

Appendix B. SAR Plots of SAR Measurement

The plots for SAR measurement are shown as follows.

P01 GSM1900_GPRS10_Right Cheek_Ch512**DUT: 121011C15**

Communication System: GPRS10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.00037

Medium: H1900_1011 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.379$ mho/m; $\epsilon_r = 40.564$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.83, 8.83, 8.83); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

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

Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.359 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.177 mW/g

SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.074 mW/g

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

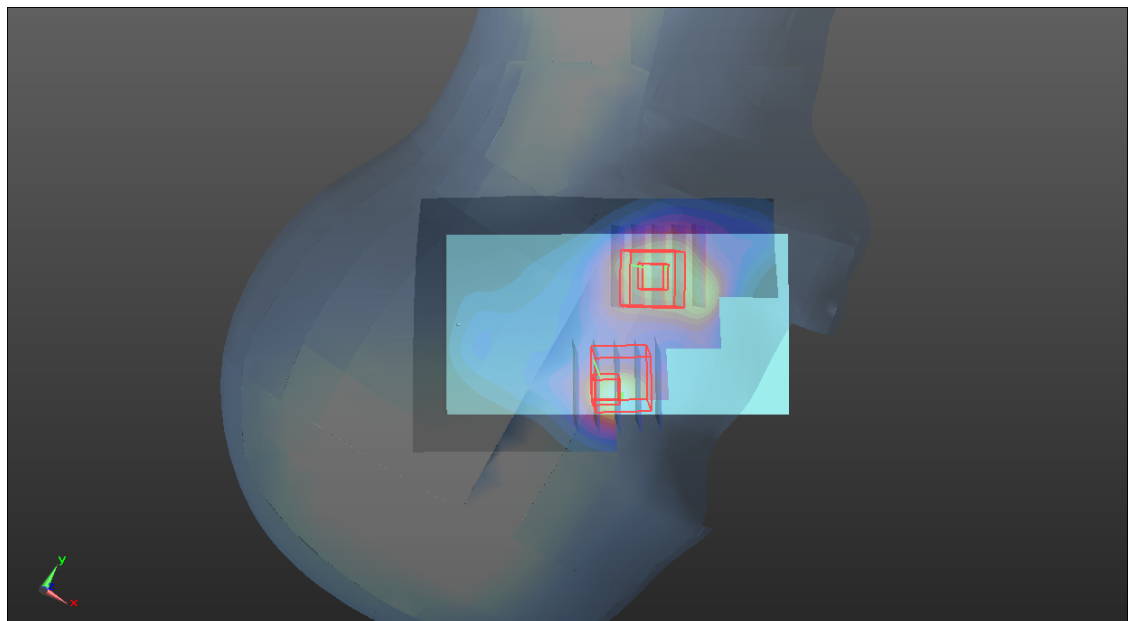
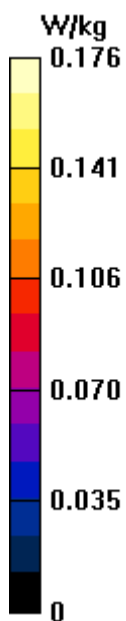
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.359 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.120 mW/g

SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.044 mW/g

Maximum value of SAR (measured) = 0.0913 W/kg



P02 GSM1900_GPRS10_Right Tilted_Ch512**DUT: 121011C15**

Communication System: GPRS10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.00037

Medium: H1900_1011 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.379$ mho/m; $\epsilon_r = 40.564$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.83, 8.83, 8.83); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

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

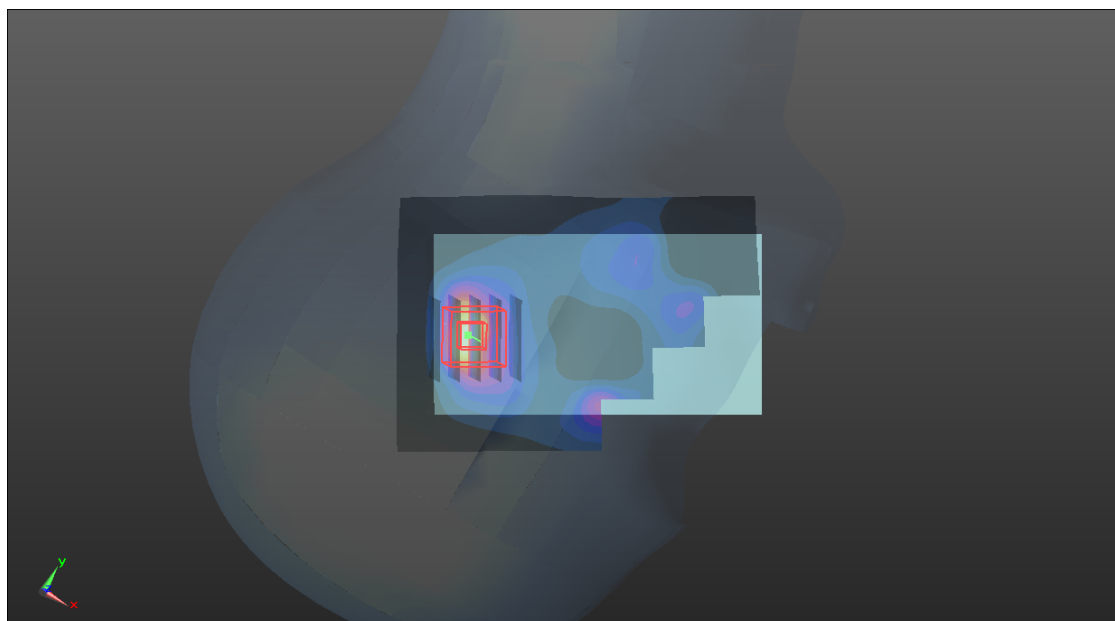
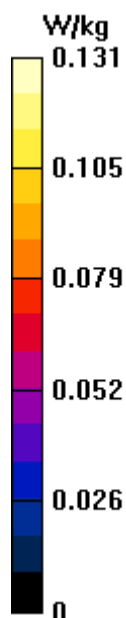
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.394 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.110 mW/g

SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.038 mW/g

Maximum value of SAR (measured) = 0.0905 W/kg



P03 GSM1900_GPRS10_Left Cheek_Ch512**DUT: 121011C15**

Communication System: GPRS10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.00037

Medium: H1900_1011 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.379$ mho/m; $\epsilon_r = 40.564$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.83, 8.83, 8.83); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

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

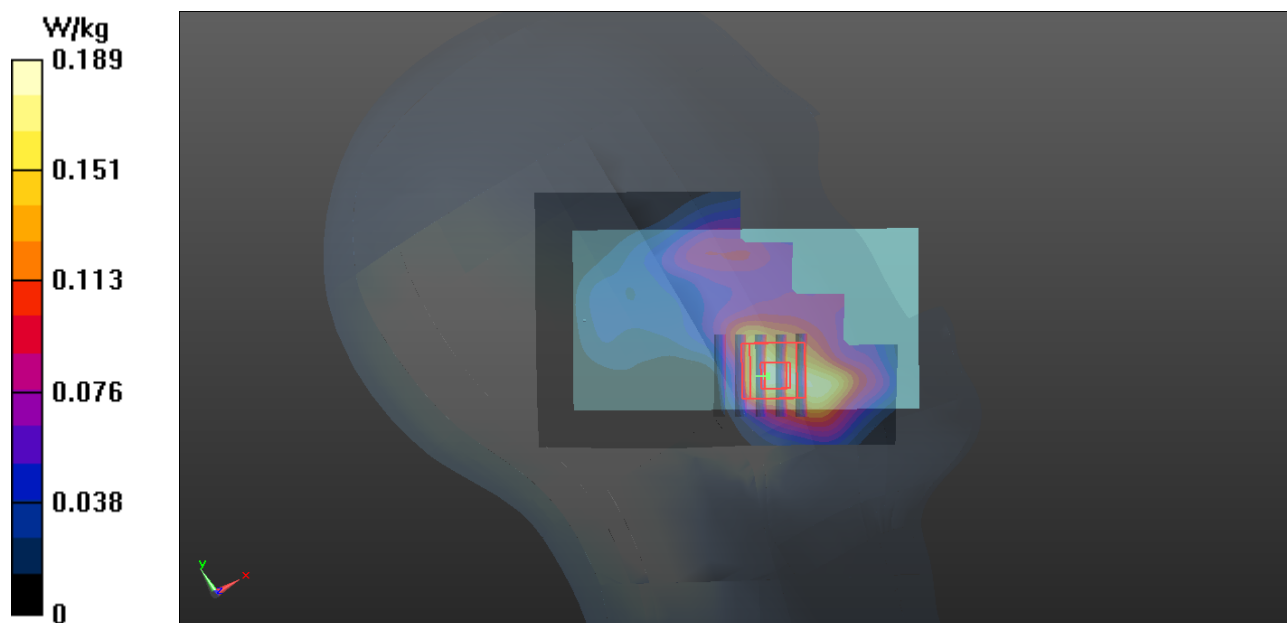
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.929 V/m; Power Drift = 0.04 dB

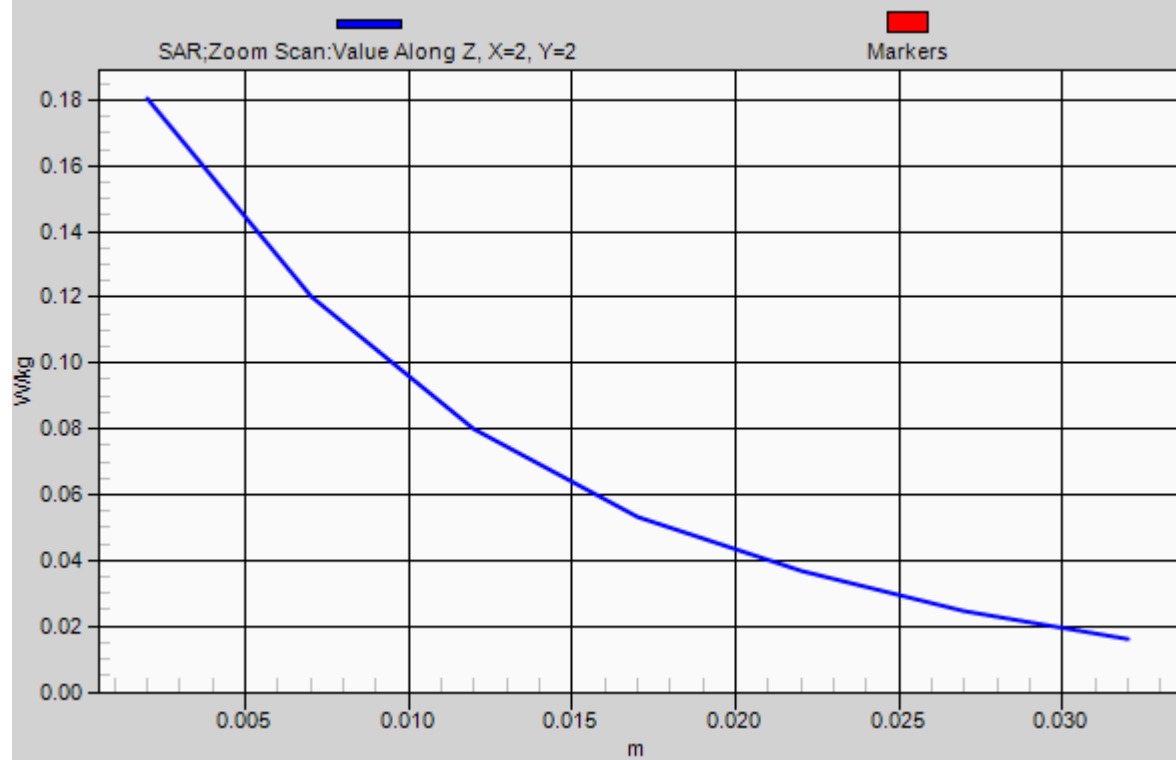
Peak SAR (extrapolated) = 0.214 mW/g

SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.087 mW/g

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



1g/10g Averaged SAR



P04 GSM1900_GPRS10_Left Tilted_Ch512**DUT: 121011C15**

Communication System: GPRS10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.00037

Medium: H1900_1011 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.379$ mho/m; $\epsilon_r = 40.564$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.83, 8.83, 8.83); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0921 W/kg

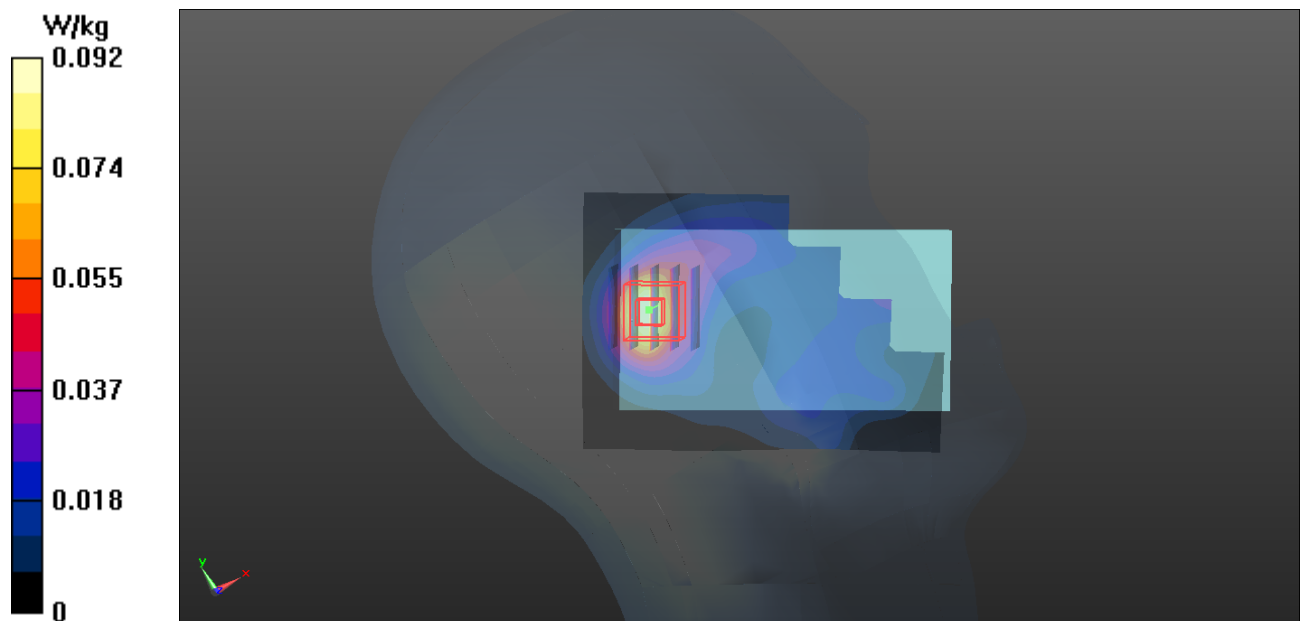
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.846 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.115 mW/g

SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.039 mW/g

Maximum value of SAR (measured) = 0.0939 W/kg



P101 802.11b_Right Cheek_Ch1**DUT: 121011C15**

Communication System: WLAN_2.4G; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: H2450_1016 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.796$ mho/m; $\epsilon_r = 37.946$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.404 W/kg

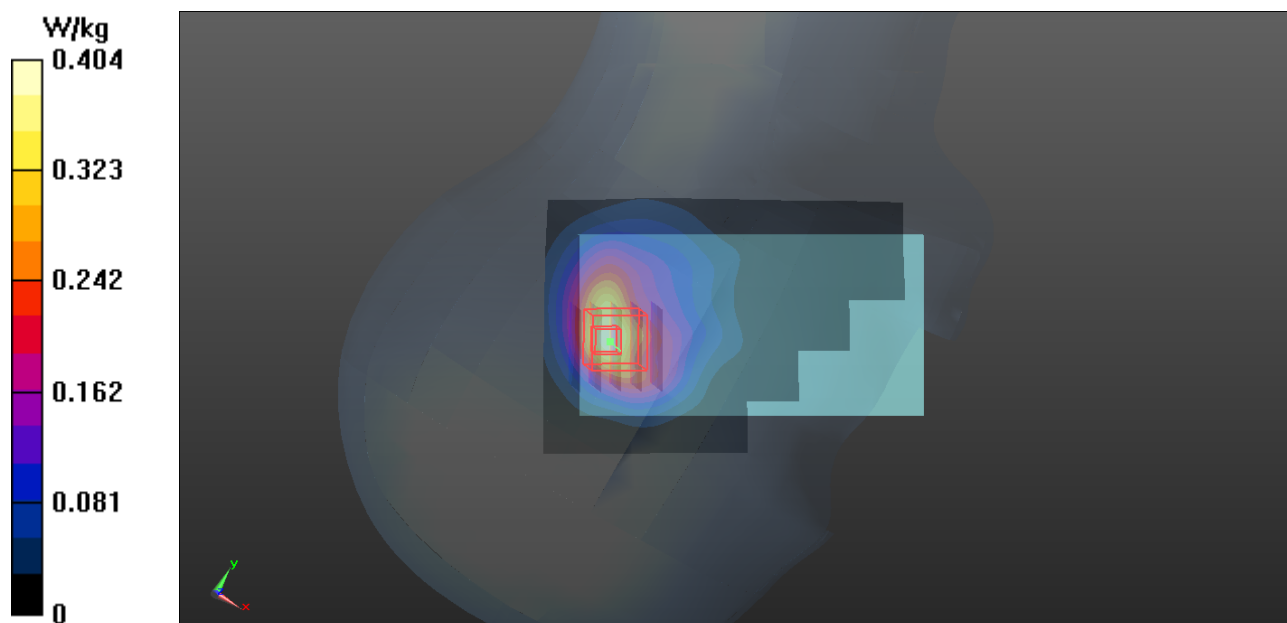
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.680 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.450 mW/g

SAR(1 g) = 0.246 mW/g; SAR(10 g) = 0.135 mW/g

Maximum value of SAR (measured) = 0.337 W/kg



P102 802.11b_Right Tilted_Ch1**DUT: 121011C15**

Communication System: WLAN_2.4G; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: H2450_1016 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.796$ mho/m; $\epsilon_r = 37.946$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.438 W/kg

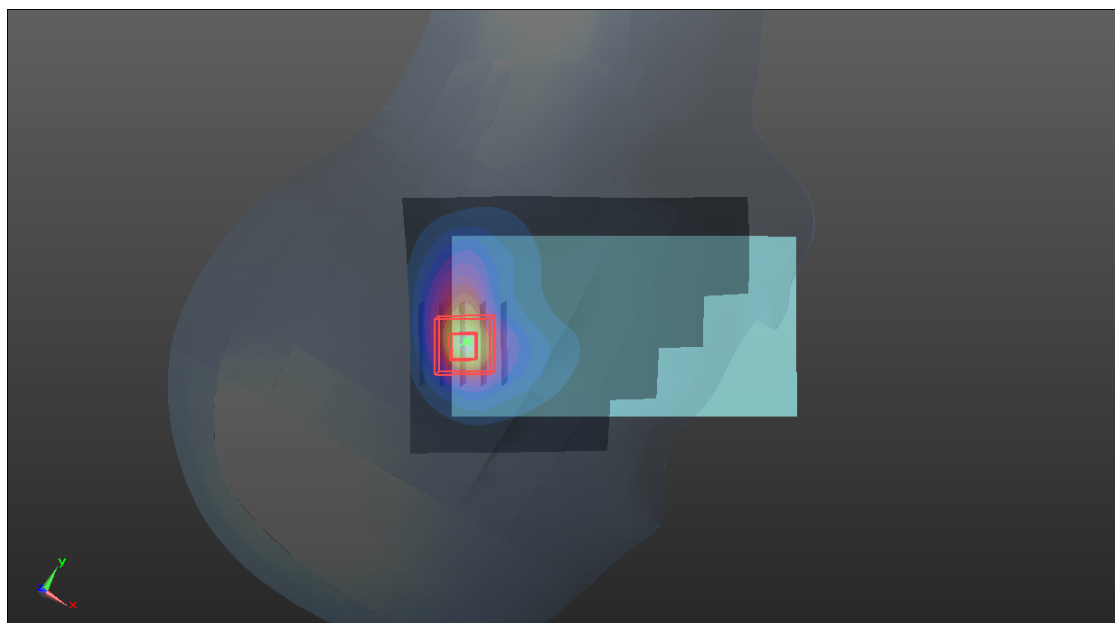
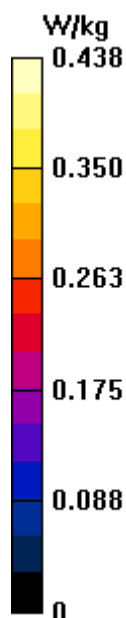
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.369 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.529 mW/g

SAR(1 g) = 0.277 mW/g; SAR(10 g) = 0.138 mW/g

Maximum value of SAR (measured) = 0.397 W/kg



P103 802.11b_Left Cheek_Ch1**DUT: 121011C15**

Communication System: WLAN_2.4G; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: H2450_1016 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.796$ mho/m; $\epsilon_r = 37.946$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.661 W/kg

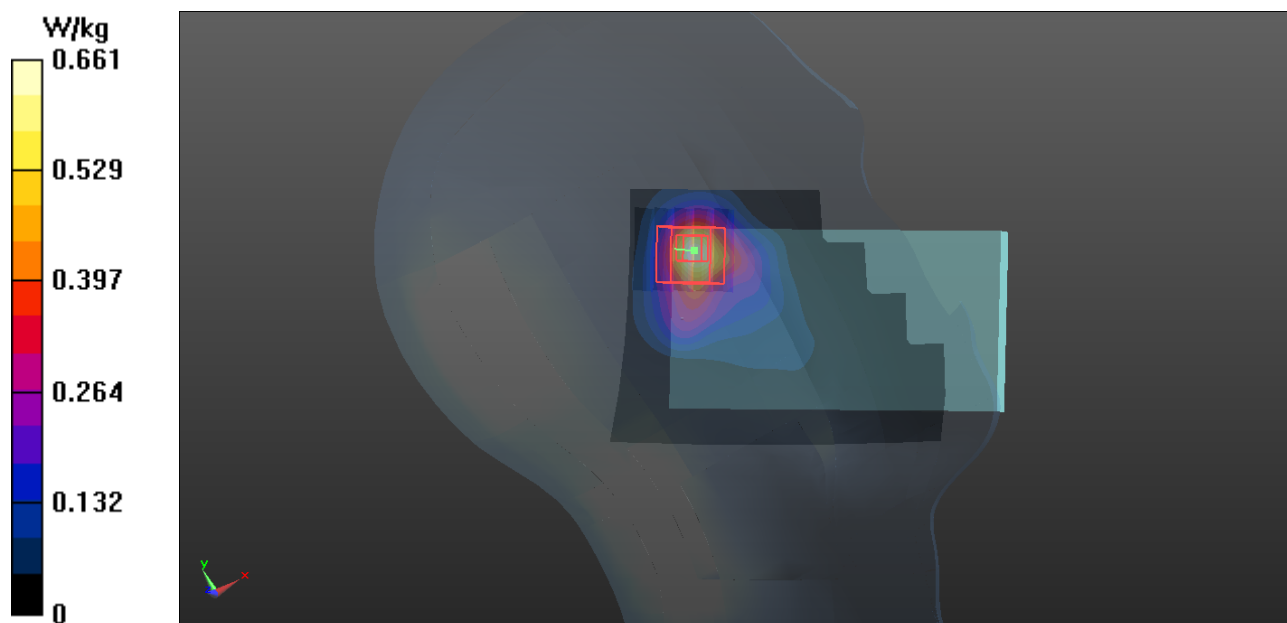
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

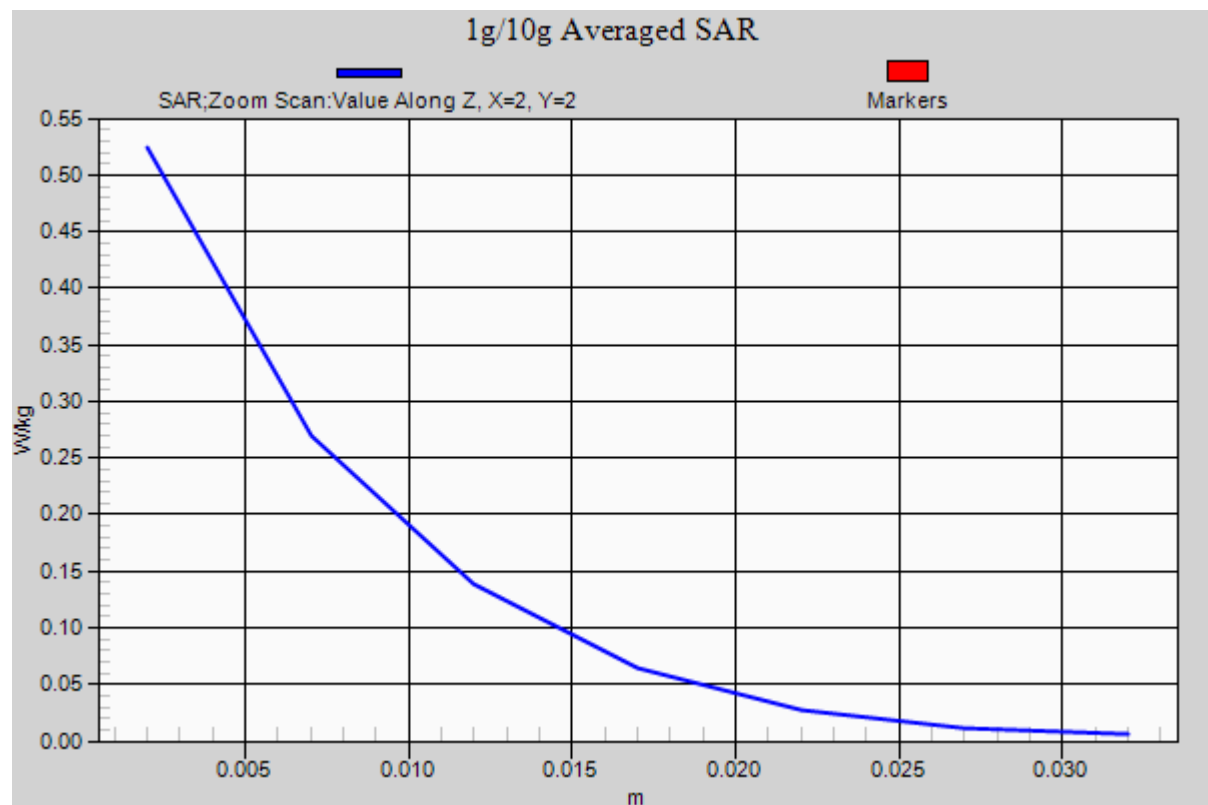
Reference Value = 11.134 V/m; Power Drift = 0.18 dB

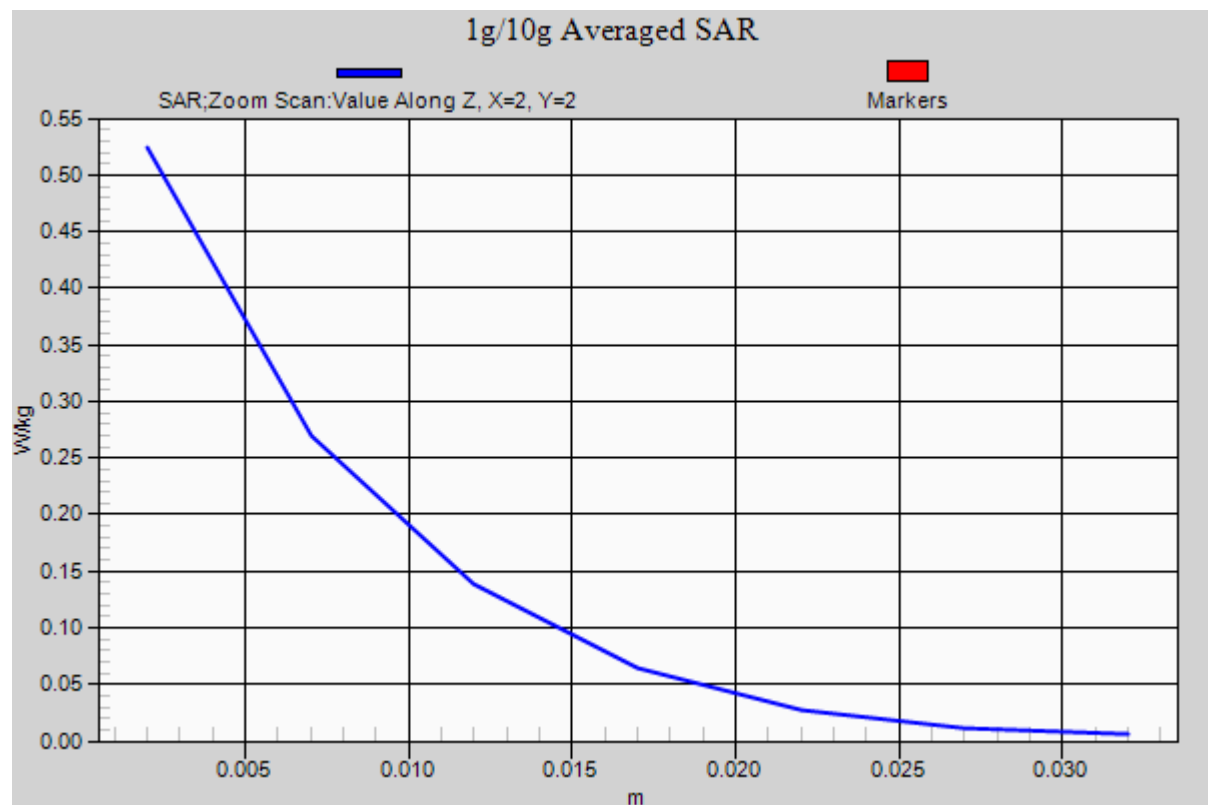
Peak SAR (extrapolated) = 0.770 mW/g

SAR(1 g) = 0.370 mW/g; SAR(10 g) = 0.188 mW/g

Maximum value of SAR (measured) = 0.524 W/kg







P104 802.11b_Left Tilted_Ch1**DUT: 121011C15**

Communication System: WLAN_2.4G; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: H2450_1016 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.796$ mho/m; $\epsilon_r = 37.946$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.508 W/kg

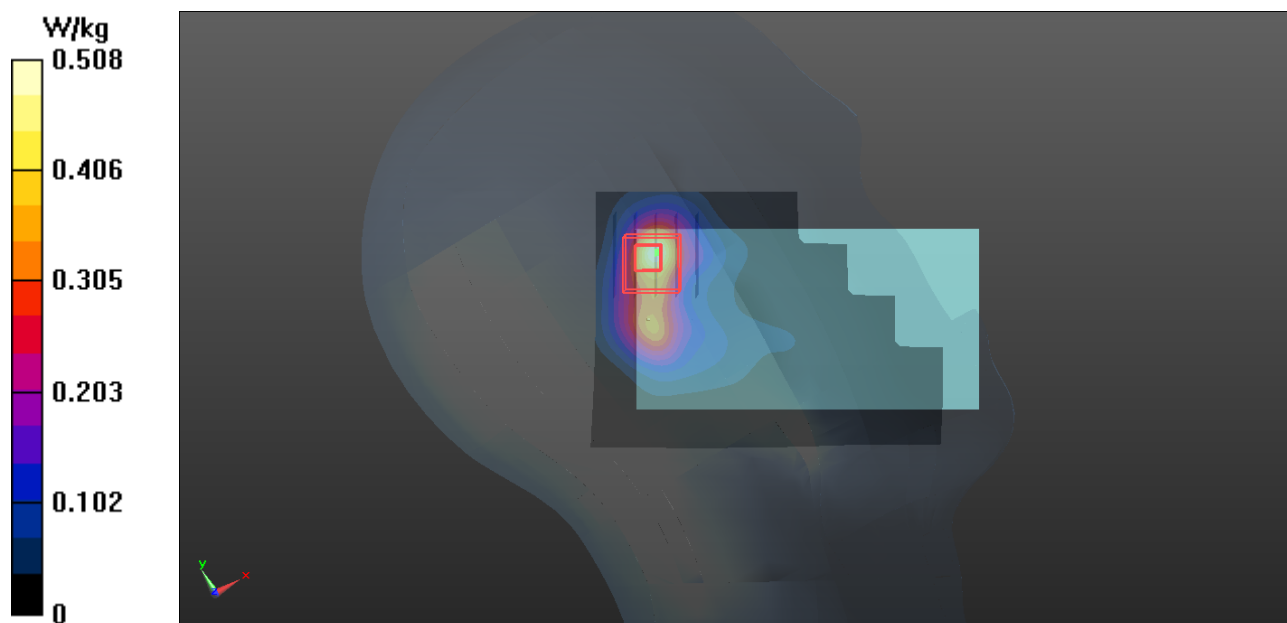
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.308 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.642 mW/g

SAR(1 g) = 0.292 mW/g; SAR(10 g) = 0.140 mW/g

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



P111 802.11a_Right Cheek_Ch48**DUT: 121011C15**

Communication System: WLAN_5G; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: H5G_1016 Medium parameters used: $f = 5240$ MHz; $\sigma = 4.687$ mho/m; $\epsilon_r = 36.268$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(5.15, 5.15, 5.15); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch48/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.157 W/kg

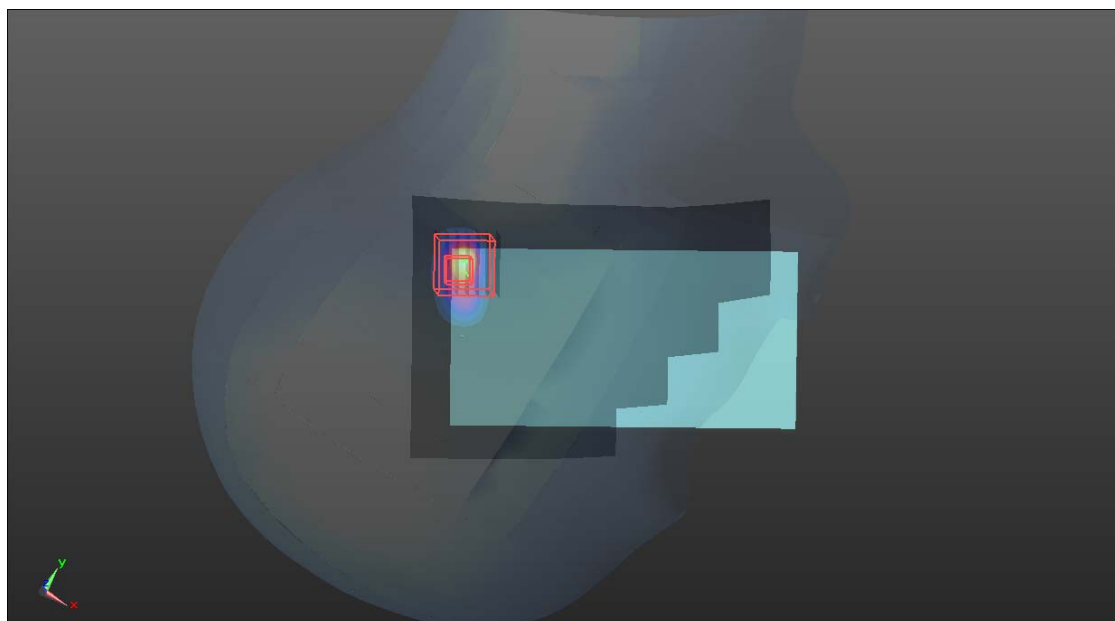
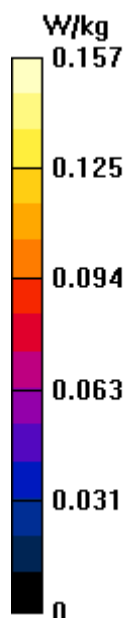
Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.360 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.308 mW/g

SAR(1 g) = 0.094 mW/g; SAR(10 g) = 0.026 mW/g

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



P112 802.11a_Right Tilted_Ch48**DUT: 121011C15**

Communication System: WLAN_5G; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: H5G_1016 Medium parameters used: $f = 5240$ MHz; $\sigma = 4.687$ mho/m; $\epsilon_r = 36.268$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(5.15, 5.15, 5.15); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch48/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

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

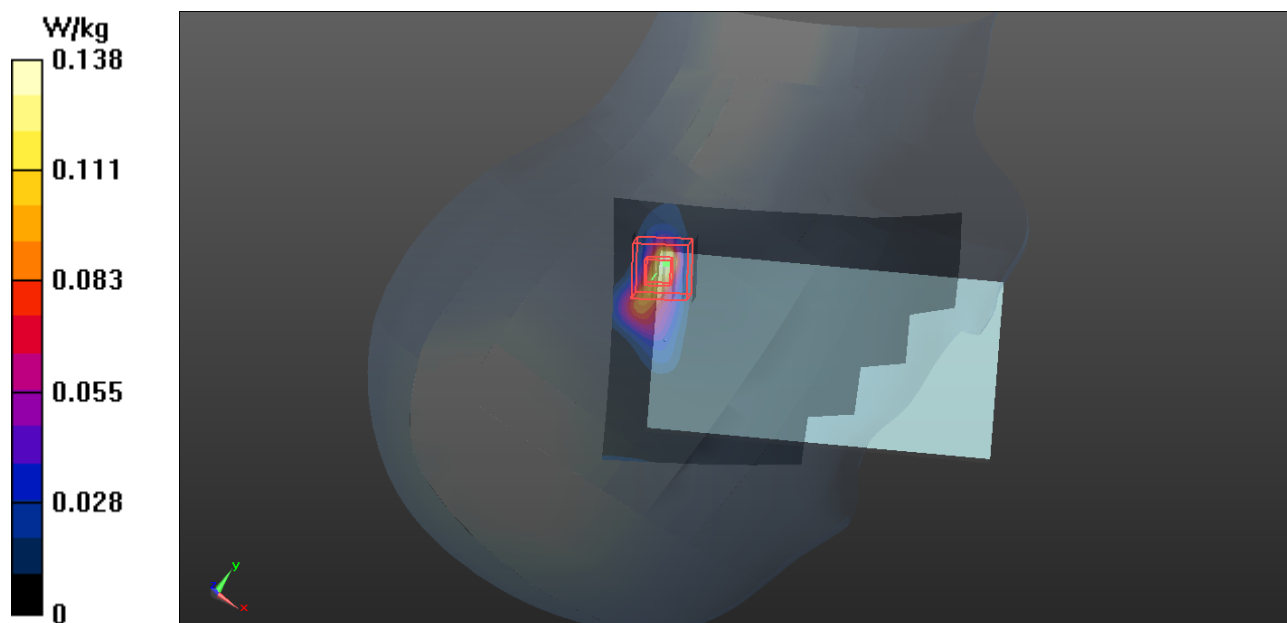
Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.960 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.267 mW/g

SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.157 W/kg



P113 802.11a_Left Cheek_Ch48**DUT: 121011C15**

Communication System: WLAN_5G; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: H5G_1016 Medium parameters used: $f = 5240$ MHz; $\sigma = 4.687$ mho/m; $\epsilon_r = 36.268$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(5.15, 5.15, 5.15); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch48/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.461 W/kg

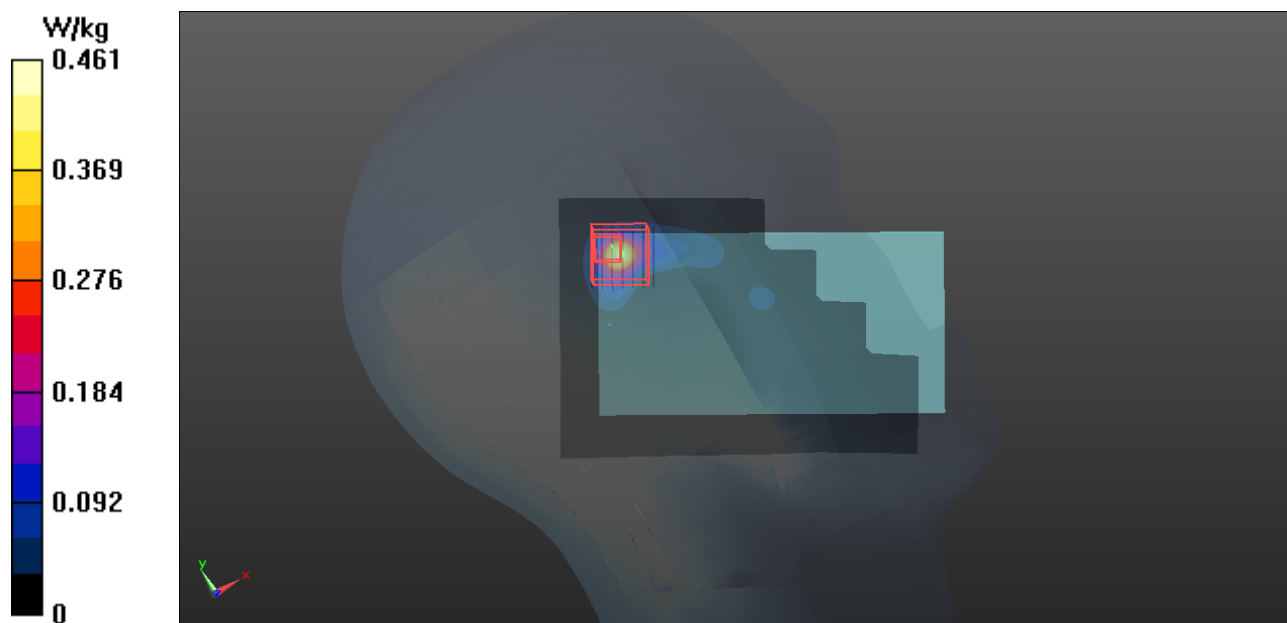
Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.572 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.552 mW/g

SAR(1 g) = 0.145 mW/g; SAR(10 g) = 0.037 mW/g

Maximum value of SAR (measured) = 0.312 W/kg



P114 802.11a_Left Tilted_Ch48**DUT: 121011C15**

Communication System: WLAN_5G; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: H5G_1016 Medium parameters used: $f = 5240$ MHz; $\sigma = 4.687$ mho/m; $\epsilon_r = 36.268$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(5.15, 5.15, 5.15); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch48/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

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

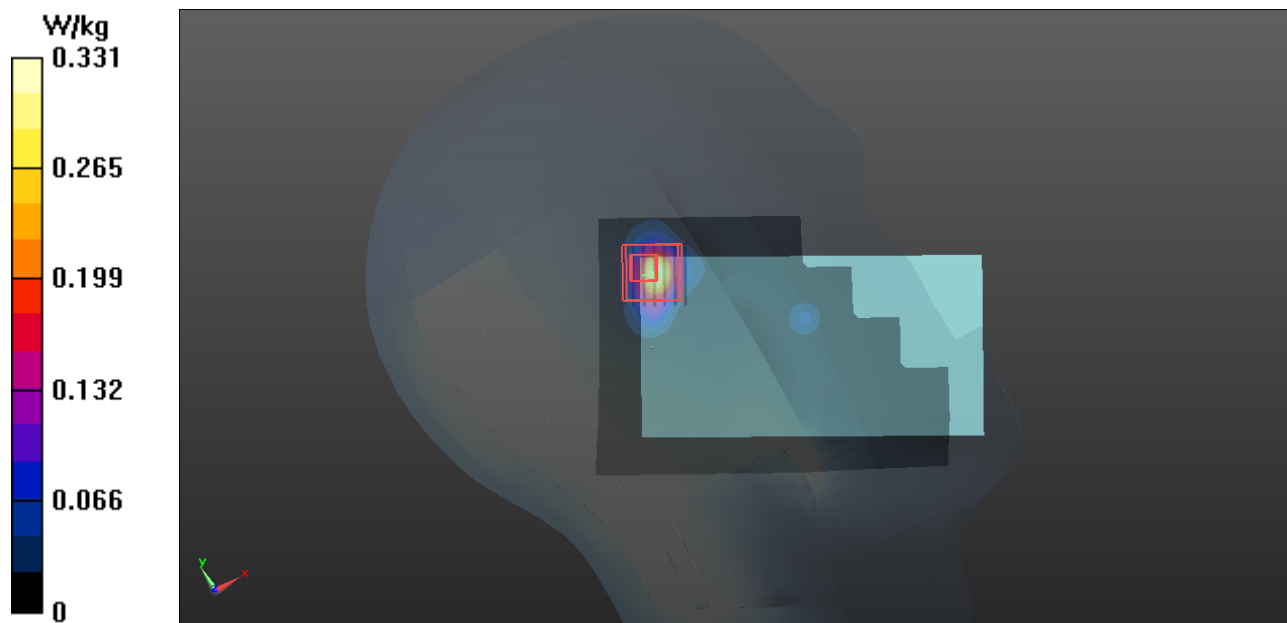
Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.624 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.484 mW/g

SAR(1 g) = 0.134 mW/g; SAR(10 g) = 0.035 mW/g

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



P115 802.11n_HT40_Left Cheek_Ch46**DUT: 121011C15**

Communication System: WLAN_5G; Frequency: 5230 MHz; Duty Cycle: 1:1

Medium: H5G_1016 Medium parameters used: $f = 5230$ MHz; $\sigma = 4.679$ mho/m; $\epsilon_r = 36.292$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(5.15, 5.15, 5.15); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch46/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.529 W/kg

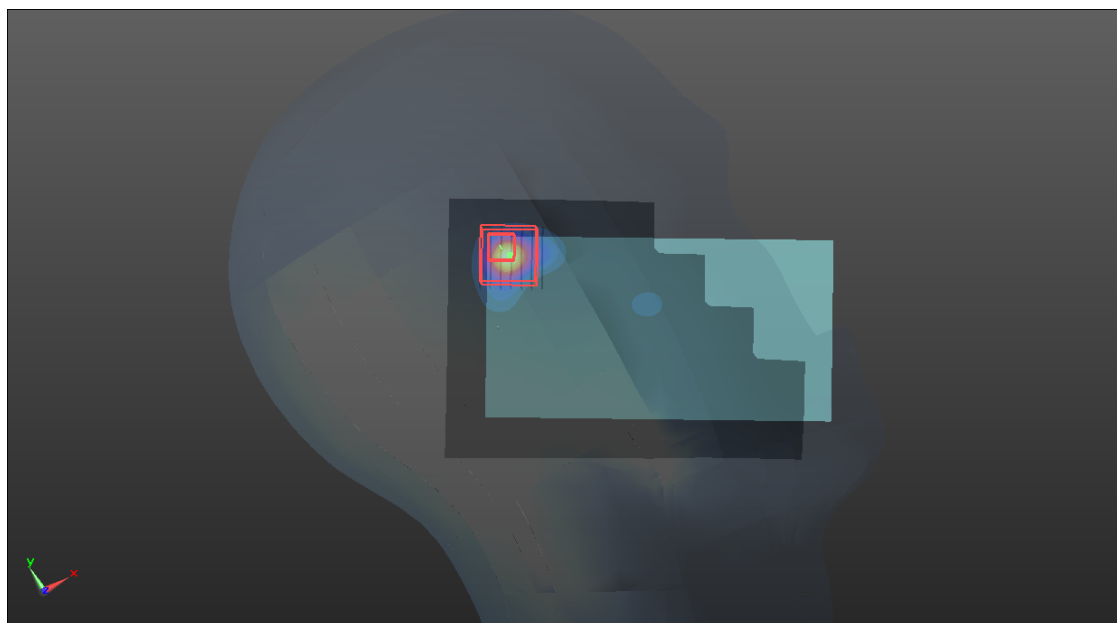
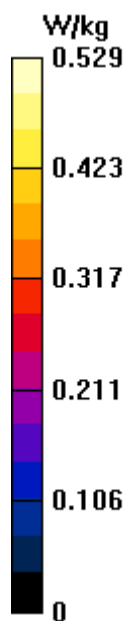
Ch46/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.698 V/m; Power Drift = 0.02 dB

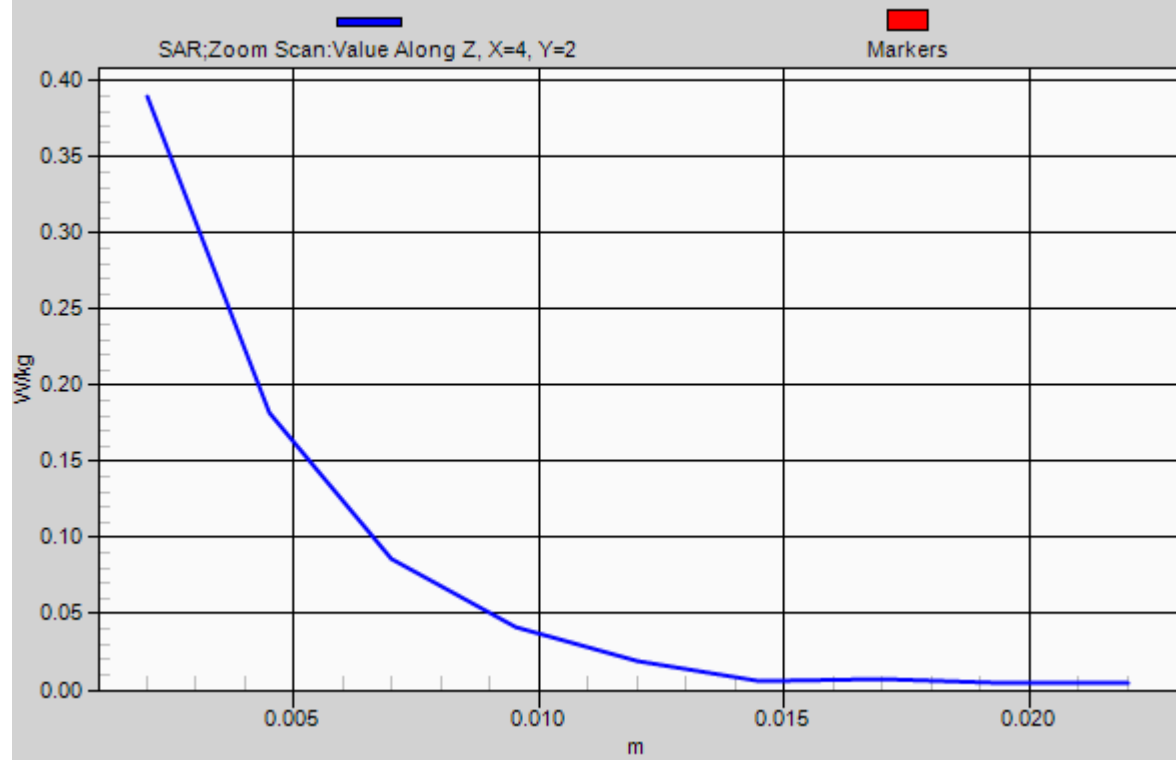
Peak SAR (extrapolated) = 1.815 mW/g

SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.048 mW/g

Maximum value of SAR (measured) = 0.390 W/kg



1g/10g Averaged SAR



P116 802.11a_Right Cheek_Ch64**DUT: 121011C15**

Communication System: WLAN_5G; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: H5G_1016 Medium parameters used: $f = 5320$ MHz; $\sigma = 4.79$ mho/m; $\epsilon_r = 36.15$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.93, 4.93, 4.93); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch64/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

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

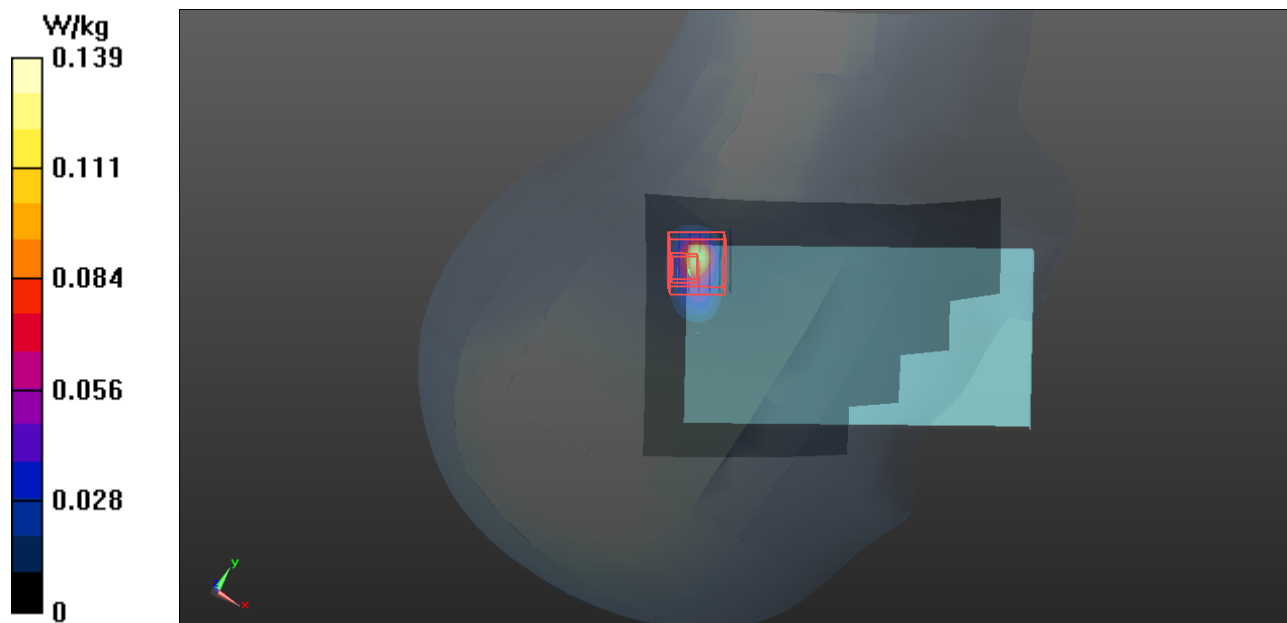
Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.707 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.395 mW/g

SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.027 mW/g

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



P117 802.11a_Right Tilted_Ch64**DUT: 121011C15**

Communication System: WLAN_5G; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: H5G_1016 Medium parameters used: $f = 5320$ MHz; $\sigma = 4.79$ mho/m; $\epsilon_r = 36.15$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.93, 4.93, 4.93); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch64/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

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

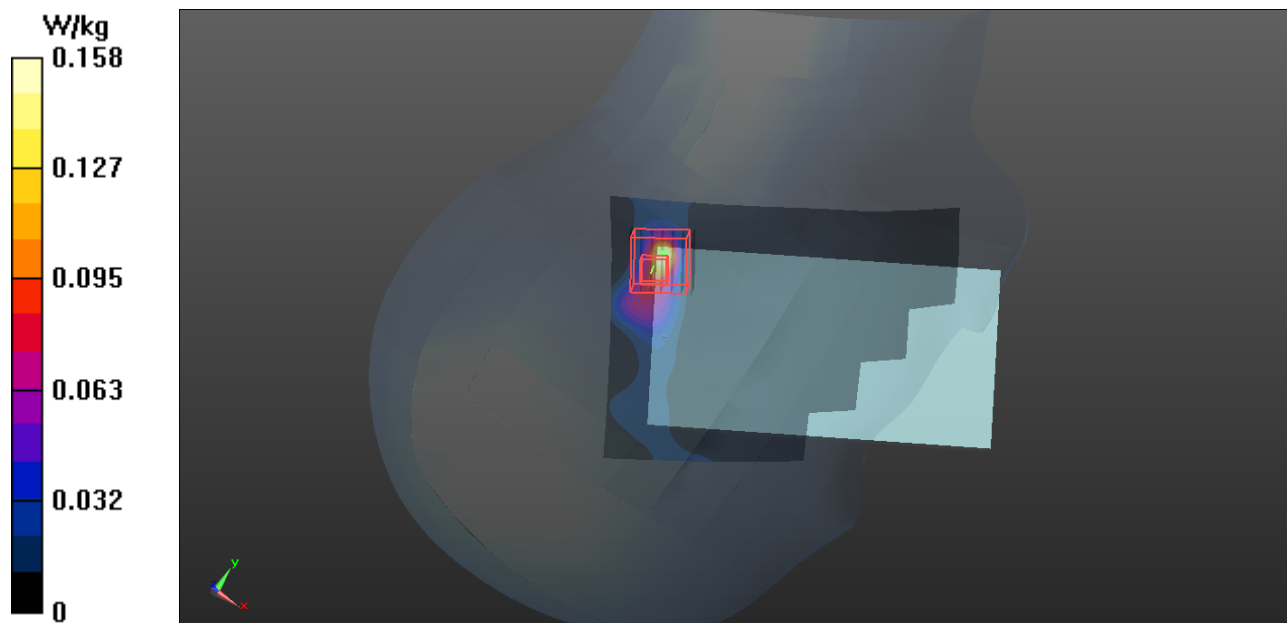
Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.164 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.392 mW/g

SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.028 mW/g

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



P118 802.11a_Left Cheek_Ch64**DUT: 121011C15**

Communication System: WLAN_5G; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: H5G_1016 Medium parameters used: $f = 5320$ MHz; $\sigma = 4.79$ mho/m; $\epsilon_r = 36.15$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.93, 4.93, 4.93); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch64/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.423 W/kg

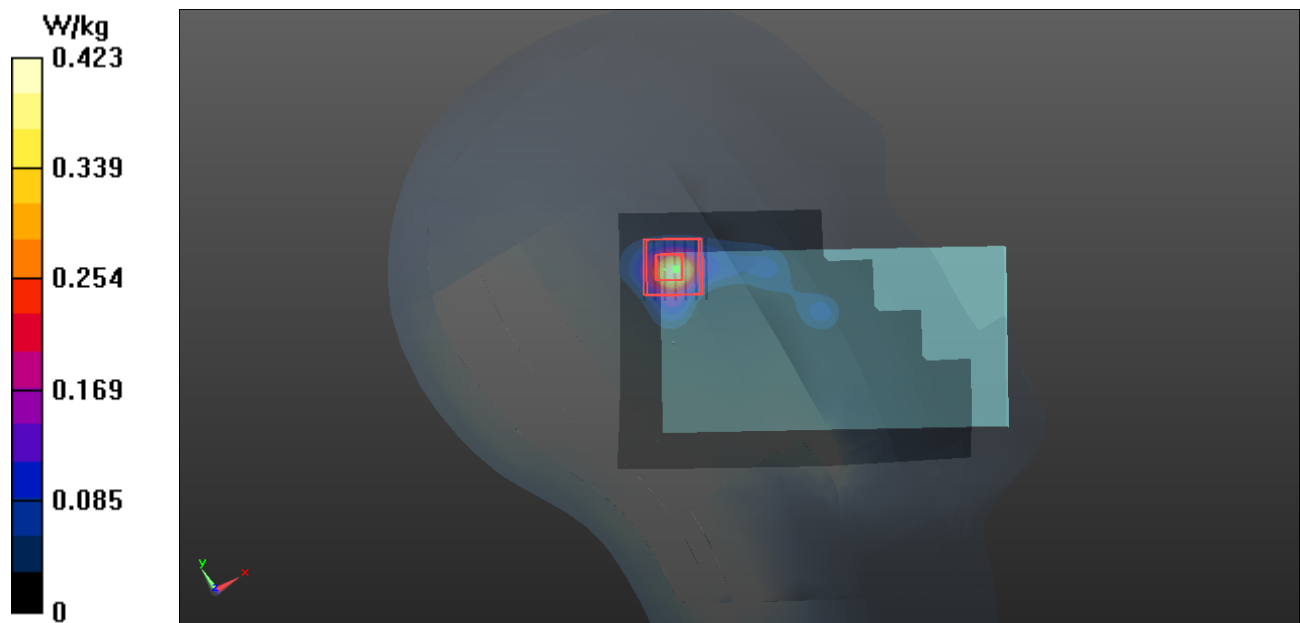
Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.651 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.534 mW/g

SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.043 mW/g

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



P119 802.11a_Left Tilted_Ch64**DUT: 121011C15**

Communication System: WLAN_5G; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: H5G_1016 Medium parameters used: $f = 5320$ MHz; $\sigma = 4.79$ mho/m; $\epsilon_r = 36.15$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.93, 4.93, 4.93); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch64/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.526 W/kg

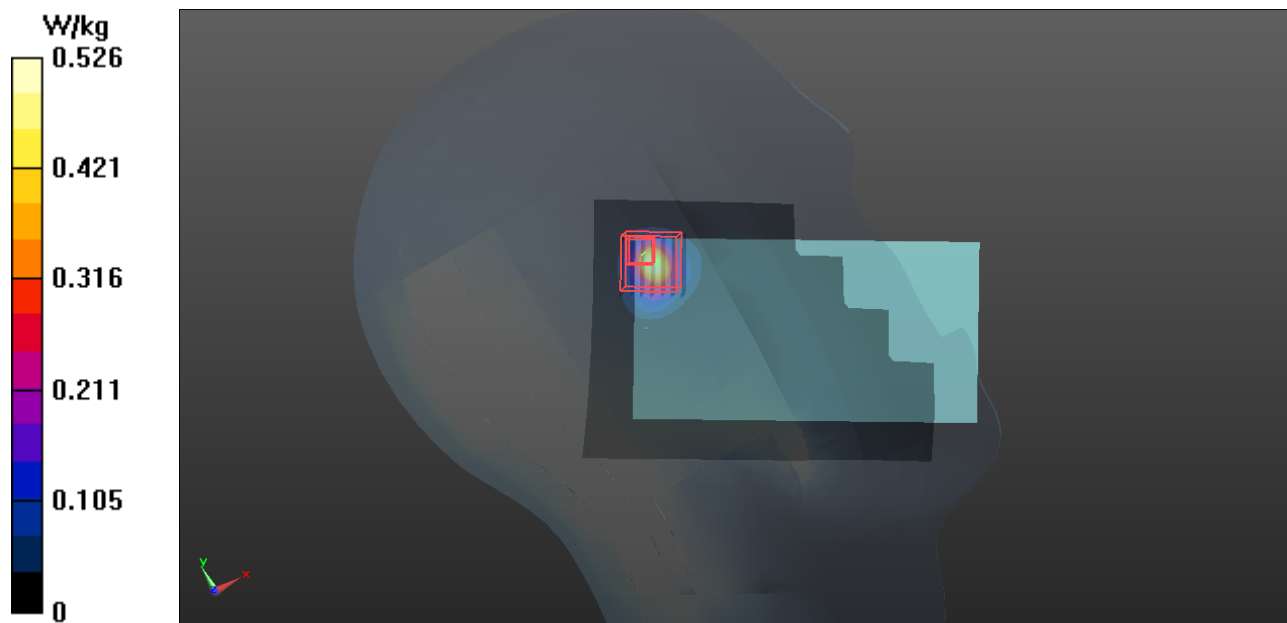
Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.312 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.751 mW/g

SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.037 mW/g

Maximum value of SAR (measured) = 0.325 W/kg



P120 802.11n_HT40_Left Cheek_Ch62**DUT: 121011C15**

Communication System: WLAN_5G; Frequency: 5310 MHz; Duty Cycle: 1:1

Medium: H5G_1016 Medium parameters used: $f = 5310$ MHz; $\sigma = 4.775$ mho/m; $\epsilon_r = 36.164$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.93, 4.93, 4.93); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch62/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.454 W/kg

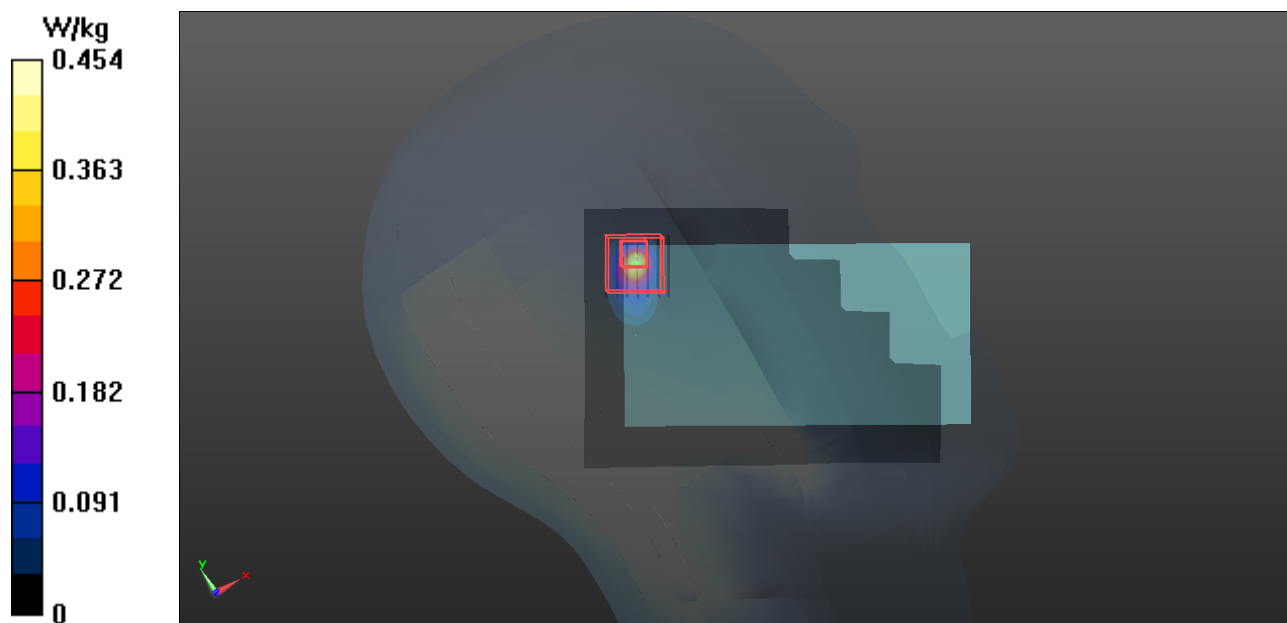
Ch62/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

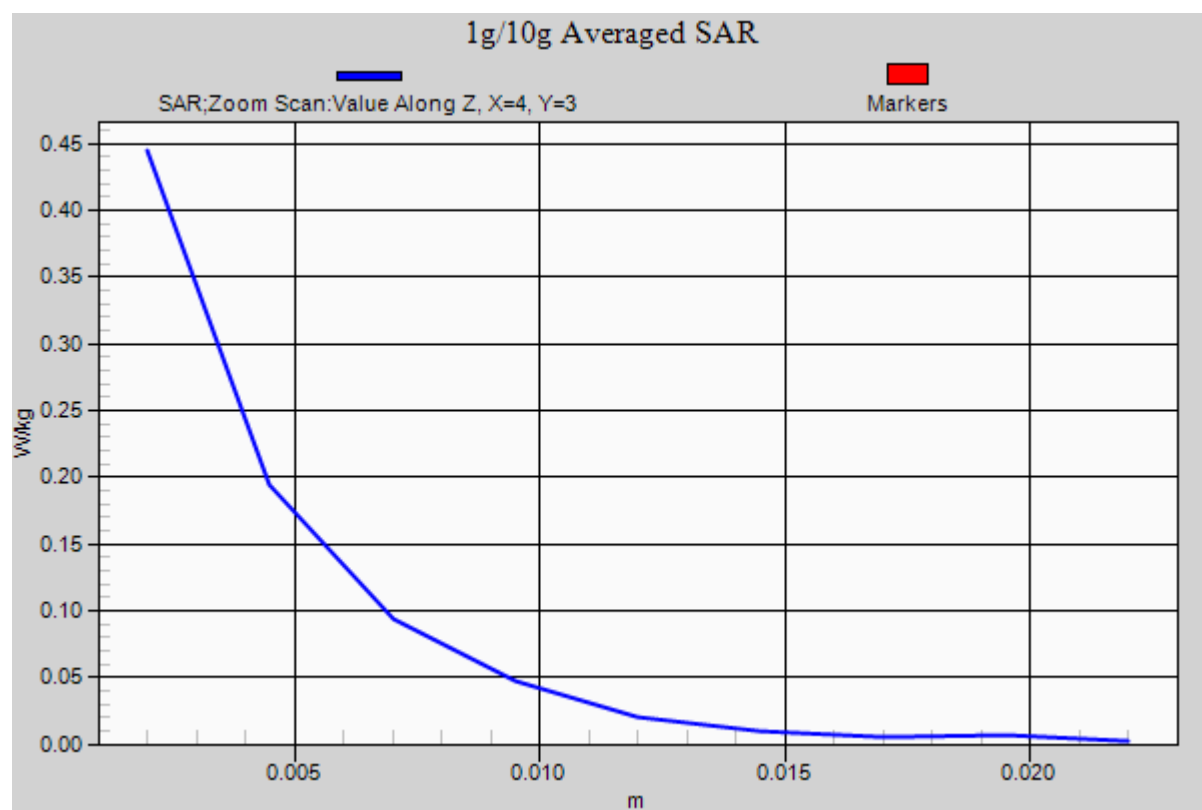
Reference Value = 2.661 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.770 mW/g

SAR(1 g) = 0.201 mW/g; SAR(10 g) = 0.054 mW/g

Maximum value of SAR (measured) = 0.445 W/kg





P121 802.11a_Right Cheek_Ch100**DUT: 121011C15**

Communication System: WLAN_5G; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: H5G_1016 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.007$ mho/m; $\epsilon_r = 35.842$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.59, 4.59, 4.59); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch100/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.401 W/kg

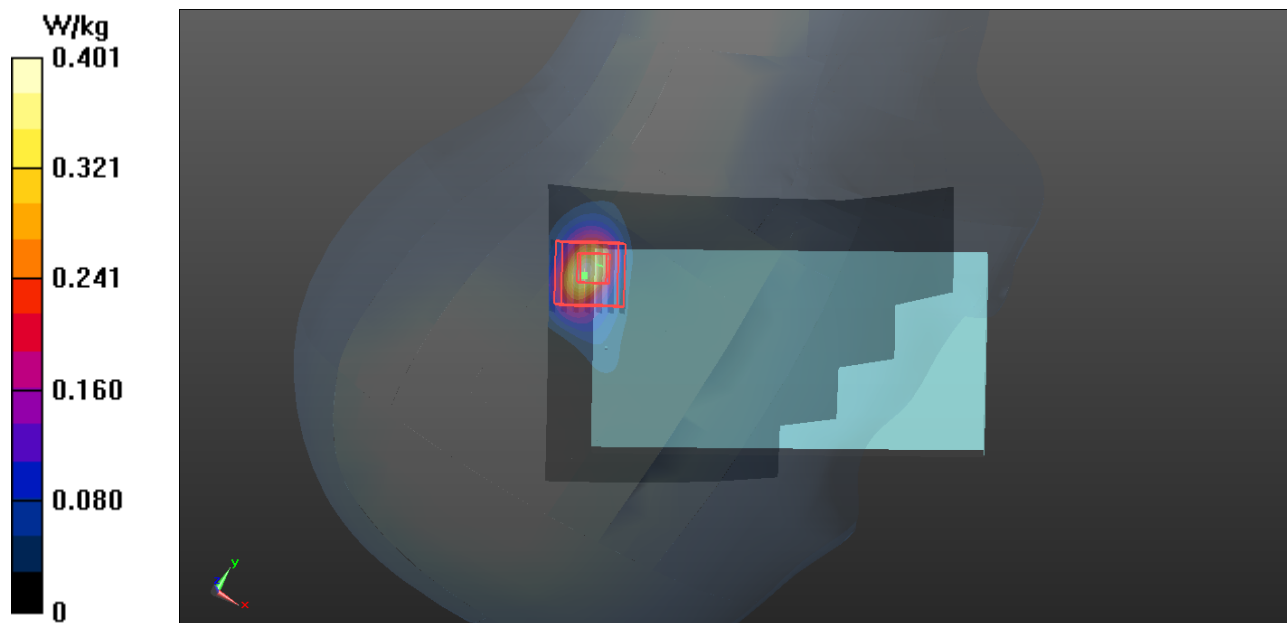
Ch100/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.189 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.630 mW/g

SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.058 mW/g

Maximum value of SAR (measured) = 0.366 W/kg



P122 802.11a_Right Tilted_Ch100**DUT: 121011C15**

Communication System: WLAN_5G; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: H5G_1016 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.007$ mho/m; $\epsilon_r = 35.842$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.59, 4.59, 4.59); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch100/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

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

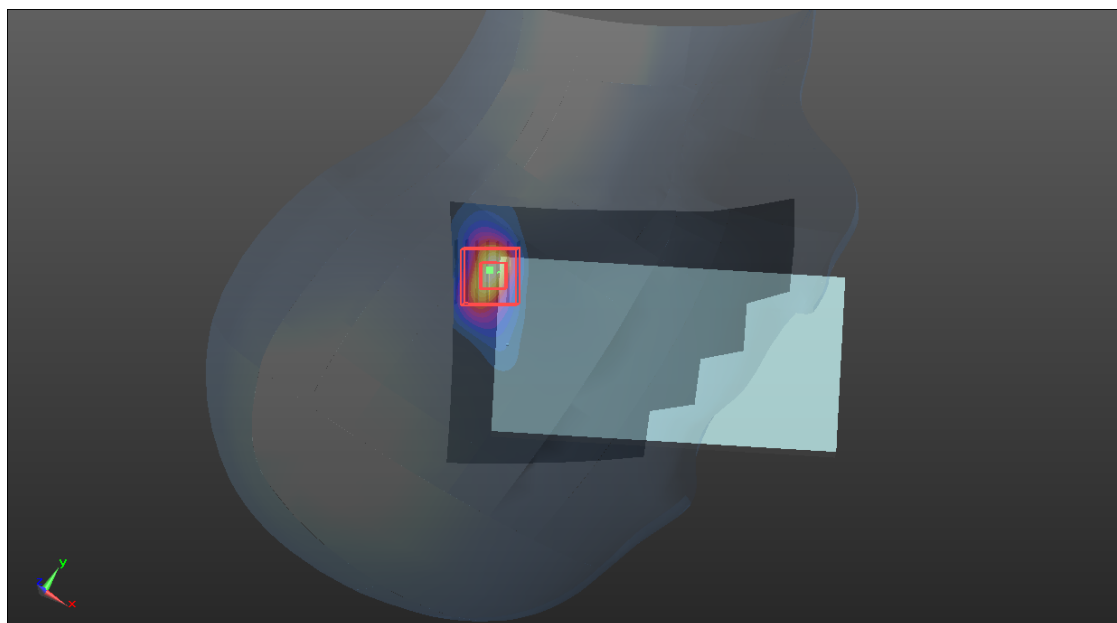
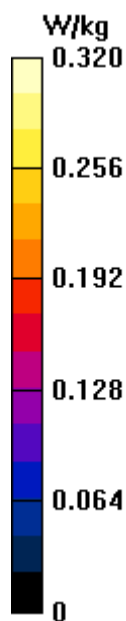
Ch100/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.104 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.606 mW/g

SAR(1 g) = 0.183 mW/g; SAR(10 g) = 0.056 mW/g

Maximum value of SAR (measured) = 0.353 W/kg



P123 802.11a_Left Cheek_Ch100**DUT: 121011C15**

Communication System: WLAN_5G; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: H5G_1016 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.007$ mho/m; $\epsilon_r = 35.842$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.59, 4.59, 4.59); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch100/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.786 W/kg

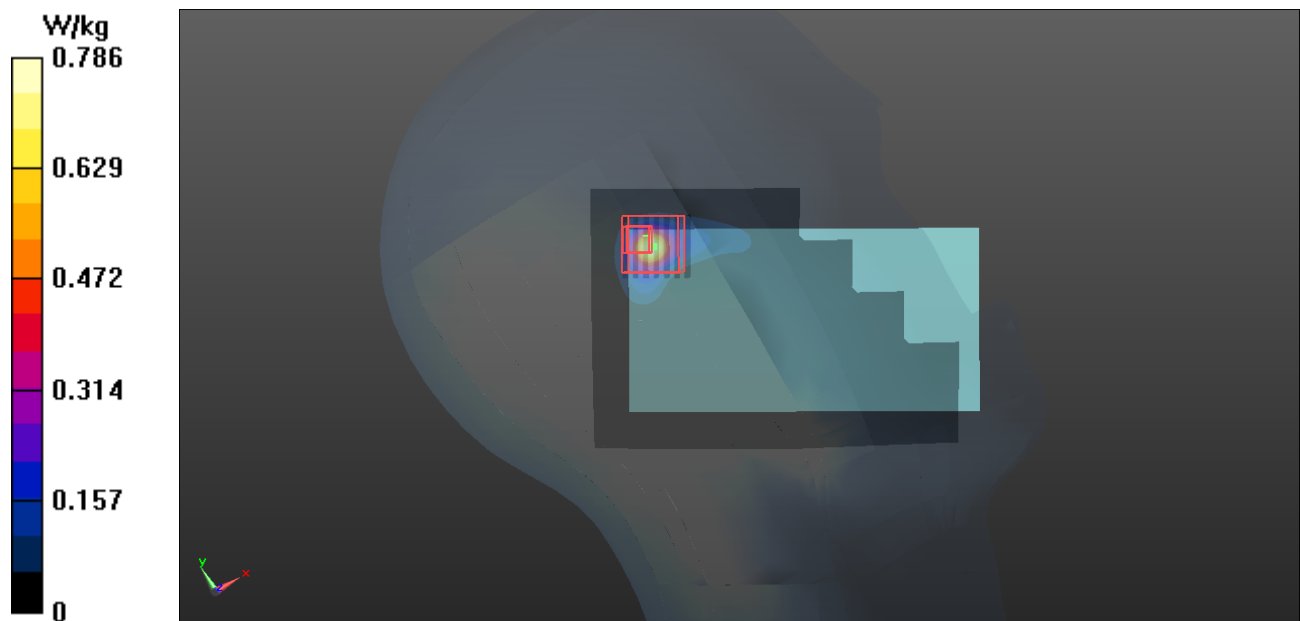
Ch100/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.164 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.986 mW/g

SAR(1 g) = 0.254 mW/g; SAR(10 g) = 0.065 mW/g

Maximum value of SAR (measured) = 0.531 W/kg



P124 802.11a_Left Tilted_Ch100**DUT: 121011C15**

Communication System: WLAN_5G; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: H5G_1016 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.007$ mho/m; $\epsilon_r = 35.842$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.59, 4.59, 4.59); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch100/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

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

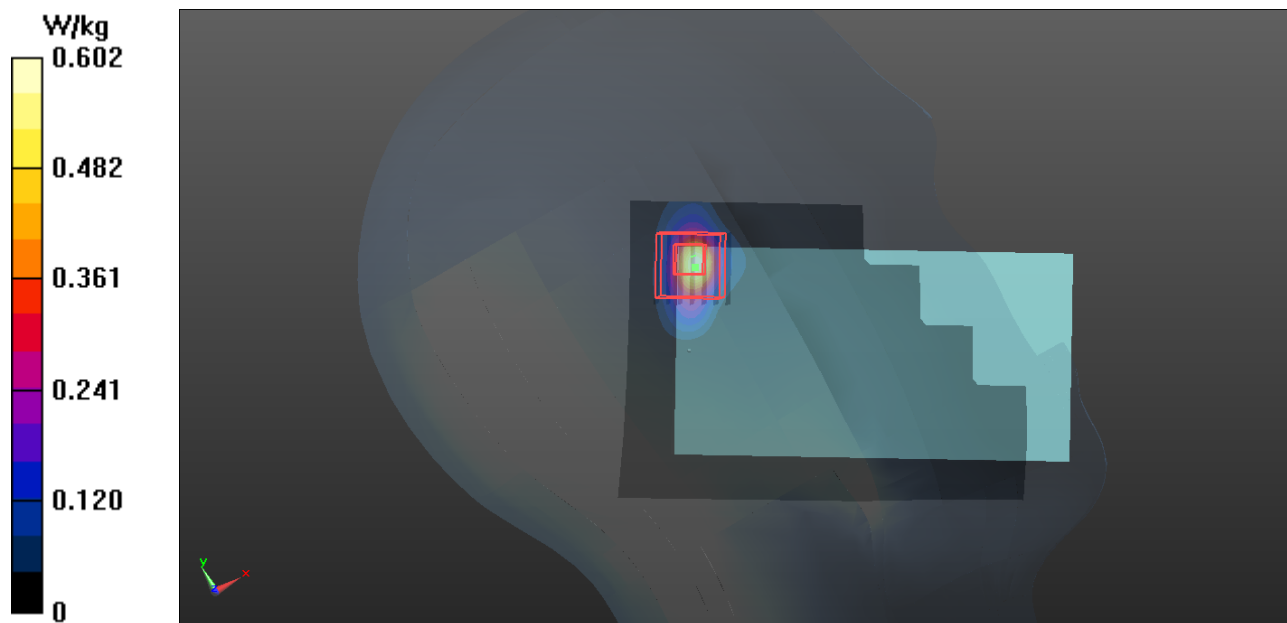
Ch100/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.241 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.828 mW/g

SAR(1 g) = 0.243 mW/g; SAR(10 g) = 0.070 mW/g

Maximum value of SAR (measured) = 0.485 W/kg



P125 802.11n_HT40_Left Cheek_Ch102**DUT: 121011C15**

Communication System: WLAN_5G; Frequency: 5510 MHz; Duty Cycle: 1:1

Medium: H5G_1016 Medium parameters used: $f = 5510$ MHz; $\sigma = 5.015$ mho/m; $\epsilon_r = 35.838$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.59, 4.59, 4.59); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch102/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

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

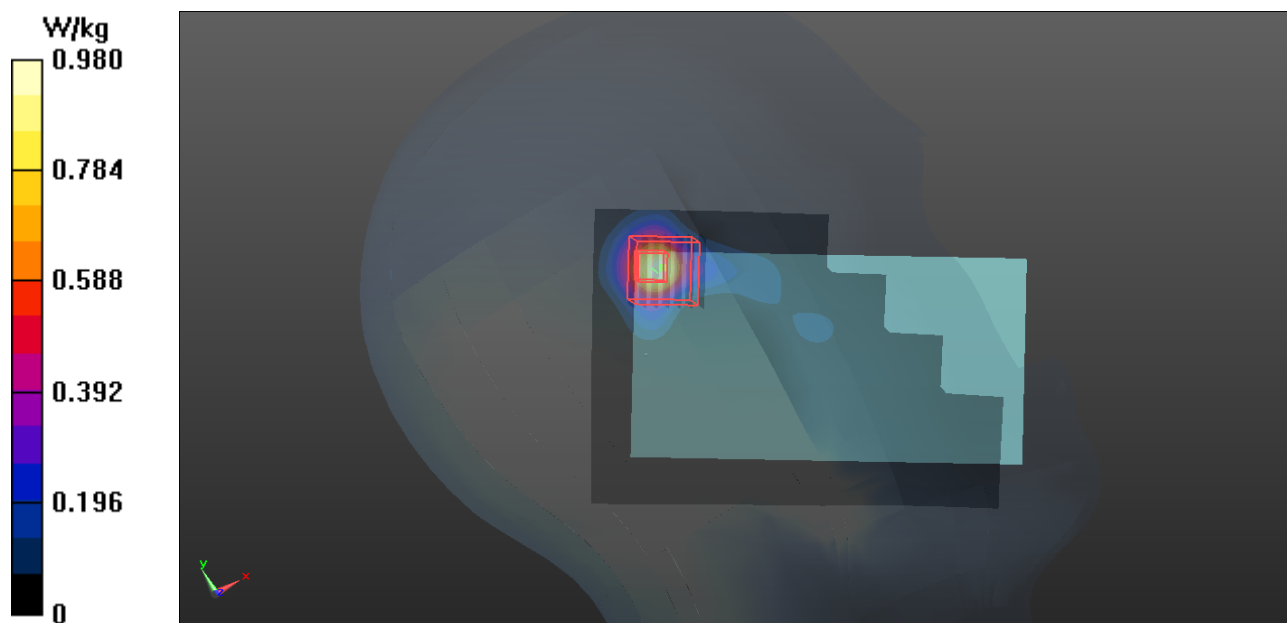
Ch102/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.626 V/m; Power Drift = 0.12 dB

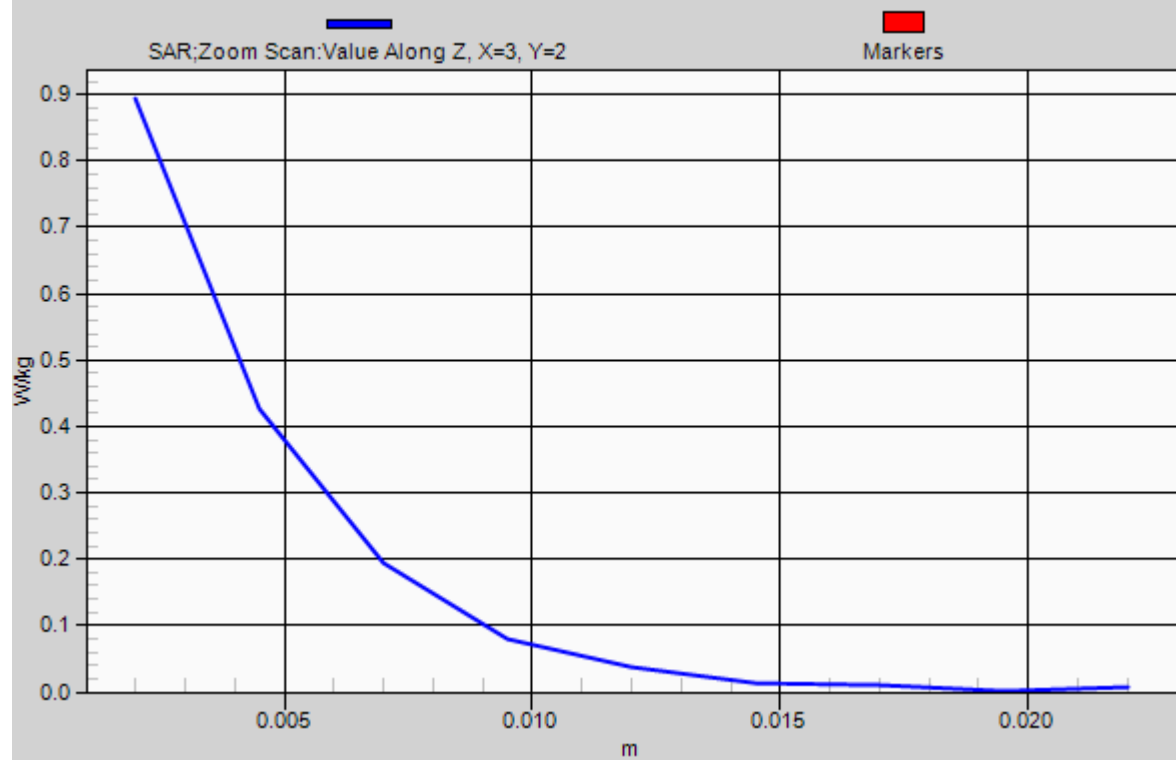
Peak SAR (extrapolated) = 4.061 mW/g

SAR(1 g) = 0.420 mW/g; SAR(10 g) = 0.113 mW/g

Maximum value of SAR (measured) = 0.894 W/kg



1g/10g Averaged SAR



P126 802.11a_Right Cheek_Ch149**DUT: 121011C15**

Communication System: WLAN_5G; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: H5G_1016 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.29$ mho/m; $\epsilon_r = 35.408$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.44, 4.44, 4.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch149/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.512 W/kg

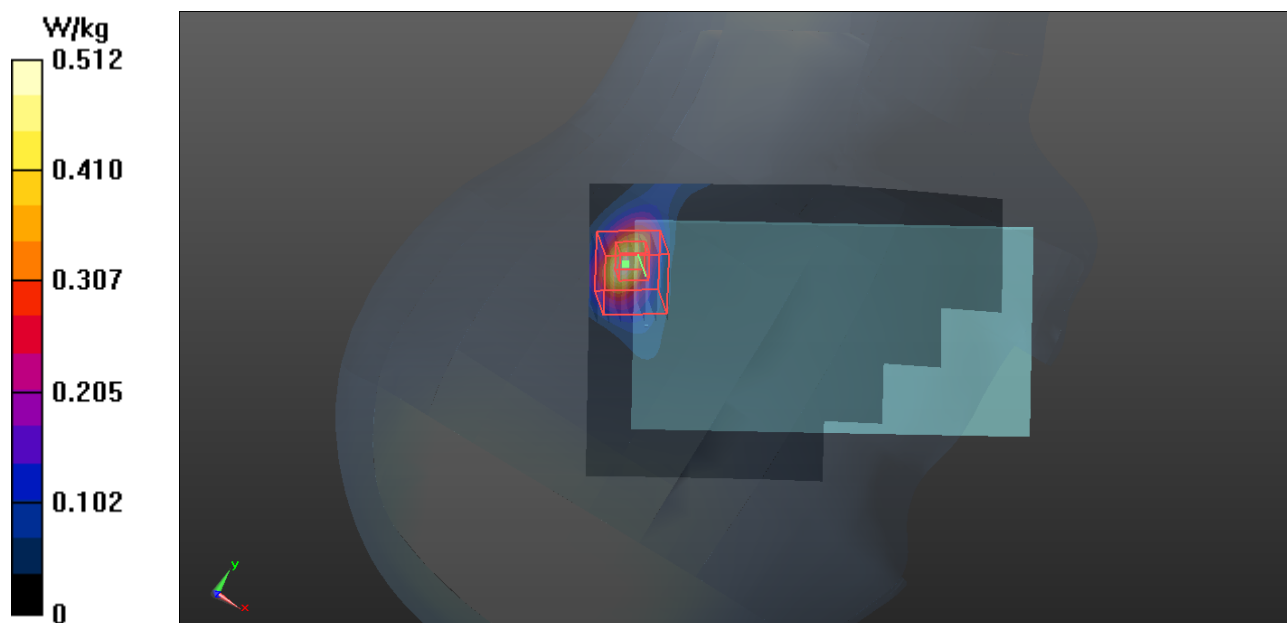
Ch149/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.970 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.717 mW/g

SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.068 mW/g

Maximum value of SAR (measured) = 0.419 W/kg



P127 802.11a_Right Tilted_Ch149**DUT: 121011C15**

Communication System: WLAN_5G; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: H5G_1016 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.29$ mho/m; $\epsilon_r = 35.408$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.44, 4.44, 4.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch149/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.533 W/kg

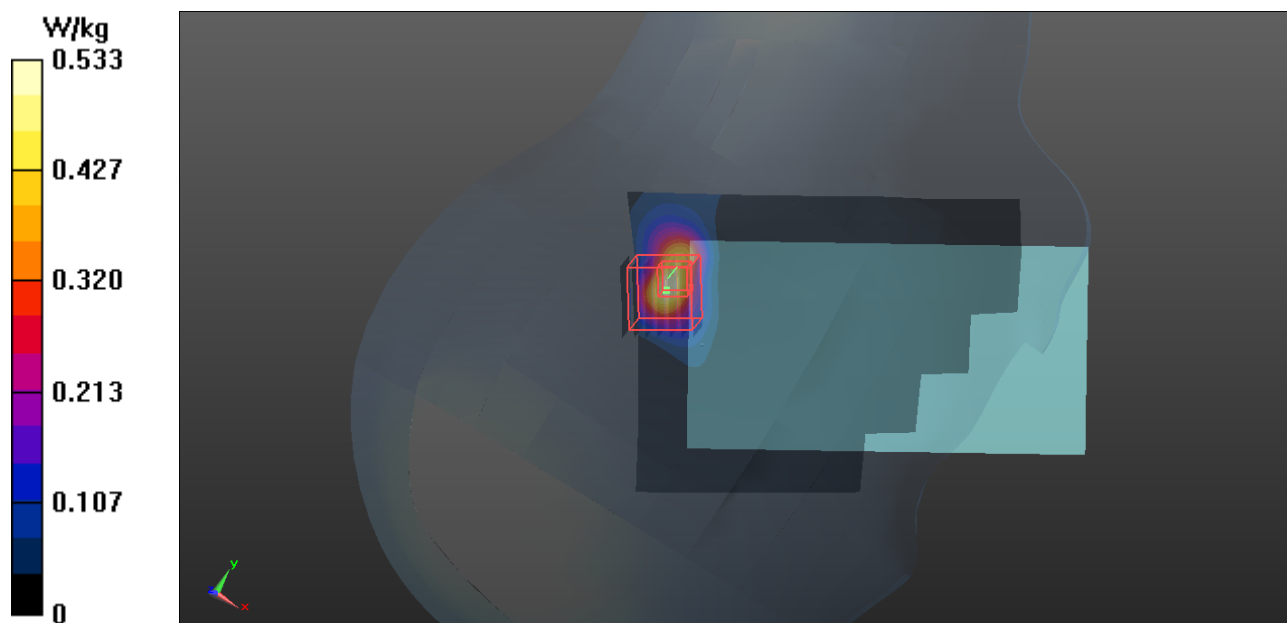
Ch149/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.789 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.774 mW/g

SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.070 mW/g

Maximum value of SAR (measured) = 0.403 W/kg



P128 802.11a_Left Cheek_Ch149**DUT: 121011C15**

Communication System: WLAN_5G; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: H5G_1016 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.29$ mho/m; $\epsilon_r = 35.408$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.44, 4.44, 4.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch149/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.834 W/kg

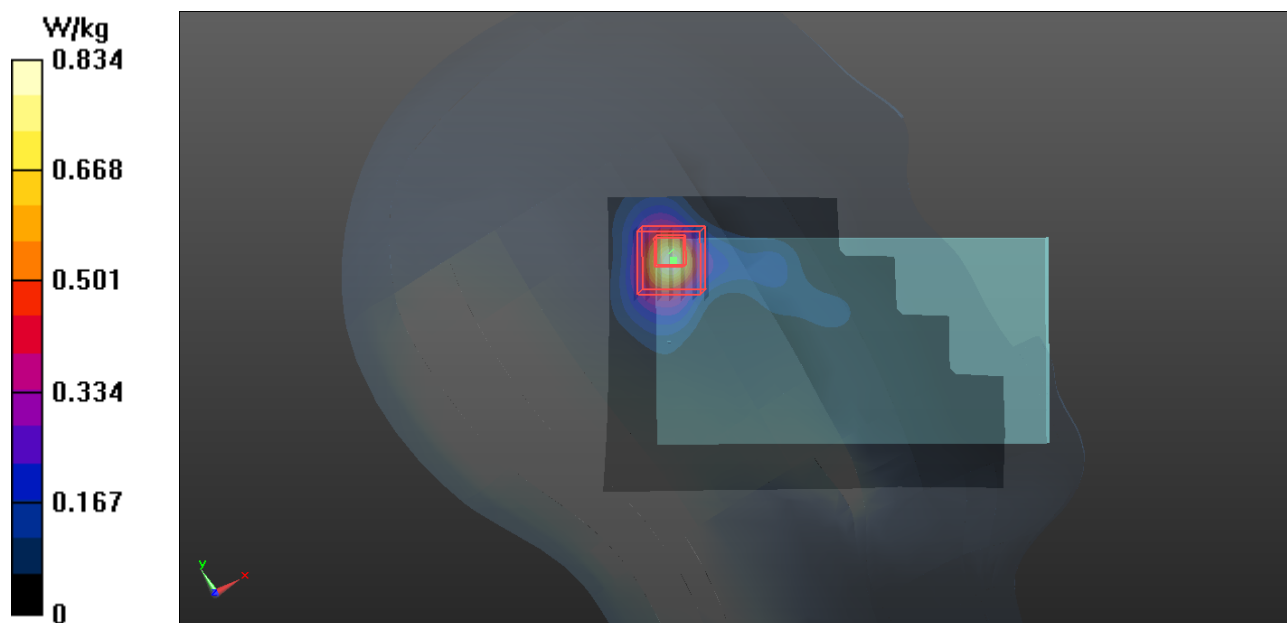
Ch149/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

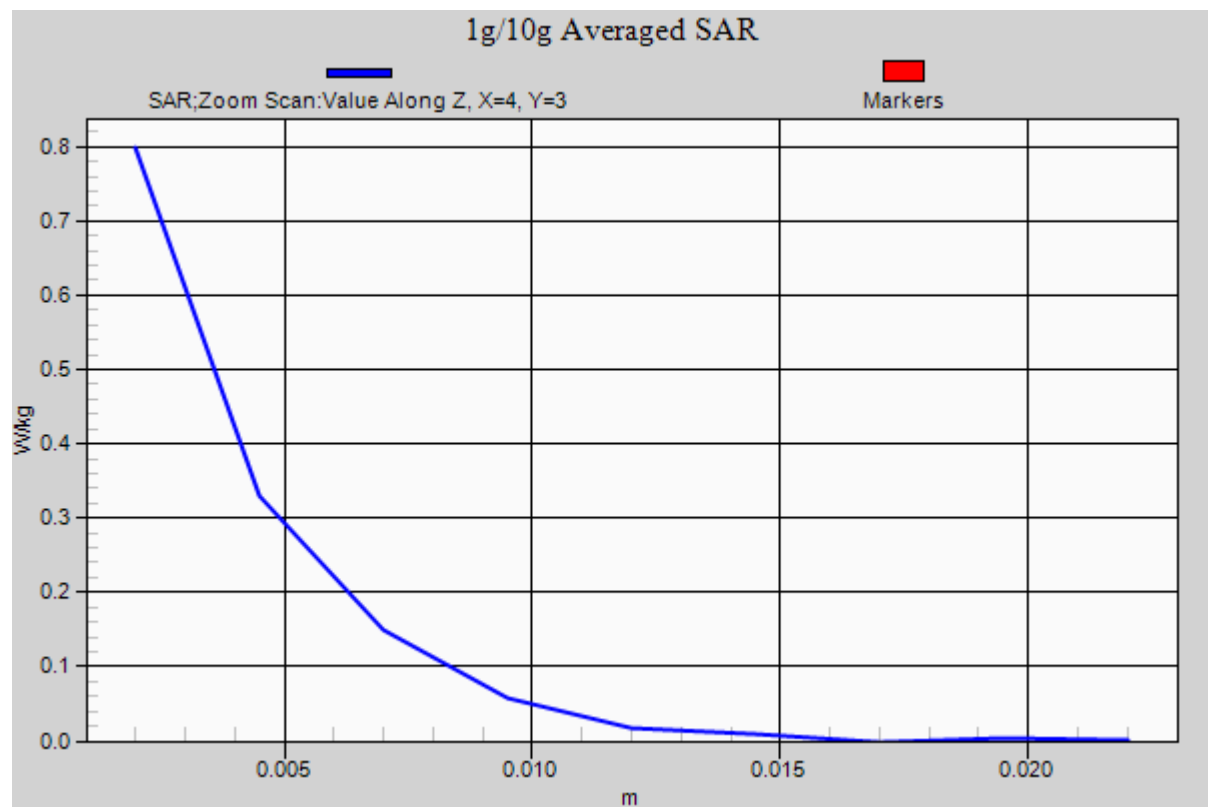
Reference Value = 4.082 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.405 mW/g

SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.108 mW/g

Maximum value of SAR (measured) = 0.798 W/kg





P129 802.11a_Left Tilted_Ch149**DUT: 121011C15**

Communication System: WLAN_5G; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: H5G_1016 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.29$ mho/m; $\epsilon_r = 35.408$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.44, 4.44, 4.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch149/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.657 W/kg

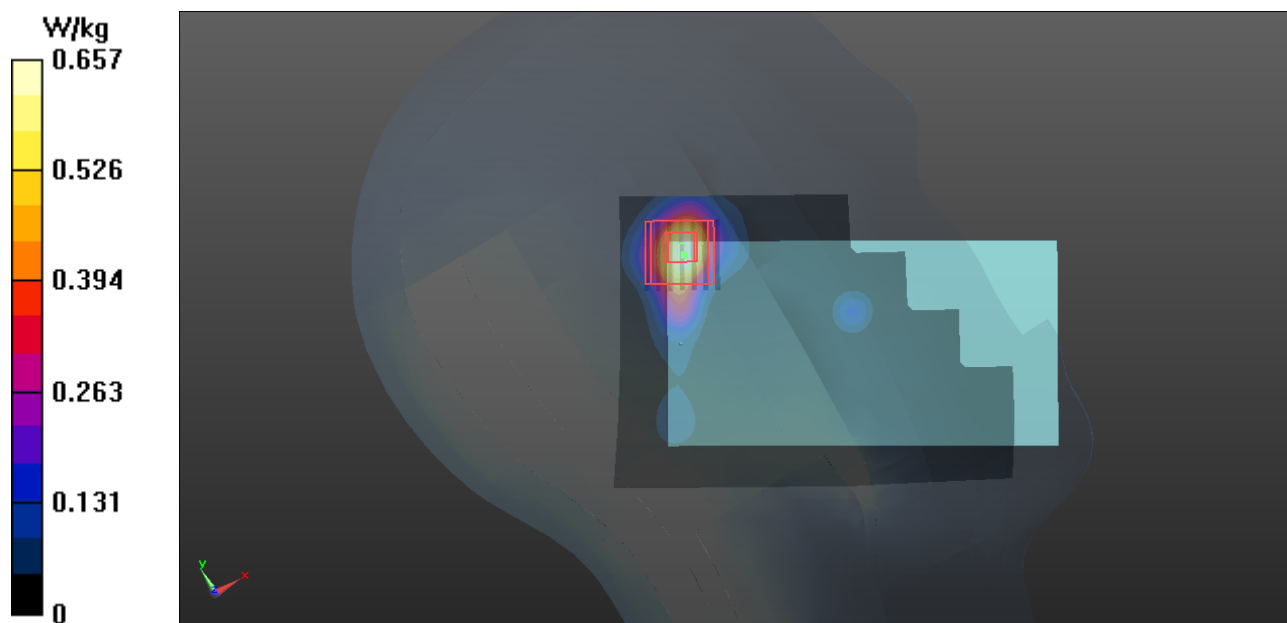
Ch149/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.353 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.085 mW/g

SAR(1 g) = 0.282 mW/g; SAR(10 g) = 0.090 mW/g

Maximum value of SAR (measured) = 0.556 W/kg



P05 GSM1900_GPRS10_Front Face_1cm_Ch512**DUT: 121011C15**

Communication System: GPRS10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.00037

Medium: B1900_1011 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.481$ mho/m; $\epsilon_r = 51.254$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.308 W/kg

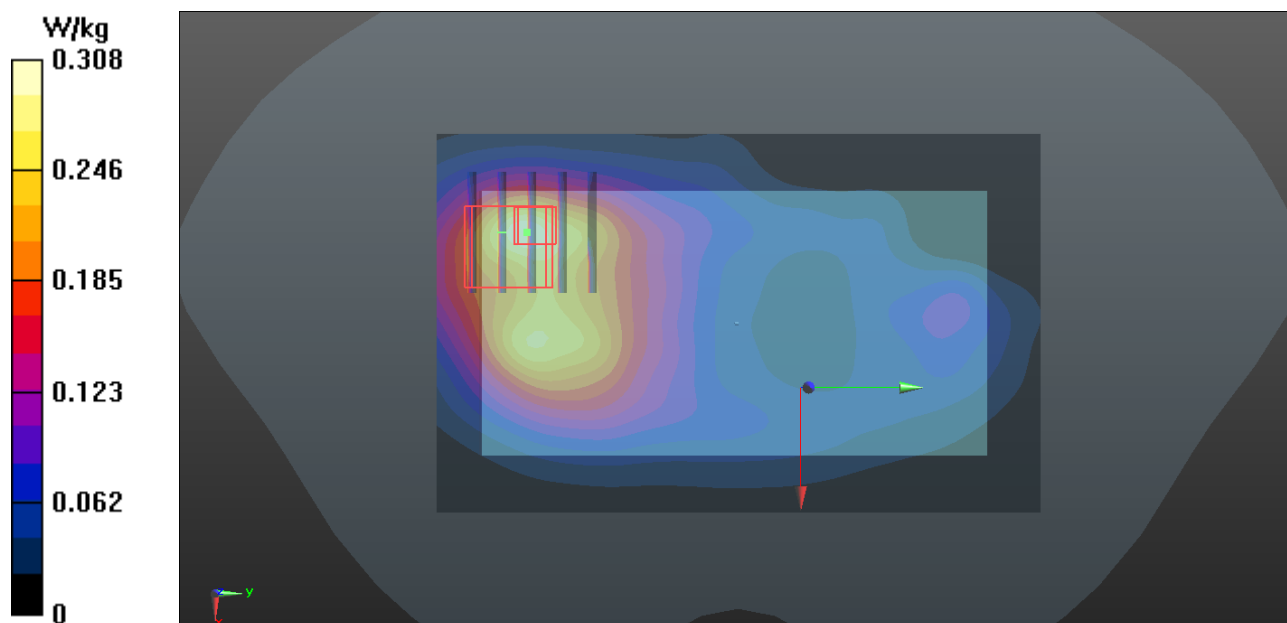
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.757 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.483 mW/g

SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.127 mW/g

Maximum value of SAR (measured) = 0.293 W/kg



P06 GSM1900_GPRS10_Rear Face_1cm_Ch512**DUT: 121011C15**

Communication System: GPRS10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.00037

Medium: B1900_1011 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.481$ mho/m; $\epsilon_r = 51.254$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

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

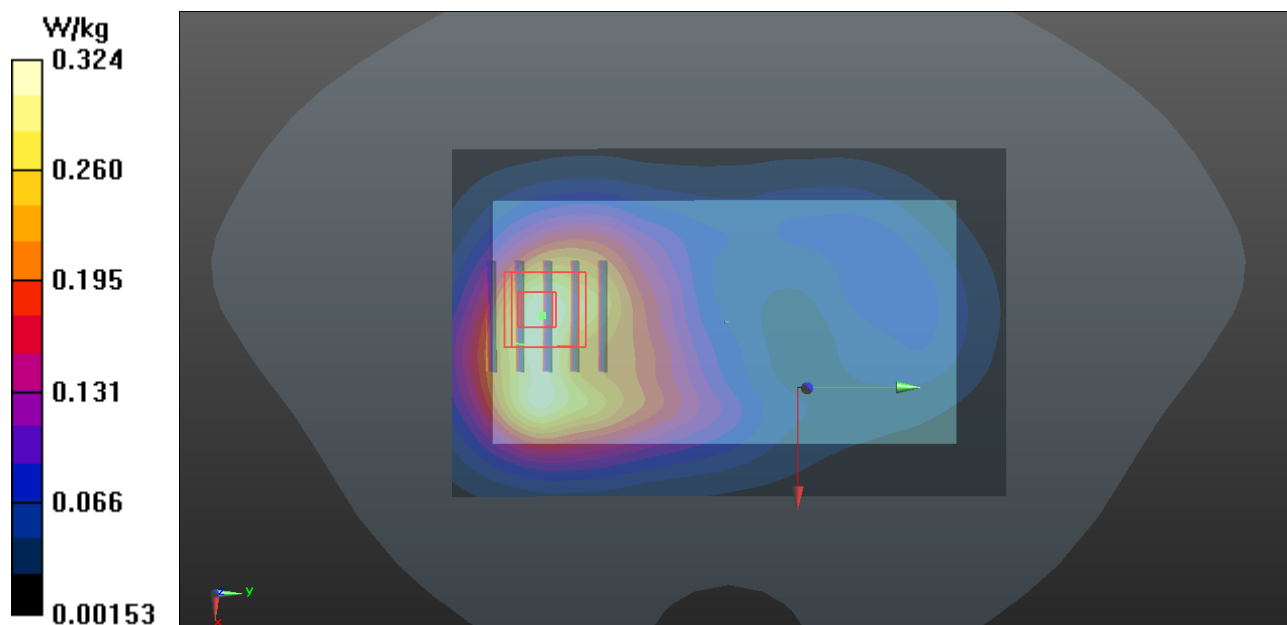
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.705 V/m; Power Drift = -0.30 dB

Peak SAR (extrapolated) = 0.365 mW/g

SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.145 mW/g

Maximum value of SAR (measured) = 0.302 W/kg



P07 GSM1900_GPRS10_Left Side_1cm_Ch512**DUT: 121011C15**

Communication System: GPRS10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.00037

Medium: B1900_1011 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.481$ mho/m; $\epsilon_r = 51.254$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm

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

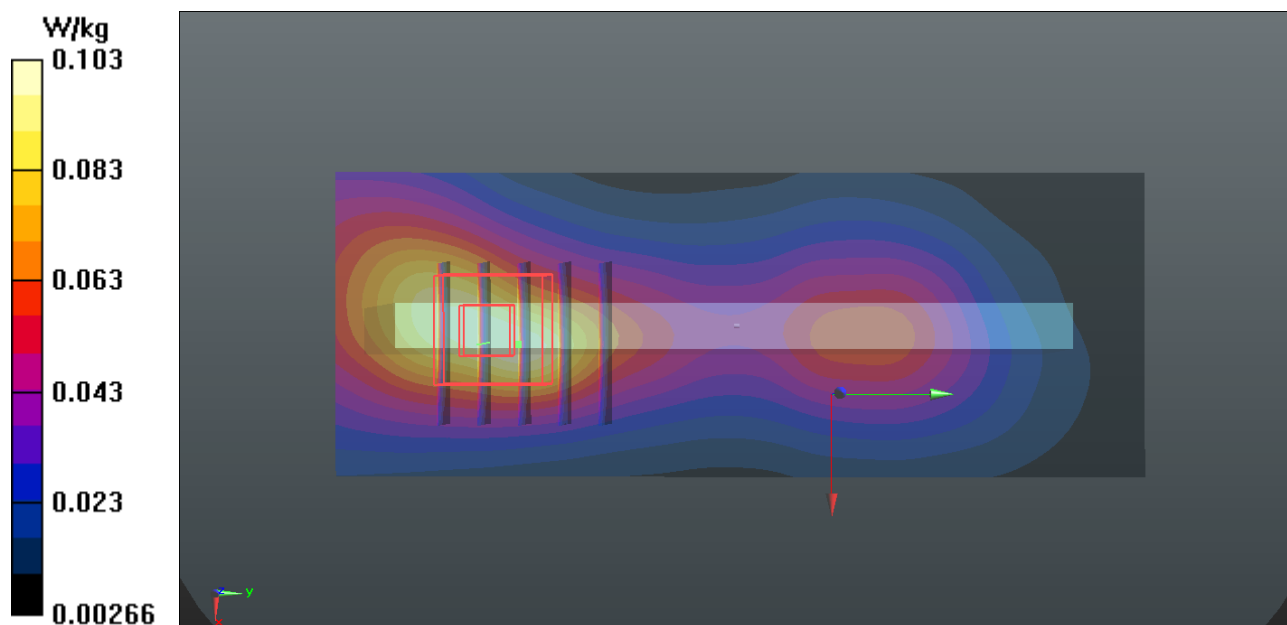
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.949 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.147 mW/g

SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.051 mW/g

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



P08 GSM1900_GPRS10_Bottom Side_1cm_Ch512**DUT: 121011C15**

Communication System: GPRS10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.00037

Medium: B1900_1011 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.481$ mho/m; $\epsilon_r = 51.254$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.366 W/kg

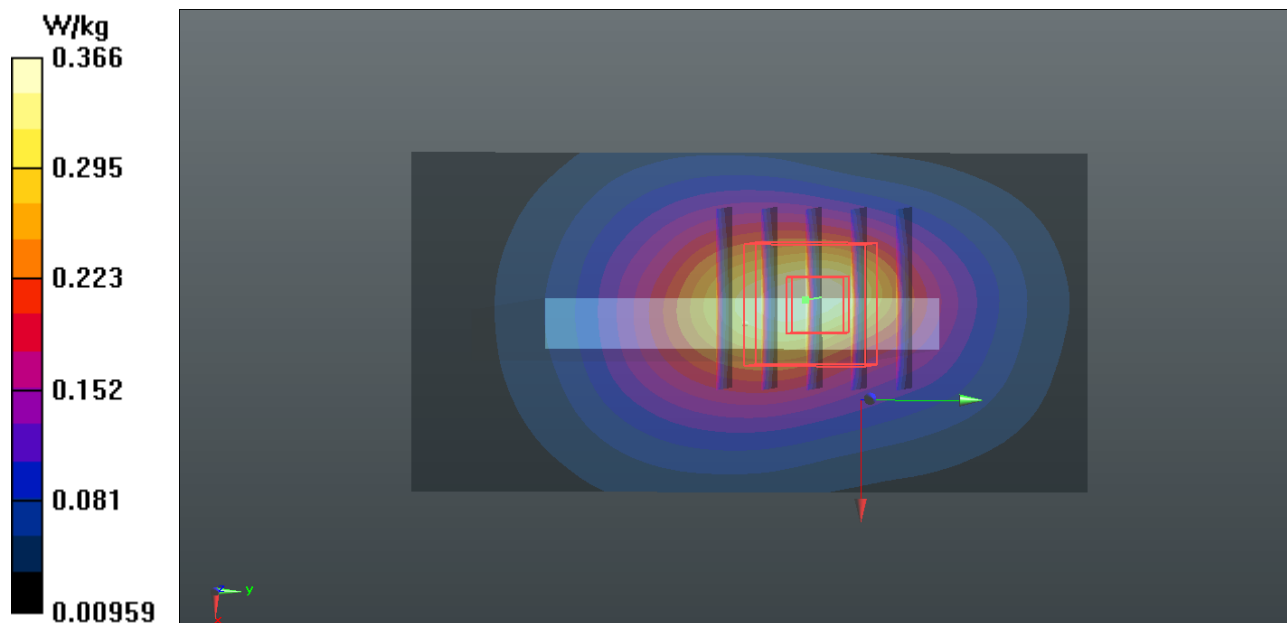
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.977 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.519 mW/g

SAR(1 g) = 0.311 mW/g; SAR(10 g) = 0.172 mW/g

Maximum value of SAR (measured) = 0.423 W/kg



P09 GSM1900_GPRS10_Front Face_1cm_Ch512_Earphone**DUT: 121011C15**

Communication System: GPRS10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.00037

Medium: B1900_1015 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.481$ mho/m; $\epsilon_r = 51.268$; $\rho =$ 1000 kg/m³

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.357 W/kg

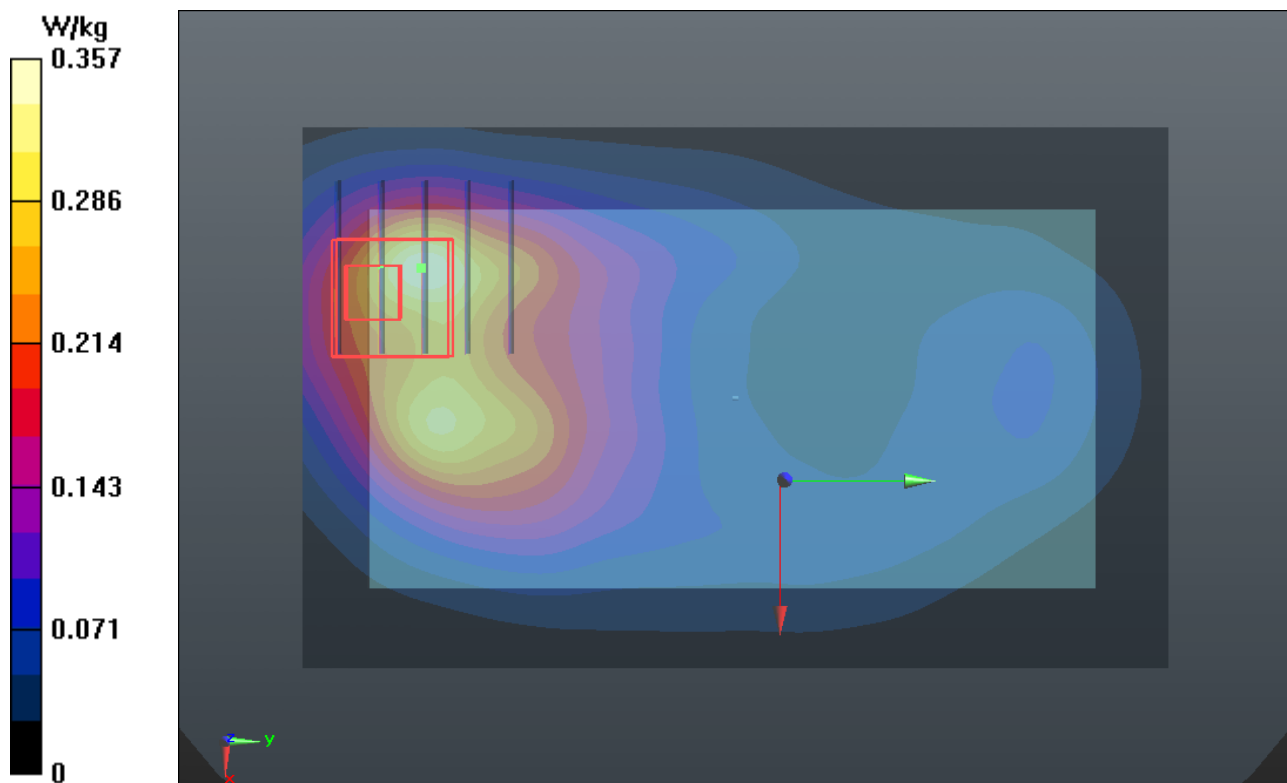
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.168 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.416 mW/g

SAR(1 g) = 0.246 mW/g; SAR(10 g) = 0.135 mW/g

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



P10 GSM1900_GPRS10_Rear Face_1cm_Ch512_Earphone**DUT: 121011C15**

Communication System: GPRS10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.00037

Medium: B1900_1015 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.481$ mho/m; $\epsilon_r = 51.268$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (51x81x1): Interpolated grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.419 W/kg

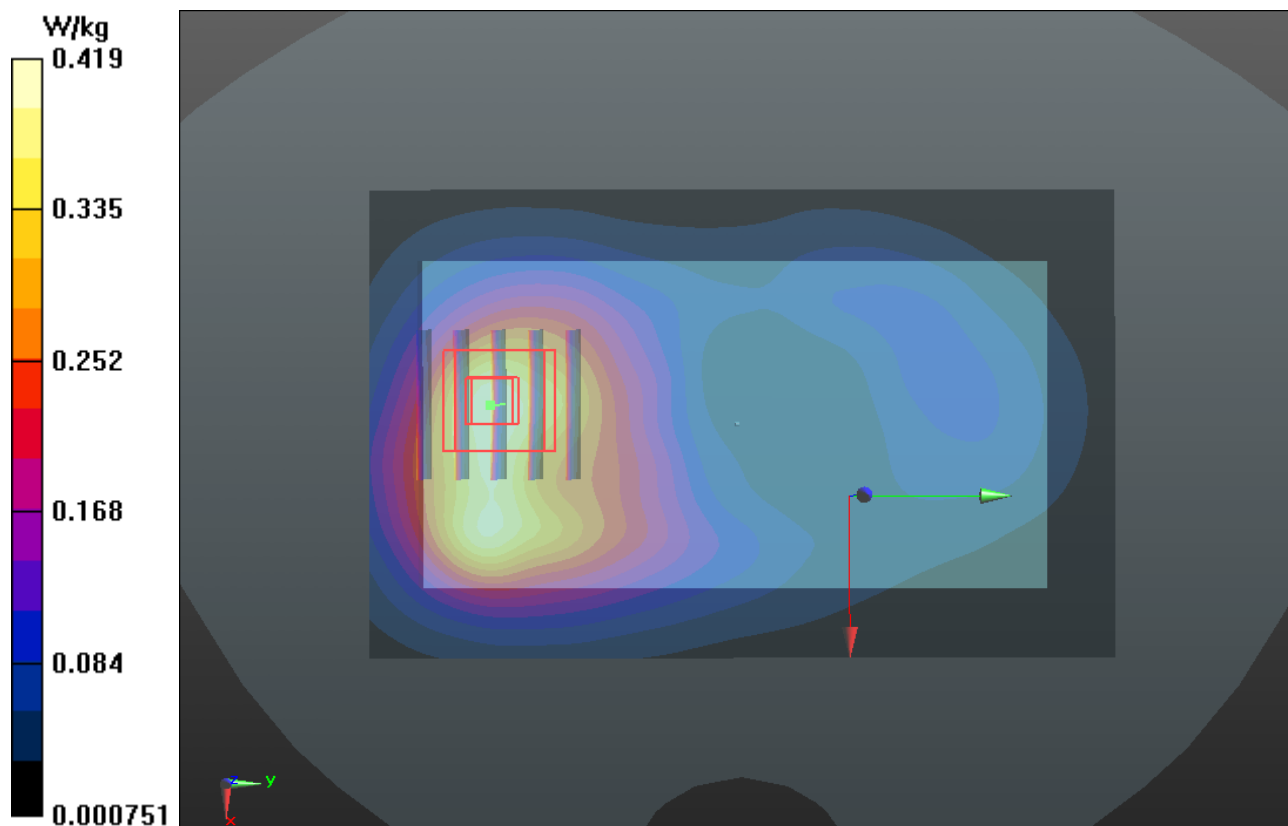
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.735 V/m; Power Drift = 0.11 dB

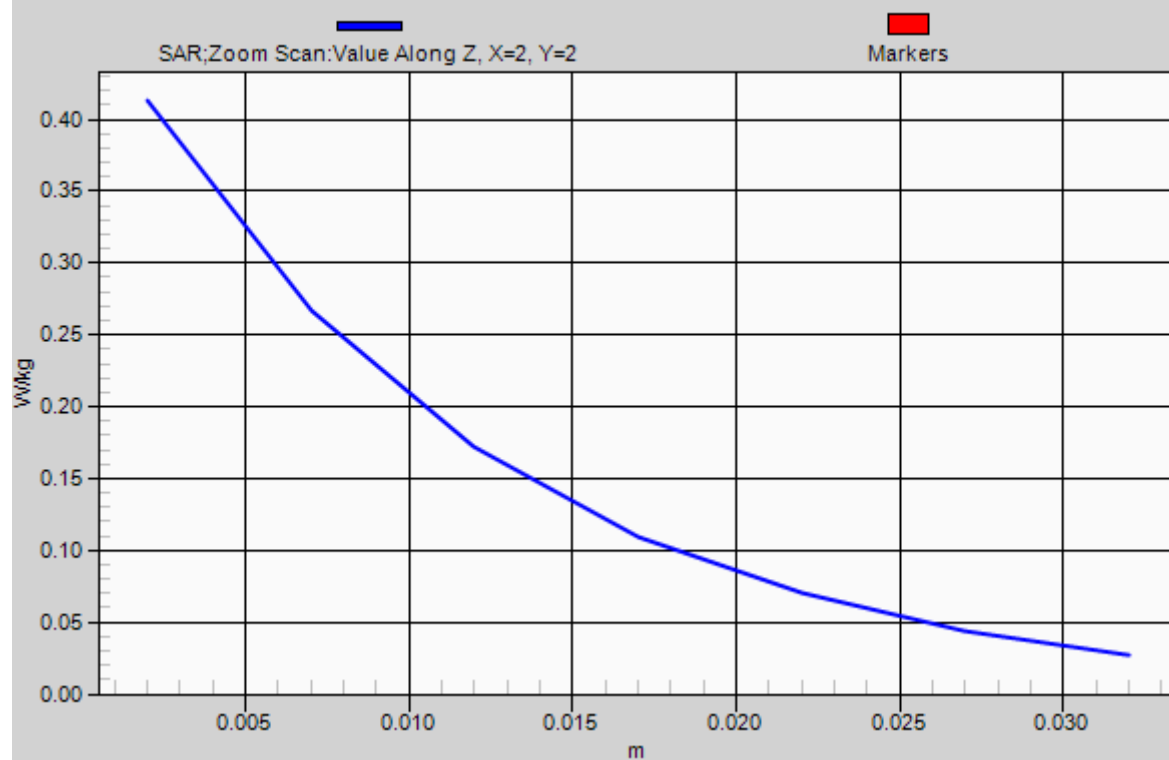
Peak SAR (extrapolated) = 0.494 mW/g

SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.195 mW/g

Maximum value of SAR (measured) = 0.413 W/kg



1g/10g Averaged SAR



P105 802.11b_Front Face_1cm_Ch1**DUT: 121011C15**

Communication System: WLAN_2.4G; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450_1015 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.886$ mho/m; $\epsilon_r = 51.142$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(7.34, 7.34, 7.34); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

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

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.927 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.130 mW/g

SAR(1 g) = 0.071 mW/g; SAR(10 g) = 0.041 mW/g

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

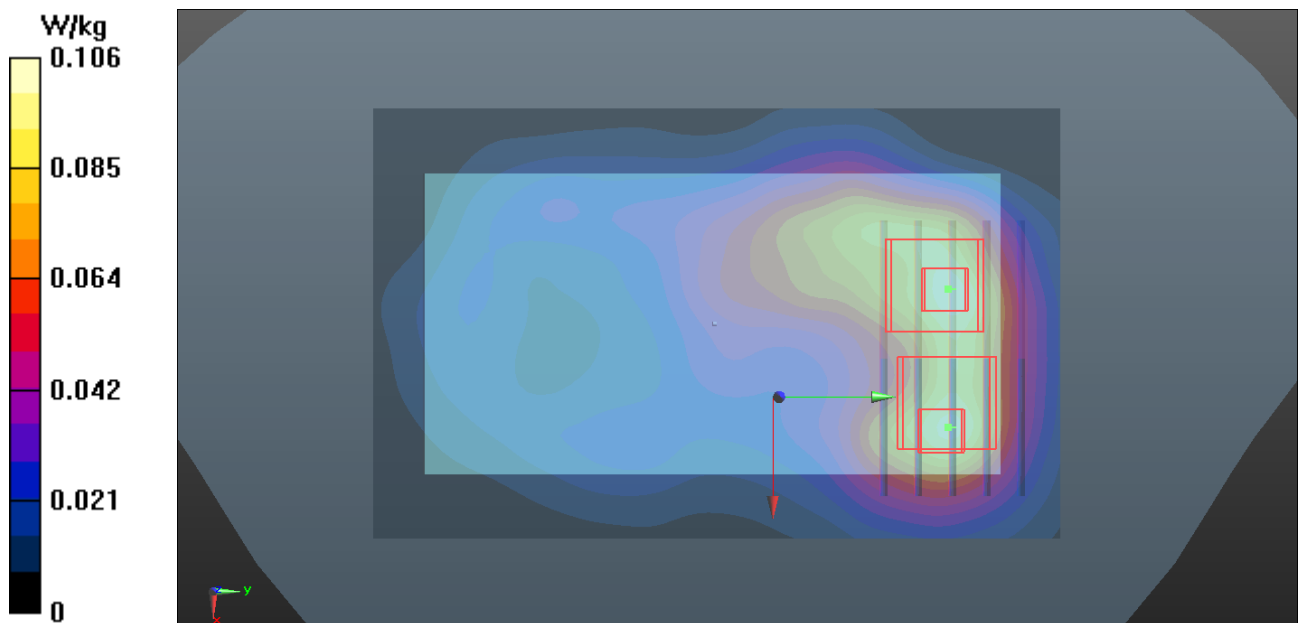
Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.927 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.125 mW/g

SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.038 mW/g

Maximum value of SAR (measured) = 0.0911 W/kg



P106 802.11b_Rear Face_1cm_Ch1**DUT: 121011C15**

Communication System: WLAN_2.4G; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450_1015 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.886$ mho/m; $\epsilon_r = 51.142$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(7.34, 7.34, 7.34); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

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

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.349 V/m; Power Drift = 0.029 dB

Peak SAR (extrapolated) = 0.179 mW/g

SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.041 mW/g

Maximum value of SAR (measured) = 0.126 W/kg

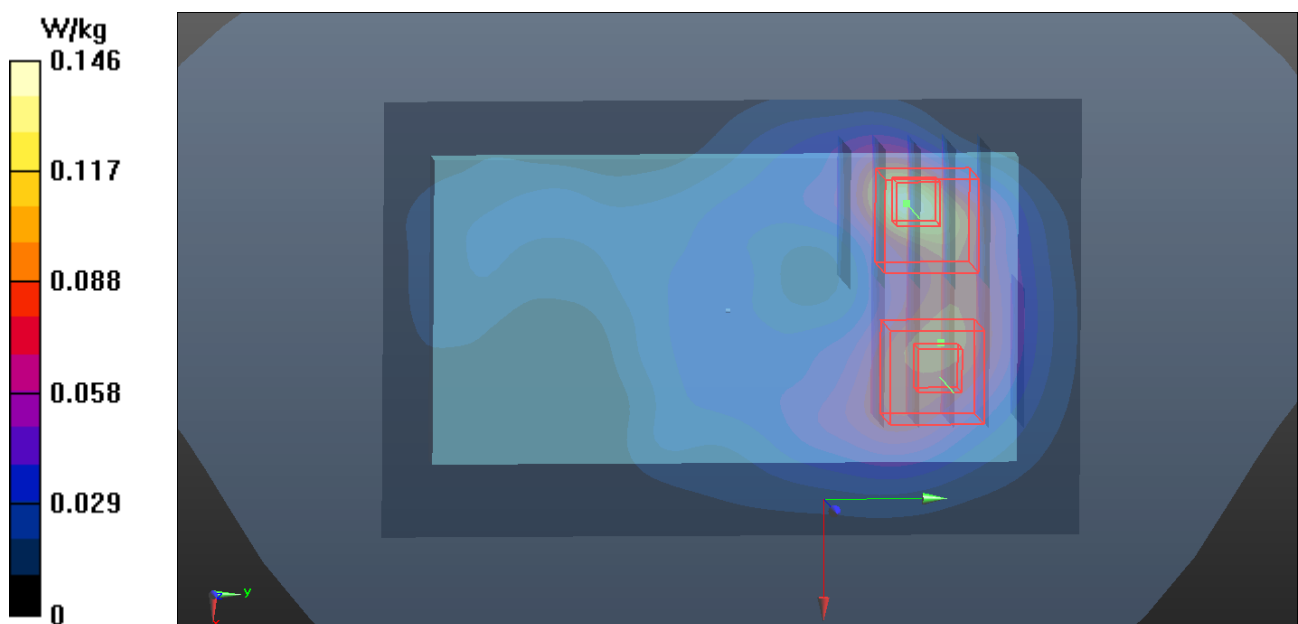
Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

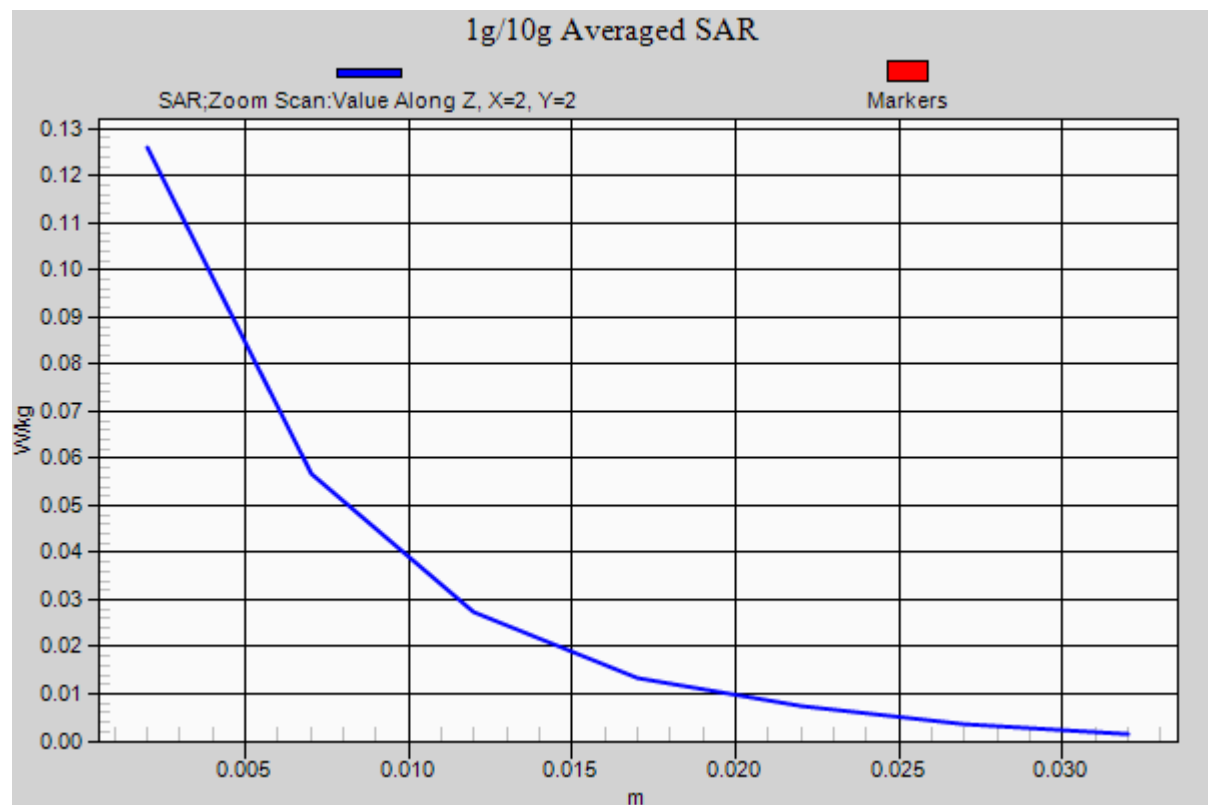
Reference Value = 4.349 V/m; Power Drift = 0.029 dB

Peak SAR (extrapolated) = 0.121 mW/g

SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.040 mW/g

Maximum value of SAR (measured) = 0.0931 W/kg





P107 802.11b_Right Side_1cm_Ch1**DUT: 121011C15**

Communication System: WLAN_2.4G; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450_1015 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.886$ mho/m; $\epsilon_r = 51.142$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(7.34, 7.34, 7.34); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

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

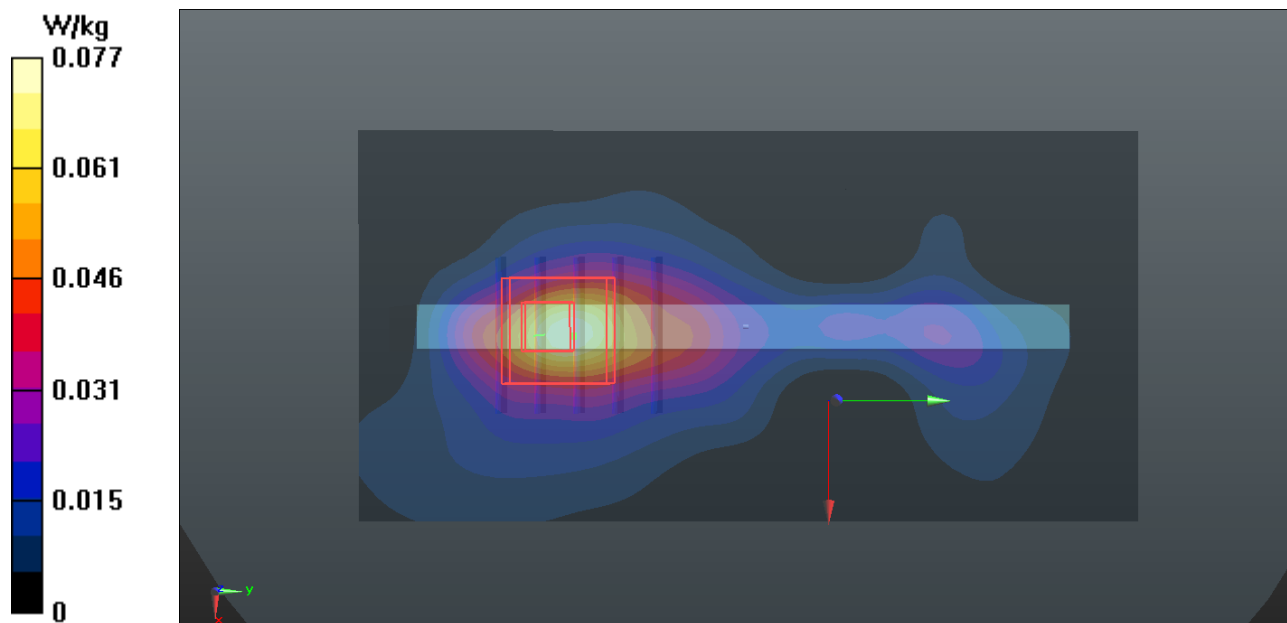
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.465 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.100 mW/g

SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.0707 W/kg



P108 802.11b_Top Side_1cm_Ch1**DUT: 121011C15**

Communication System: WLAN_2.4G; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450_1015 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.886$ mho/m; $\epsilon_r = 51.142$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(7.34, 7.34, 7.34); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.114 W/kg

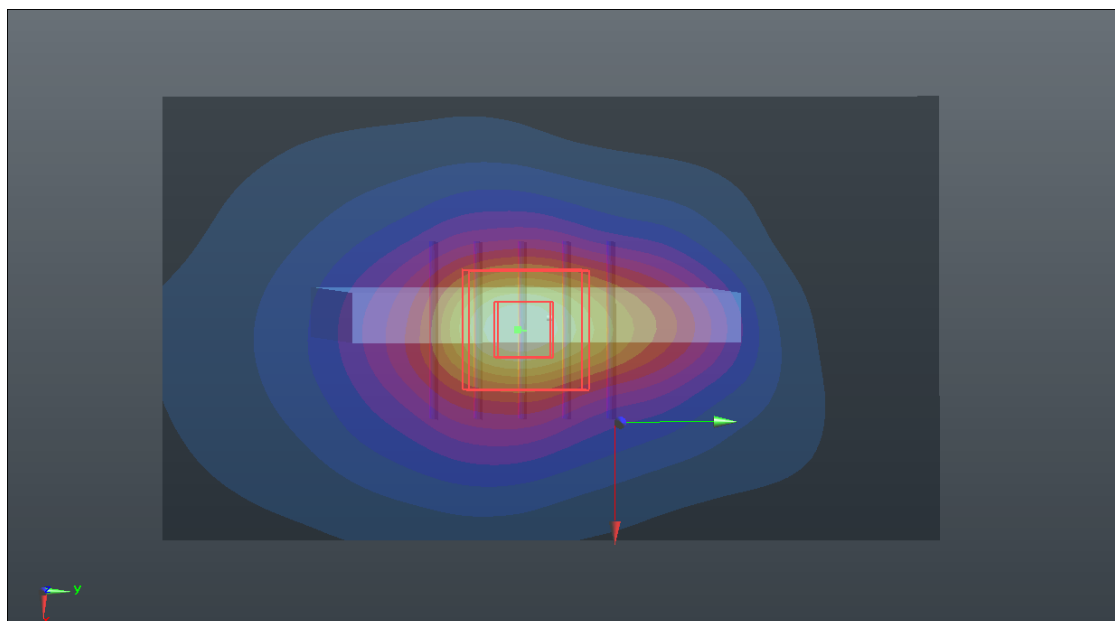
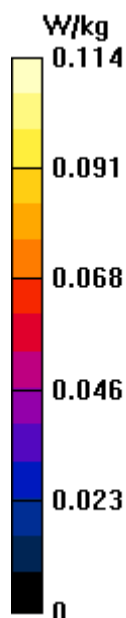
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.467 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.143 mW/g

SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.042 mW/g

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



P109 802.11b_Front Face_1cm_Ch1_Earphone**DUT: 121011C15**

Communication System: WLAN_2.4G; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450_1015 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.886$ mho/m; $\epsilon_r = 51.142$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(7.34, 7.34, 7.34); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

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

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.690 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.122 mW/g

SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.037 mW/g

Maximum value of SAR (measured) = 0.0921 W/kg

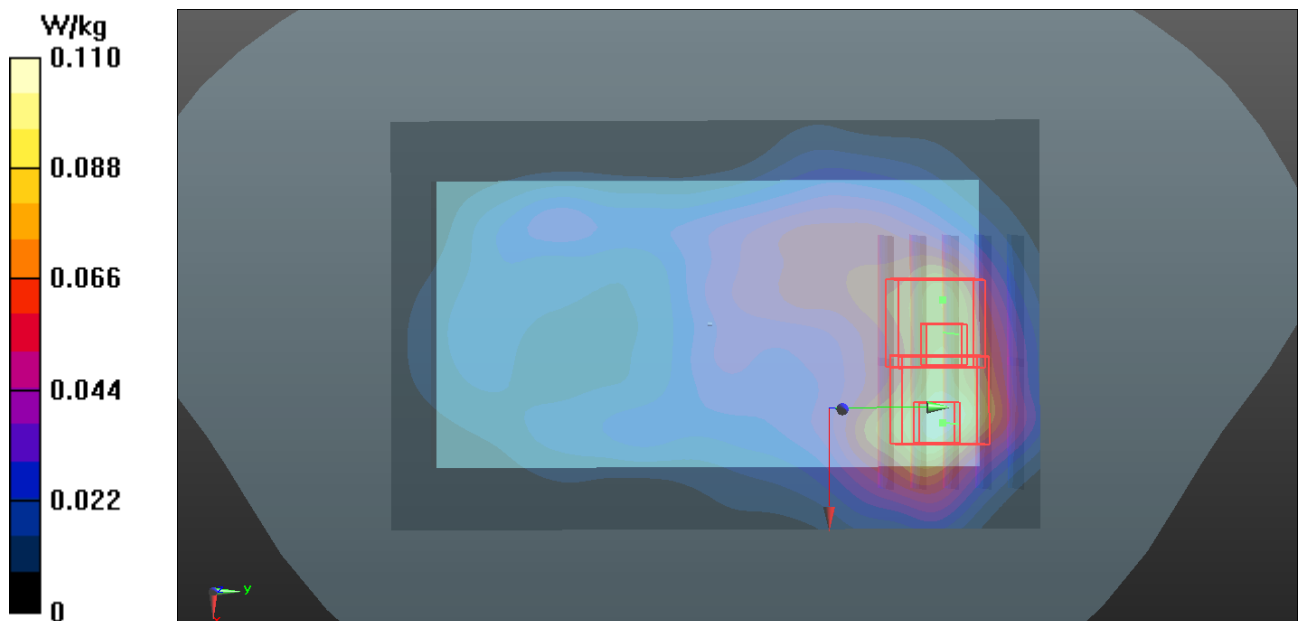
Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.690 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.113 mW/g

SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.036 mW/g

Maximum value of SAR (measured) = 0.0863 W/kg



P110 802.11b_Rear Face_1cm_Ch1_Earphone**DUT: 121011C15**

Communication System: WLAN_2.4G; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450_1015 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.886$ mho/m; $\epsilon_r = 51.142$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(7.34, 7.34, 7.34); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.136 W/kg

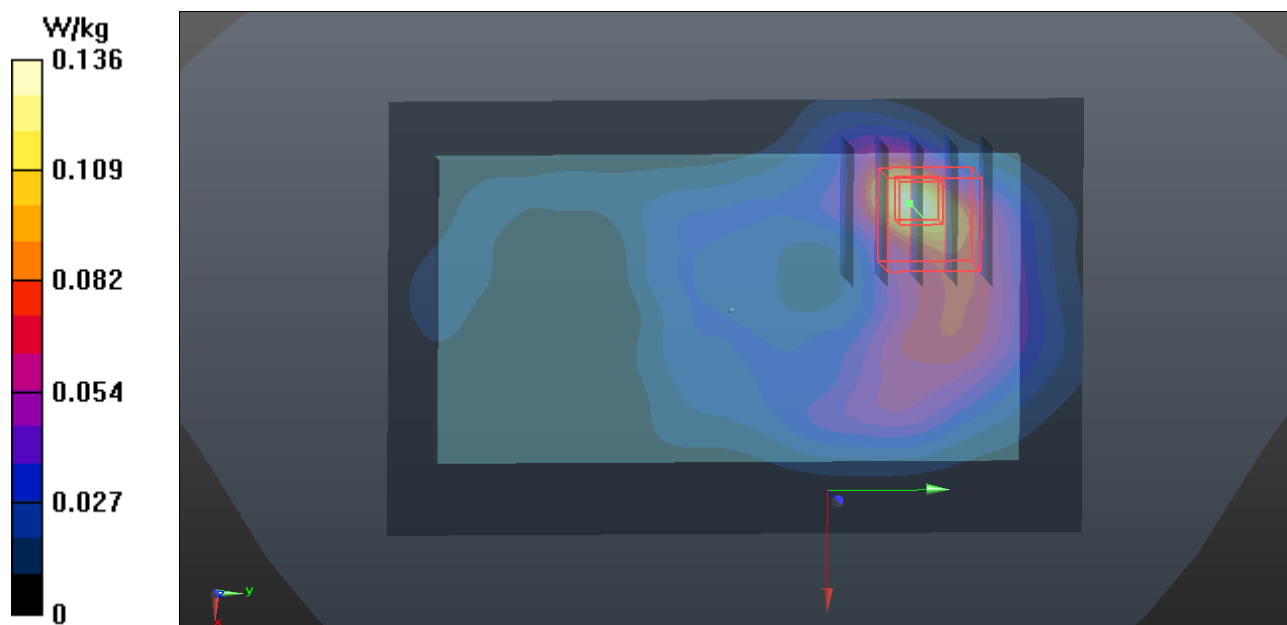
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.933 V/m; Power Drift = 0.043 dB

Peak SAR (extrapolated) = 0.163 mW/g

SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.037 mW/g

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



P135 802.11a_Front Face_1cm_Ch48_Earphone**DUT: 121011C15**

Communication System: WLAN_5G; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: B5G_1017 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.359$ mho/m; $\epsilon_r = 48.851$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.19, 4.19, 4.19); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch48/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0661 W/kg

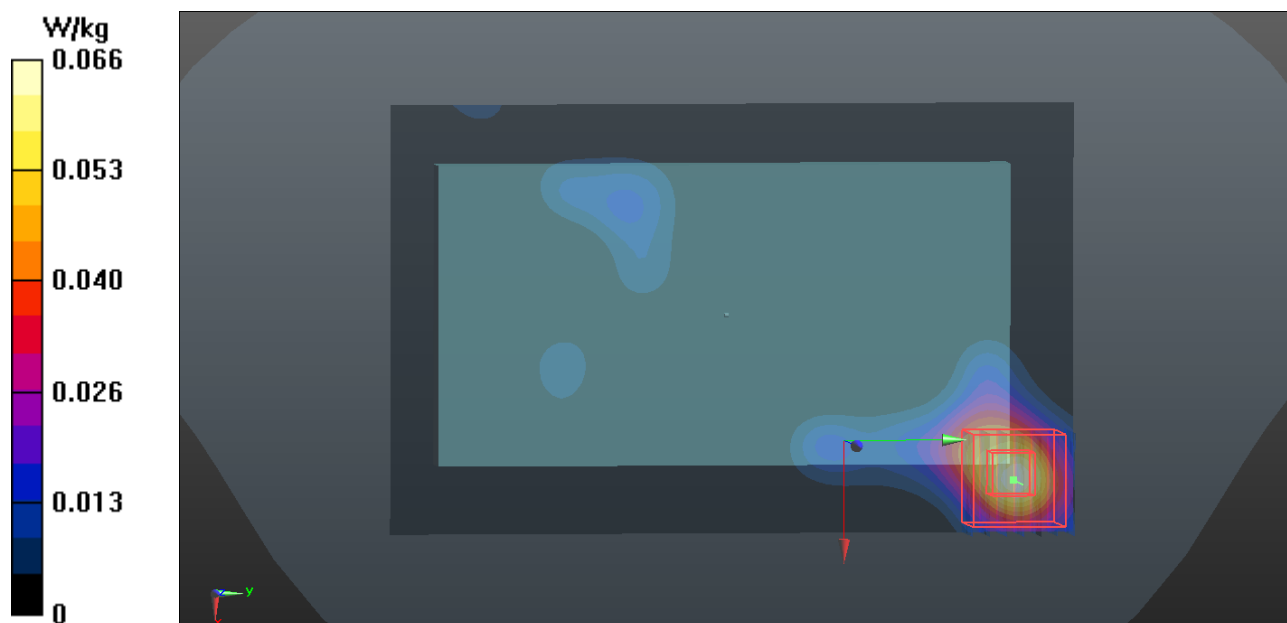
Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.195 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.073 mW/g

SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.00939 mW/g

Maximum value of SAR (measured) = 0.0634 W/kg



P136 802.11a_Rear Face_1cm_Ch48_Earphone**DUT: 121011C15**

Communication System: WLAN_5G; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: B5G_1017 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.359$ mho/m; $\epsilon_r = 48.851$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.19, 4.19, 4.19); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch48/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

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

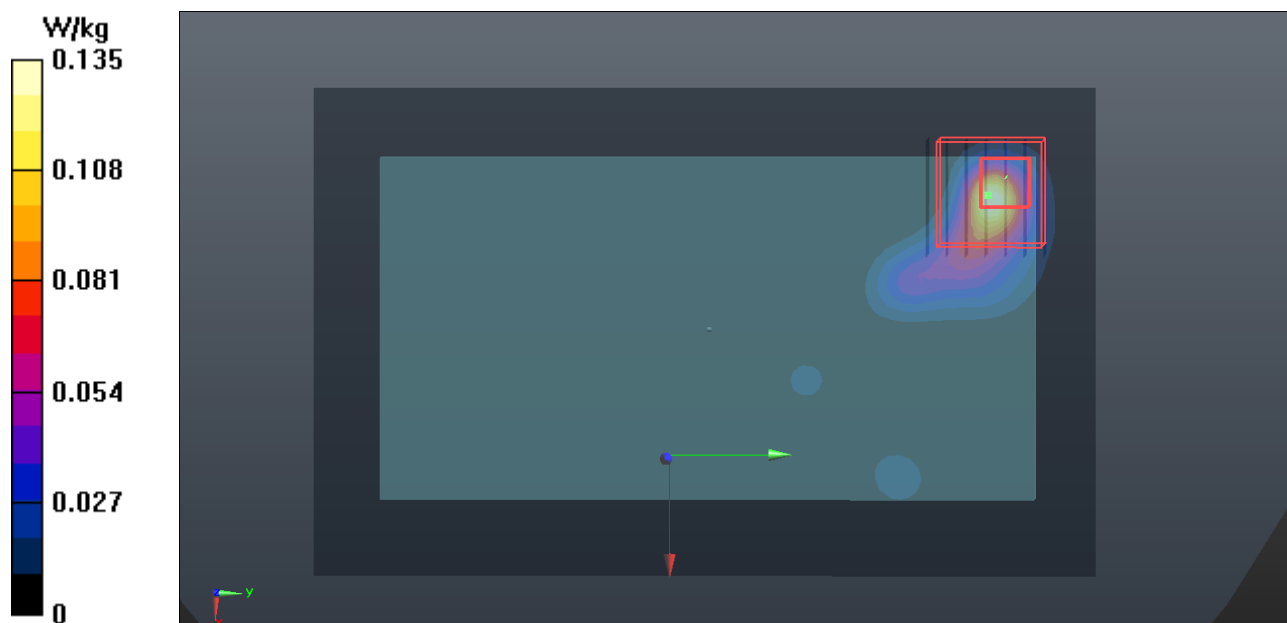
Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.156 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.219 mW/g

SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.019 mW/g

Maximum value of SAR (measured) = 0.125 W/kg



P137 802.11n_HT40_Rear Face_1cm_Ch46_Earphone**DUT: 121011C15**

Communication System: WLAN_5G; Frequency: 5230 MHz; Duty Cycle: 1:1

Medium: B5G_1017 Medium parameters used: $f = 5230$ MHz; $\sigma = 5.338$ mho/m; $\epsilon_r = 48.851$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.19, 4.19, 4.19); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch46/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

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

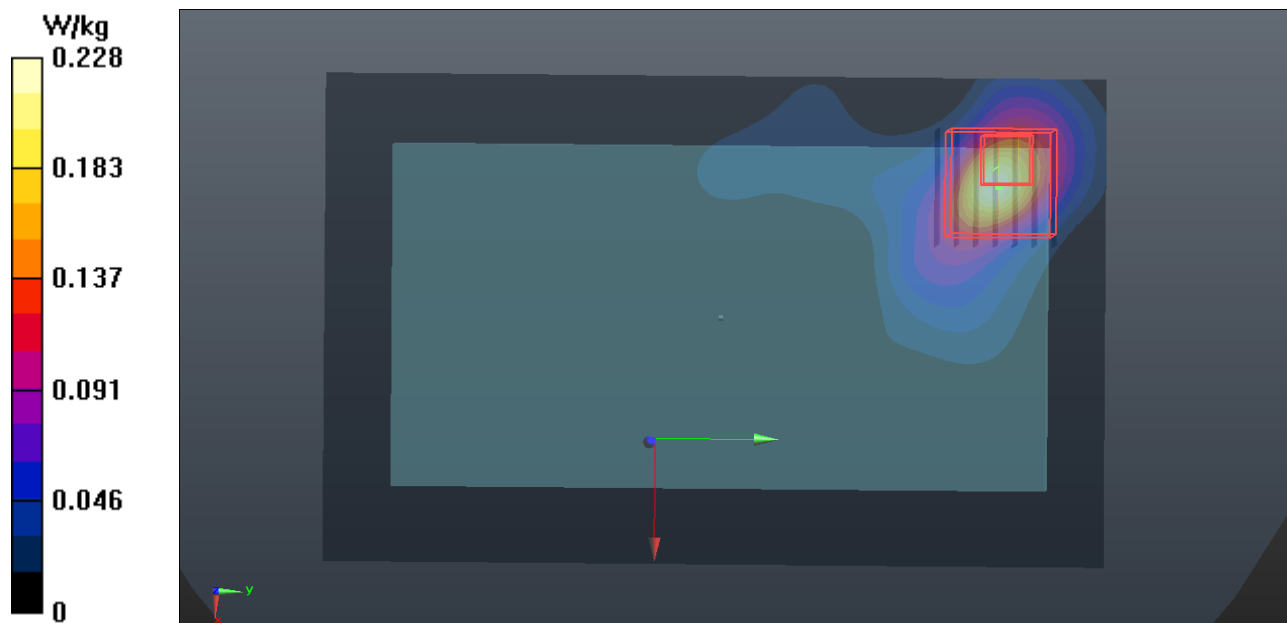
Ch46/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.597 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.420 mW/g

SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.034 mW/g

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



P138 802.11a_Front Face_1cm_Ch64_Earphone**DUT: 121011C15**

Communication System: WLAN_5G; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: B5G_1017 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.438$ mho/m; $\epsilon_r = 48.649$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4, 4, 4); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch64/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0459 W/kg

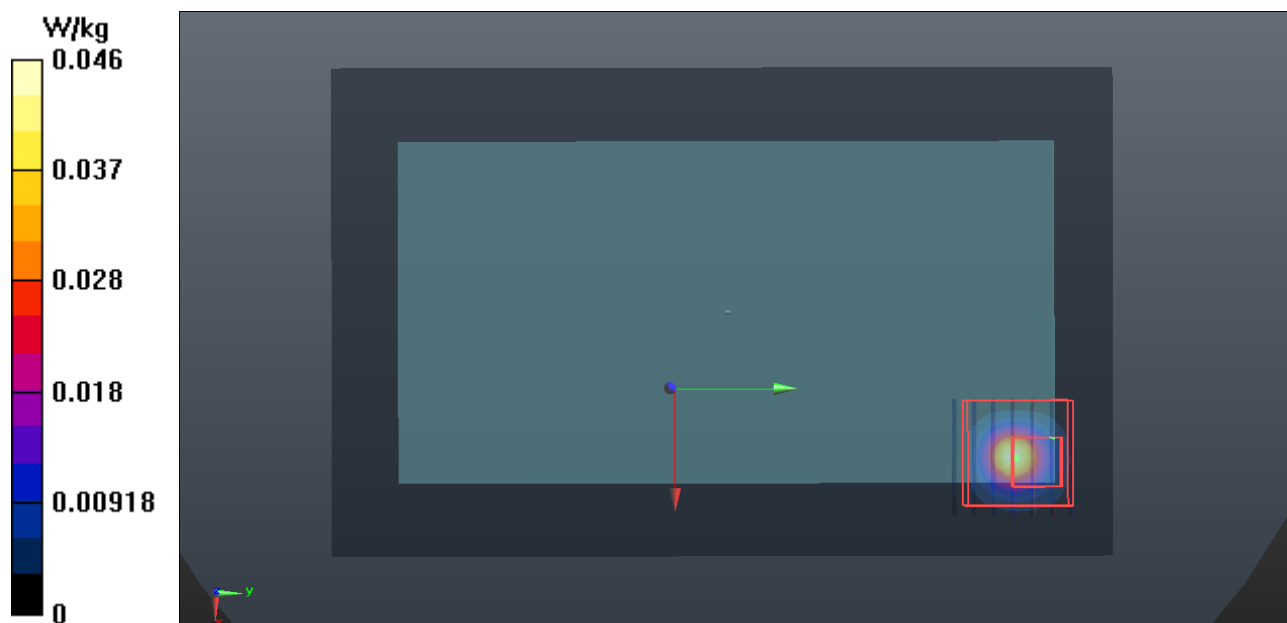
Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.260 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.104 mW/g

SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.00947 mW/g

Maximum value of SAR (measured) = 0.0630 W/kg



P139 802.11a_Rear Face_1cm_Ch64_Earphone**DUT: 121011C15**

Communication System: WLAN_5G; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: B5G_1017 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.438$ mho/m; $\epsilon_r = 48.649$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4, 4, 4); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch64/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

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

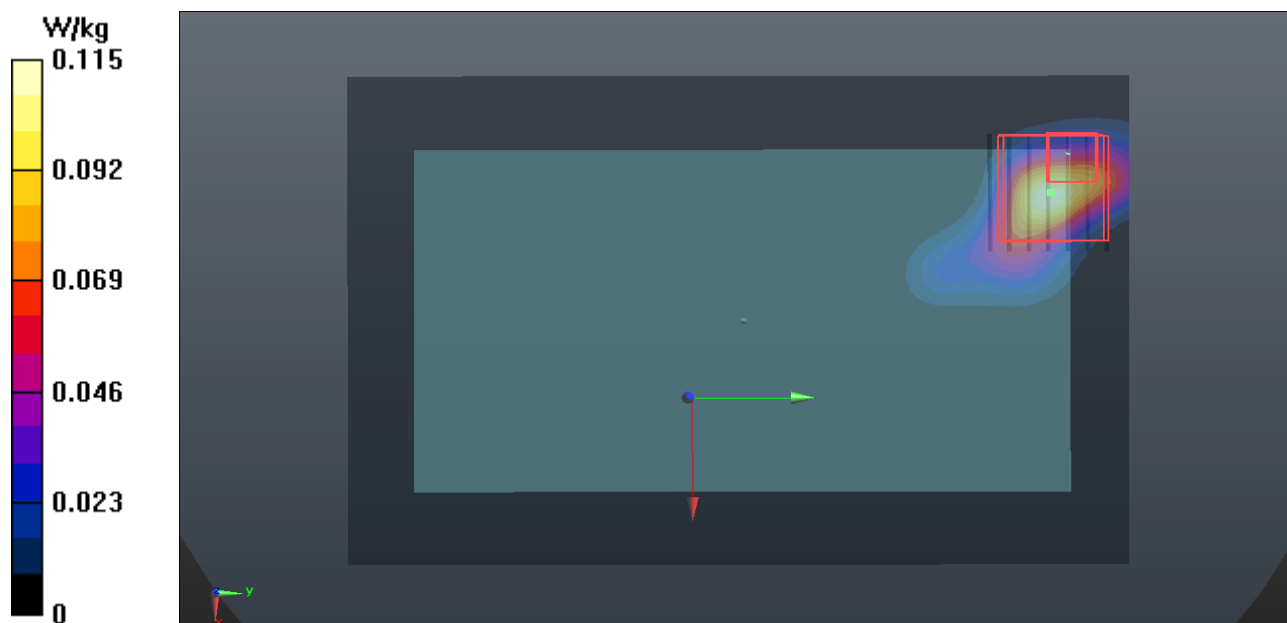
Ch64/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.722 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.259 mW/g

SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.018 mW/g

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



P140 802.11n_HT40_Rear Face_1cm_Ch62_Earphone**DUT: 121011C15**

Communication System: WLAN_5G; Frequency: 5310 MHz; Duty Cycle: 1:1

Medium: B5G_1017 Medium parameters used: $f = 5310$ MHz; $\sigma = 5.423$ mho/m; $\epsilon_r = 48.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4, 4, 4); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch62/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

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

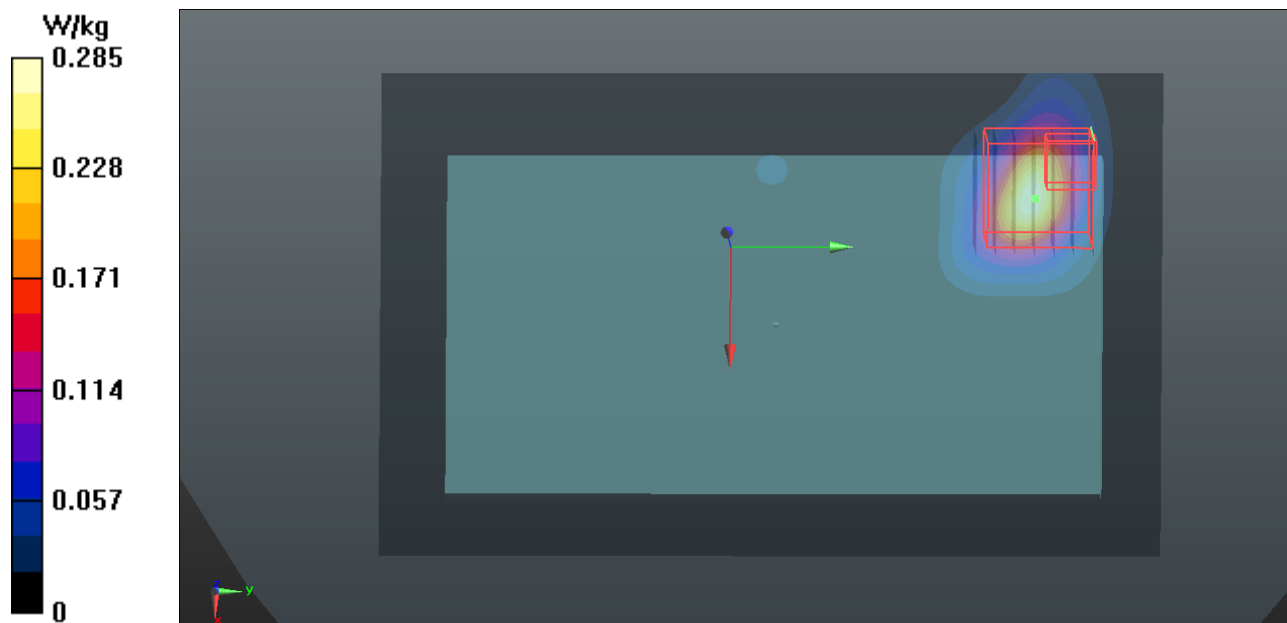
Ch62/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.288 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.356 mW/g

SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.021 mW/g

Maximum value of SAR (measured) = 0.200 W/kg



P141 802.11a_Front Face_1cm_Ch100_Earphone**DUT: 121011C15**

Communication System: WLAN_5G; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: B5G_1017 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.717$ mho/m; $\epsilon_r = 48.431$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(3.7, 3.7, 3.7); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch100/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

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

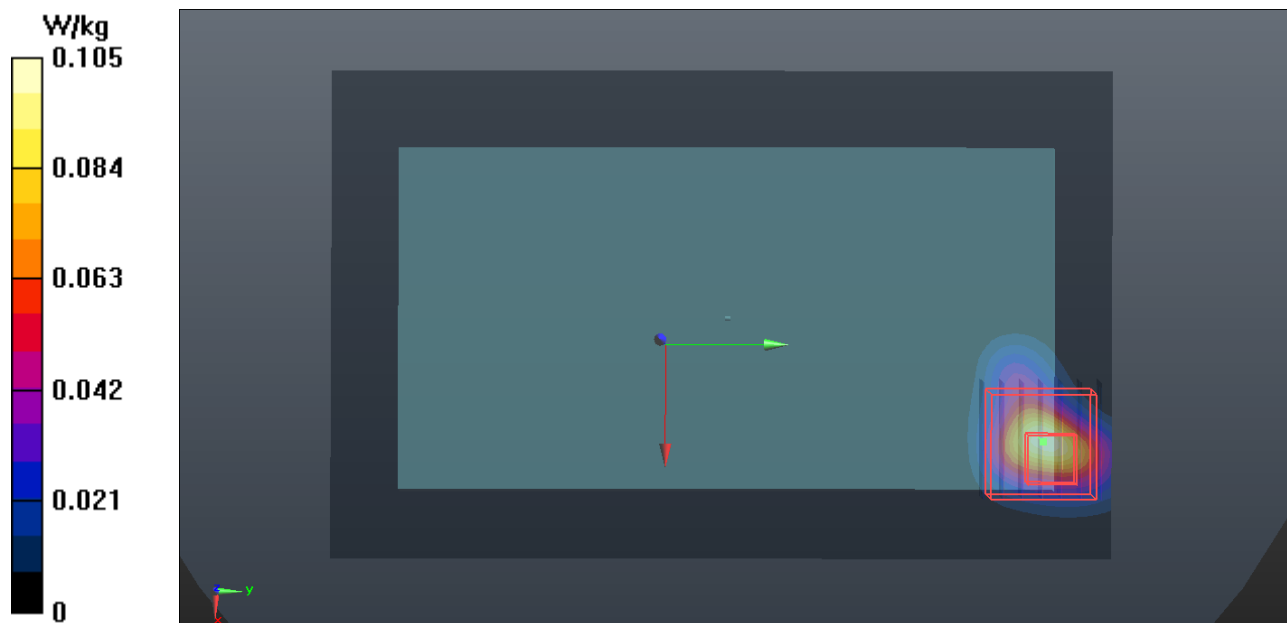
Ch100/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.271 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.173 mW/g

SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.020 mW/g

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



P142 802.11a_Rear Face_1cm_Ch100_Earphone**DUT: 121011C15**

Communication System: WLAN_5G; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: B5G_1017 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.717$ mho/m; $\epsilon_r = 48.431$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(3.7, 3.7, 3.7); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch100/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

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

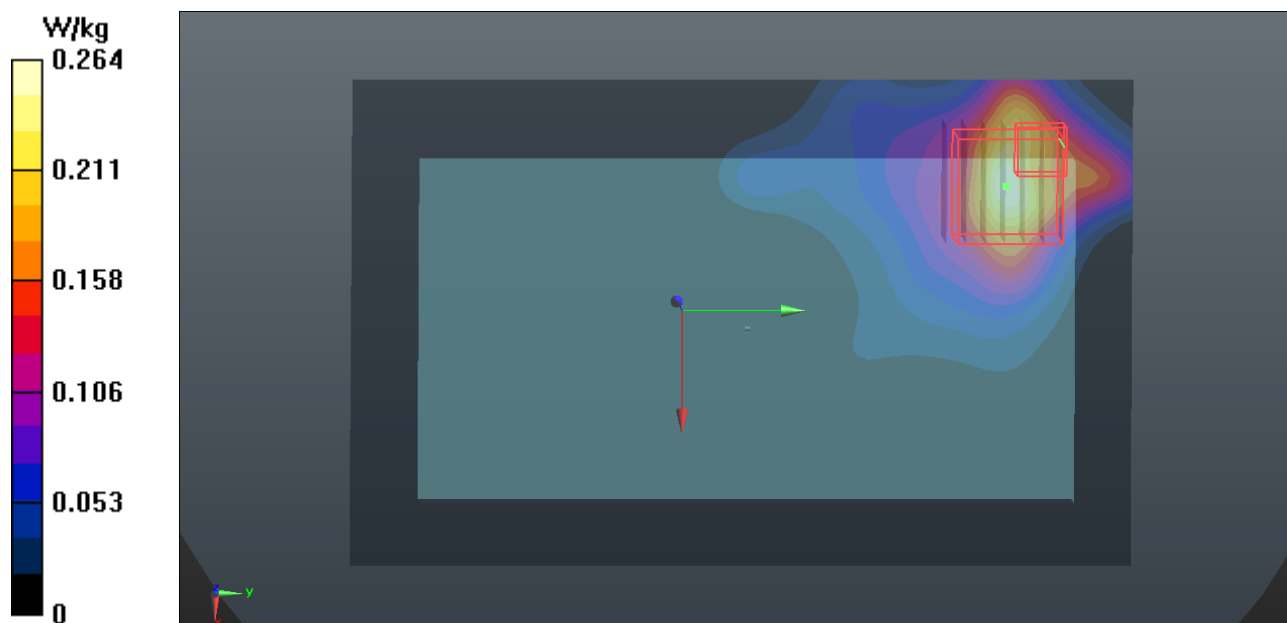
Ch100/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.850 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.572 mW/g

SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.033 mW/g

Maximum value of SAR (measured) = 0.337 W/kg



P143 802.11n_HT40_Rear Face_1cm_Ch102_Earphone**DUT: 121011C15**

Communication System: WLAN_5G; Frequency: 5510 MHz; Duty Cycle: 1:1

Medium: B5G_1017 Medium parameters used: $f = 5510$ MHz; $\sigma = 5.711$ mho/m; $\epsilon_r = 48.417$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(3.7, 3.7, 3.7); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch102/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.408 W/kg

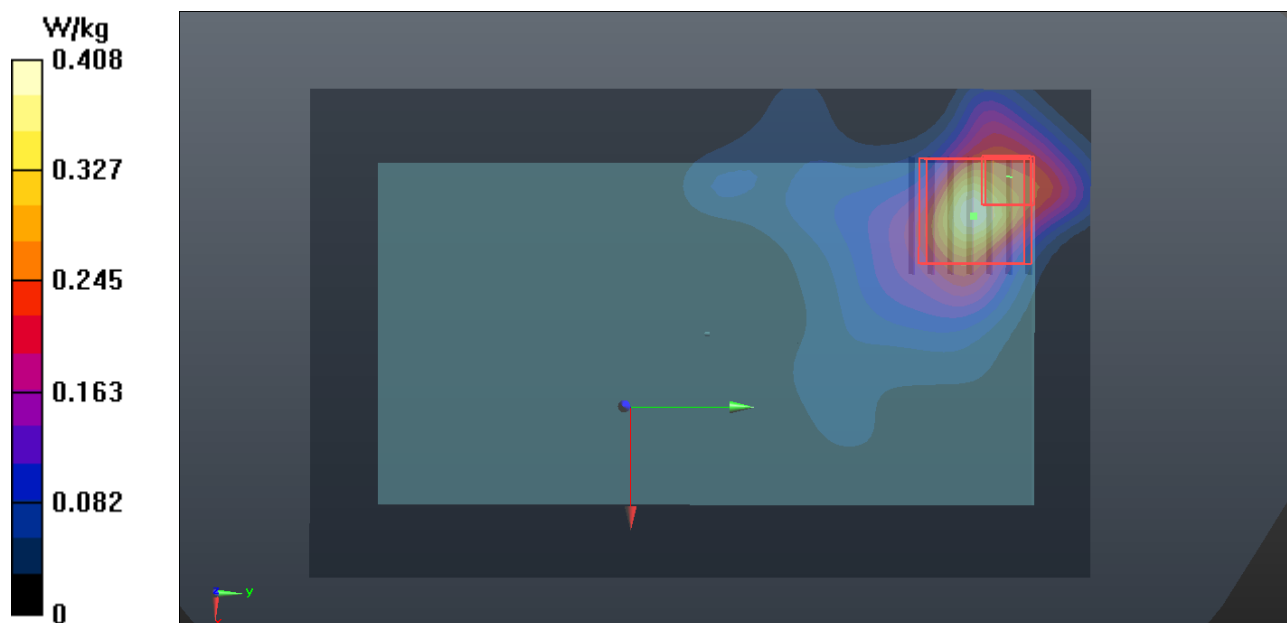
Ch102/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.118 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.754 mW/g

SAR(1 g) = 0.197 mW/g; SAR(10 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.416 W/kg



P148 802.11a_Front Face_1cm_Ch149_Earphone**DUT: 121011C15**

Communication System: WLAN_5G; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: B5G_1017 Medium parameters used: $f = 5745$ MHz; $\sigma = 6.027$ mho/m; $\epsilon_r = 48.013$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(3.82, 3.82, 3.82); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch149/Area Scan (121x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0966 W/kg

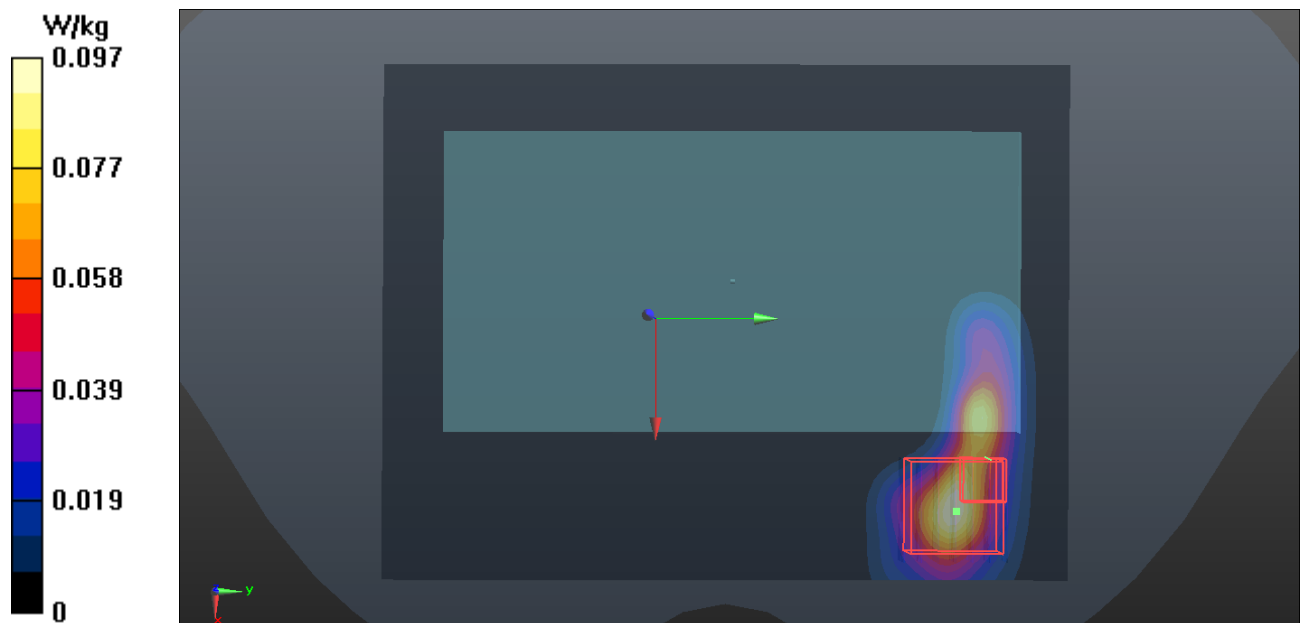
Ch149/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.451 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.328 mW/g

SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.014 mW/g

Maximum value of SAR (measured) = 0.129 W/kg



P149 802.11a_Rear Face_1cm_Ch149_Earphone**DUT: 121011C15**

Communication System: WLAN_5G; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: B5G_1017 Medium parameters used: $f = 5745$ MHz; $\sigma = 6.027$ mho/m; $\epsilon_r = 48.013$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(3.82, 3.82, 3.82); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch149/Area Scan (121x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.432 W/kg

Ch149/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.875 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.843 mW/g

SAR(1 g) = 0.233 mW/g; SAR(10 g) = 0.074 mW/g

Maximum value of SAR (measured) = 0.460 W/kg

