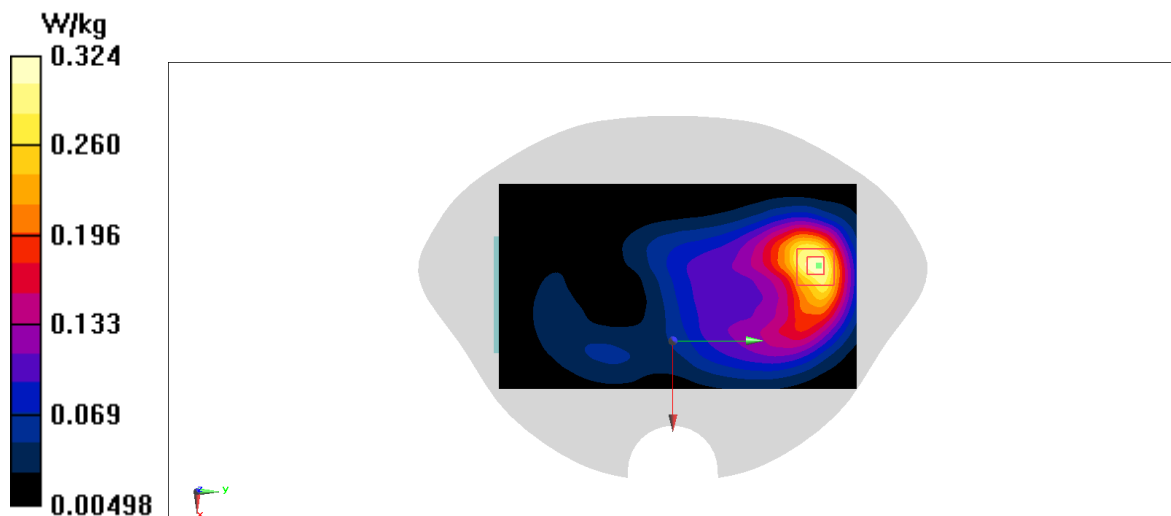
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.701 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.384 W/kg

SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.135 W/kg

Maximum value of SAR (measured) = 0.324 W/kg



## LTE B4 Head ANT1

Date: 3/6/2022

Electronics: DAE4 Sn549

Medium: H1750

Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.369$  S/m;  $\epsilon_r = 42.32$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band4 (0) Frequency: 1720 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(8.93, 8.93, 8.93)

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

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

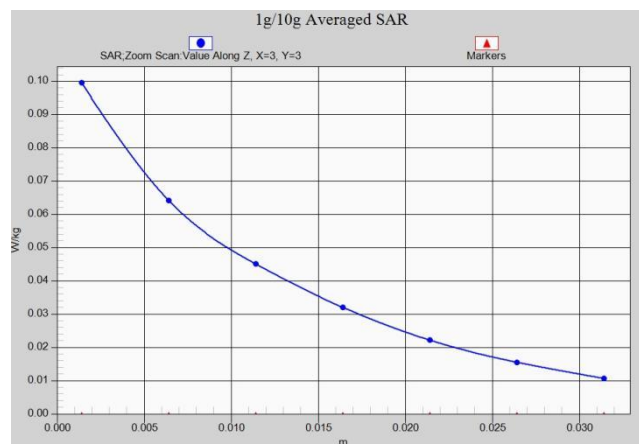
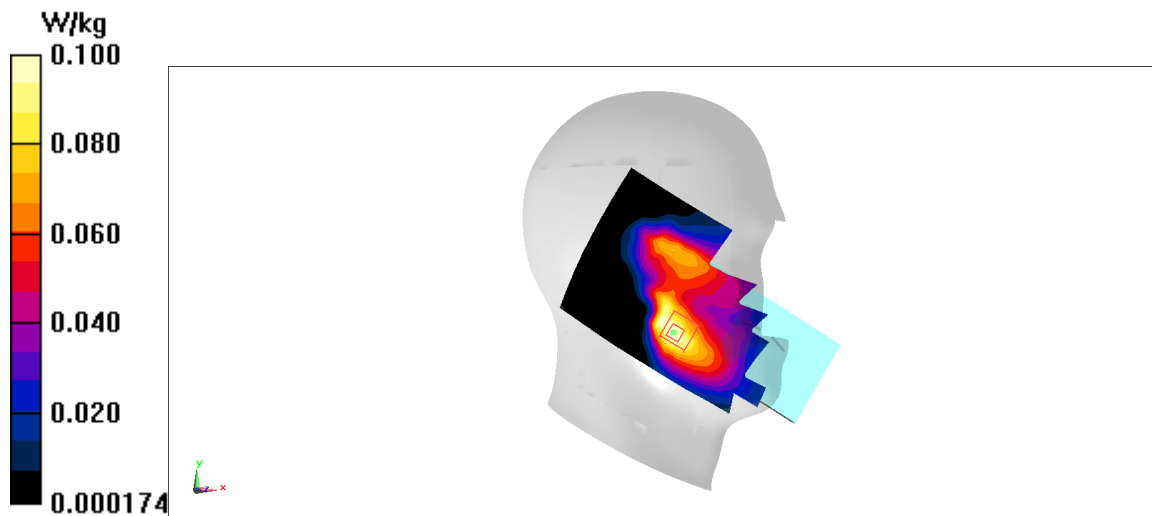
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.496 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.115 W/kg

SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.049 W/kg

Maximum value of SAR (measured) = 0.0995 W/kg



# LTE B4 Body 10mm ANT1

Date: 3/6/2022

Electronics: DAE4 Sn549

Medium: H1750

Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.387$  S/m;  $\epsilon_r = 42.26$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band4 (0) Frequency: 1745 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(8.93, 8.93, 8.93)

Area Scan (61x121x1): Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 1.03 W/kg

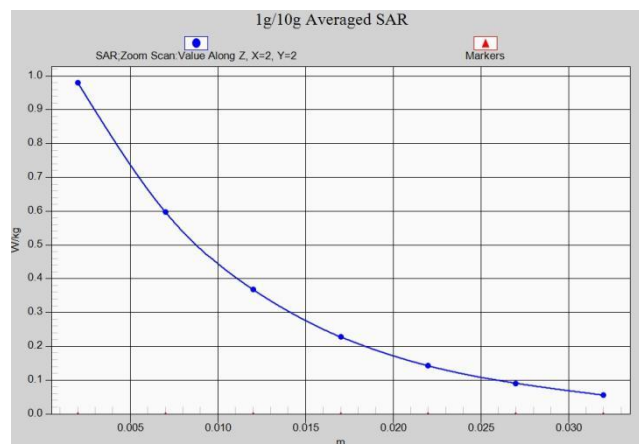
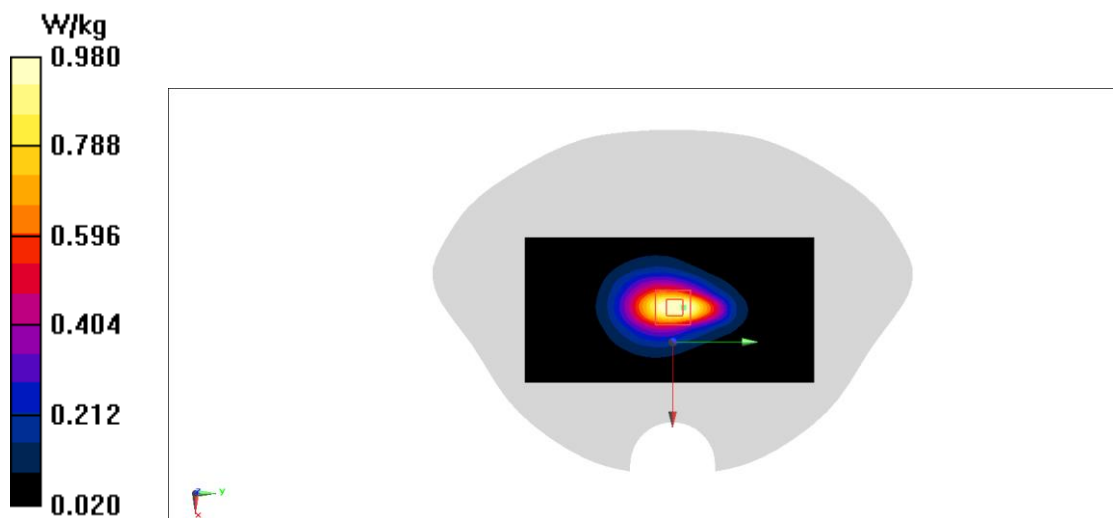
Zoom Scan (5x6x7)/Cube 0: Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 27.94 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.721 W/kg; SAR(10 g) = 0.410 W/kg

Maximum value of SAR (measured) = 0.980 W/kg



# LTE B4 Body 15mm ANT1

Date: 3/6/2022

Electronics: DAE4 Sn549

Medium: H1750

Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.376$  S/m;  $\epsilon_r = 42.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band4 (0) Frequency: 1732.5 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(8.93, 8.93, 8.93)

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

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

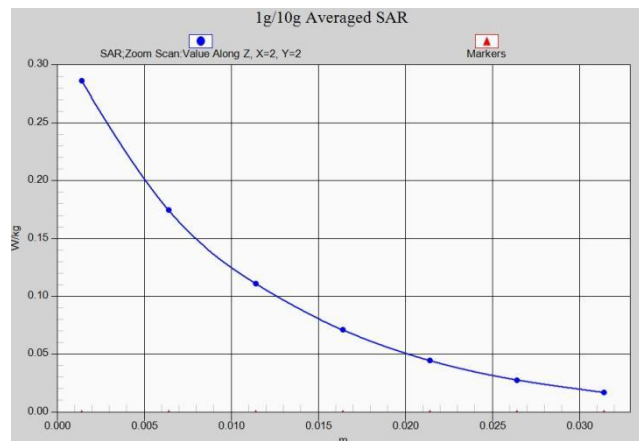
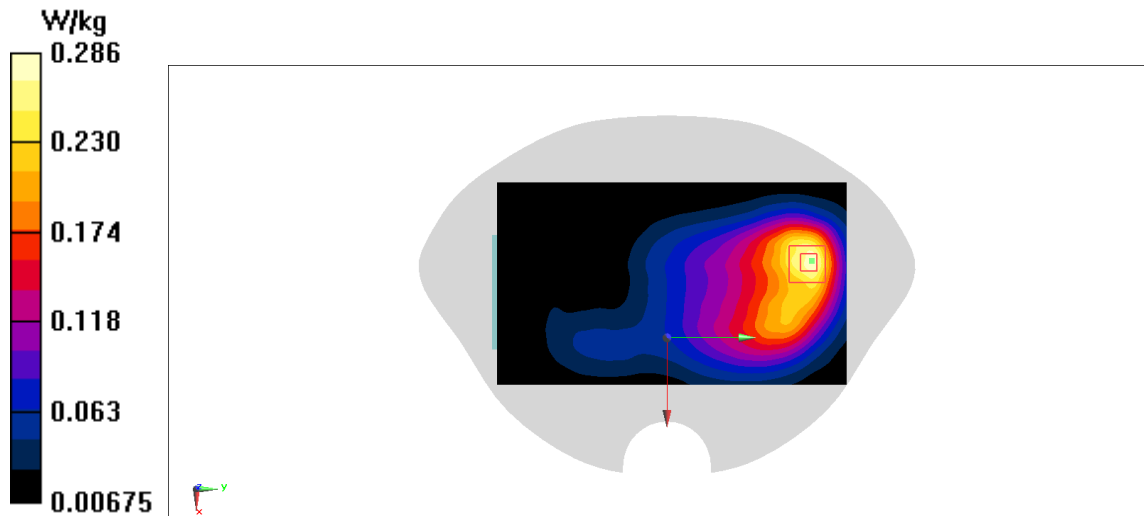
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.066 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.340 W/kg

SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.123 W/kg

Maximum value of SAR (measured) = 0.286 W/kg



## LTE B5 Head ANT0

Date: 3/5/2022

Electronics: DAE4 Sn549

Medium: H835

Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.87$  S/m;  $\epsilon_r = 44.71$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band5 (0) Frequency: 836.5 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(10.74, 10.74, 10.74)

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

Maximum value of SAR (interpolated) = 0.148 W/kg

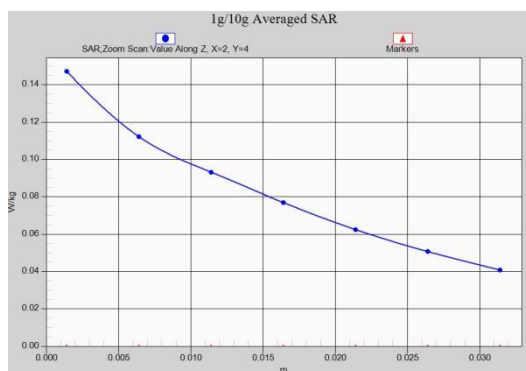
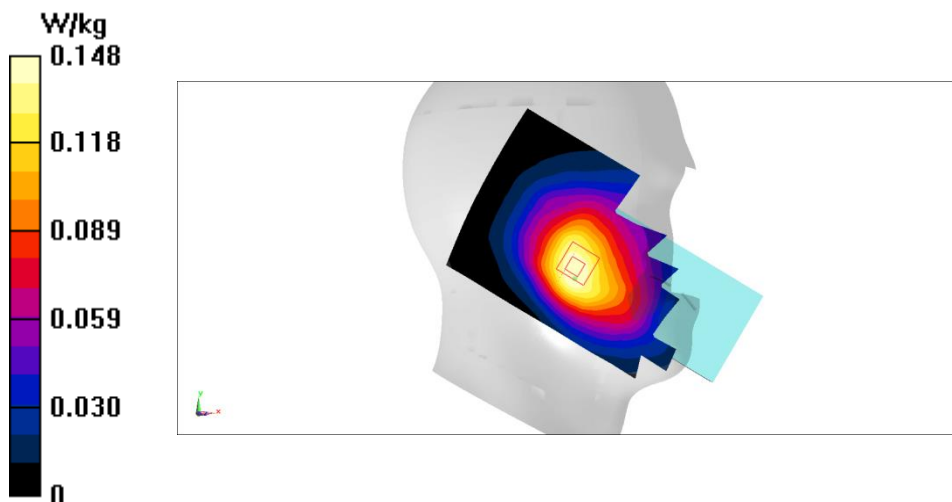
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.527 V/m; Power Drift = 0.17dB

Peak SAR (extrapolated) = 0.164 W/kg

SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.096 W/kg

Maximum value of SAR (measured) = 0.147 W/kg



# LTE B5 Body 10mm ANT0

Date: 3/5/2022

Electronics: DAE4 Sn549

Medium: H835

Medium parameters used (interpolated):  $f = 829 \text{ MHz}$ ;  $\sigma = 0.868 \text{ S/m}$ ;  $\epsilon_r = 44.73$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature:  $23.3^\circ\text{C}$       Liquid Temperature:  $22.5^\circ\text{C}$

Communication System: UID 0, LTE Band5 (0) Frequency:  $829 \text{ MHz}$  Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(10.74, 10.74, 10.74)

Area Scan (81x141x1): Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.387 \text{ W/kg}$

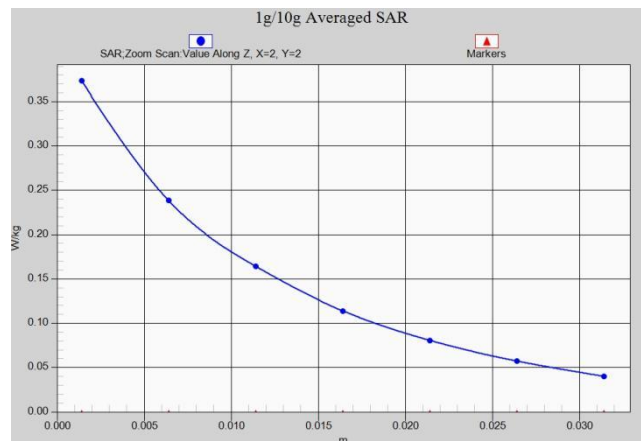
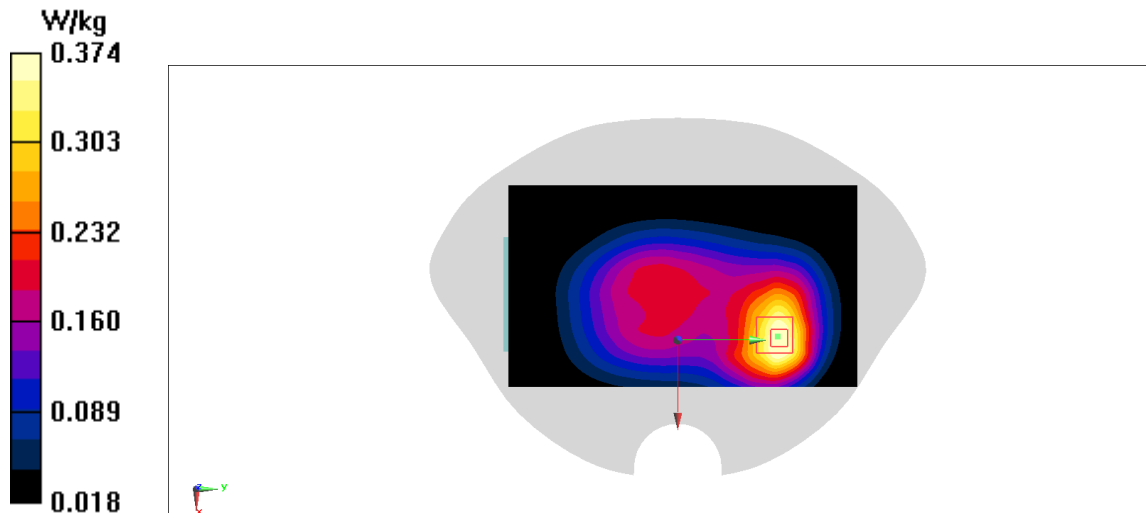
Zoom Scan (5x5x7)/Cube 0: Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $14.15 \text{ V/m}$ ; Power Drift =  $-0.16 \text{ dB}$

Peak SAR (extrapolated) =  $0.432 \text{ W/kg}$

SAR(1 g) =  $0.274 \text{ W/kg}$ ; SAR(10 g) =  $0.182 \text{ W/kg}$

Maximum value of SAR (measured) =  $0.374 \text{ W/kg}$



# LTE B5 Body 15mm ANT0

Date: 3/5/2022

Electronics: DAE4 Sn549

Medium: H835

Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.87$  S/m;  $\epsilon_r = 44.71$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band5 (0) Frequency: 836.5 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(10.74, 10.74, 10.74)

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

Maximum value of SAR (interpolated) = 0.193 W/kg

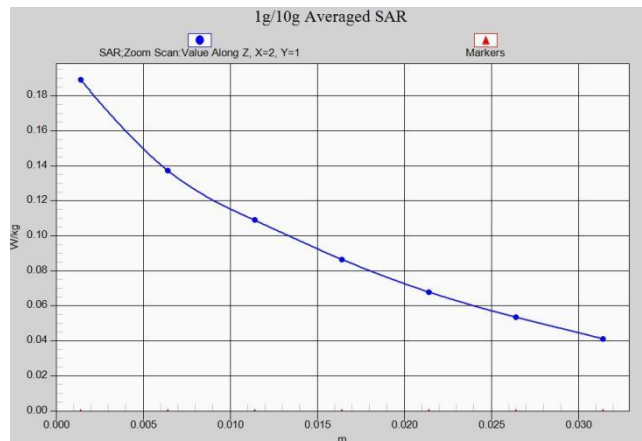
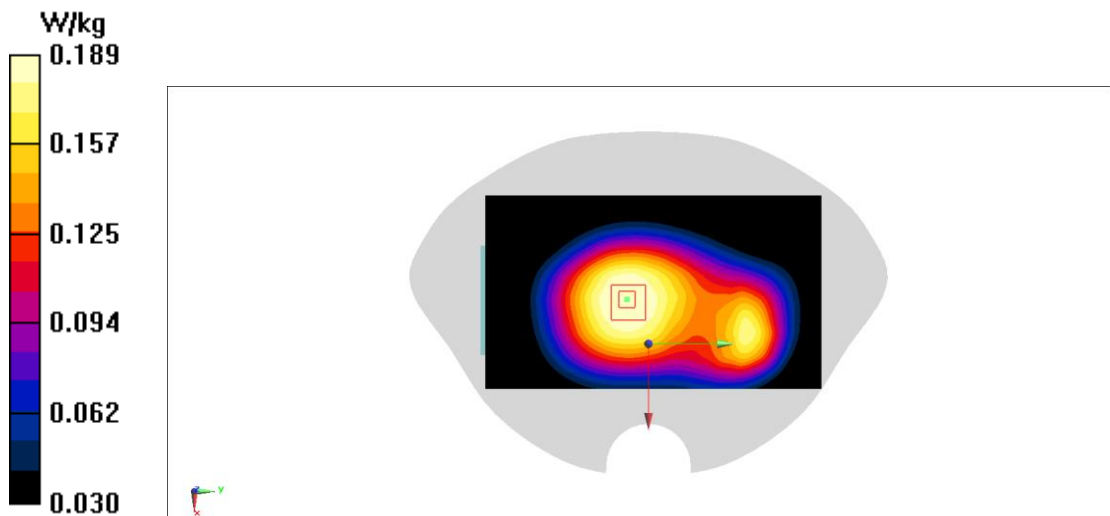
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.40 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.212 W/kg

SAR(1 g) = 0.154 W/kg; SAR(10 g) = 0.119 W/kg

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





## LTE B7 Head ANT1

Date: 2/17/2022

Electronics: DAE4 Sn549

Medium: H2600

Medium parameters used:  $f = 2560$  MHz;  $\sigma = 2.05$  S/m;  $\epsilon_r = 40.58$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band7 (0) Frequency: 2560 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(7.62, 7.62, 7.62)

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

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

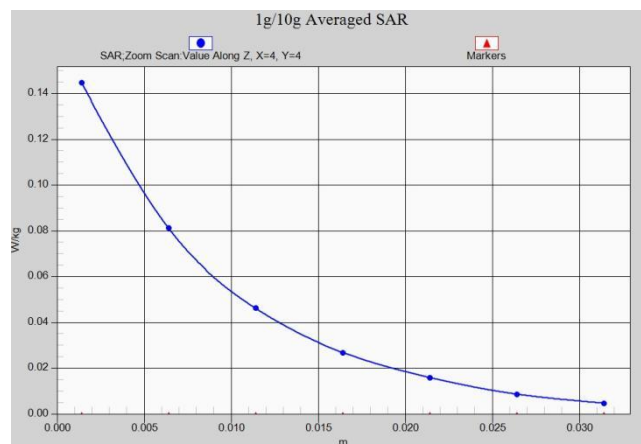
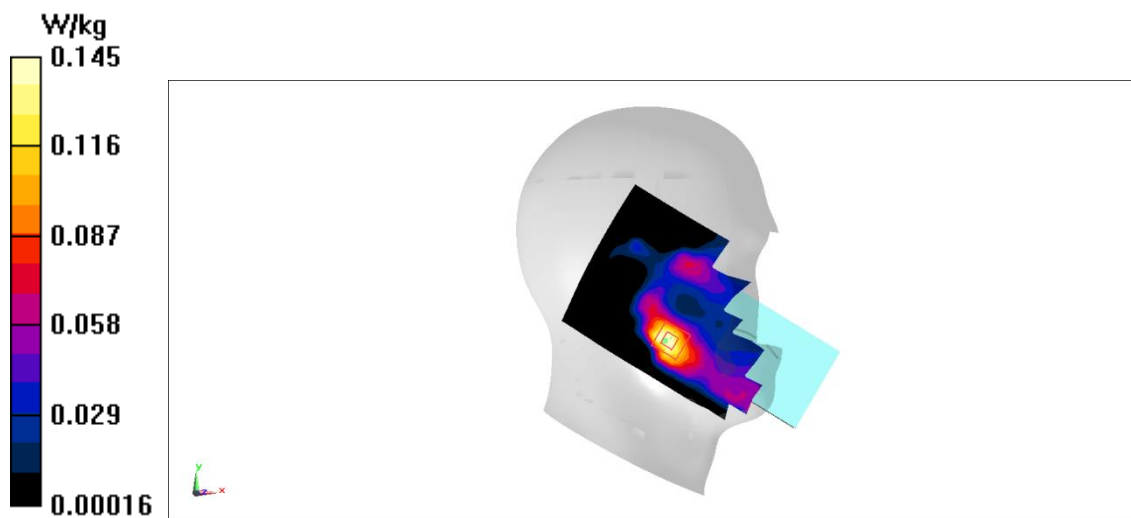
Zoom Scan (8x8x7)/Cube 0: Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.031 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.179 W/kg

SAR(1 g) = 0.096 W/kg; SAR(10 g) = 0.050 W/kg

Maximum value of SAR (measured) = 0.145 W/kg



# LTE B7 Body 10mm ANT1

Date: 2/17/2022

Electronics: DAE4 Sn549

Medium: H2600

Medium parameters used:  $f = 2535$  MHz;  $\sigma = 2.028$  S/m;  $\epsilon_r = 40.64$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band7 (0) Frequency: 2535 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(7.82, 7.82, 7.82)

Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.03 W/kg

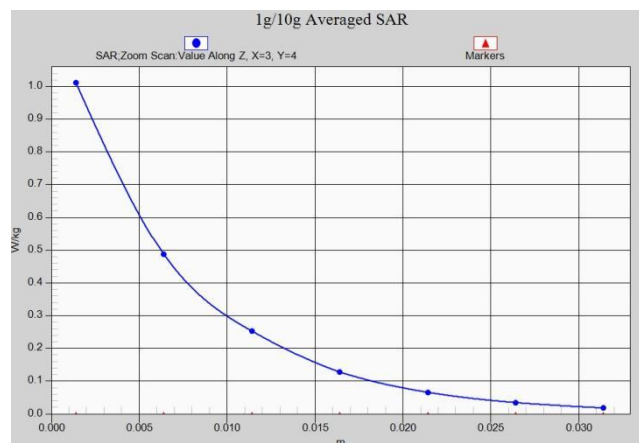
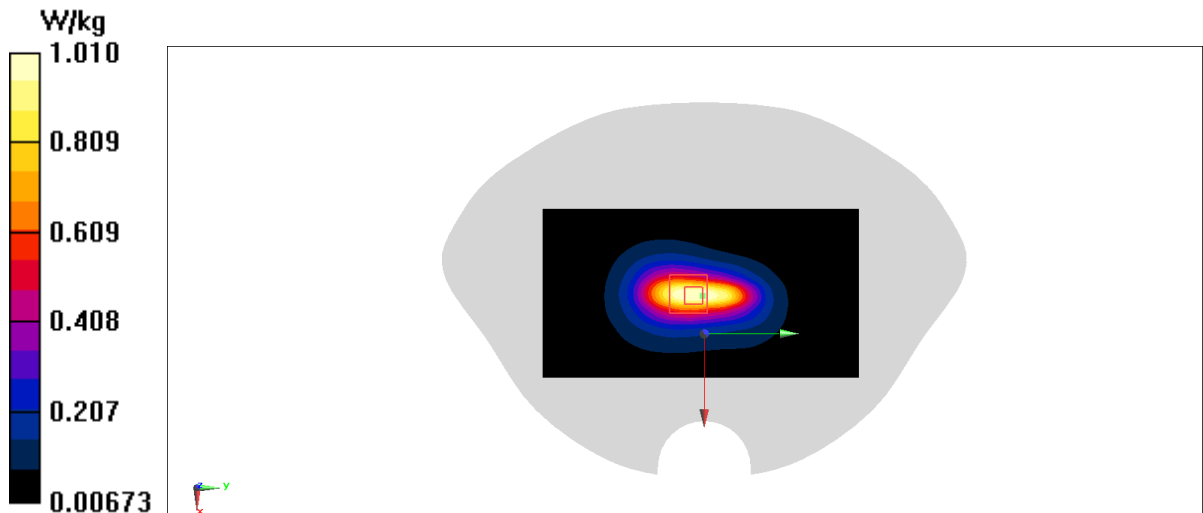
Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.89 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.627 W/kg; SAR(10 g) = 0.315 W/kg

Maximum value of SAR (measured) = 1.01 W/kg



# LTE B7 Body 15mm ANT1

Date: 2/17/2022

Electronics: DAE4 Sn549

Medium: H2600

Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.005$  S/m;  $\epsilon_r = 40.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band7 (0) Frequency: 2510 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(7.82, 7.82, 7.82)

Area Scan (81x141x1): Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.345 W/kg

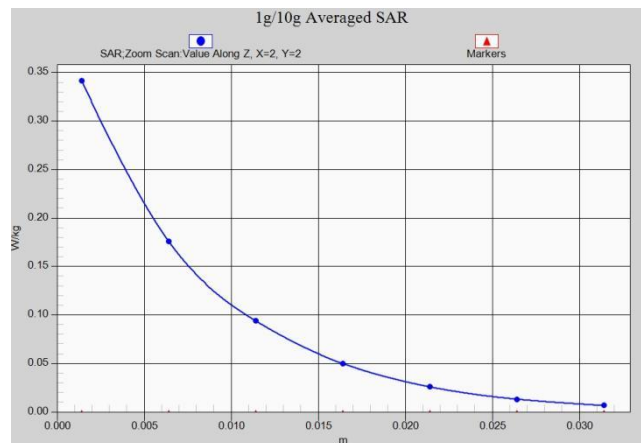
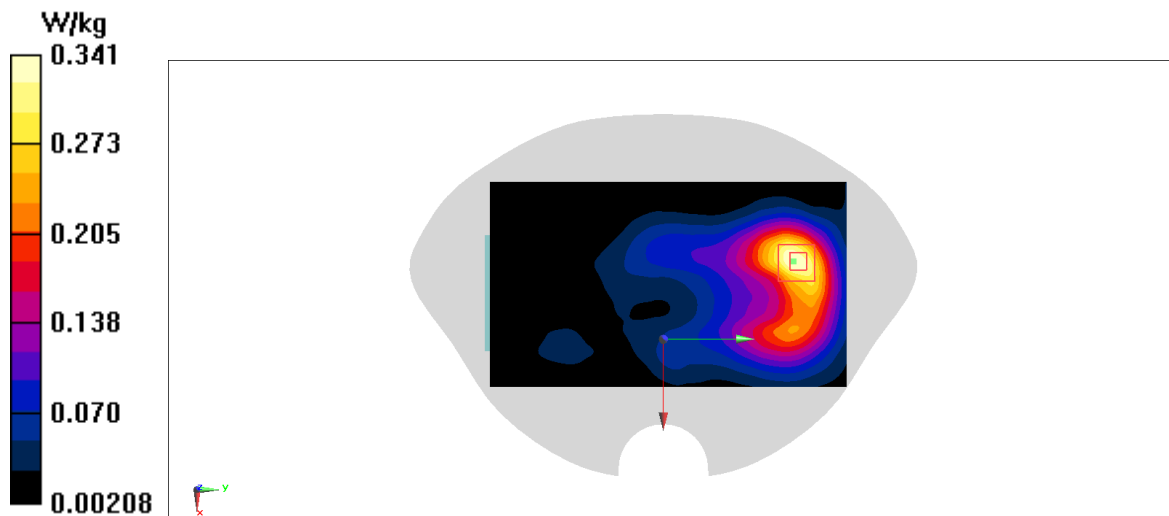
Zoom Scan (5x5x7)/Cube 0: Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.991 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.420 W/kg

SAR(1 g) = 0.221 W/kg; SAR(10 g) = 0.120 W/kg

Maximum value of SAR (measured) = 0.341 W/kg



## LTE B12 Head ANT0

Date: 2/19/2022

Electronics: DAE4 Sn549

Medium: H750

Medium parameters used (interpolated):  $f = 711$  MHz;  $\sigma = 0.816$  S/m;  $\epsilon_r = 45.22$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band12 (0) Frequency: 711 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(10.74, 10.74, 10.74)

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

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

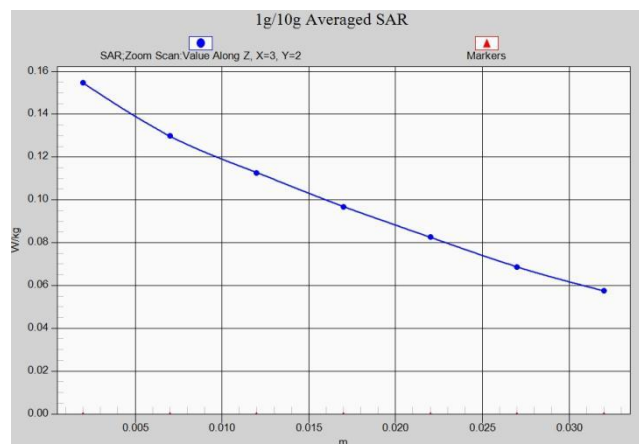
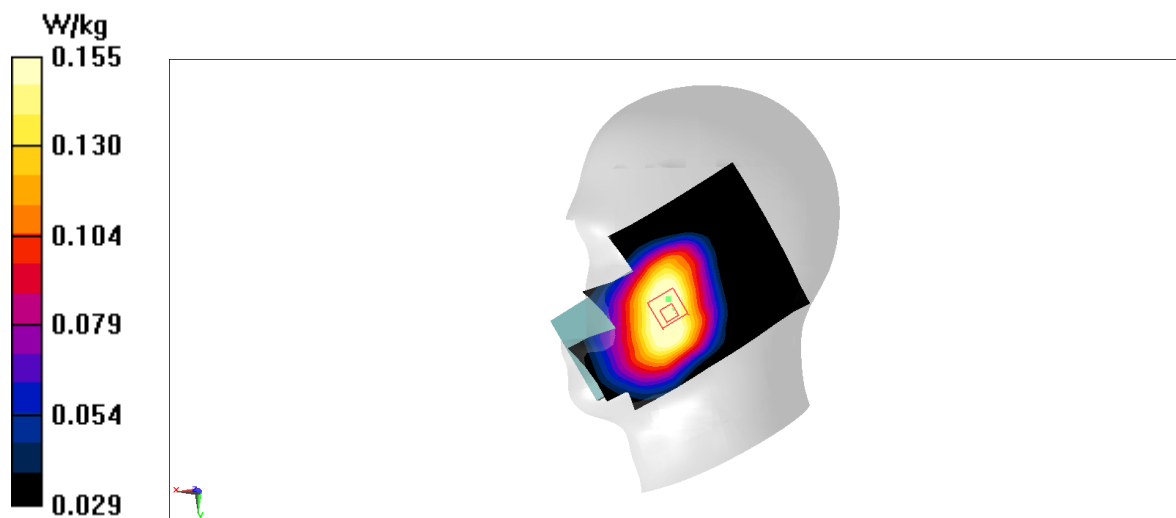
Zoom Scan (5x5x7)/Cube 0: Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 3.535 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.168 W/kg

SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.114 W/kg

Maximum value of SAR (measured) = 0.155 W/kg



## LTE B12 Body 10mm ANTO

Date: 2/19/2022

Electronics: DAE4 Sn549

Medium: H750

Medium parameters used (interpolated):  $f = 711$  MHz;  $\sigma = 0.816$  S/m;  $\epsilon_r = 45.22$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band12 (0) Frequency: 711 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(10.74, 10.74, 10.74)

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

Maximum value of SAR (interpolated) = 0.201 W/kg

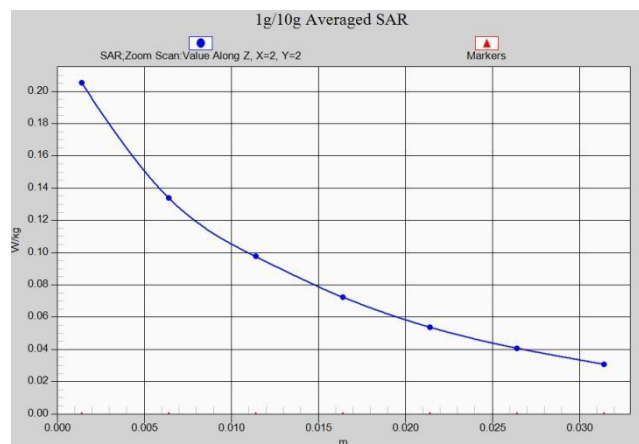
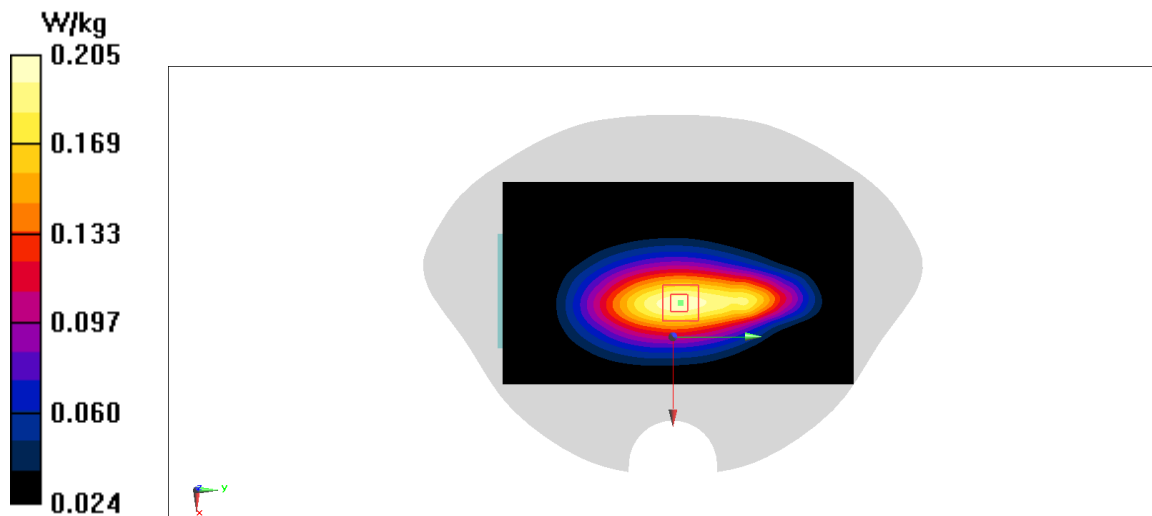
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.85 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.237 W/kg

SAR(1 g) = 0.154 W/kg; SAR(10 g) = 0.107 W/kg

Maximum value of SAR (measured) = 0.205 W/kg



## LTE B12 Body 15mm ANT0

Date: 2/19/2022

Electronics: DAE4 Sn549

Medium: H750

Medium parameters used (interpolated):  $f = 711$  MHz;  $\sigma = 0.816$  S/m;  $\epsilon_r = 45.22$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band12 (0) Frequency: 711 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(10.74, 10.74, 10.74)

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

Maximum value of SAR (interpolated) = 0.229 W/kg

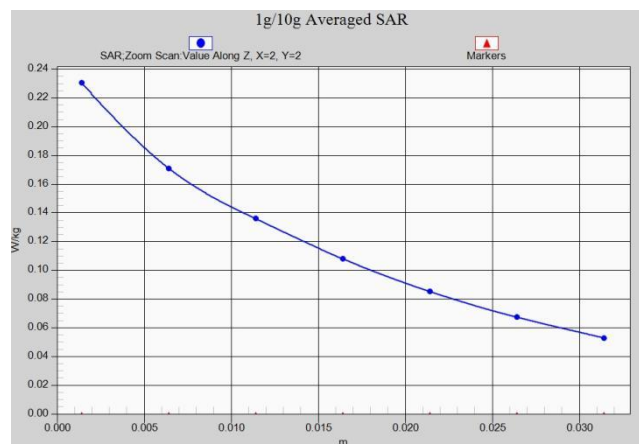
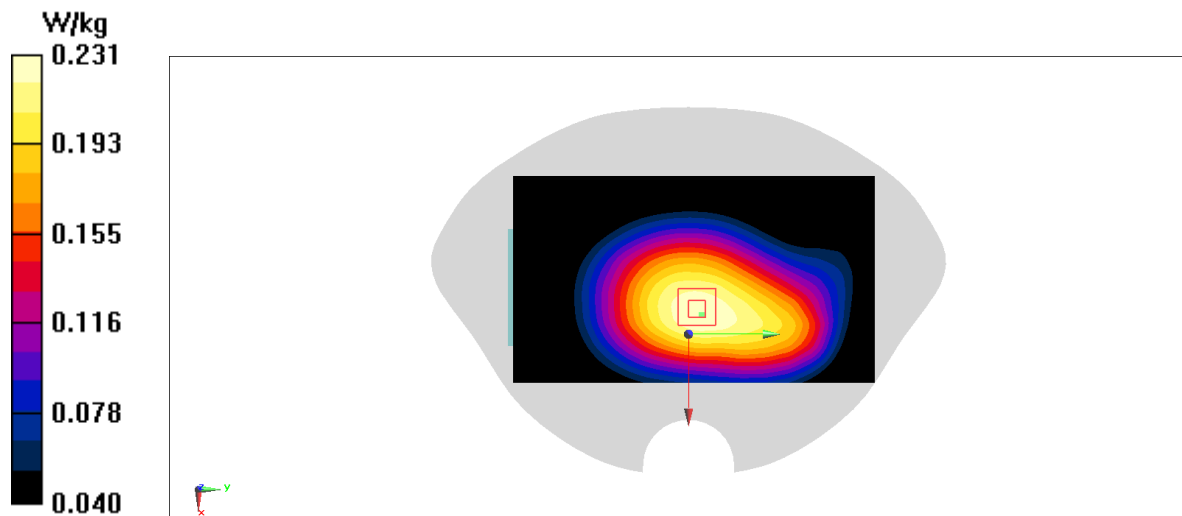
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.34 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.256 W/kg

SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.146 W/kg

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



## LTE B13 Head ANT0

Date: 2/19/2022

Electronics: DAE4 Sn549

Medium: H750

Medium parameters used (interpolated):  $f = 782$  MHz;  $\sigma = 0.846$  S/m;  $\epsilon_r = 44.93$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band13 (0) Frequency: 782 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(10.74, 10.74, 10.74)

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

Maximum value of SAR (interpolated) = 0.0742 W/kg

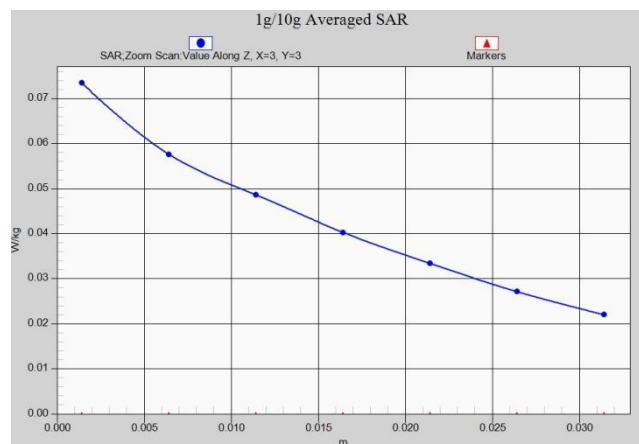
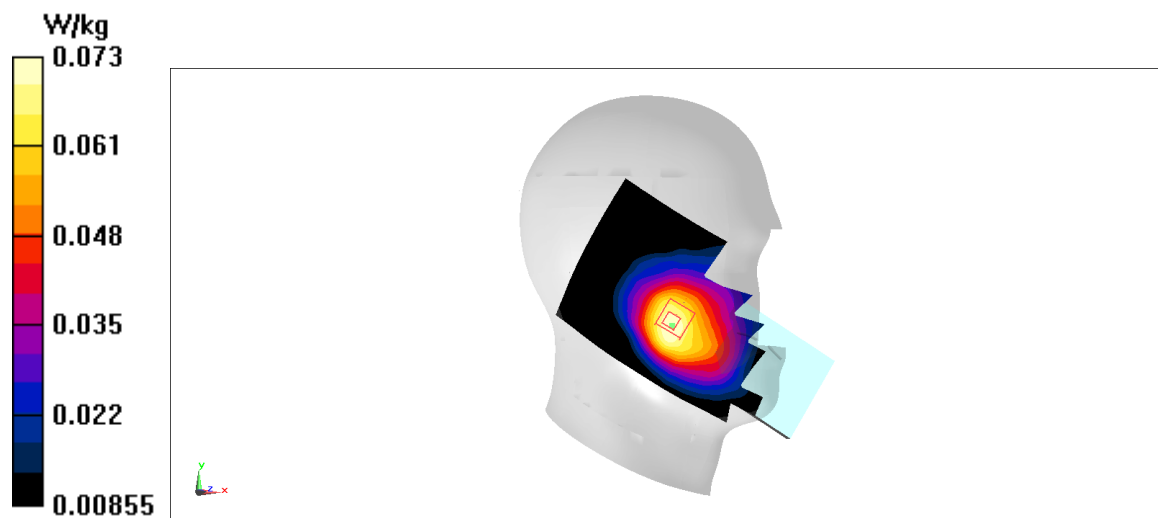
Zoom Scan (6x6x7)/Cube 0: Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 2.123 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.0820 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.049 W/kg

Maximum value of SAR (measured) = 0.0735 W/kg



# LTE B13 Body 10mm ANT0

Date: 2/19/2022

Electronics: DAE4 Sn549

Medium: H750

Medium parameters used (interpolated):  $f = 782$  MHz;  $\sigma = 0.846$  S/m;  $\epsilon_r = 44.93$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band13 (0) Frequency: 782 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(10.74, 10.74, 10.74)

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

Maximum value of SAR (interpolated) = 0.161 W/kg

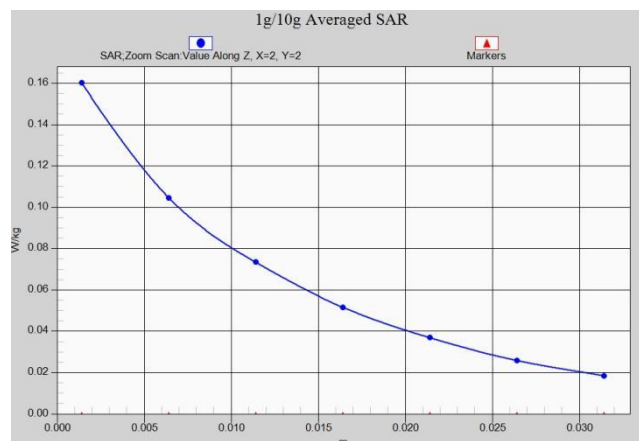
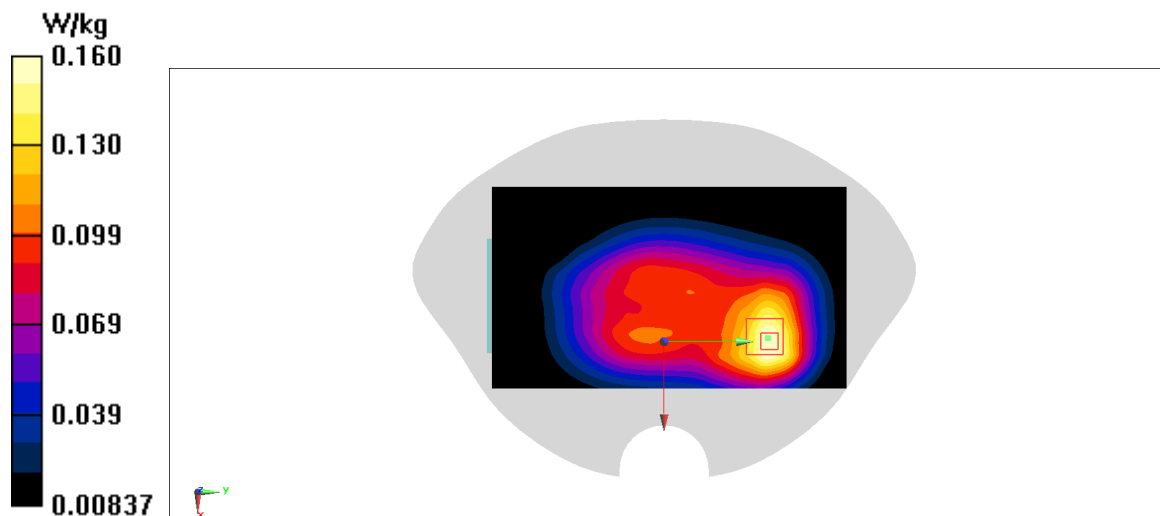
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.06 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.189 W/kg

SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.082 W/kg

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





# LTE B13 Body 15mm ANT0

Date: 2/19/2022

Electronics: DAE4 Sn549

Medium: H750

Medium parameters used (interpolated):  $f = 782 \text{ MHz}$ ;  $\sigma = 0.846 \text{ S/m}$ ;  $\epsilon_r = 44.93$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature:  $23.3^\circ\text{C}$       Liquid Temperature:  $22.5^\circ\text{C}$

Communication System: UID 0, LTE Band13 (0) Frequency: 782 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(10.74, 10.74, 10.74)

Area Scan (81x141x1): Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.110 \text{ W/kg}$

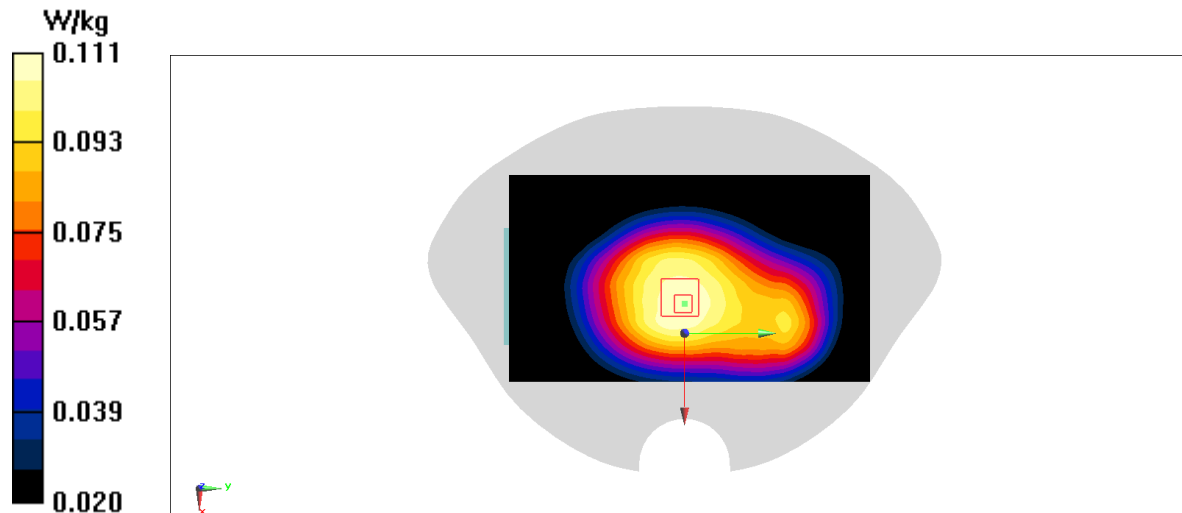
Zoom Scan (5x5x7)/Cube 0: Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $10.49 \text{ V/m}$ ; Power Drift =  $0.11 \text{ dB}$

Peak SAR (extrapolated) =  $0.124 \text{ W/kg}$

SAR(1 g) =  $0.090 \text{ W/kg}$ ; SAR(10 g) =  $0.070 \text{ W/kg}$

Maximum value of SAR (measured) =  $0.111 \text{ W/kg}$



# LTE B25 Head ANT1

Date: 2/16/2022

Electronics: DAE4 Sn549

Medium: H1900

Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.464$  S/m;  $\epsilon_r = 42.01$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band25 (0) Frequency: 1860 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(8.54, 8.54, 8.54)

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

Maximum value of SAR (interpolated) = 0.132 W/kg

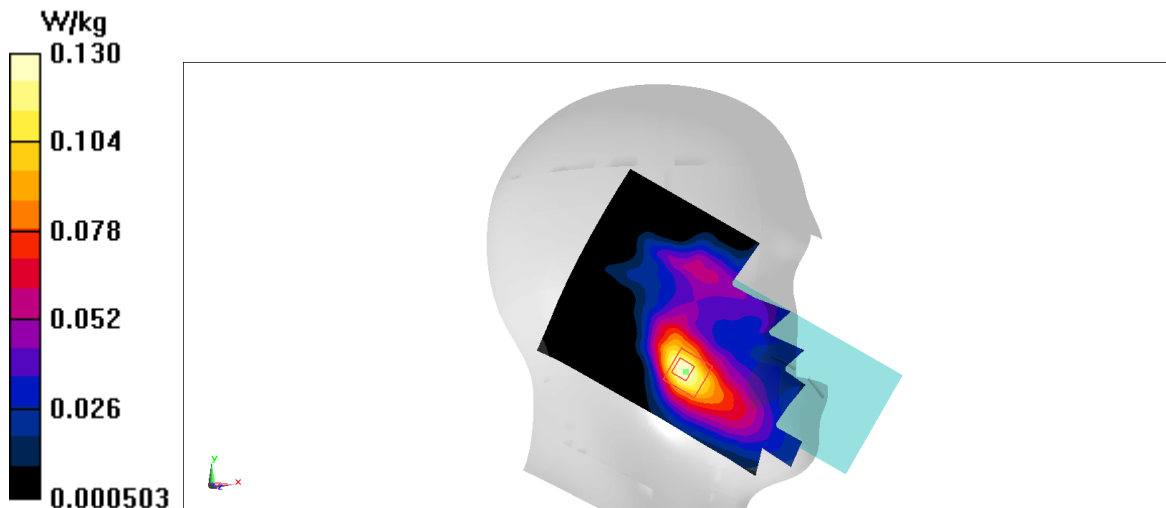
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.037 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.151 W/kg

SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.061 W/kg

Maximum value of SAR (measured) = 0.130 W/kg



# LTE B25 Body 10mm ANT1

Date: 2/16/2022

Electronics: DAE4 Sn549

Medium: H1900

Medium parameters used:  $f = 1905$  MHz;  $\sigma = 1.494$  S/m;  $\epsilon_r = 41.93$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band25 (0) Frequency: 1905 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(8.54, 8.54, 8.54)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.10 W/kg

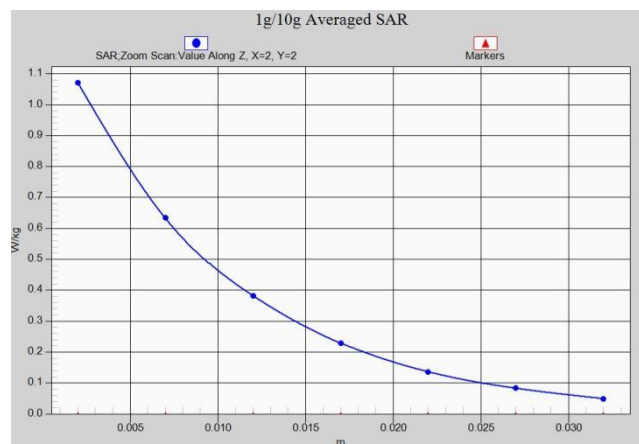
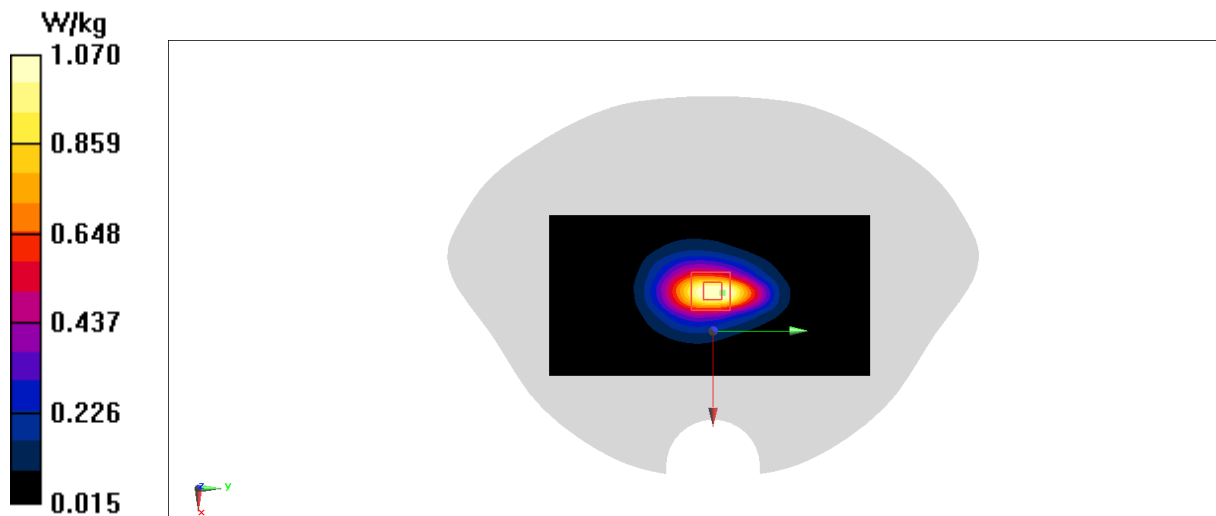
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.81 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.781 W/kg; SAR(10 g) = 0.430 W/kg

Maximum value of SAR (measured) = 1.07 W/kg



# LTE B25 Body 15mm ANT1

Date: 2/16/2022

Electronics: DAE4 Sn549

Medium: H1900

Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.478$  S/m;  $\epsilon_r = 41.97$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band25 (0) Frequency: 1882.5 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(8.54, 8.54, 8.54)

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

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

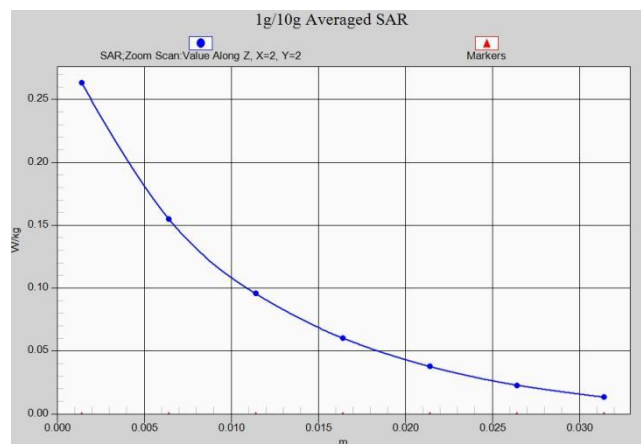
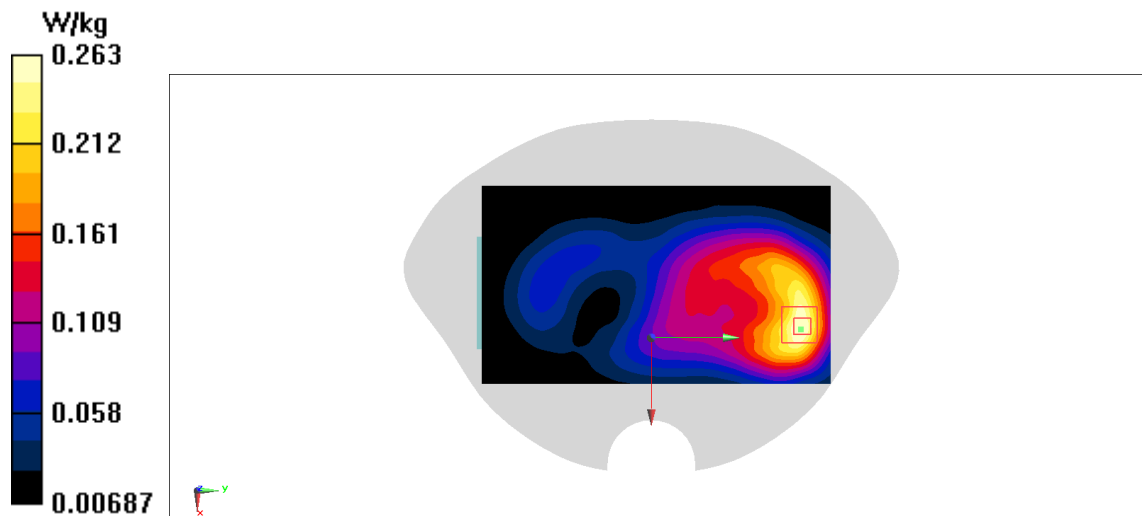
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.573 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.111 W/kg

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



## LTE B26 Head ANT0

Date: 3/5/2022

Electronics: DAE4 Sn549

Medium: H850

Medium parameters used (interpolated):  $f = 841.5$  MHz;  $\sigma = 0.872$  S/m;  $\epsilon_r = 44.69$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band26 15M (0) Frequency: 841.5 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(10.74, 10.74, 10.74)

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

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

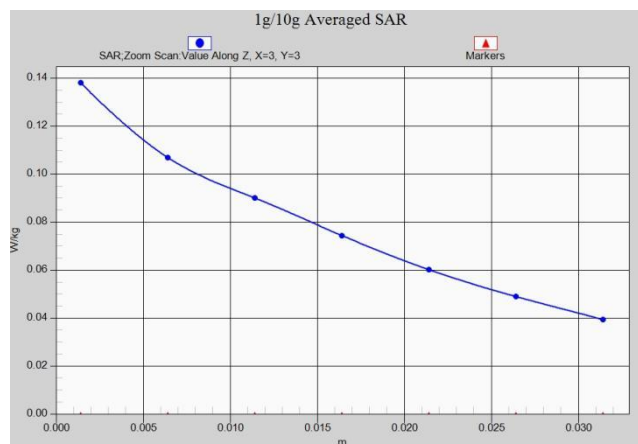
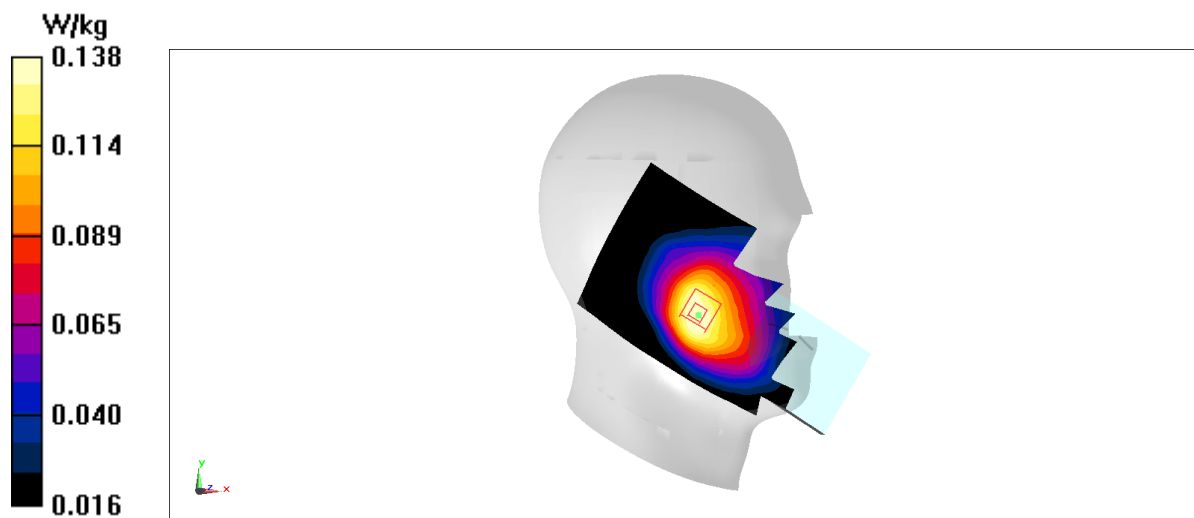
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.369 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.154 W/kg

SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.091 W/kg

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



## LTE B26 Body 10mm ANT0

Date: 3/5/2022

Electronics: DAE4 Sn549

Medium: H850

Medium parameters used (interpolated):  $f = 841.5$  MHz;  $\sigma = 0.872$  S/m;  $\epsilon_r = 44.69$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band26 15M (0) Frequency: 841.5 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(10.74, 10.74, 10.74)

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

Maximum value of SAR (interpolated) = 0.299 W/kg

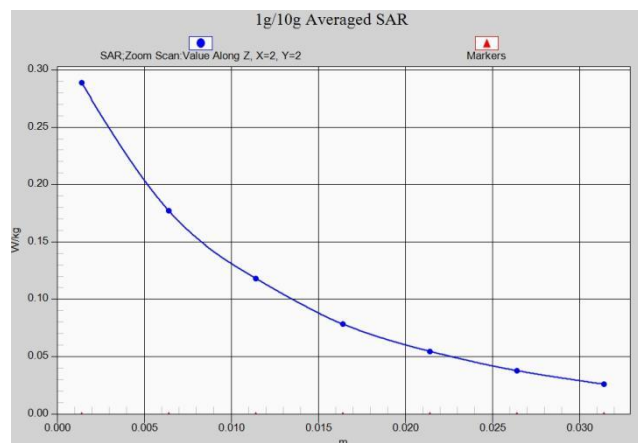
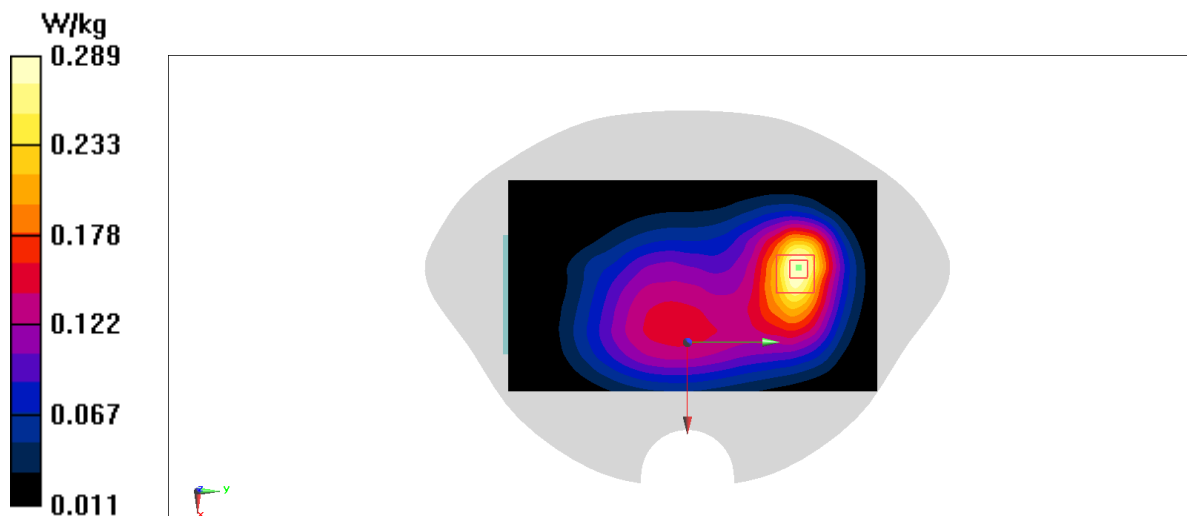
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.77 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.339 W/kg

SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.136 W/kg

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



# LTE B26 Body 15mm ANTO

Date: 3/5/2022

Electronics: DAE4 Sn549

Medium: H850

Medium parameters used (interpolated):  $f = 822.5$  MHz;  $\sigma = 0.863$  S/m;  $\epsilon_r = 44.77$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band26 15M (0) Frequency: 822.5 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(10.74, 10.74, 10.74)

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

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

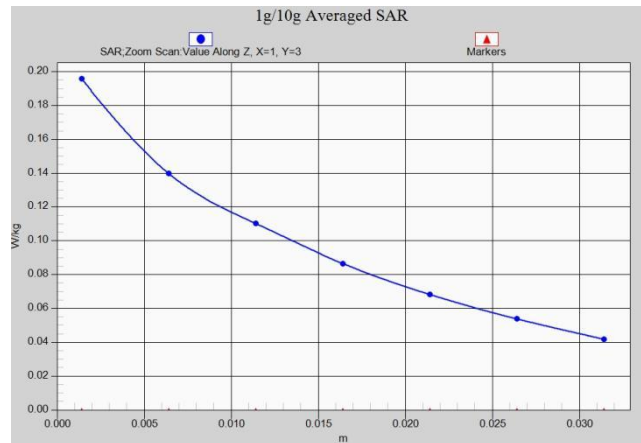
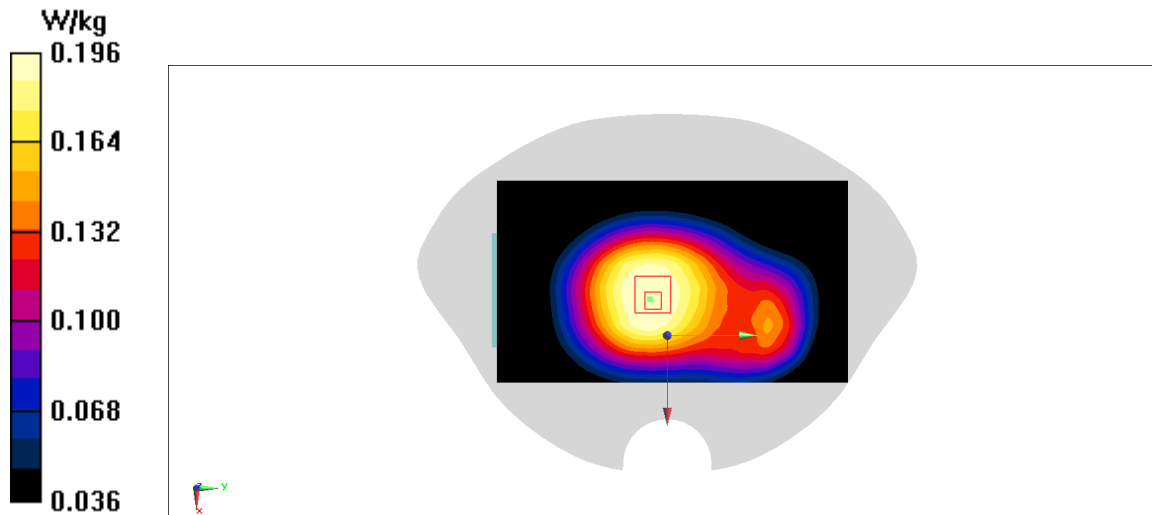
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.82 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.219 W/kg

SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.124 W/kg

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



## LTE B38 Head ANT1

Date: 2/17/2022

Electronics: DAE4 Sn549

Medium: H2600

Medium parameters used:  $f = 2580$  MHz;  $\sigma = 2.068$  S/m;  $\epsilon_r = 40.53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band38 (0) Frequency: 2580 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7600 ConvF(7.62, 7.62, 7.62)

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

Maximum value of SAR (interpolated) = 0.128 W/kg

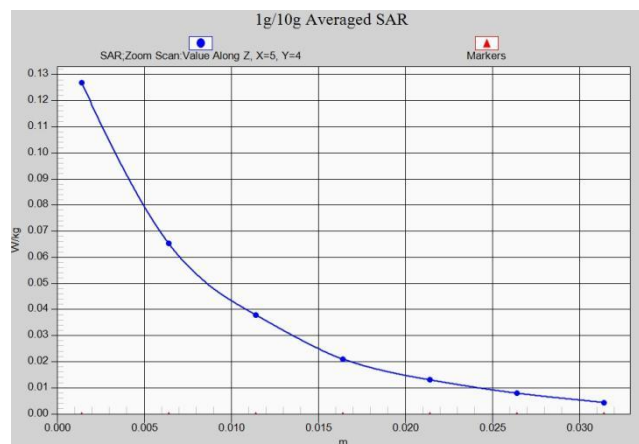
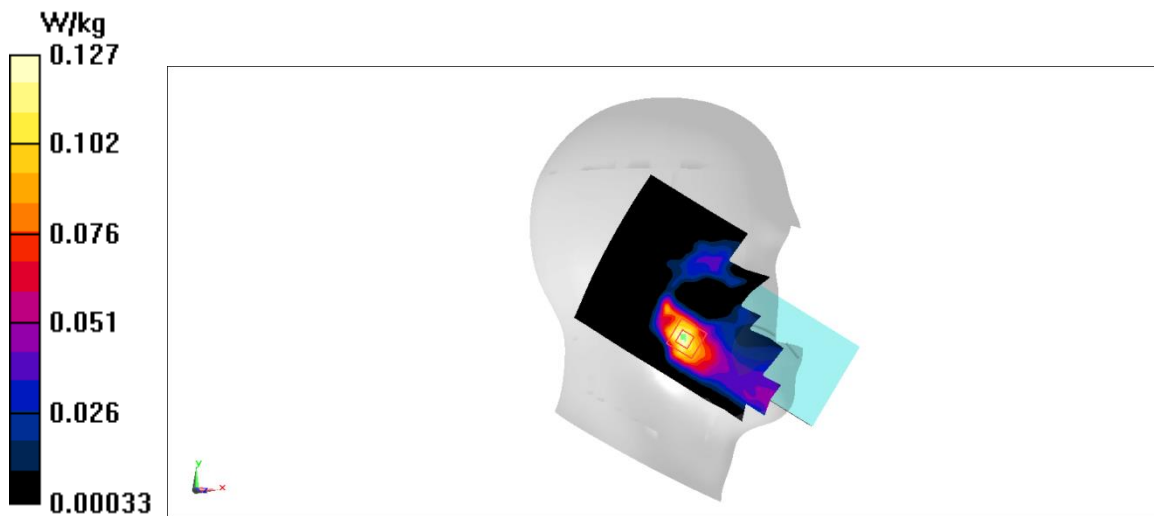
Zoom Scan (9x8x7)/Cube 0: Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 1.340 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.156 W/kg

SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.042 W/kg

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





# LTE B38 Body 10mm ANT1

Date: 2/17/2022

Electronics: DAE4 Sn549

Medium: H2600

Medium parameters used:  $f = 2610$  MHz;  $\sigma = 2.093$  S/m;  $\epsilon_r = 40.46$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band38 (0) Frequency: 2610 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7600 ConvF(7.62, 7.62, 7.62)

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

Maximum value of SAR (interpolated) = 0.891 W/kg

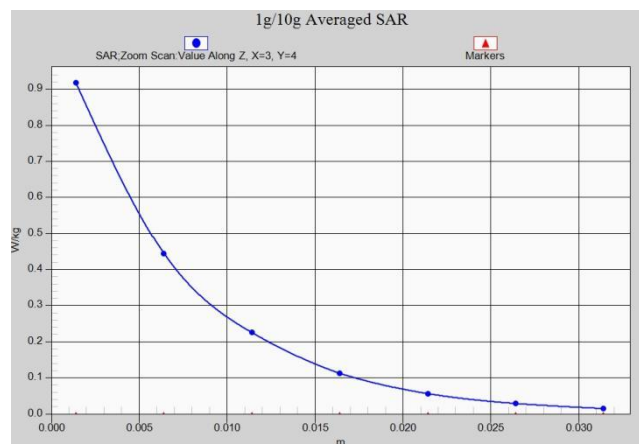
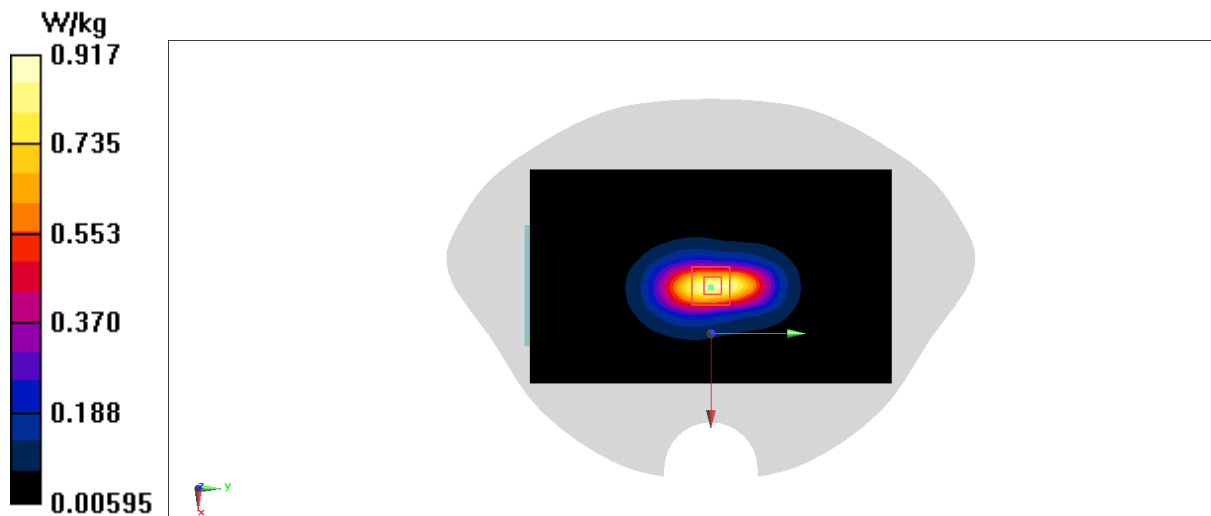
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.90 V/m; Power Drift = 0.1 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.565 W/kg; SAR(10 g) = 0.278 W/kg

Maximum value of SAR (measured) = 0.917 W/kg



# LTE B38 Body 15mm ANT1

Date: 2/17/2022

Electronics: DAE4 Sn549

Medium: H2600

Medium parameters used:  $f = 2610$  MHz;  $\sigma = 2.093$  S/m;  $\epsilon_r = 40.46$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band38 (0) Frequency: 2610 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7600 ConvF(7.62, 7.62, 7.62)

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

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

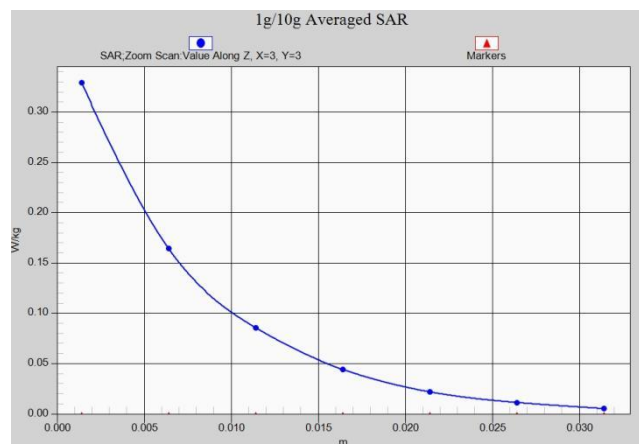
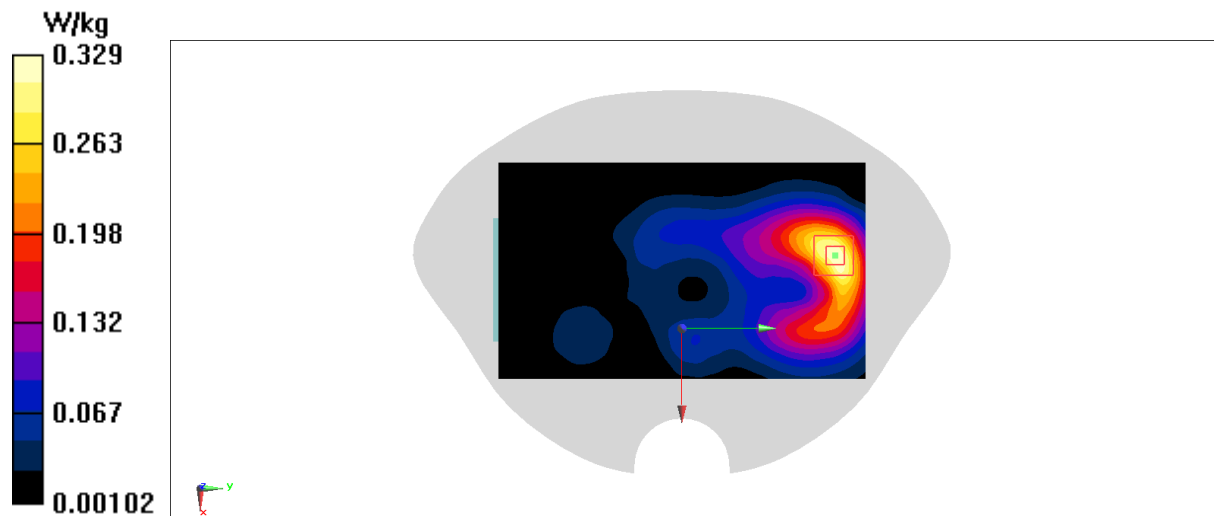
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.977 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.405 W/kg

SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.112 W/kg

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



# LTE B41 PC2 Head ANT1

Date: 2/17/2022

Electronics: DAE4 Sn549

Medium: H2600

Medium parameters used (interpolated):  $f = 2636.5$  MHz;  $\sigma = 2.115$  S/m;  $\epsilon_r = 40.39$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band41 (0) Frequency: 2636.5 MHz Duty Cycle: 1:2.30887

Probe: EX3DV4 - SN7600 ConvF(7.62, 7.62, 7.62)

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

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

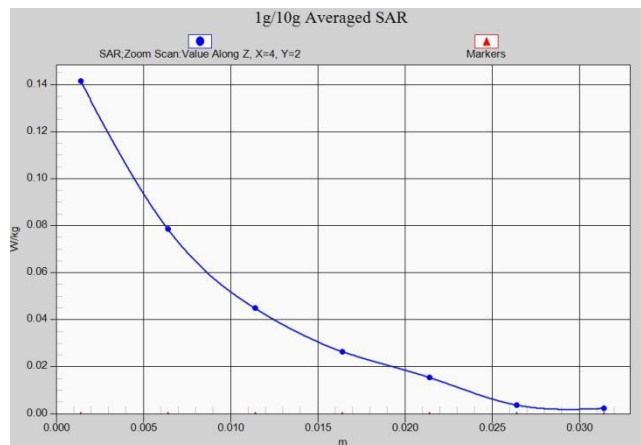
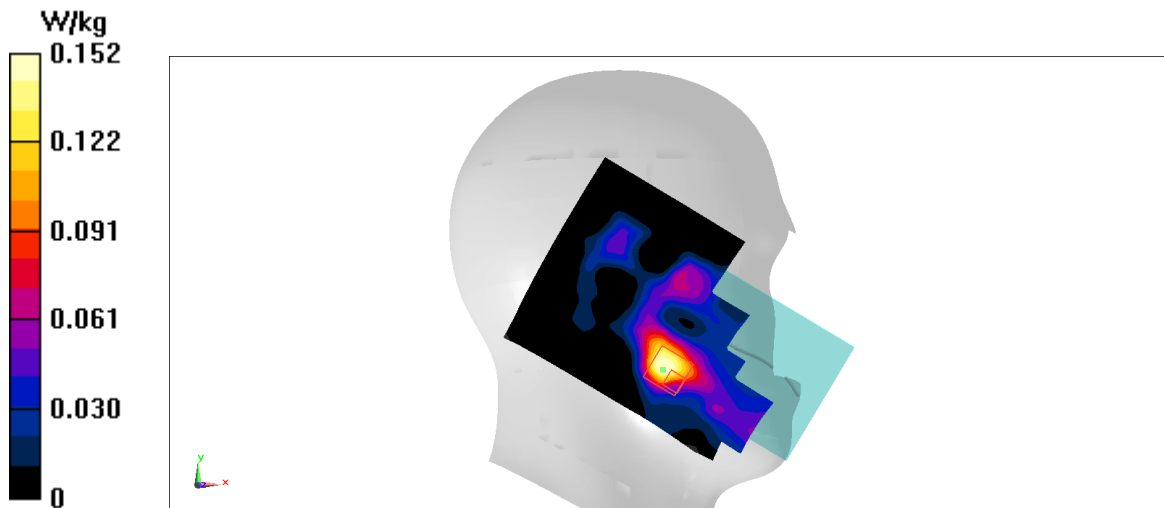
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.840 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.179 W/kg

SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.043 W/kg

Maximum value of SAR (measured) = 0.141 W/kg



# LTE B41 PC2 Body 10mm ANT1

Date: 2/17/2022

Electronics: DAE4 Sn549

Medium: H2600

Medium parameters used:  $f = 2680$  MHz;  $\sigma = 2.153$  S/m;  $\epsilon_r = 40.28$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band41 (0) Frequency: 2680 MHz Duty Cycle: 1:2.30887

Probe: EX3DV4 - SN7600 ConvF(7.62, 7.62, 7.62)

Area Scan (51x121x1): Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 1.26 W/kg

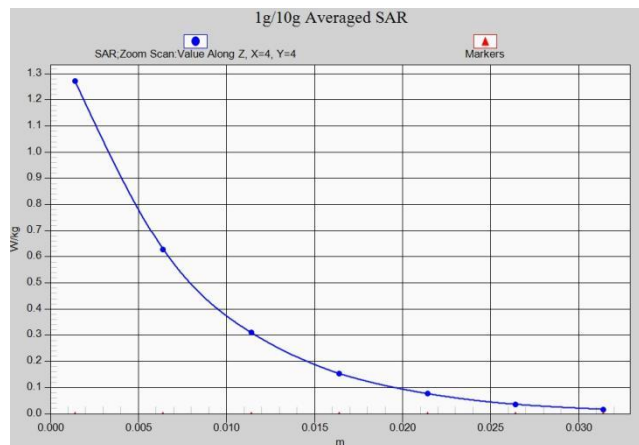
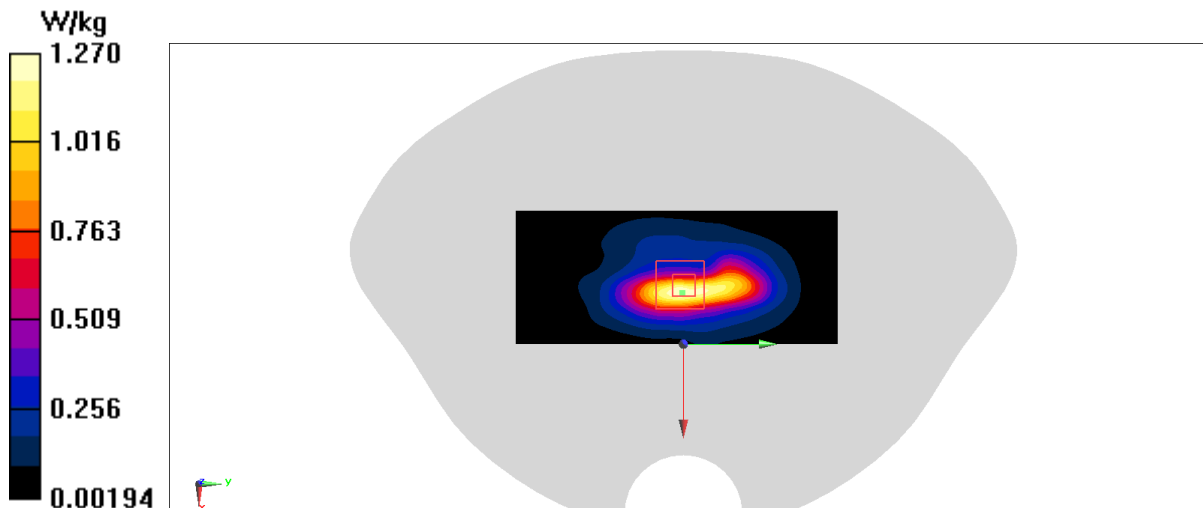
Zoom Scan (7x7x7)/Cube 0: Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 26.38 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 0.801 W/kg; SAR(10 g) = 0.369 W/kg

Maximum value of SAR (measured) = 1.27 W/kg



# LTE B41 PC2 Body 15mm ANT1

Date: 2/17/2022

Electronics: DAE4 Sn549

Medium: H2600

Medium parameters used (interpolated):  $f = 2636.5$  MHz;  $\sigma = 2.115$  S/m;  $\epsilon_r = 40.39$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band41 (0) Frequency: 2636.5 MHz Duty Cycle: 1:2.30887

Probe: EX3DV4 - SN7600 ConvF(7.62, 7.62, 7.62)

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

Maximum value of SAR (interpolated) = 0.381 W/kg

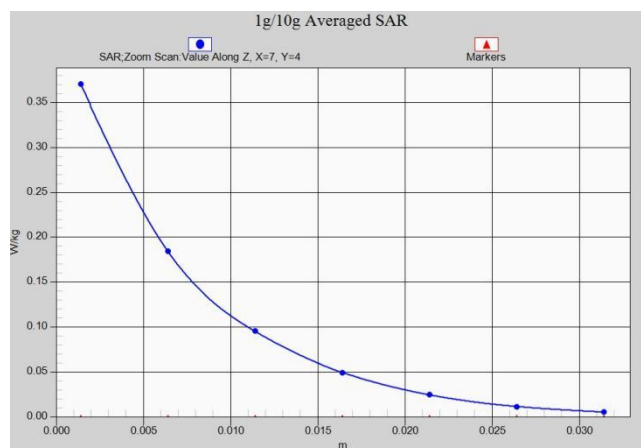
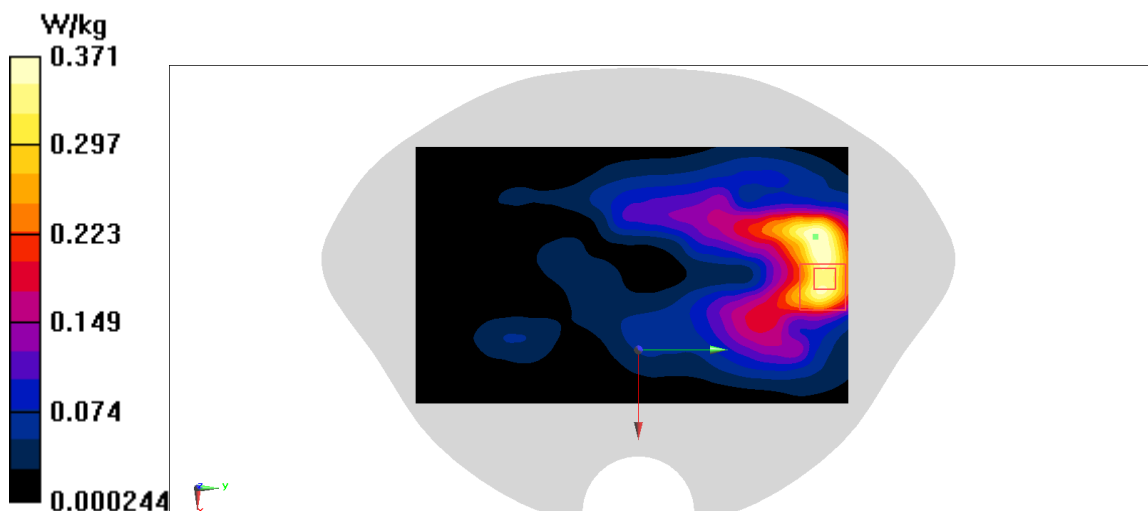
Zoom Scan (12x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.321 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.496 W/kg

SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.118 W/kg

Maximum value of SAR (measured) = 0.371 W/kg



## LTE B41 PC3 Head ANT1

Date: 2/17/2022

Electronics: DAE4 Sn549

Medium: H2600

Medium parameters used:  $f = 2550$  MHz;  $\sigma = 2.127$  S/m;  $\epsilon_r = 40.36$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band41 (0) Frequency: 2549.5 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7600 ConvF(7.62, 7.62, 7.62)

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

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

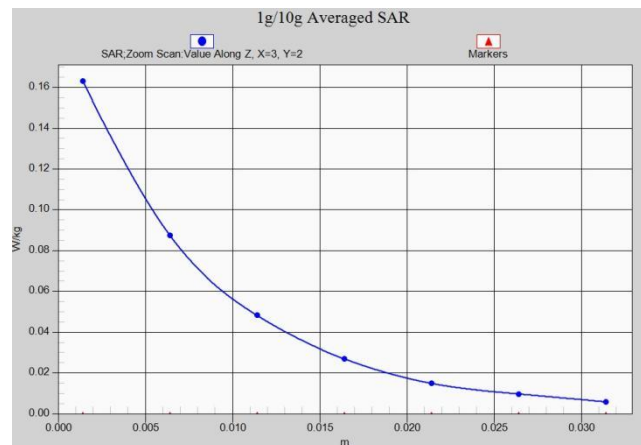
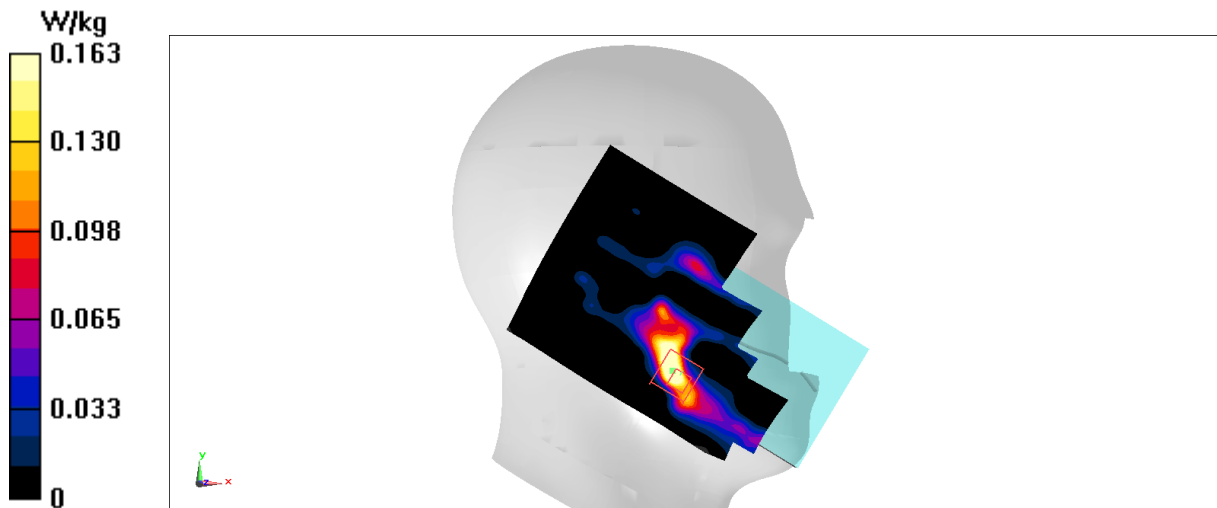
Zoom Scan (7x7x7)/Cube 0: Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 1.361 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.278 W/kg

SAR(1 g) = 0.096 W/kg; SAR(10 g) = 0.036 W/kg

Maximum value of SAR (measured) = 0.163 W/kg



# LTE B41 PC3 Body 10mm ANT1

Date: 2/17/2022

Electronics: DAE4 Sn549

Medium: H2600

Medium parameters used:  $f = 2680$  MHz;  $\sigma = 2.153$  S/m;  $\epsilon_r = 40.28$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band41 (0) Frequency: 2680 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7600 ConvF(7.62, 7.62, 7.62)

Area Scan (51x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

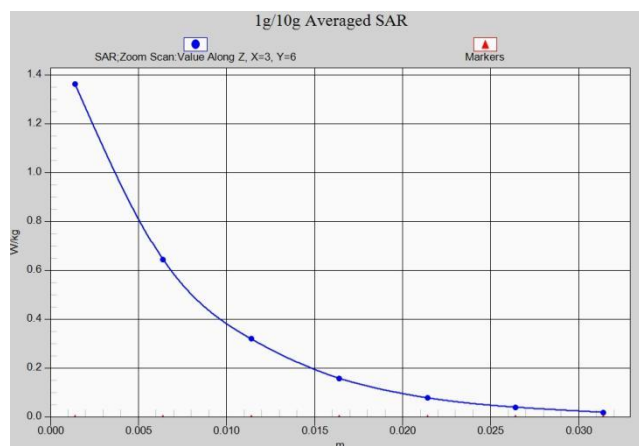
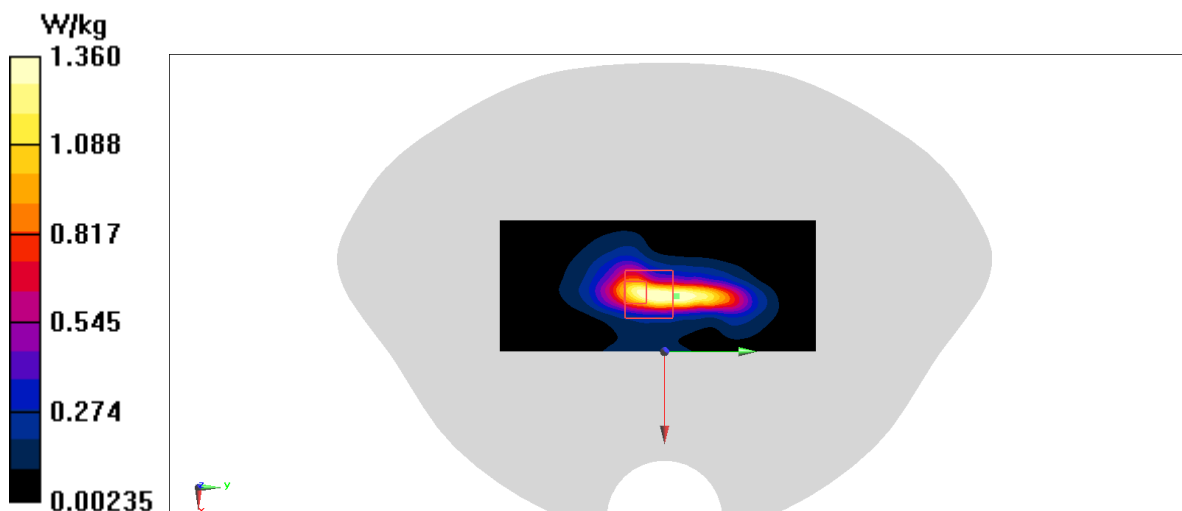
Zoom Scan (7x9x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.15 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 0.659 W/kg; SAR(10 g) = 0.314 W/kg

Maximum value of SAR (measured) = 1.36 W/kg



# LTE B41 PC3 Body 15mm ANT1

Date: 2/17/2022

Electronics: DAE4 Sn549

Medium: H2600

Medium parameters used (interpolated):  $f = 2636.5$  MHz;  $\sigma = 2.115$  S/m;  $\epsilon_r = 40.39$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band41 (0) Frequency: 2636.5 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7600 ConvF(7.62, 7.62, 7.62)

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

Maximum value of SAR (interpolated) = 0.441 W/kg

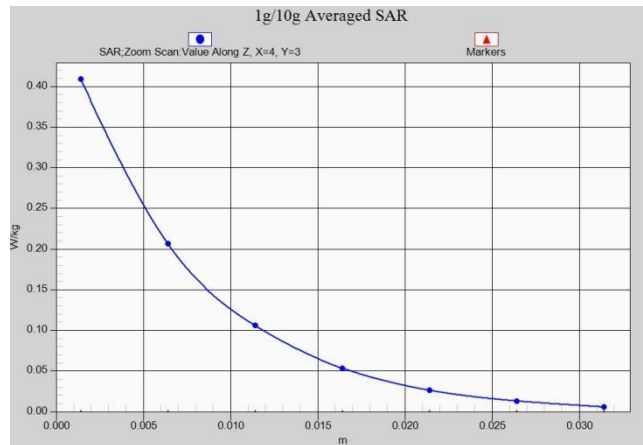
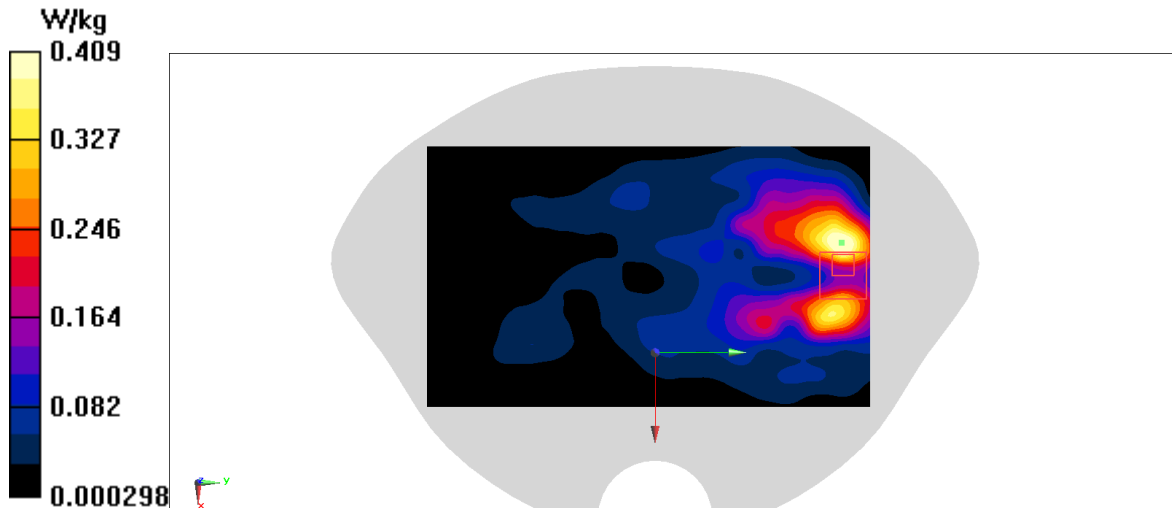
Zoom Scan (10x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.516 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.512 W/kg

SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.121 W/kg

Maximum value of SAR (measured) = 0.409 W/kg





# LTE B66 Head ANT1

Date: 3/6/2022

Electronics: DAE4 Sn549

Medium: H1750

Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.369$  S/m;  $\epsilon_r = 42.32$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band66 (0) Frequency: 1720 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(8.93, 8.93, 8.93)

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

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

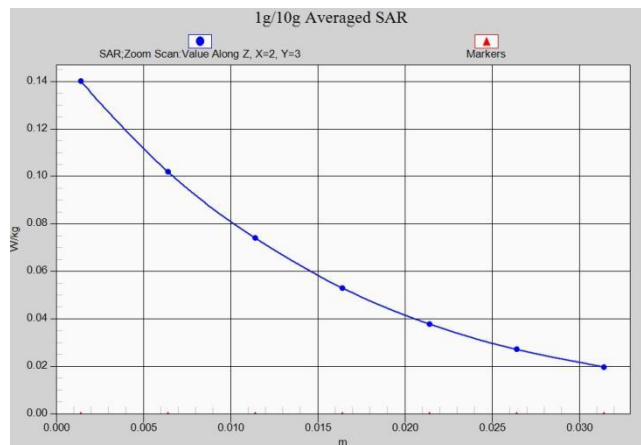
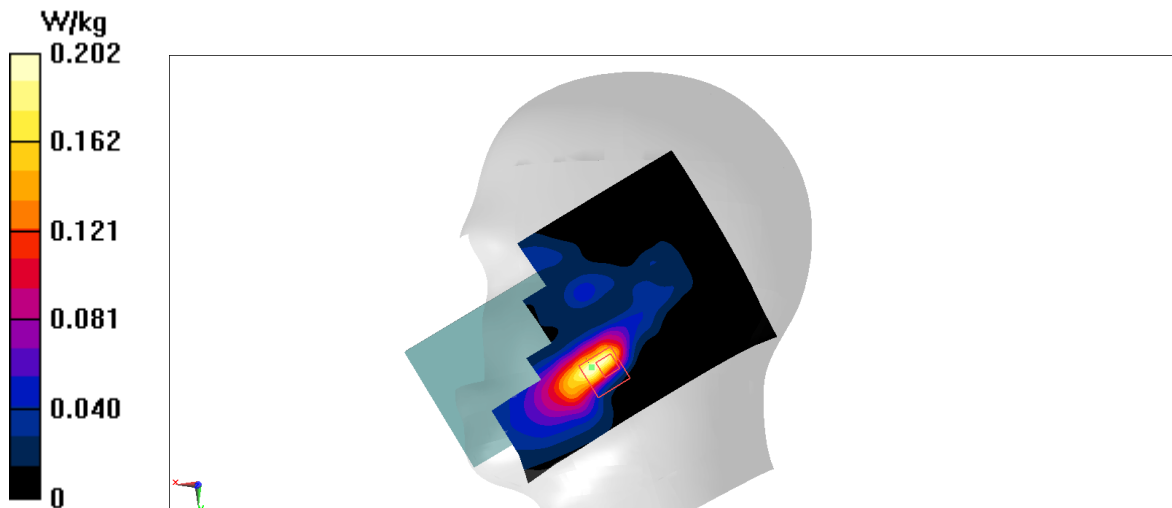
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.208 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.181 W/kg

SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.051 W/kg

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



# LTE B66 Body 10mm ANT1

Date: 3/6/2022

Electronics: DAE4 Sn549

Medium: H1750

Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.369$  S/m;  $\epsilon_r = 42.32$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band66 (0) Frequency: 1720 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(8.93, 8.93, 8.93)

Area Scan (51x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

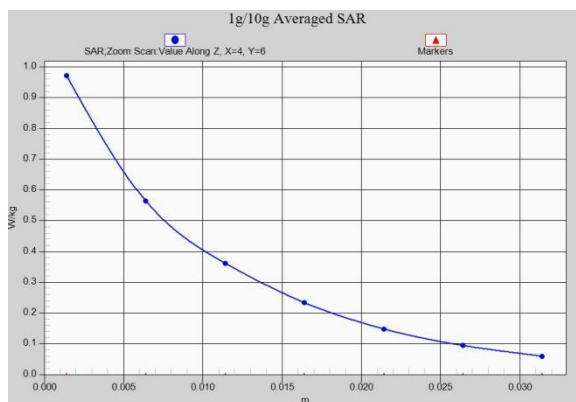
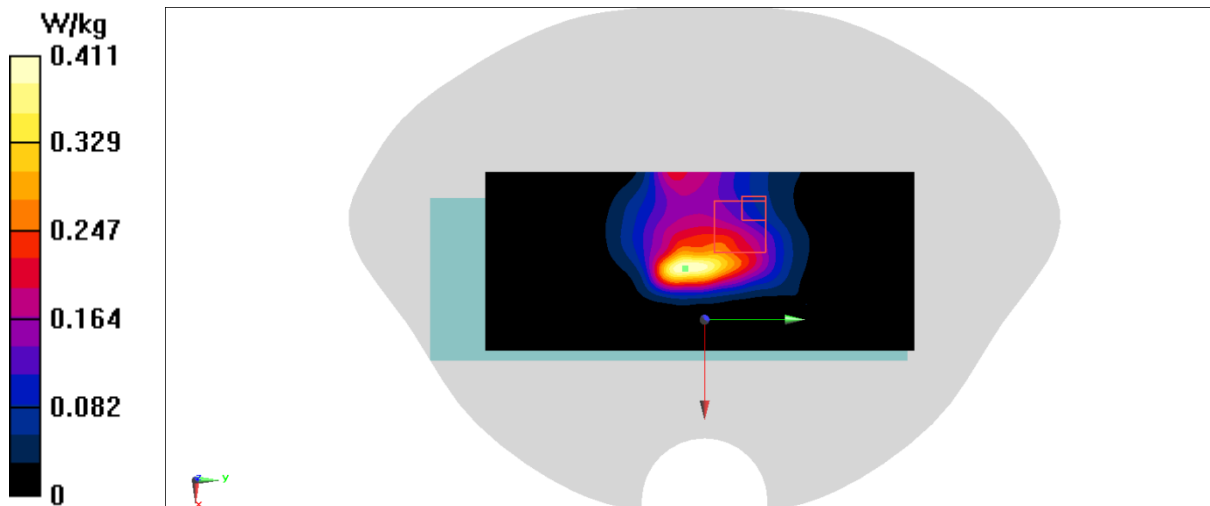
Zoom Scan (9x10x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.463 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.475 W/kg; SAR(10 g) = 0.232 W/kg

Maximum value of SAR (measured) = 0.971 W/kg



# LTE B66 Body 15mm ANT1

Date: 3/6/2022

Electronics: DAE4 Sn549

Medium: H1750

Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.369$  S/m;  $\epsilon_r = 42.32$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band66 (0) Frequency: 1720 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7600 ConvF(8.93, 8.93, 8.93)

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

Maximum value of SAR (interpolated) = 0.515 W/kg

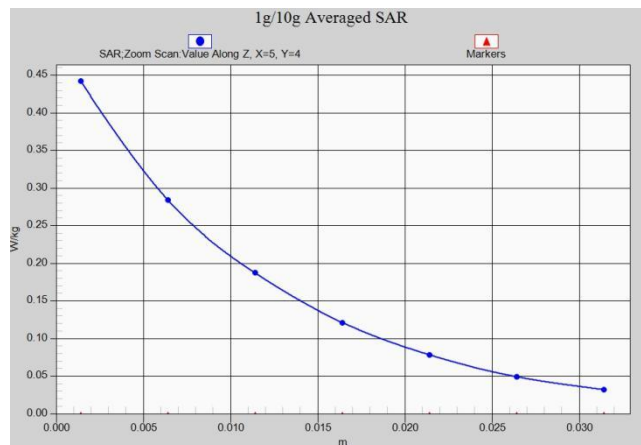
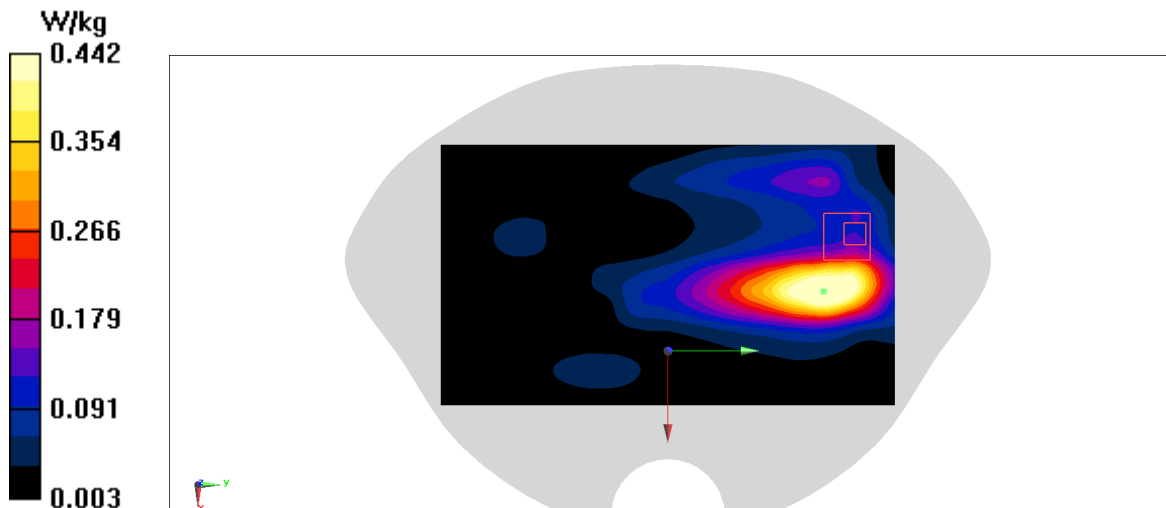
Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.649 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.536 W/kg

SAR(1 g) = 0.339 W/kg; SAR(10 g) = 0.205 W/kg

Maximum value of SAR (measured) = 0.442 W/kg



## GSM850 Head ANT3

Date: 3/3/2022

Electronics: DAE4 Sn1588

Medium: H850

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.864$  S/m;  $\epsilon_r = 44.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, GSM850 (0) Frequency: 848.8 MHz Duty Cycle: 1:4

Probe: EX3DV4 - SN3846 ConvF(10, 10, 10)

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

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

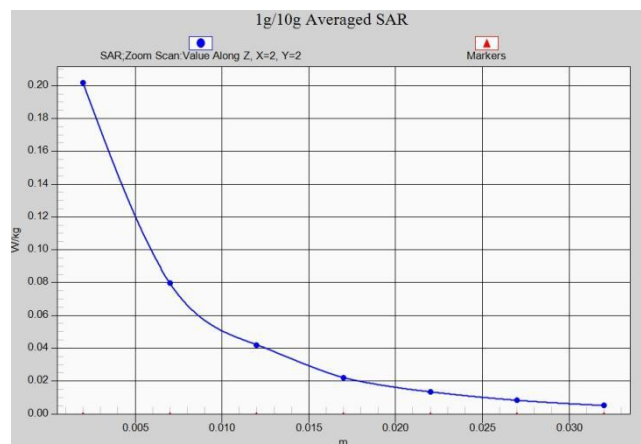
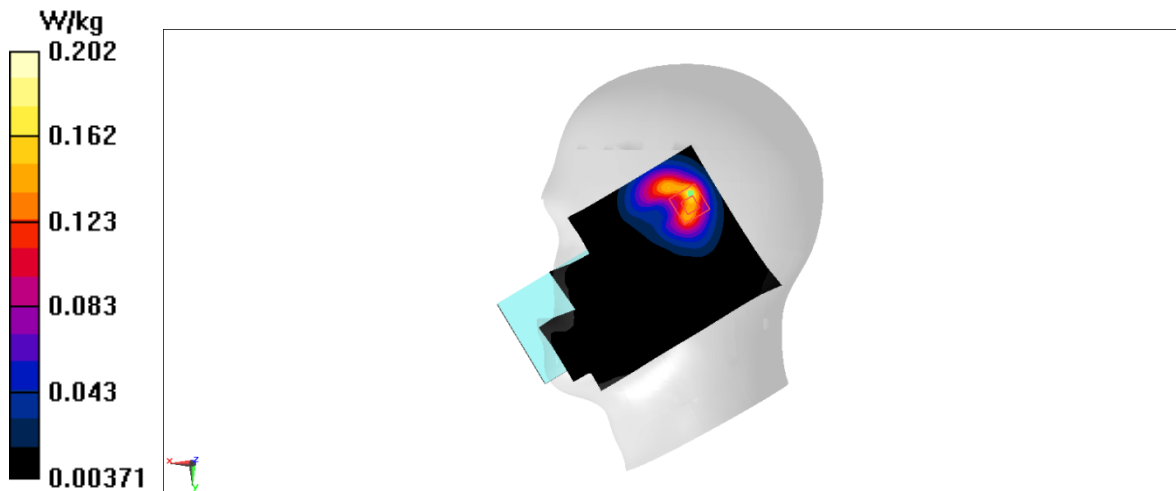
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.477 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.307 W/kg

SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.063 W/kg

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



# GSM850 Body10mm ANT3

Date: 3/3/2022

Electronics: DAE4 Sn1588

Medium: H835

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.864$  S/m;  $\epsilon_r = 44.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, GSM850 (0) Frequency: 848.8 MHz Duty Cycle: 1:8.30042

Probe: EX3DV4 - SN3846 ConvF(10, 10, 10)

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

Maximum value of SAR (interpolated) = 0.0474 W/kg

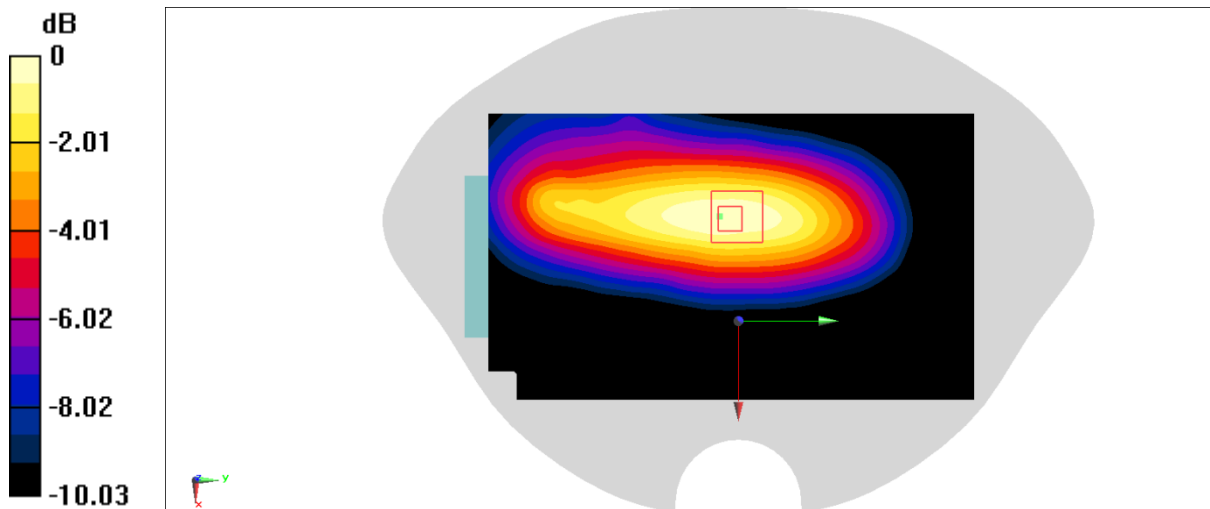
Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.515 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.0570 W/kg

SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.023 W/kg

Maximum value of SAR (measured) = 0.0481 W/kg



0 dB = 0.0481 W/kg = -13.18 dBW/kg



# GSM850 Body15mm ANT3

Date: 3/3/2022

Electronics: DAE4 Sn1588

Medium: H835

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.864$  S/m;  $\epsilon_r = 44.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, GSM850 3TX (0) Frequency: 848.8 MHz Duty Cycle: 1:2.66993

Probe: EX3DV4 - SN3846 ConvF(10, 10, 10)

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

Maximum value of SAR (interpolated) = 0.0270 W/kg

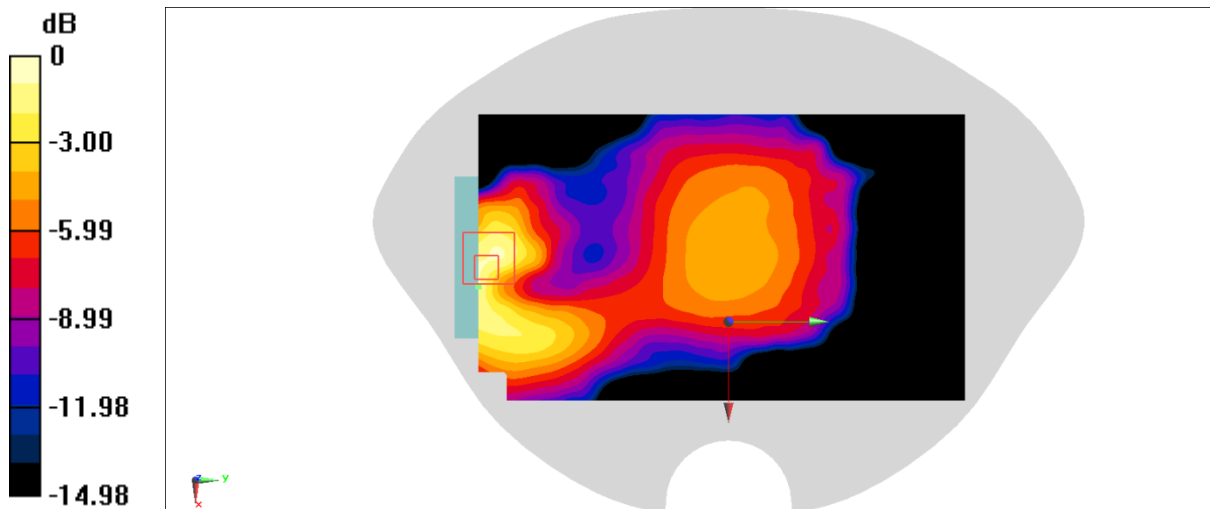
Zoom Scan (9x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.449 V/m; Power Drift = -0.1 dB

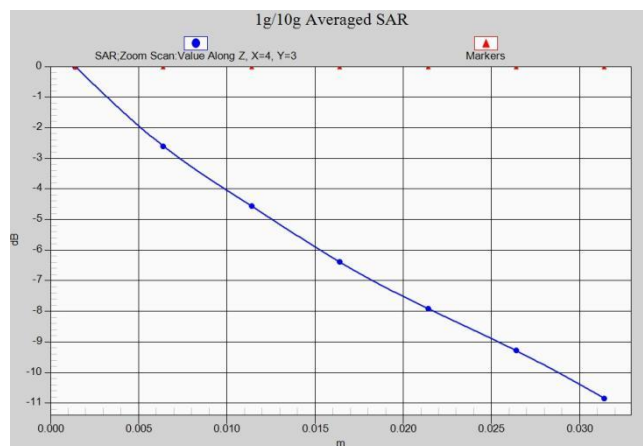
Peak SAR (extrapolated) = 0.0400 W/kg

SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.013 W/kg

Maximum value of SAR (measured) = 0.0325 W/kg



0 dB = 0.0325 W/kg = -14.88 dBW/kg



## GSM1900 Head ANT2

Date: 3/1/2022

Electronics: DAE4 Sn1588

Medium: H1900

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.488$  S/m;  $\epsilon_r = 41.93$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, GSM1900 (PCS) (0) Frequency: 1909.8 MHz Duty Cycle: 1:2.66993

Probe: EX3DV4 – SN3846 ConvF(7.96, 7.96, 7.96)

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

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

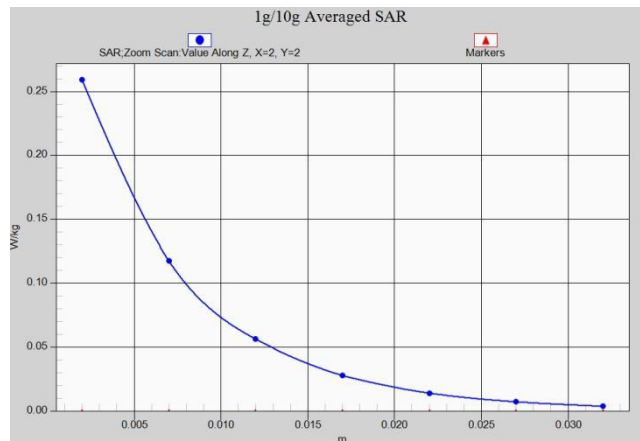
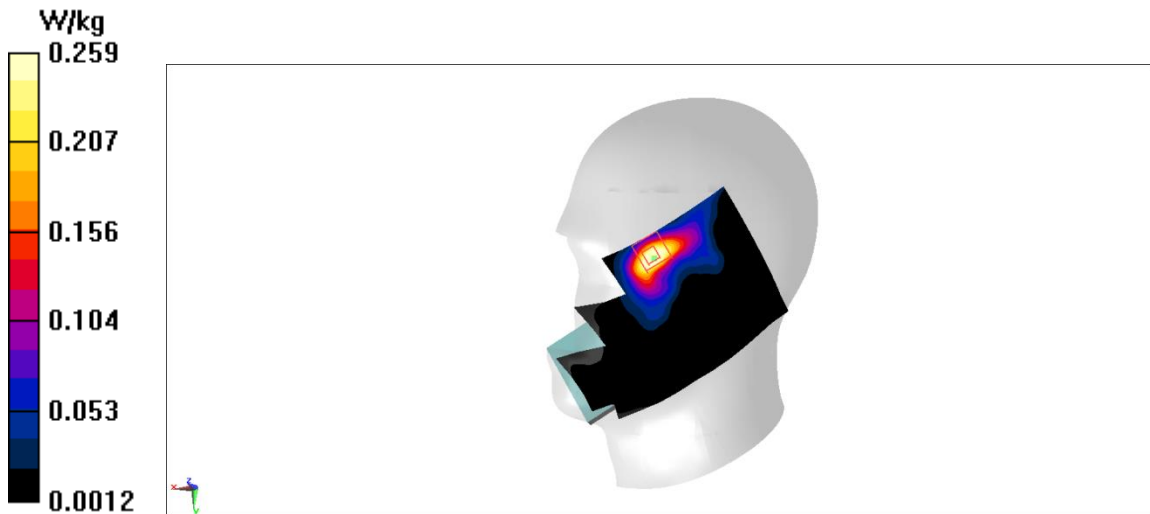
Zoom Scan (5x5x7)/Cube 0: Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 2.936 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.358 W/kg

SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.084 W/kg

Maximum value of SAR (measured) = 0.259 W/kg



## GSM1900 Body 10mm ANT2

Date: 3/1/2022

Electronics: DAE4 Sn1588

Medium: H1900

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.488$  S/m;  $\epsilon_r = 41.93$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, GSM1900 (PCS) (0) Frequency: 1909.8 MHz Duty Cycle: 1:2.66993

Probe: EX3DV4 – SN3846 ConvF(7.96, 7.96, 7.96)

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

Maximum value of SAR (interpolated) = 0.184 W/kg

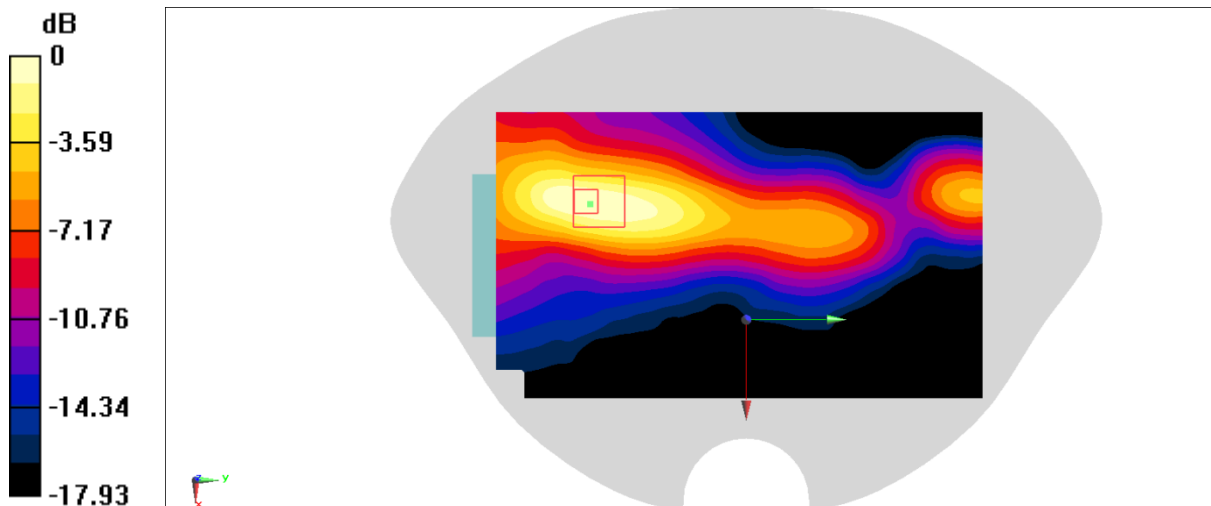
Zoom Scan (7x7x7)/Cube 0: Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.985 V/m; Power Drift = -0.18 dB

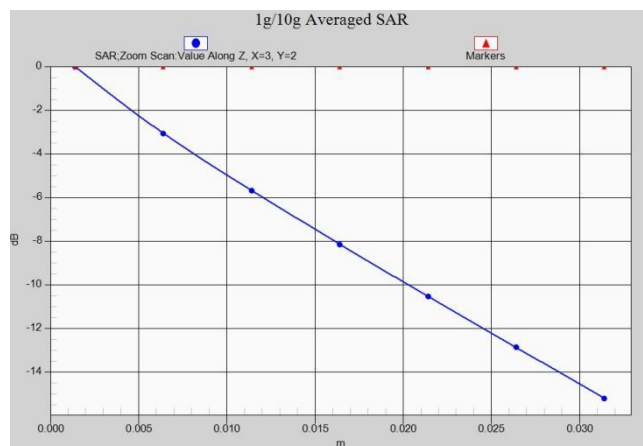
Peak SAR (extrapolated) = 0.233 W/kg

SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.064 W/kg

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



$$0 \text{ dB} = 0.187 \text{ W/kg} = -7.28 \text{ dBW/kg}$$





## GSM1900 Body 15mm ANT2

Date: 3/1/2022

Electronics: DAE4 Sn1588

Medium: H1900

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.467$  S/m;  $\epsilon_r = 42$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, GSM1900 (PCS) (0) Frequency: 1880 MHz Duty Cycle: 1:2.66993

Probe: EX3DV4 – SN3846 ConvF(7.96, 7.96, 7.96)

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

Maximum value of SAR (interpolated) = 0.0851 W/kg

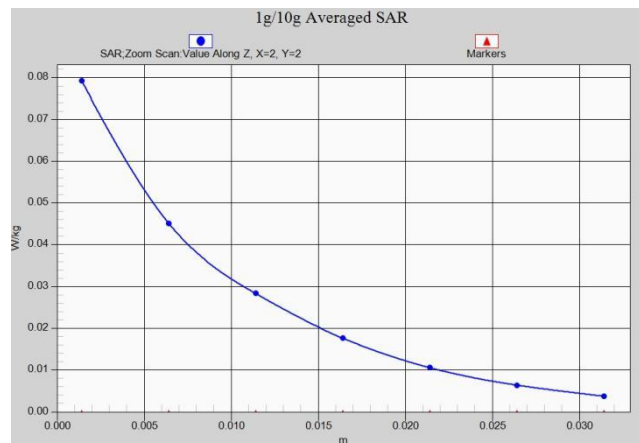
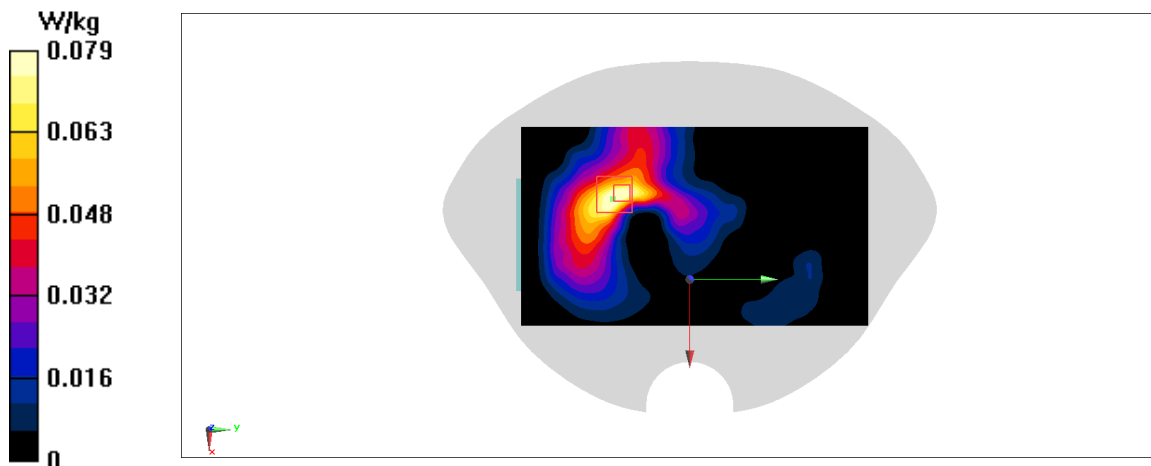
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.584 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.0990 W/kg

SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.031 W/kg

Maximum value of SAR (measured) = 0.0793 W/kg



## W850 Head ANT3

Date: 3/3/2022

Electronics: DAE4 Sn1588

Medium: H850

Medium parameters used (interpolated):  $f = 846.6$  MHz;  $\sigma = 0.862$  S/m;  $\epsilon_r = 44.62$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, WCDMA850(B5) (0) Frequency: 846.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3846 ConvF(10, 10, 10)

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

Maximum value of SAR (interpolated) = 0.693 W/kg

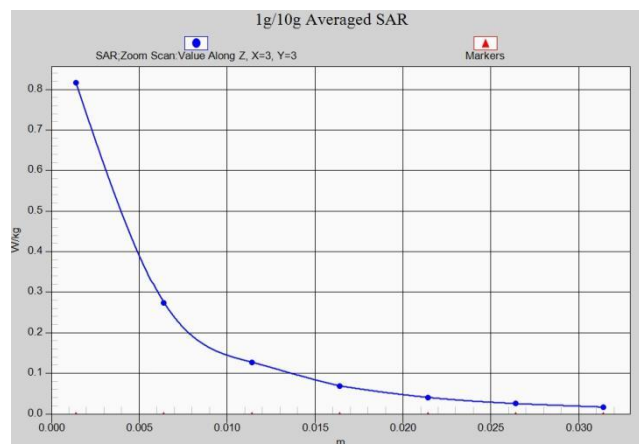
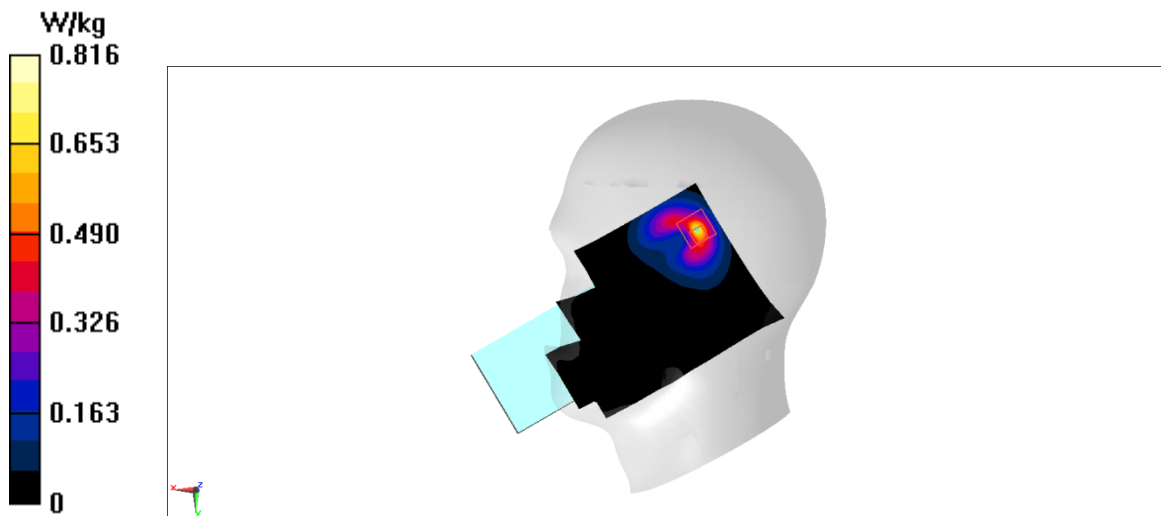
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.44 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.475 W/kg; SAR(10 g) = 0.194 W/kg

Maximum value of SAR (measured) = 0.816 W/kg



# W850 Body 10mm ANT3

Date: 3/3/2022

Electronics: DAE4 Sn1588

Medium: H850

Medium parameters used (interpolated):  $f = 846.6$  MHz;  $\sigma = 0.862$  S/m;  $\epsilon_r = 44.62$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, WCDMA850(B5) (0) Frequency: 846.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3846 ConvF(10, 10, 10)

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

Maximum value of SAR (interpolated) = 0.100 W/kg

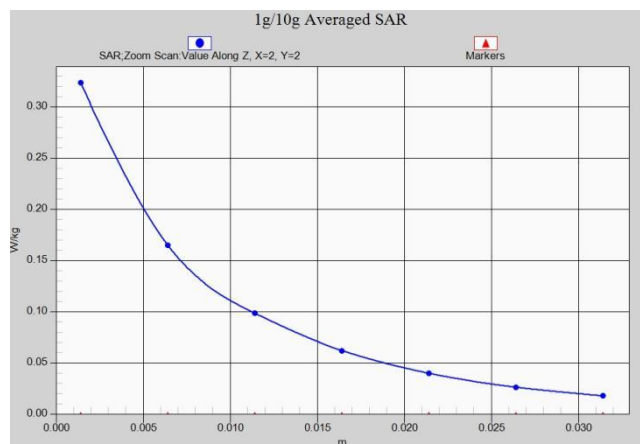
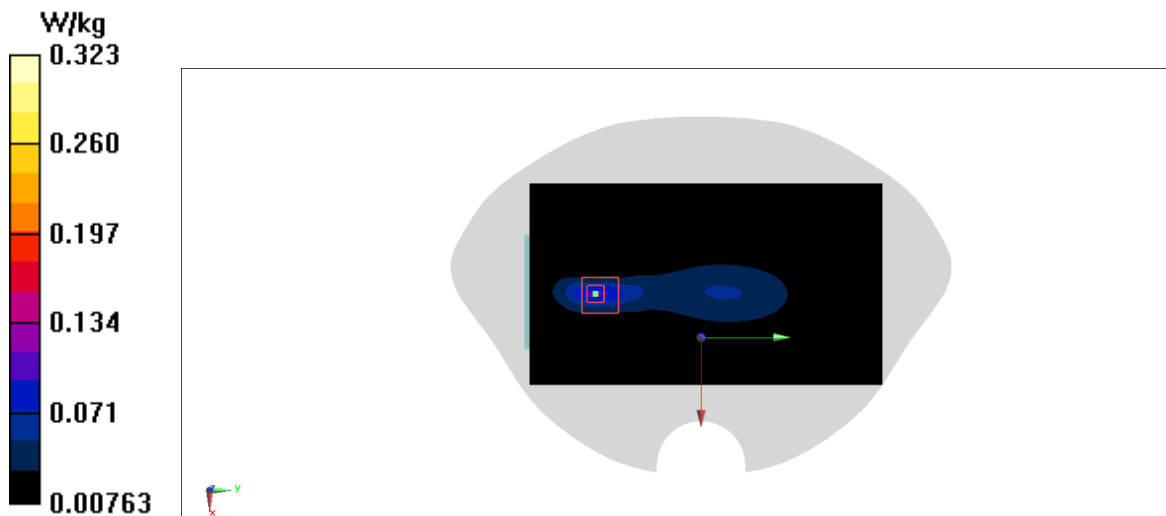
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.889 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.412 W/kg

SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.106 W/kg

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



## W850 Body 15mm ANT2

Date: 3/3/2022

Electronics: DAE4 Sn1588

Medium: H850

Medium parameters used (interpolated):  $f = 846.6$  MHz;  $\sigma = 0.862$  S/m;  $\epsilon_r = 44.62$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, WCDMA850(B5) (0) Frequency: 846.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3846 ConvF(10, 10, 10)

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

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

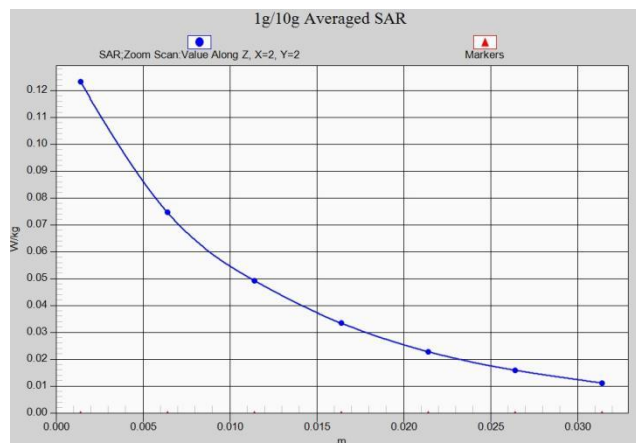
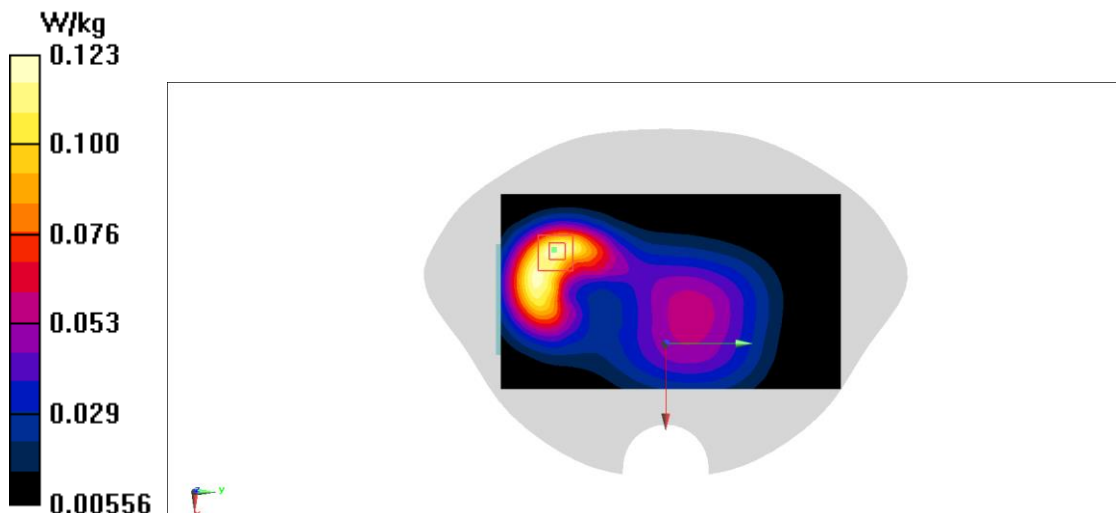
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.183 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.152 W/kg

SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.055 W/kg

Maximum value of SAR (measured) = 0.123 W/kg



## W1700 Head ANT2

Date: 3/2/2022

Electronics: DAE4 Sn1588

Medium: H1750

Medium parameters used (interpolated):  $f = 1752.6$  MHz;  $\sigma = 1.376$  S/m;  $\epsilon_r = 42.32$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, WCDMA1700(B4) (0) Frequency: 1752.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3846 ConvF(8.22, 8.22, 8.22)

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

Maximum value of SAR (interpolated) = 0.719 W/kg

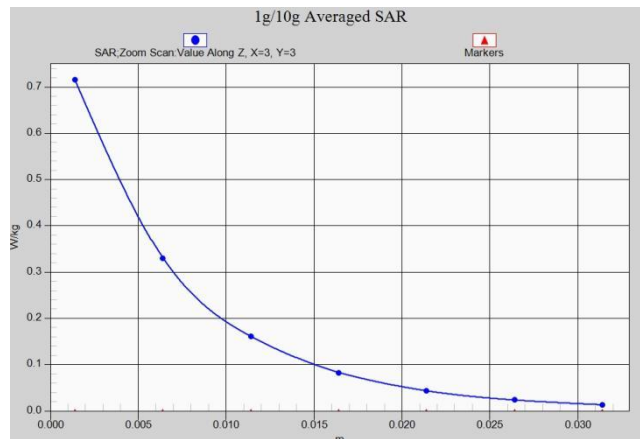
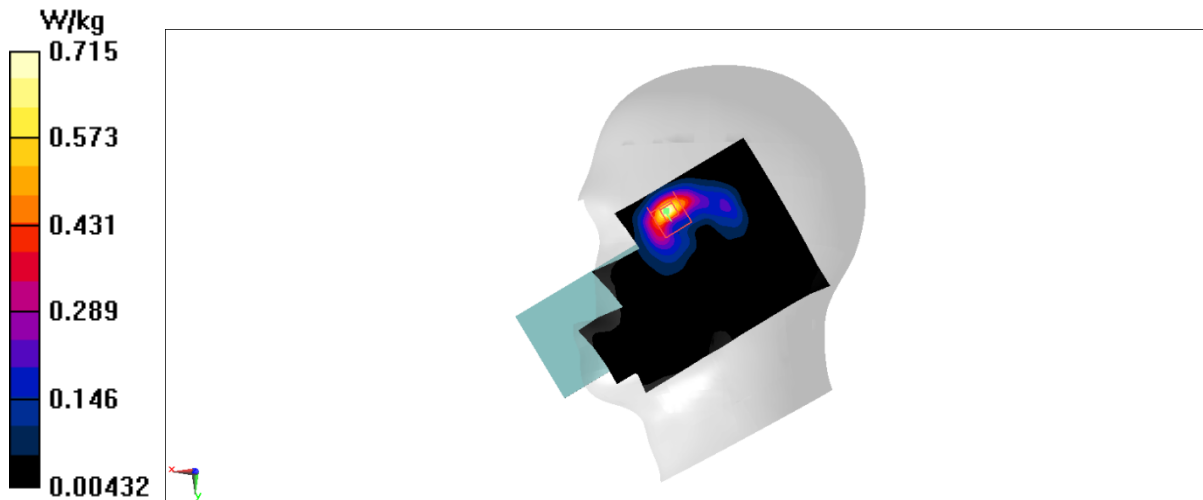
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.598 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.880 W/kg

SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.184 W/kg

Maximum value of SAR (measured) = 0.715 W/kg



## W1700 Body 10mm ANT2

Date: 3/2/2022

Electronics: DAE4 Sn1588

Medium: H1750

Medium parameters used (interpolated):  $f = 1752.6$  MHz;  $\sigma = 1.376$  S/m;  $\epsilon_r = 42.32$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, WCDMA1700(B4) (0) Frequency: 1752.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3846 ConvF(8.22, 8.22, 8.22)

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

Maximum value of SAR (interpolated) = 0.739 W/kg

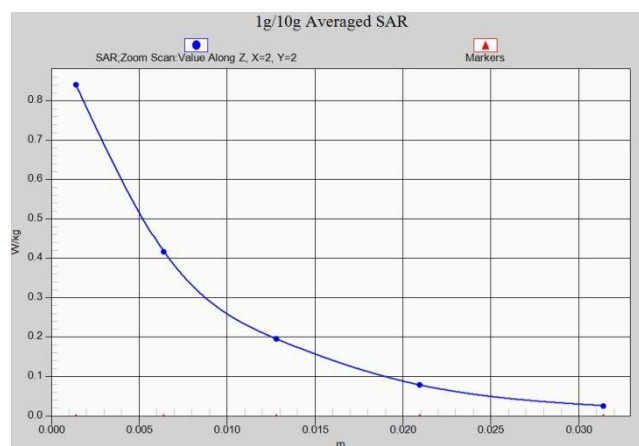
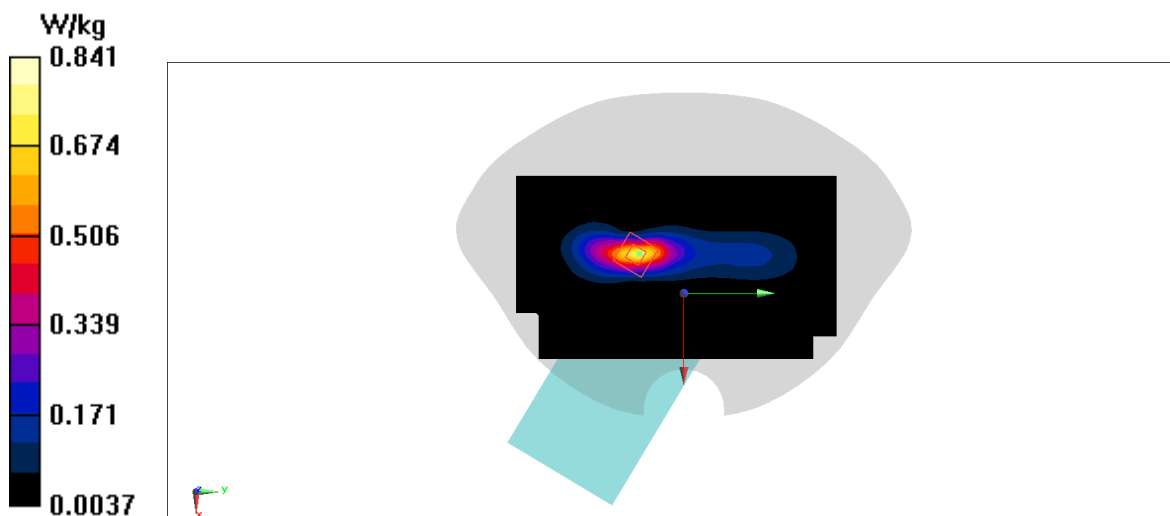
Zoom Scan (5x5x5)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.76 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.497 W/kg; SAR(10 g) = 0.239 W/kg

Maximum value of SAR (measured) = 0.841 W/kg



## W1700 Body 15mm ANT2

Date: 3/2/2022

Electronics: DAE4 Sn1588

Medium: H1750

Medium parameters used (interpolated):  $f = 1752.6$  MHz;  $\sigma = 1.376$  S/m;  $\epsilon_r = 42.32$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, WCDMA1700(B4) (0) Frequency: 1752.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3846 ConvF(8.22, 8.22, 8.22)

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

Maximum value of SAR (interpolated) = 0.207 W/kg

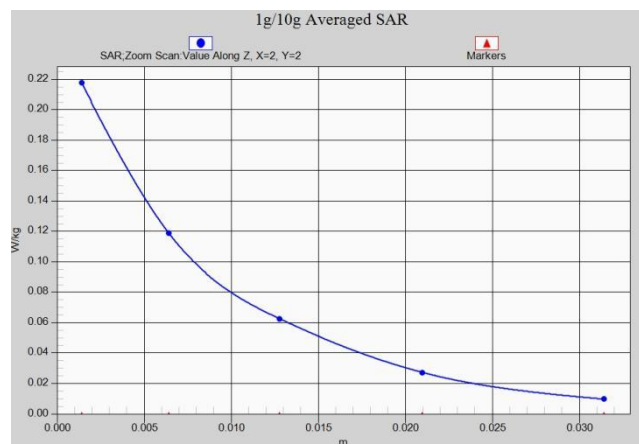
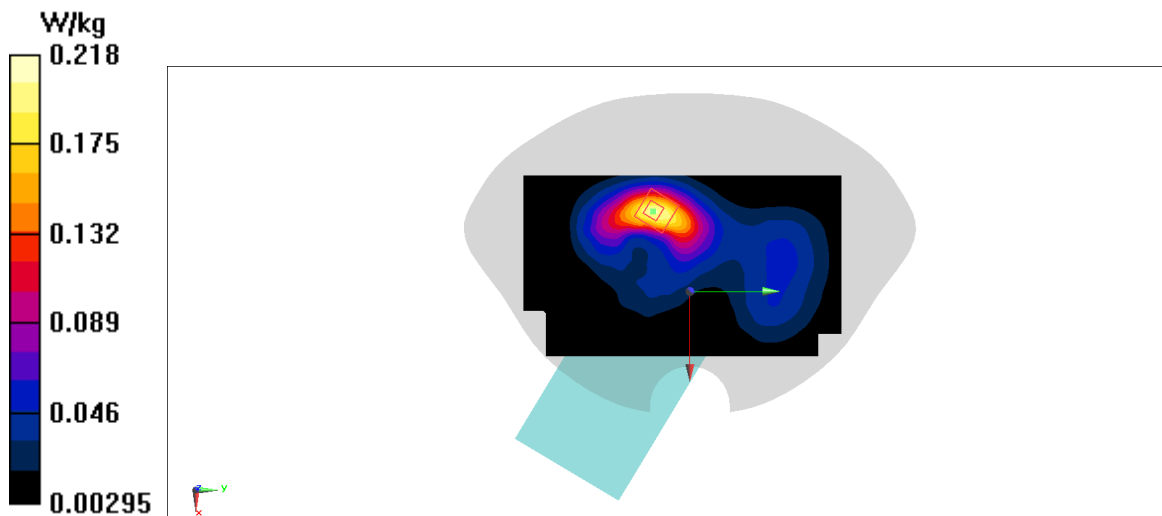
Zoom Scan (5x5x5)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.245 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.264 W/kg

SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.080 W/kg

Maximum value of SAR (measured) = 0.218 W/kg



## W1900 Head ANT2

Date: 3/1/2022

Electronics: DAE4 Sn1588

Medium: H1900

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.467$  S/m;  $\epsilon_r = 42$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, WCDMA1900(B2) (0) Frequency: 1880 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3846 ConvF(7.96, 7.96, 7.96)

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

Maximum value of SAR (interpolated) = 0.853 W/kg

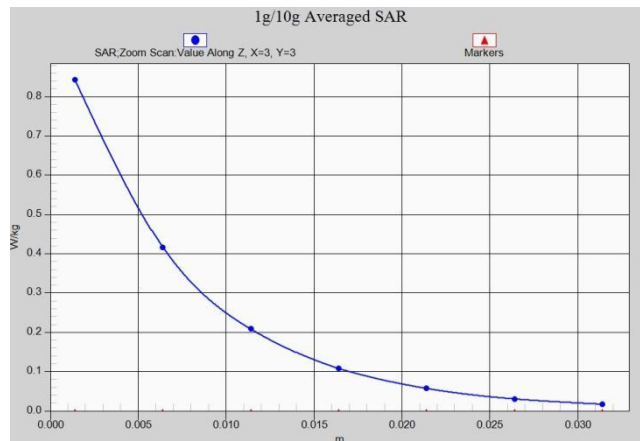
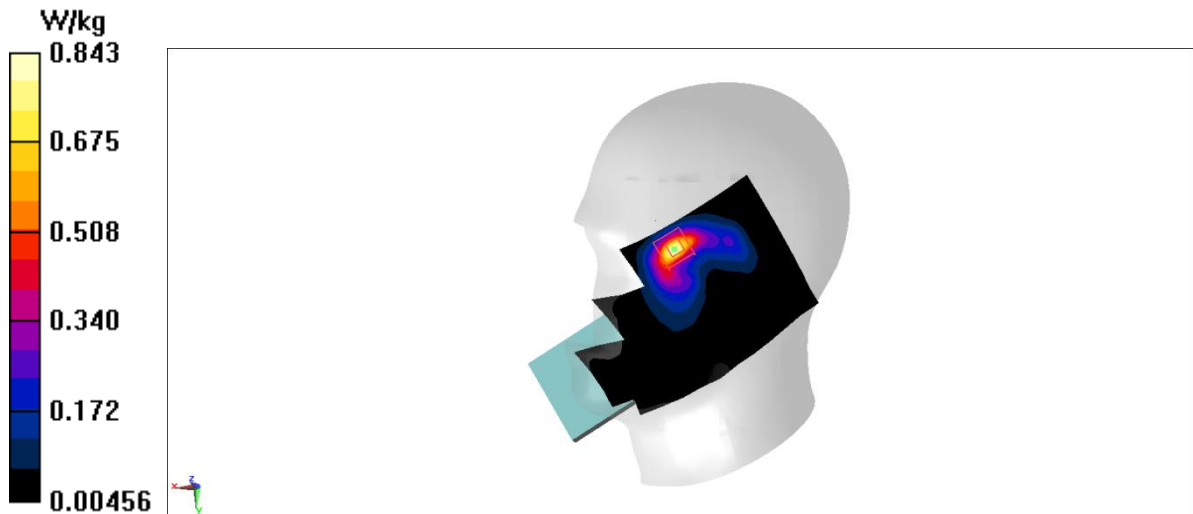
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.901 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.486 W/kg; SAR(10 g) = 0.230 W/kg

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





## W1900 Body 10mm ANT2

Date: 3/1/2022

Electronics: DAE4 Sn1588

Medium: H1900

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.467$  S/m;  $\epsilon_r = 42$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, WCDMA1900(B2) (0) Frequency: 1880 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3846 ConvF(7.96, 7.96, 7.96)

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

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

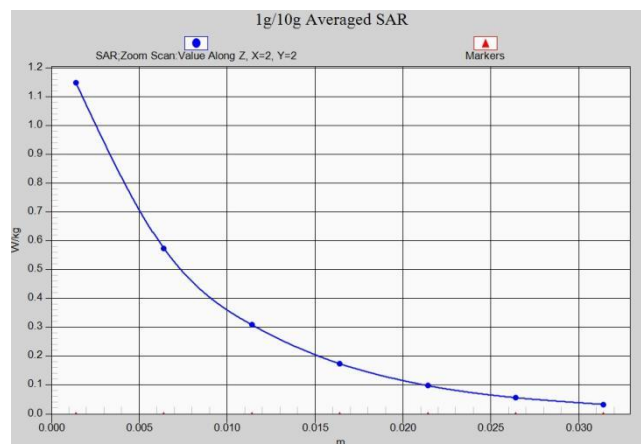
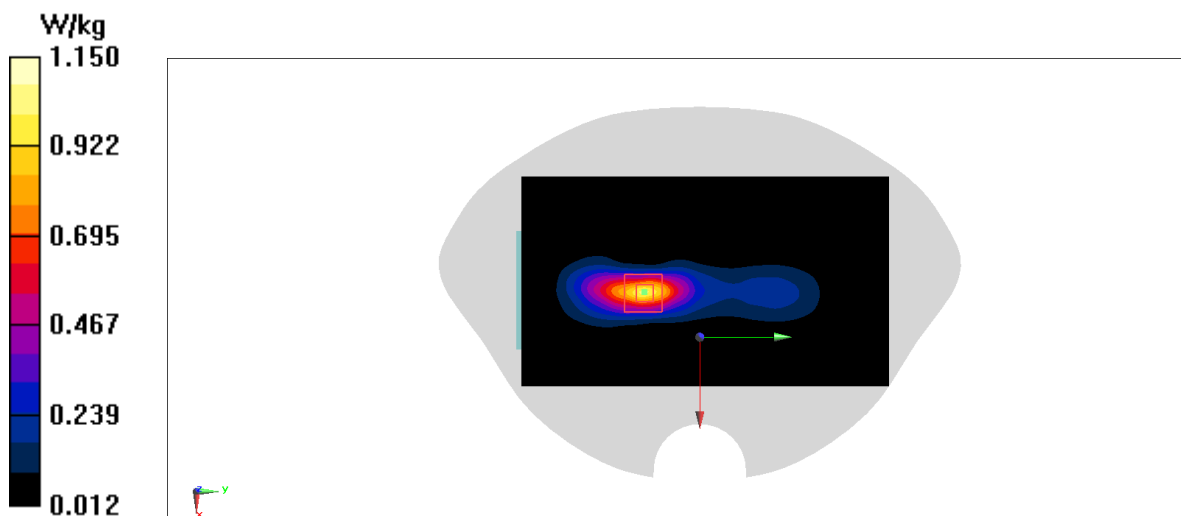
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.749 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.691 W/kg; SAR(10 g) = 0.329 W/kg

Maximum value of SAR (measured) = 1.15 W/kg



## W1900 Body 15mm ANT2

Date: 3/1/2022

Electronics: DAE4 Sn1588

Medium: H1900

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.467$  S/m;  $\epsilon_r = 42$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, WCDMA1900(B2) (0) Frequency: 1880 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3846 ConvF(7.96, 7.96, 7.96)

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

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

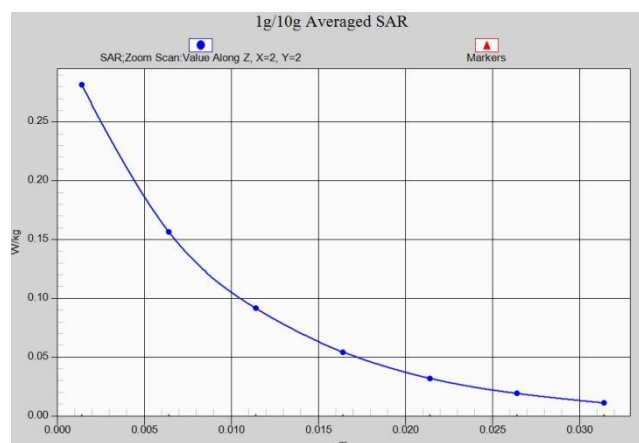
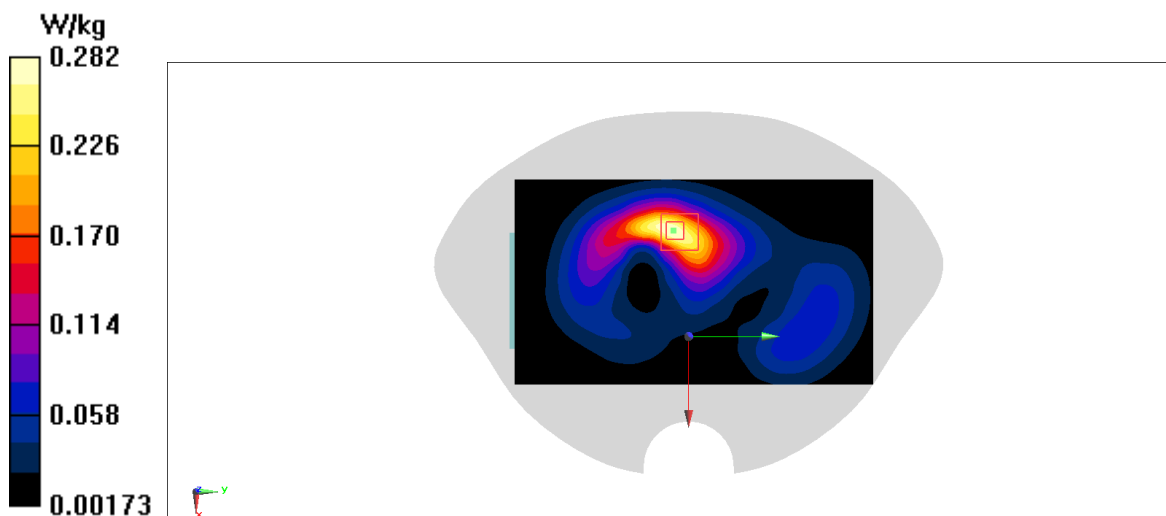
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.066 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.341 W/kg

SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.103 W/kg

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



## LTE B2 Head ANT2

Date: 3/1/2022

Electronics: DAE4 Sn1588

Medium: H1900

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.467$  S/m;  $\epsilon_r = 42$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band2 (0) Frequency: 1880 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3846 ConvF(7.96, 7.96, 7.96)

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

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

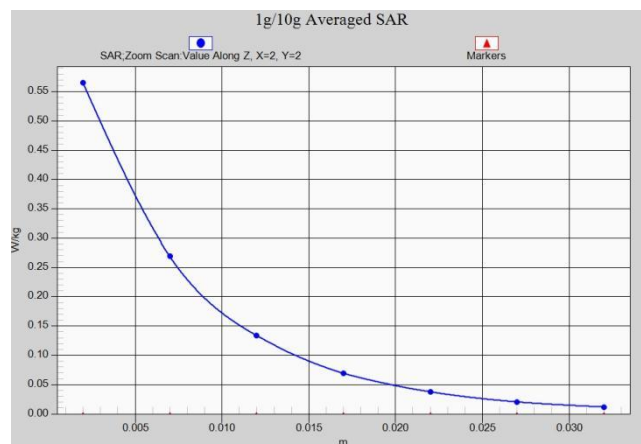
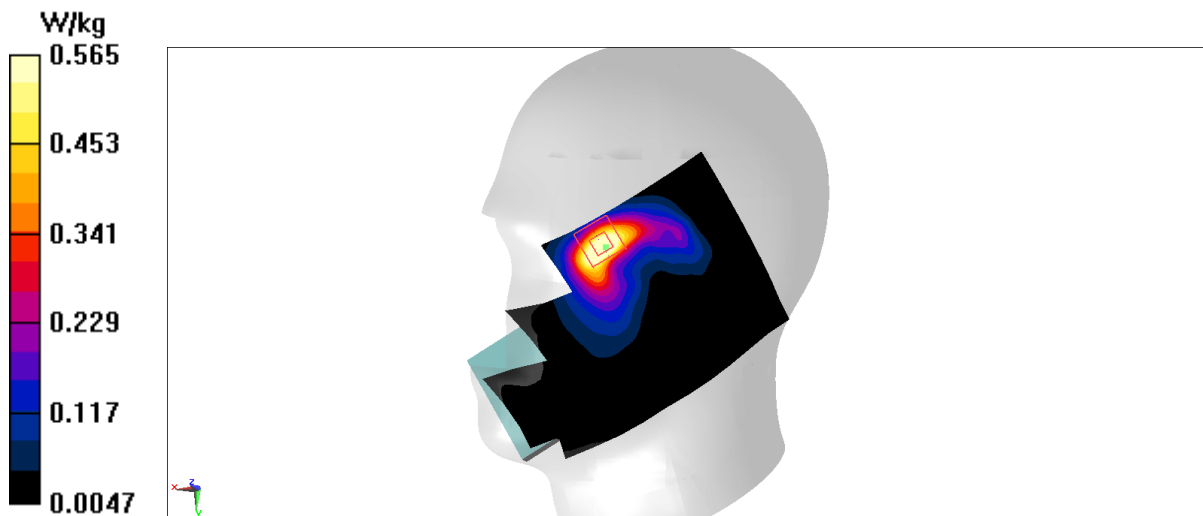
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.498 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.827 W/kg

SAR(1 g) = 0.413 W/kg; SAR(10 g) = 0.196 W/kg

Maximum value of SAR (measured) = 0.565 W/kg



## LTE B2 Body 10mm ANT2

Date: 3/1/2022

Electronics: DAE4 Sn1588

Medium: H1900

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.467$  S/m;  $\epsilon_r = 42$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band2 (0) Frequency: 1880 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3846 ConvF(7.96, 7.96, 7.96)

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

Maximum value of SAR (interpolated) = 0.977 W/kg

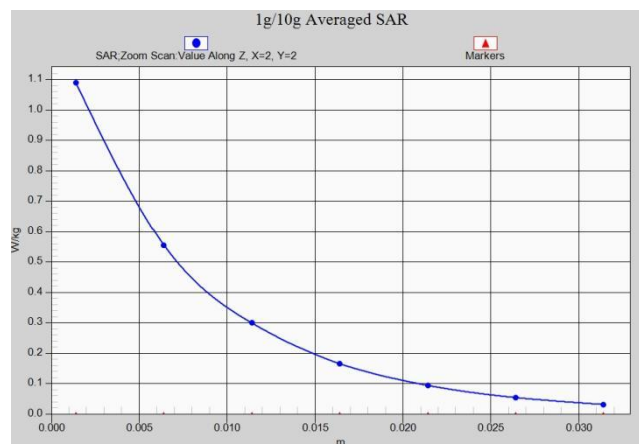
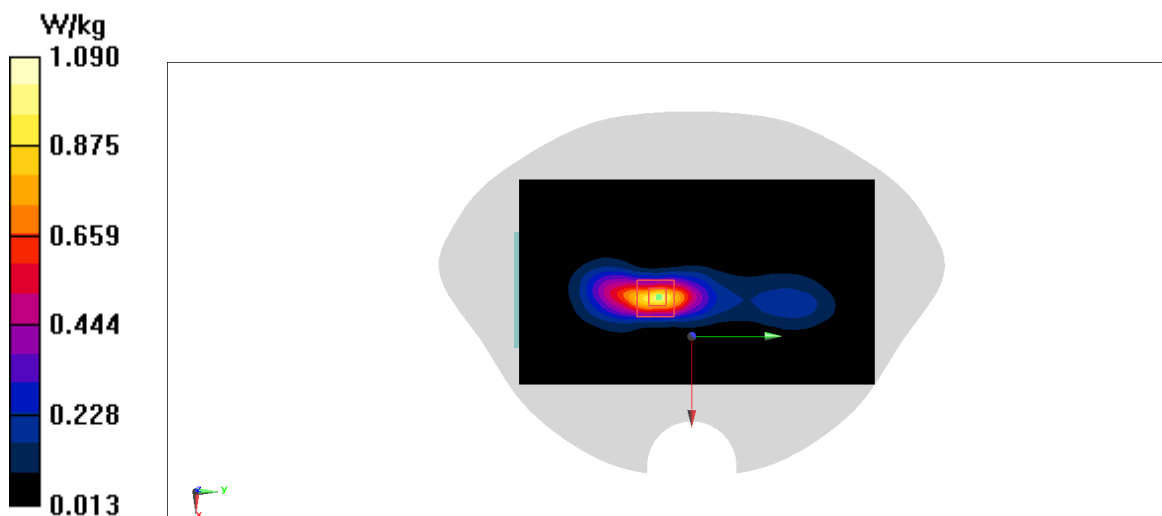
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.89 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.672 W/kg; SAR(10 g) = 0.324 W/kg

Maximum value of SAR (measured) = 1.09 W/kg



## LTE B2 Body 15mm ANT2

Date: 3/1/2022

Electronics: DAE4 Sn1588

Medium: H1900

Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.454$  S/m;  $\epsilon_r = 42.05$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: UID 0, LTE Band2 (0) Frequency: 1860 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3846 ConvF(7.96, 7.96, 7.96)

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

Maximum value of SAR (interpolated) = 0.111 W/kg

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

Reference Value = 4.518 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.137 W/kg

SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.044 W/kg

Maximum value of SAR (measured) = 0.111 W/kg

