

198 CDMA2000 BC15_RTAP 153.6_Bottom Side_1.0cm_Ch25**DUT: 230902**

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120424 Medium parameters used: $f = 1711.25$ MHz; $\sigma = 1.468$ mho/m; $\epsilon_r =$ 55.797 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch25/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.343 mW/g

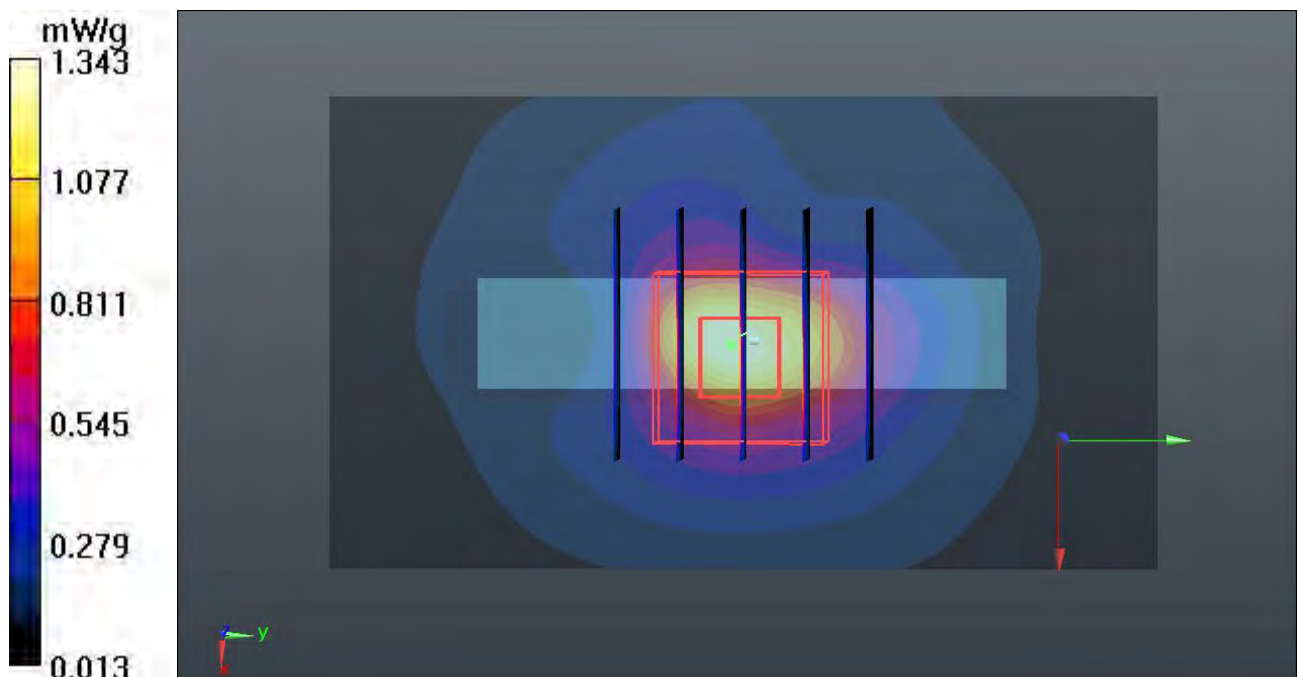
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.629 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.2630

SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.610 mW/g

Maximum value of SAR (measured) = 1.317 mW/g



199 CDMA2000 BC15_RTAP 153.6_Front_1.0cm_Ch425**DUT: 230902**

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120424 Medium parameters used: $f = 1731.25$ MHz; $\sigma = 1.489$ mho/m; $\epsilon_r =$ 55.758; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch425/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.338 mW/g

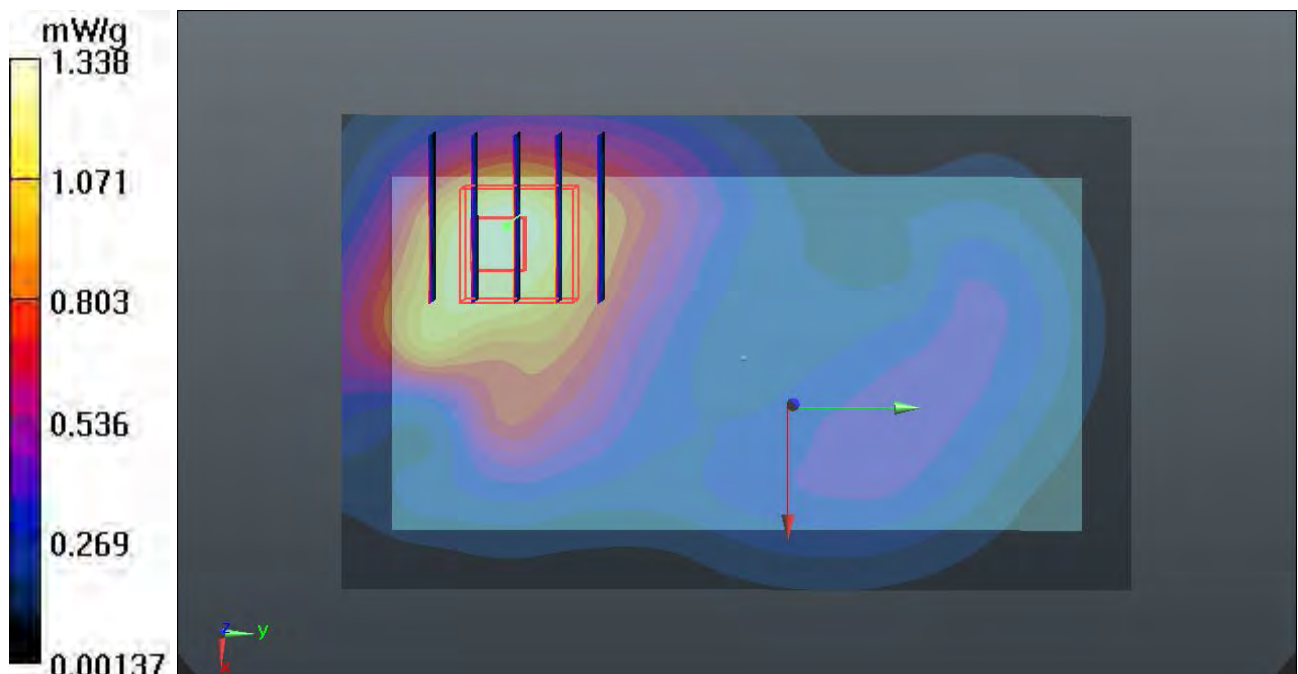
Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.111 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 5.4730

SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.766 mW/g

Maximum value of SAR (measured) = 1.361 mW/g



200 CDMA2000 BC15_RTAP 153.6_Front_1.0cm_Ch875**DUT: 230902**

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120424 Medium parameters used: $f = 1754$ MHz; $\sigma = 1.514$ mho/m; $\epsilon_r =$ 55.722; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch875/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.293 mW/g

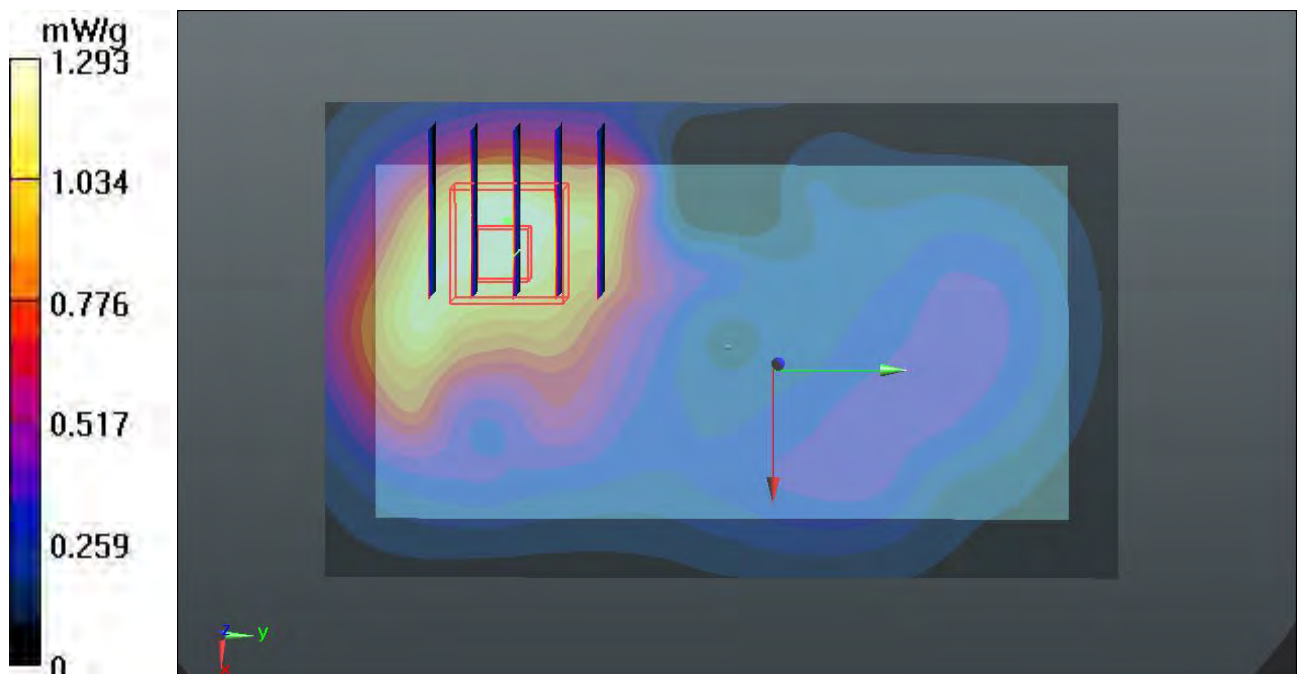
Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.037 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.3280

SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.724 mW/g

Maximum value of SAR (measured) = 1.319 mW/g



201 CDMA2000 BC15_RTAP 153.6_Back_1.0cm_Ch425**DUT: 230902**

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120424 Medium parameters used: $f = 1731.25$ MHz; $\sigma = 1.489$ mho/m; $\epsilon_r =$ 55.758; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch425/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.633 mW/g

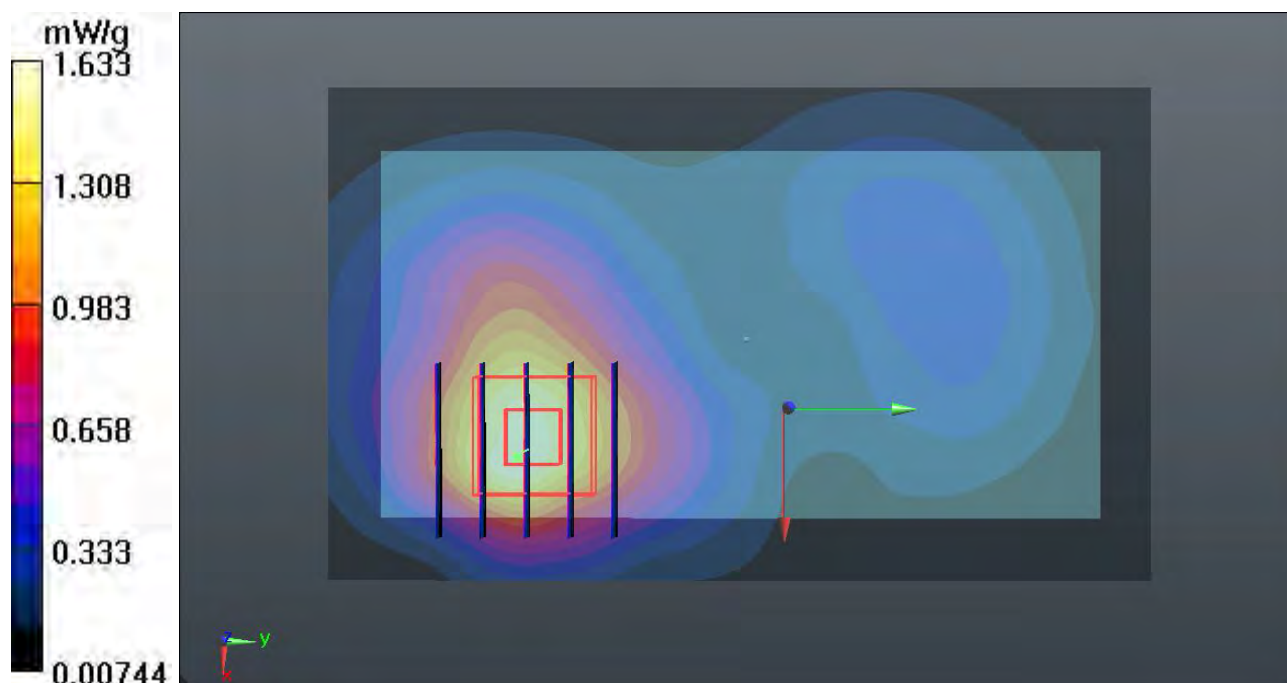
Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.732 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 2.2140

SAR(1 g) = 1.42 mW/g; SAR(10 g) = 0.877 mW/g

Maximum value of SAR (measured) = 1.625 mW/g



201 CDMA2000 BC15_RTAP 153.6_Back_1.0cm_Ch425_2D**DUT: 230902**

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120424 Medium parameters used: $f = 1731.25$ MHz; $\sigma = 1.489$ mho/m; $\epsilon_r =$ 55.758; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch425/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.633 mW/g

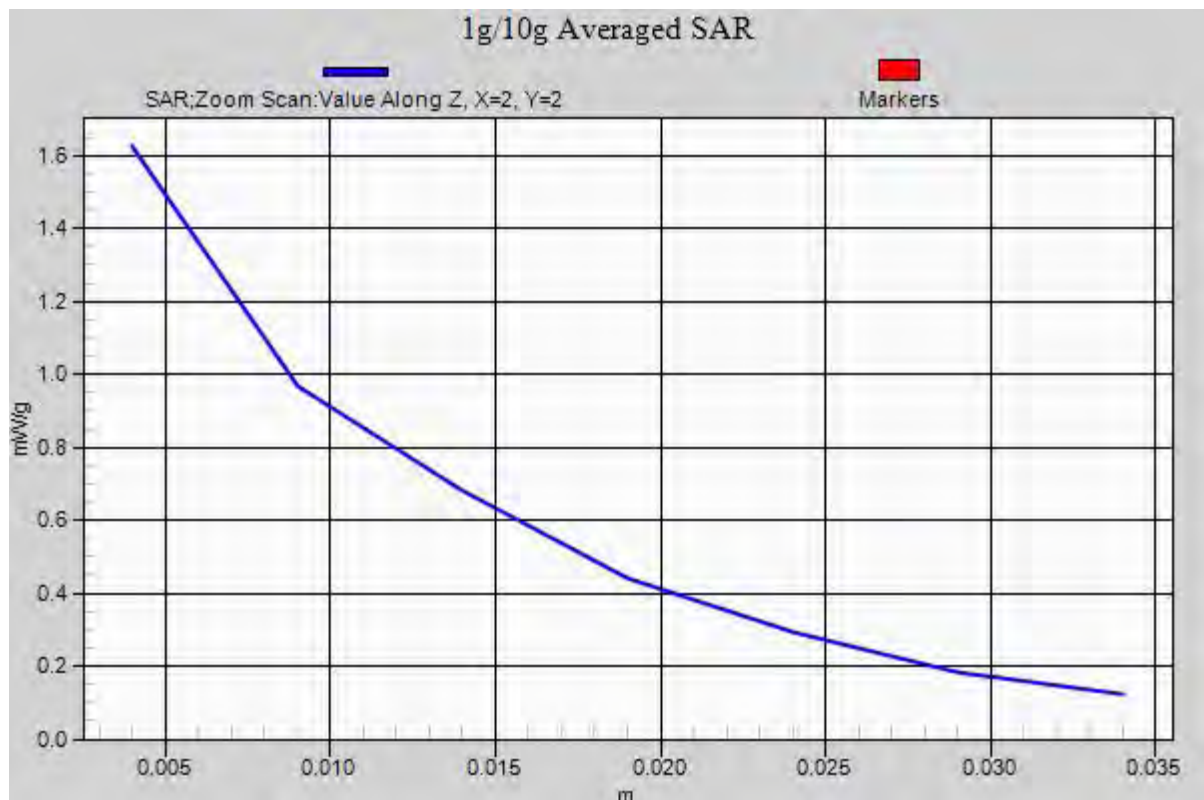
Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.732 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 2.2140

SAR(1 g) = 1.42 mW/g; SAR(10 g) = 0.877 mW/g

Maximum value of SAR (measured) = 1.625 mW/g



202 CDMA2000 BC15_RTAP 153.6_Back_1.0cm_Ch875**DUT: 230902**

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120424 Medium parameters used: $f = 1754$ MHz; $\sigma = 1.514$ mho/m; $\epsilon_r =$ 55.722; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch875/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.453 mW/g

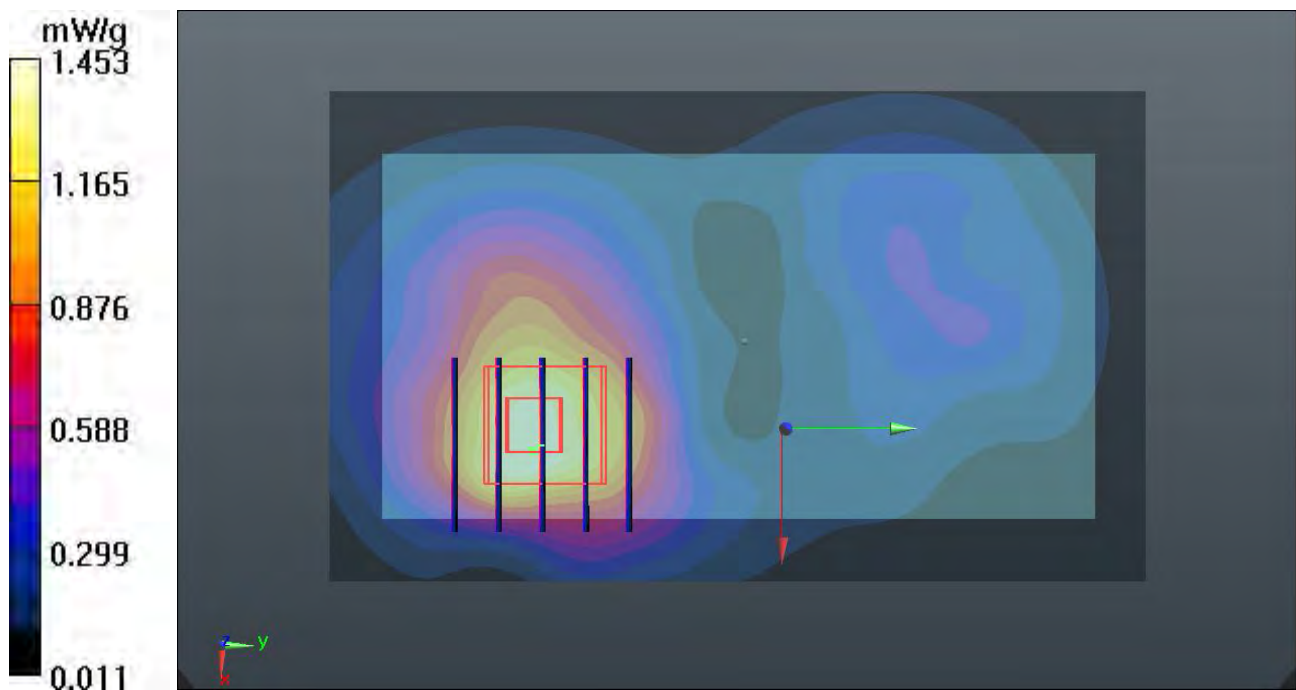
Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.428 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 2.4850

SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.769 mW/g

Maximum value of SAR (measured) = 1.350 mW/g



203 CDMA2000 BC15_RTAP 153.6_Bottom Side_1.0cm_Ch425**DUT: 230902**

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120424 Medium parameters used: $f = 1731.25$ MHz; $\sigma = 1.489$ mho/m; $\epsilon_r =$ 55.758; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch425/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.412 mW/g

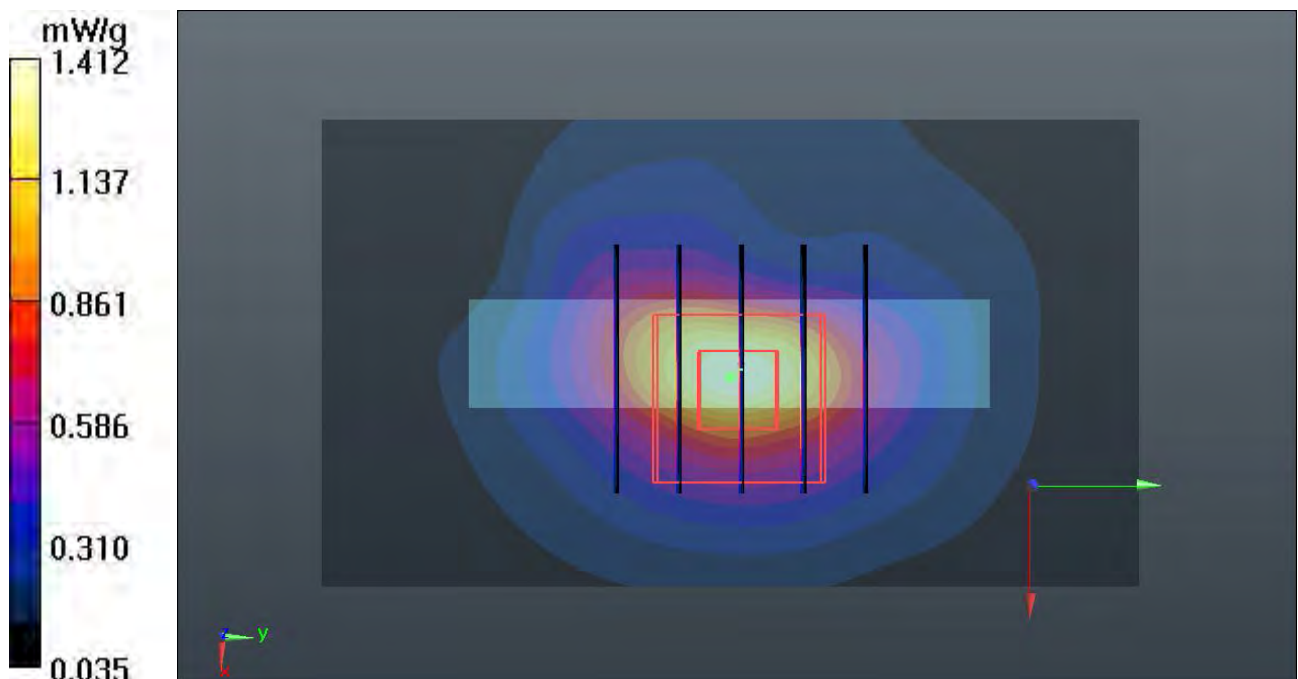
Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.211 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.2840

SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.668 mW/g

Maximum value of SAR (measured) = 1.545 mW/g



204 CDMA2000 BC15_RTAP 153.6_Bottom Side_1.0cm_Ch875**DUT: 230902**

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120424 Medium parameters used: $f = 1754$ MHz; $\sigma = 1.514$ mho/m; $\epsilon_r =$ 55.722; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch875/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.512 mW/g

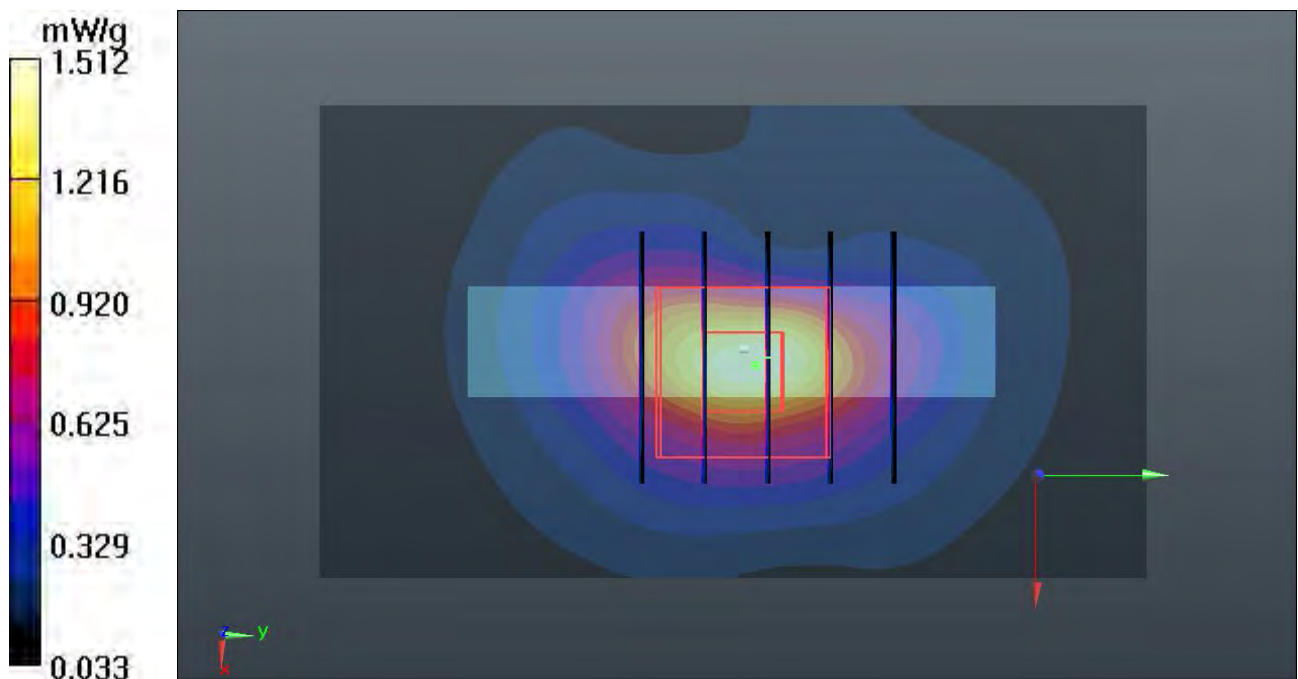
Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.187 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.2970

SAR(1 g) = 1.39 mW/g; SAR(10 g) = 0.706 mW/g

Maximum value of SAR (measured) = 1.597 mW/g



205 CDMA2000 BC15_RC3 SO32_Front_1.0cm_Ch425_Earphone**DUT: 230902**

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120424 Medium parameters used: $f = 1731.25$ MHz; $\sigma = 1.489$ mho/m; $\epsilon_r =$ 55.758 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch425/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.310 mW/g

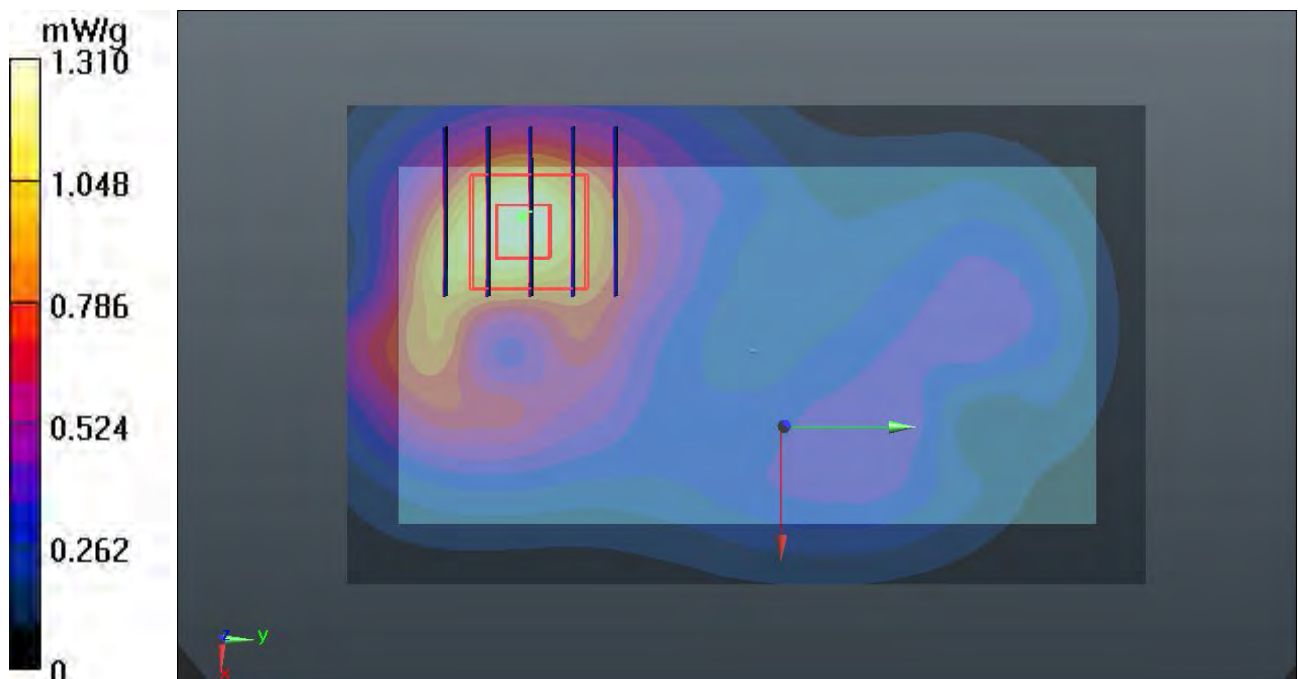
Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.187 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.0660

SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.710 mW/g

Maximum value of SAR (measured) = 1.243 mW/g



206 CDMA2000 BC15_RC3 SO32_Back_1.0cm_Ch425_Earphone**DUT: 230902**

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120424 Medium parameters used: $f = 1731.25$ MHz; $\sigma = 1.489$ mho/m; $\epsilon_r =$ 55.758; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch425/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.564 mW/g

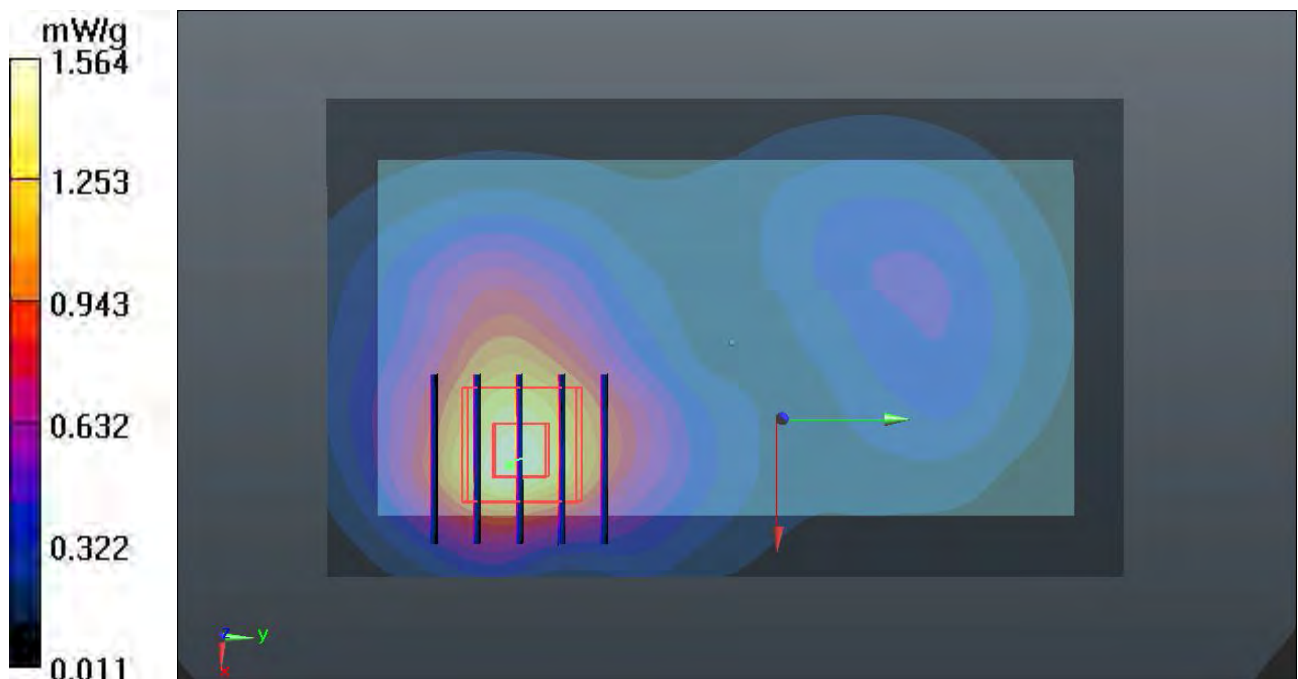
Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.427 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 2.9160

SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.816 mW/g

Maximum value of SAR (measured) = 1.478 mW/g



207 CDMA2000 BC15_RC3 SO32_Front_1.0cm_Ch25_Earphone**DUT: 230902**

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120424 Medium parameters used: $f = 1711.25$ MHz; $\sigma = 1.468$ mho/m; $\epsilon_r =$ 55.797 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.175 mW/g

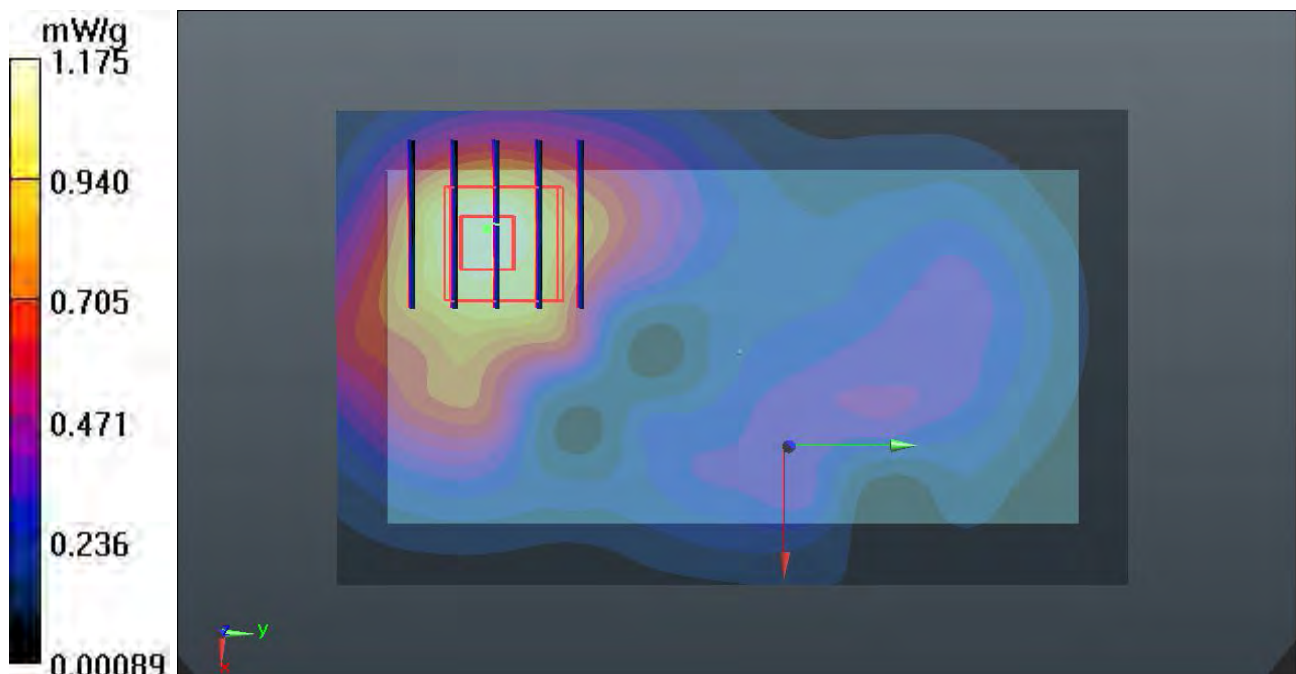
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.918 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 3.3330

SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.687 mW/g

Maximum value of SAR (measured) = 1.205 mW/g



208 CDMA2000 BC15_RC3 SO32_Front_1.0cm_Ch875_Earphone**DUT: 230902**

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120424 Medium parameters used: $f = 1754$ MHz; $\sigma = 1.514$ mho/m; $\epsilon_r =$ 55.722; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch875/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.252 mW/g

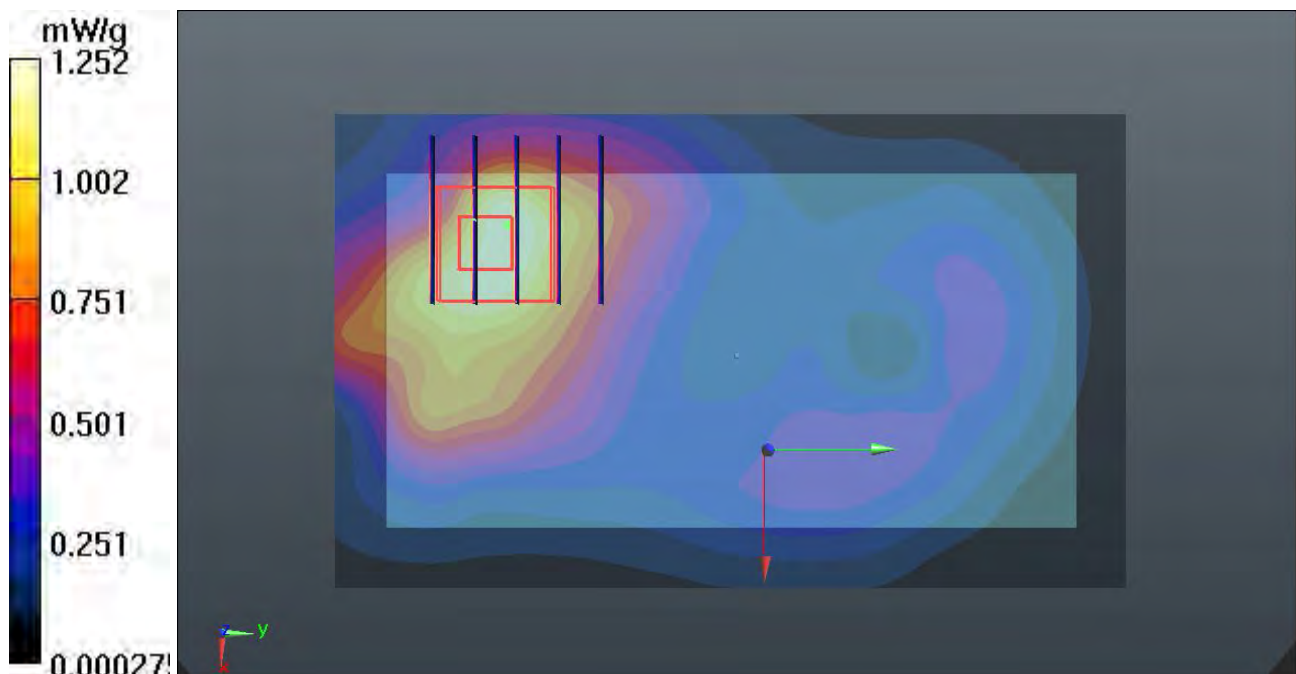
Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.570 V/m; Power Drift = -0.0025 dB

Peak SAR (extrapolated) = 1.9010

SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.721 mW/g

Maximum value of SAR (measured) = 1.249 mW/g



209 CDMA2000 BC15_RC3 SO32_Back_1.0cm_Ch25_Earphone**DUT: 230902**

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120424 Medium parameters used: $f = 1711.25$ MHz; $\sigma = 1.468$ mho/m; $\epsilon_r =$ 55.797 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.526 mW/g

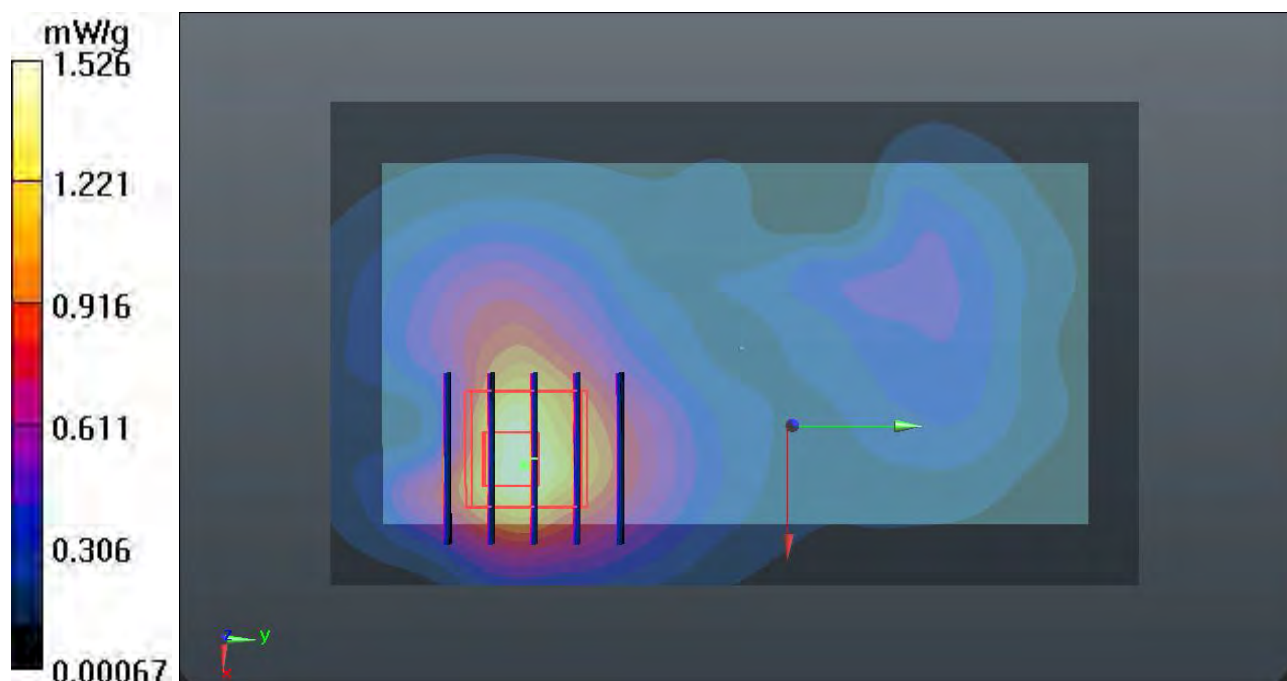
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.948 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.4620

SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.793 mW/g

Maximum value of SAR (measured) = 1.398 mW/g



210 CDMA2000 BC15_RC3 SO32_Back_1.0cm_Ch875_Earphone**DUT: 230902**

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120424 Medium parameters used: $f = 1754$ MHz; $\sigma = 1.514$ mho/m; $\epsilon_r =$ 55.722; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch875/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.462 mW/g

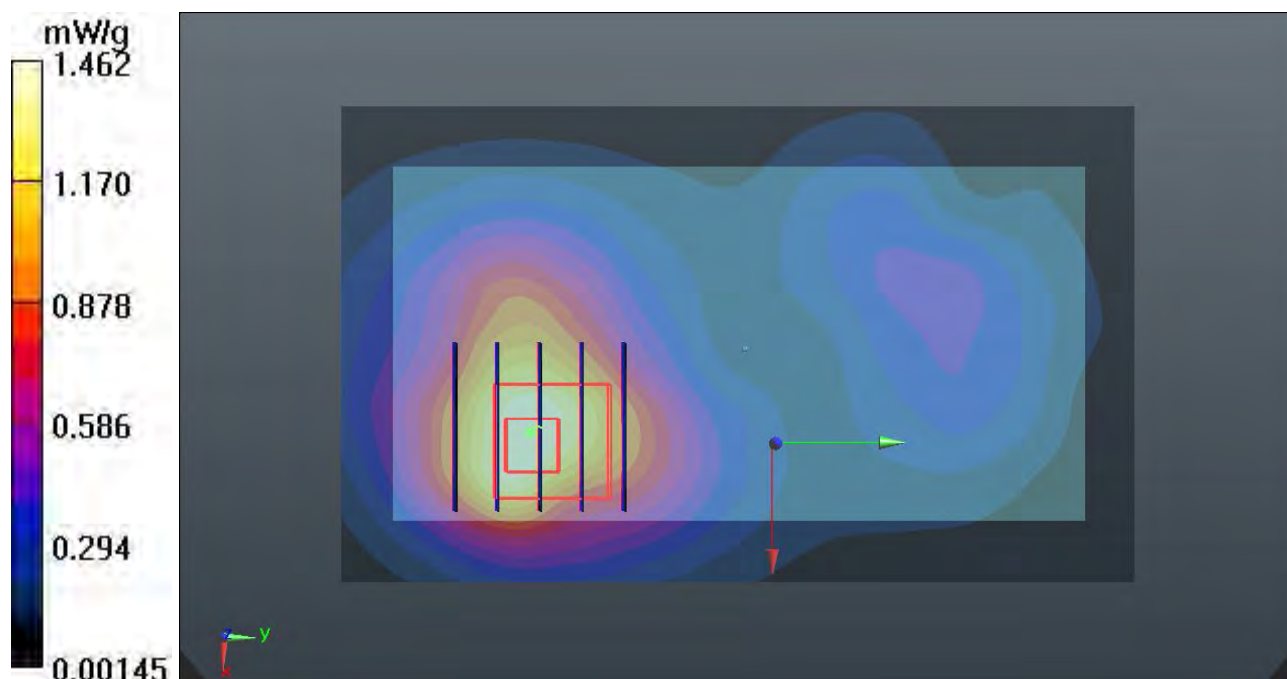
Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.222 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.8580

SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.813 mW/g

Maximum value of SAR (measured) = 1.460 mW/g



211 CDMA2000 BC1_RTAP 153.6_Front_1.0cm_Ch25**DUT: 230902**

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120424 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.476$ mho/m; $\epsilon_r =$ 52.574 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.205 mW/g

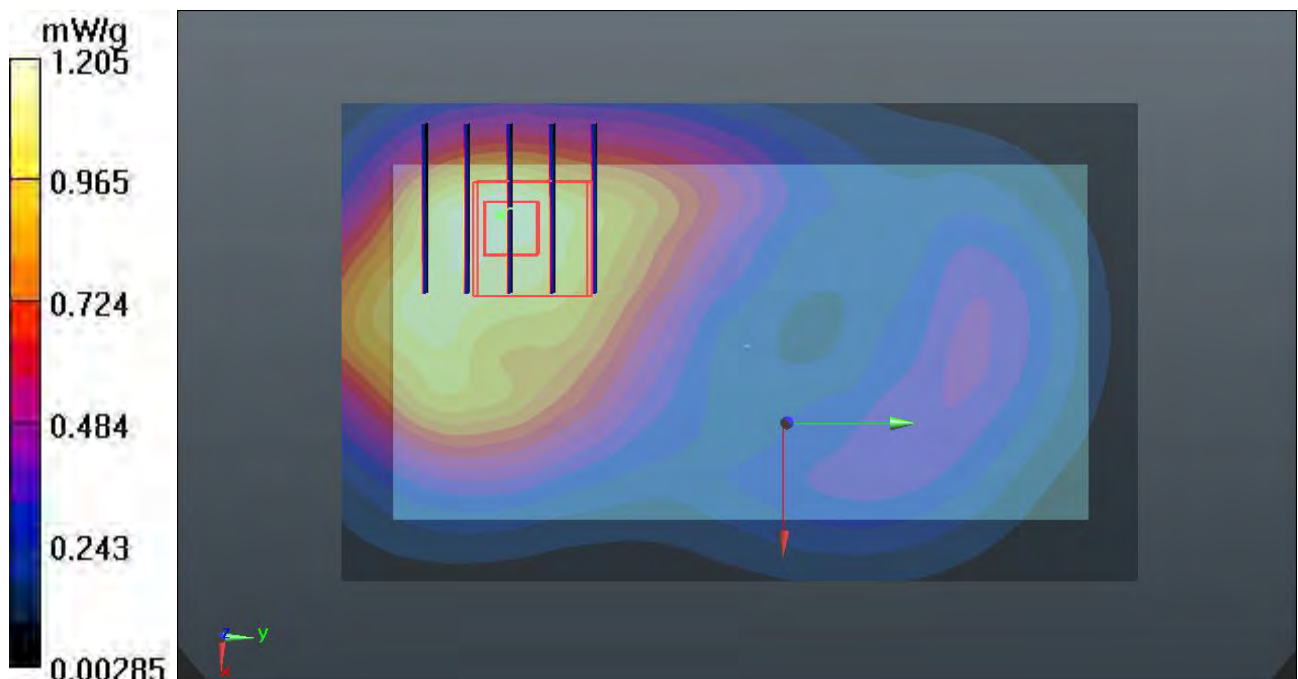
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.695 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.8340

SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.693 mW/g

Maximum value of SAR (measured) = 1.191 mW/g



212 CDMA2000 BC1_RTAP 153.6_Back_1.0cm_Ch25**DUT: 230902**

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120424 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.476$ mho/m; $\epsilon_r =$ 52.574 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.471 mW/g

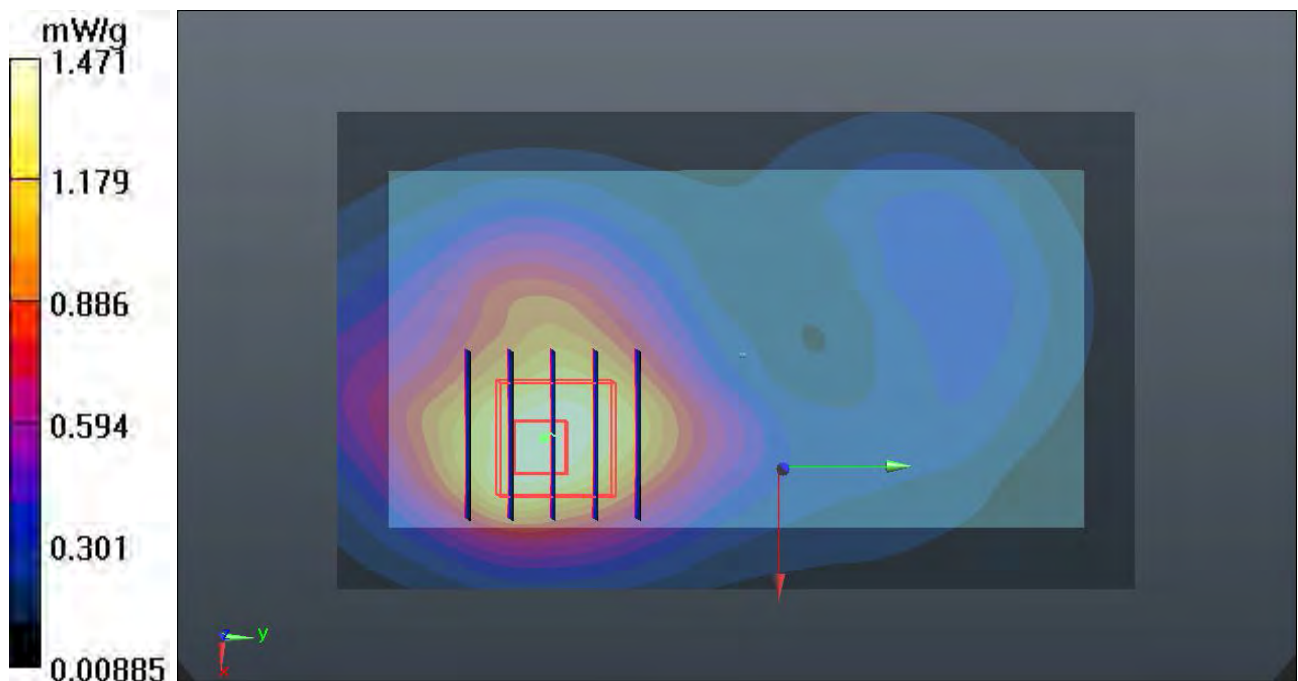
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.462 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.1840

SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.843 mW/g

Maximum value of SAR (measured) = 1.440 mW/g



213 CDMA2000 BC1_RTAP 153.6_Left Side_1.0cm_Ch25**DUT: 230902**

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120424 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.476$ mho/m; $\epsilon_r =$ 52.574; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch25/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.818 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.462 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.1650

SAR(1 g) = 0.716 mW/g; SAR(10 g) = 0.412 mW/g

Maximum value of SAR (measured) = 0.772 mW/g

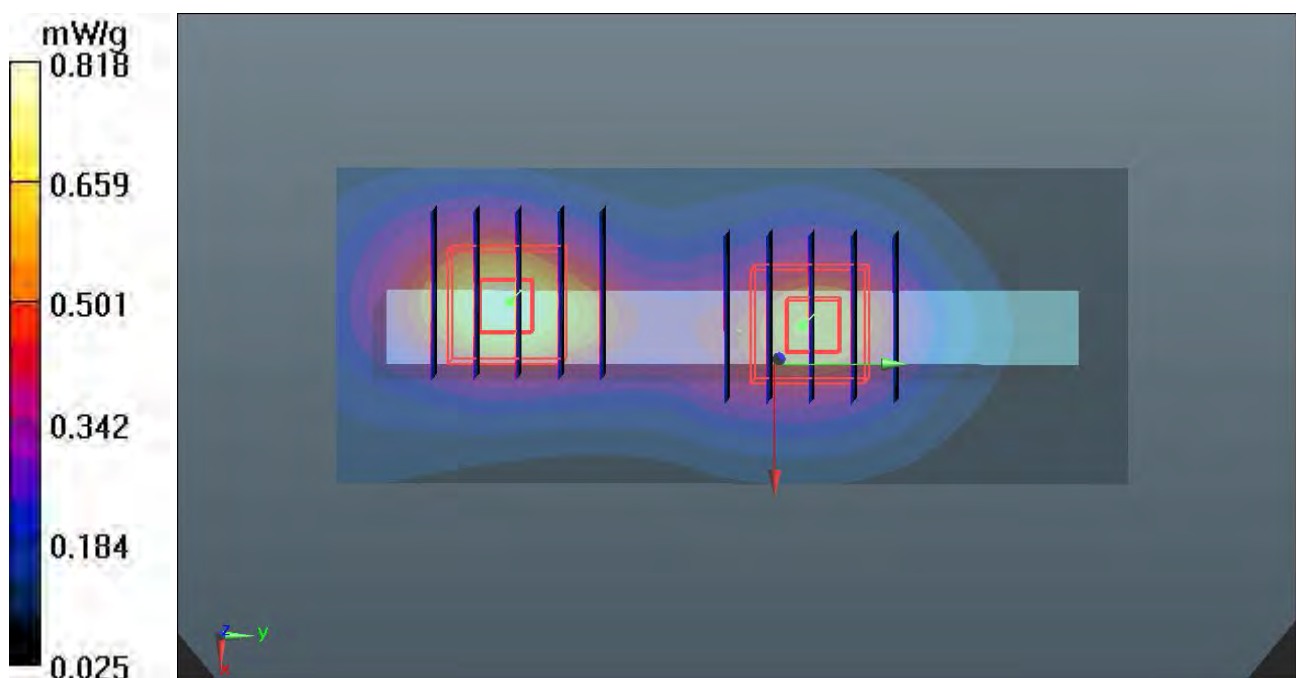
Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.462 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.9030

SAR(1 g) = 0.562 mW/g; SAR(10 g) = 0.334 mW/g

Maximum value of SAR (measured) = 0.618 mW/g



214 CDMA2000 BC1_RTAP 153.6_Right Side_1.0cm_Ch25**DUT: 230902**

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120424 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.476$ mho/m; $\epsilon_r =$ 52.574; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch25/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.275 mW/g

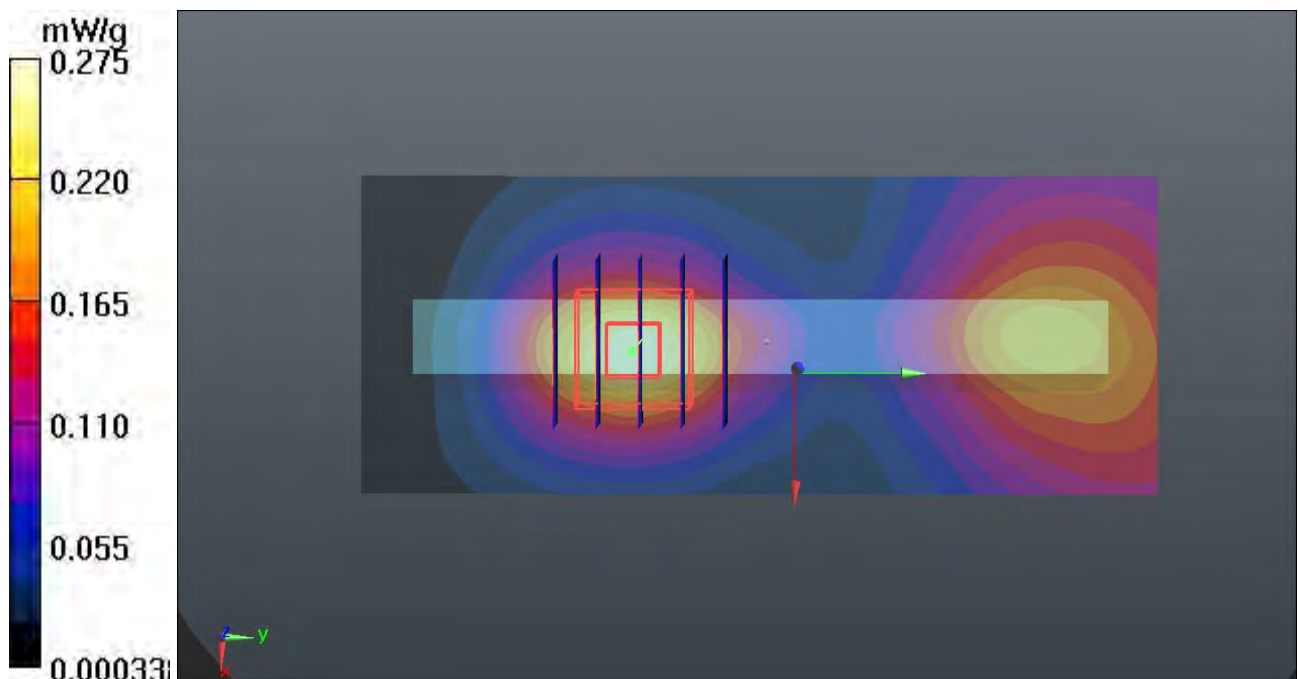
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.243 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.3860

SAR(1 g) = 0.242 mW/g; SAR(10 g) = 0.144 mW/g

Maximum value of SAR (measured) = 0.264 mW/g



216 CDMA2000 BC1_RTAP 153.6_Bottom Side_1.0cm_Ch25**DUT: 230902**

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120424 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.476$ mho/m; $\epsilon_r =$ 52.574; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch25/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.922 mW/g

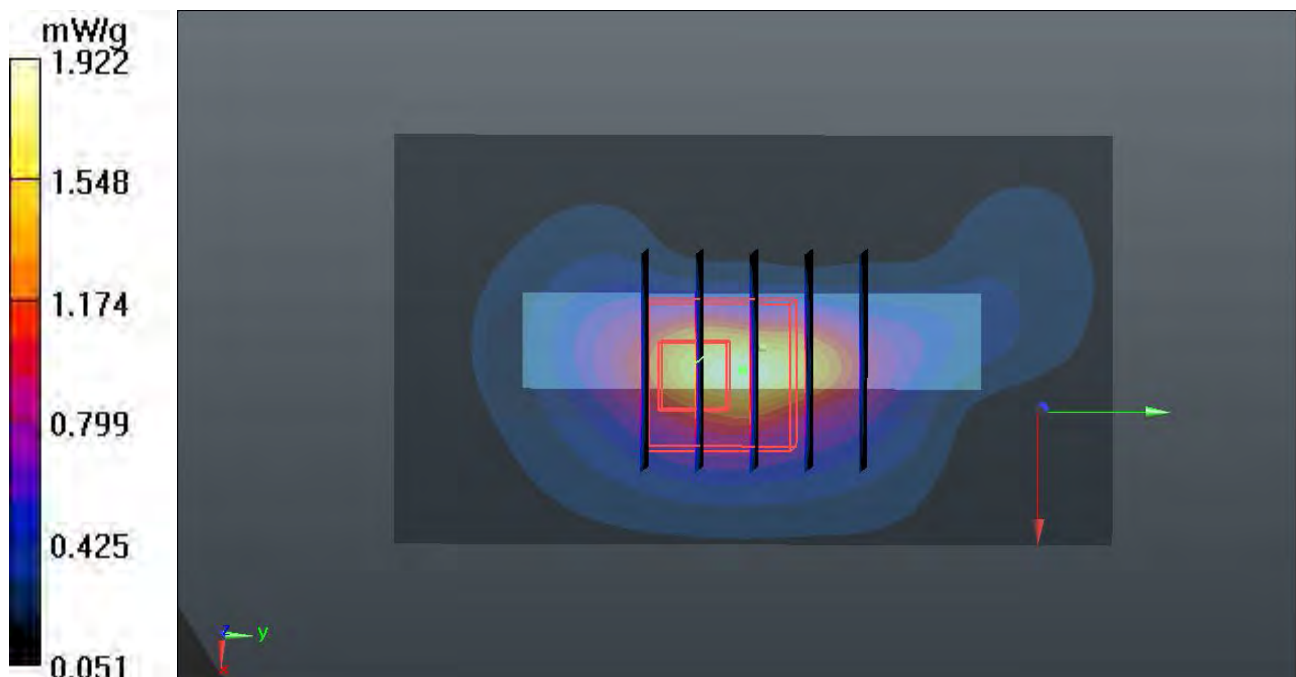
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.921 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.1410

SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.741 mW/g

Maximum value of SAR (measured) = 1.783 mW/g



217 CDMA2000 BC1_RTAP 153.6_Front_1.0cm_Ch600**DUT: 230902**

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120424 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r =$ 52.468; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch600/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.834 mW/g

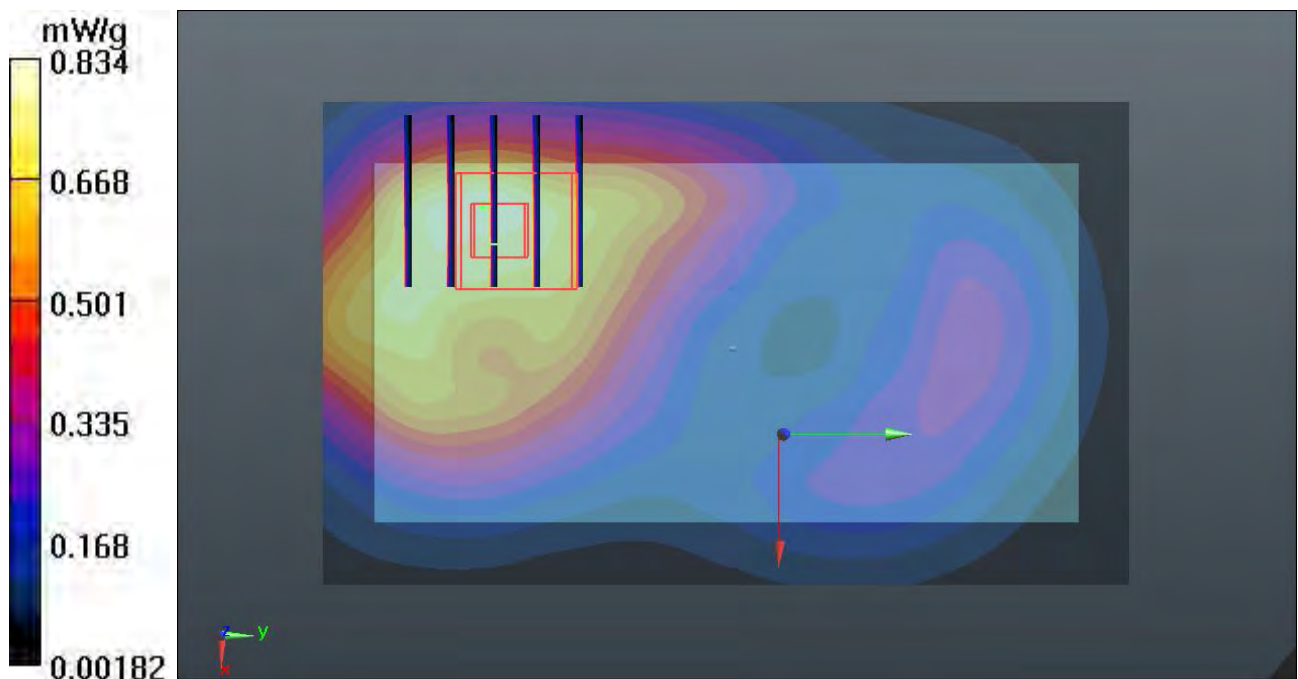
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.868 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.2270

SAR(1 g) = 0.760 mW/g; SAR(10 g) = 0.468 mW/g

Maximum value of SAR (measured) = 0.804 mW/g



218 CDMA2000 BC1_RTAP 153.6_Front_1.0cm_Ch1175**DUT: 230902**

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120424 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.542$ mho/m; $\epsilon_r =$ 52.376; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.720 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.523 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.0850

SAR(1 g) = 0.628 mW/g; SAR(10 g) = 0.350 mW/g

Maximum value of SAR (measured) = 0.716 mW/g

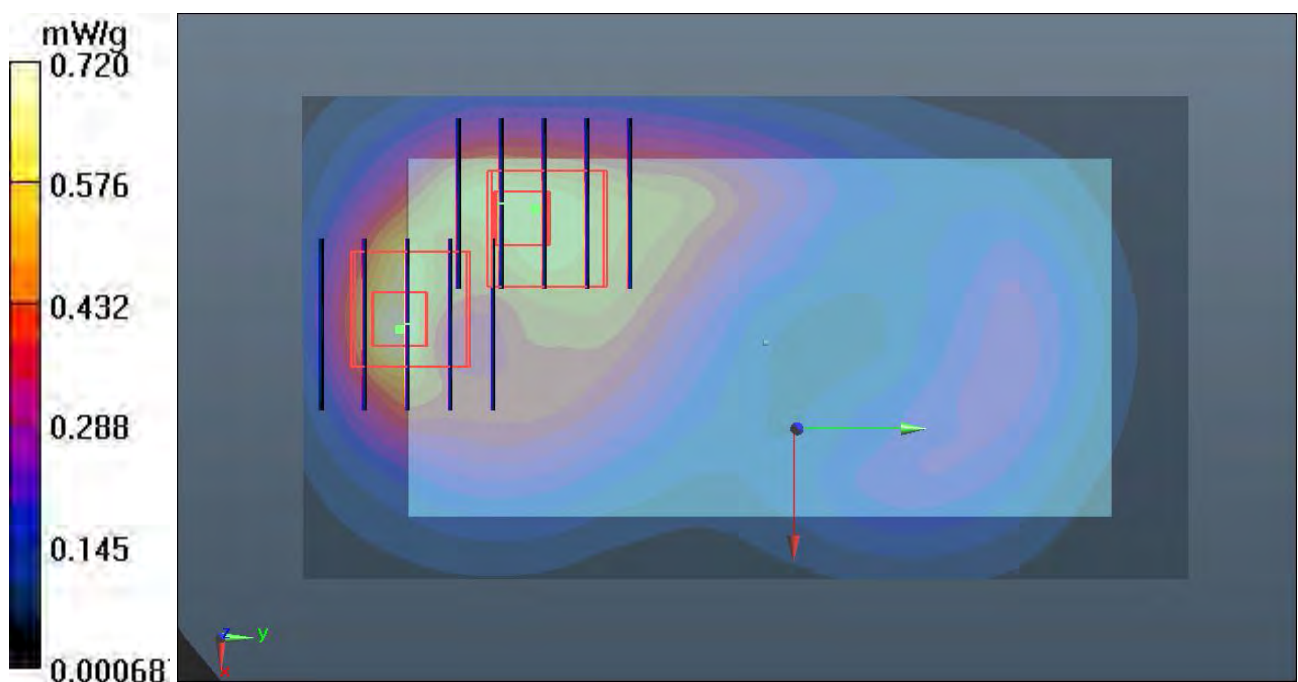
Ch1175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.523 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.9910

SAR(1 g) = 0.597 mW/g; SAR(10 g) = 0.362 mW/g

Maximum value of SAR (measured) = 0.644 mW/g



219 CDMA2000 BC1_RTAP 153.6_Back_1.0cm_Ch600**DUT: 230902**

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120424 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r =$ 52.468; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch600/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.854 mW/g

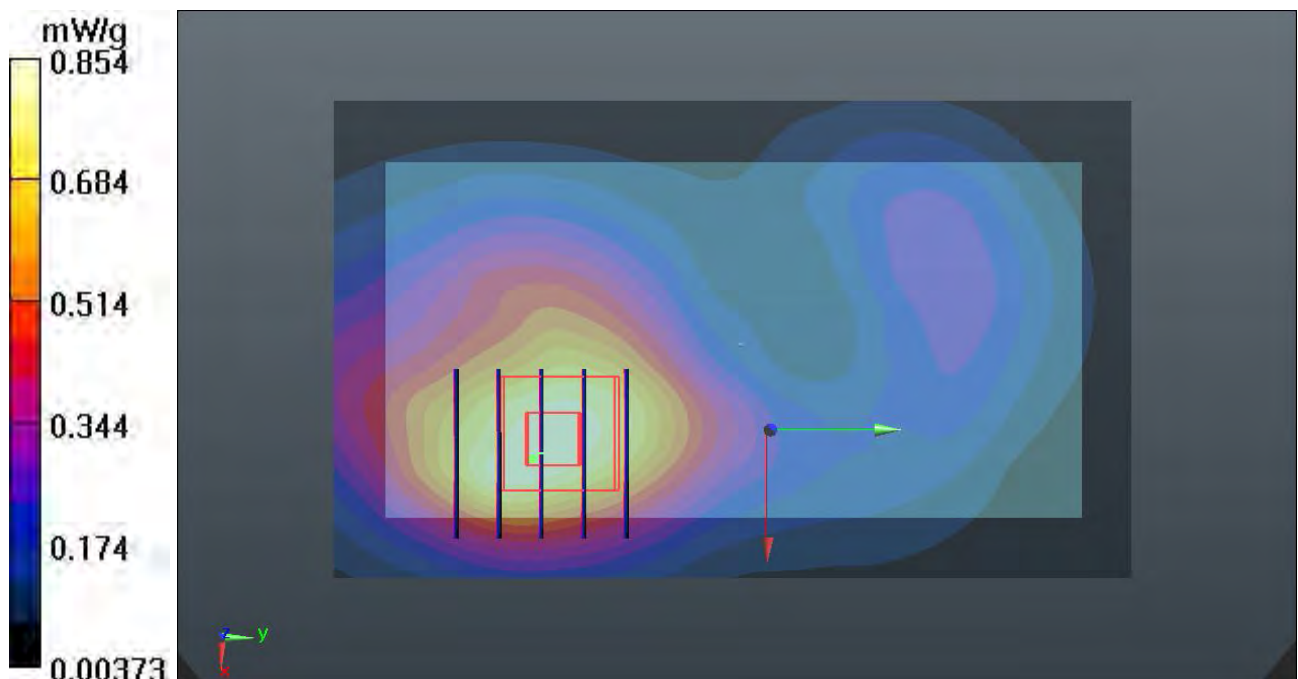
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.403 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.2300

SAR(1 g) = 0.792 mW/g; SAR(10 g) = 0.499 mW/g

Maximum value of SAR (measured) = 0.849 mW/g



220 CDMA2000 BC1_RTAP 153.6_Back_1.0cm_Ch1175**DUT: 230902**

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120424 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.542$ mho/m; $\epsilon_r =$ 52.376; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.791 mW/g

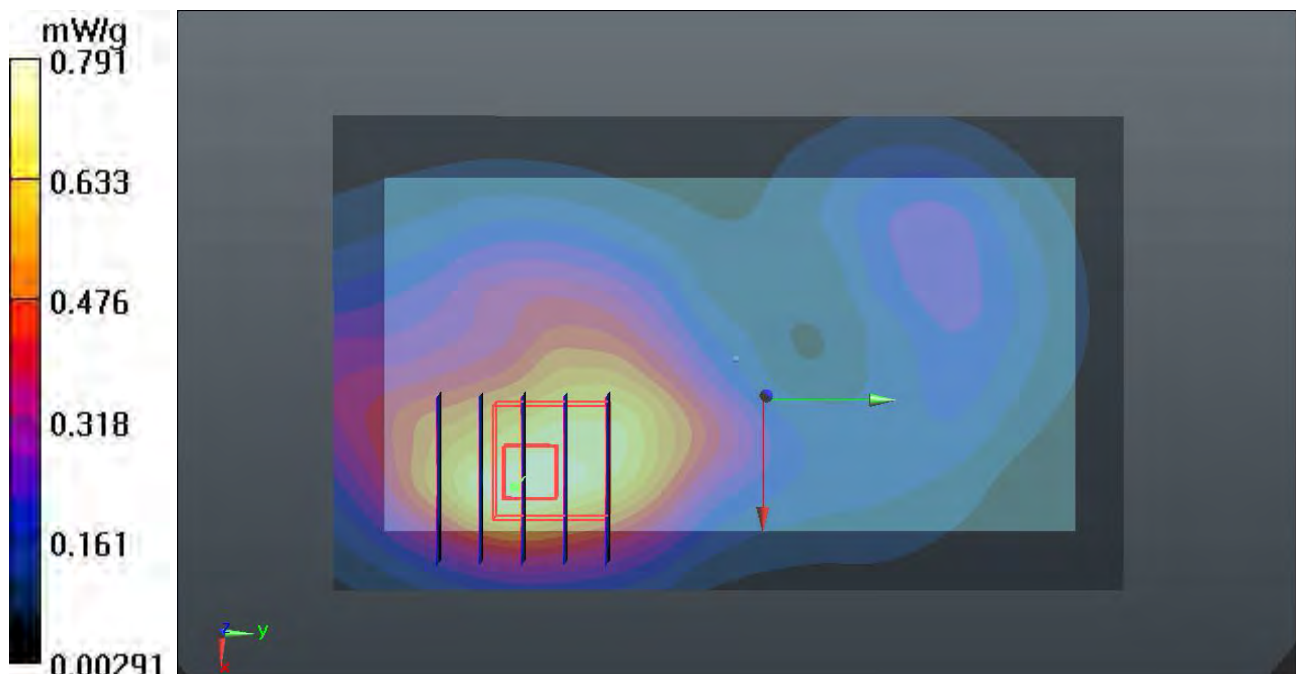
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.605 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.1670

SAR(1 g) = 0.709 mW/g; SAR(10 g) = 0.438 mW/g

Maximum value of SAR (measured) = 0.779 mW/g



221 CDMA2000 BC1_RTAP 153.6_Bottom Side_1.0cm_Ch600**DUT: 230902**

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120424 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r =$ 52.468; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch600/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.539 mW/g

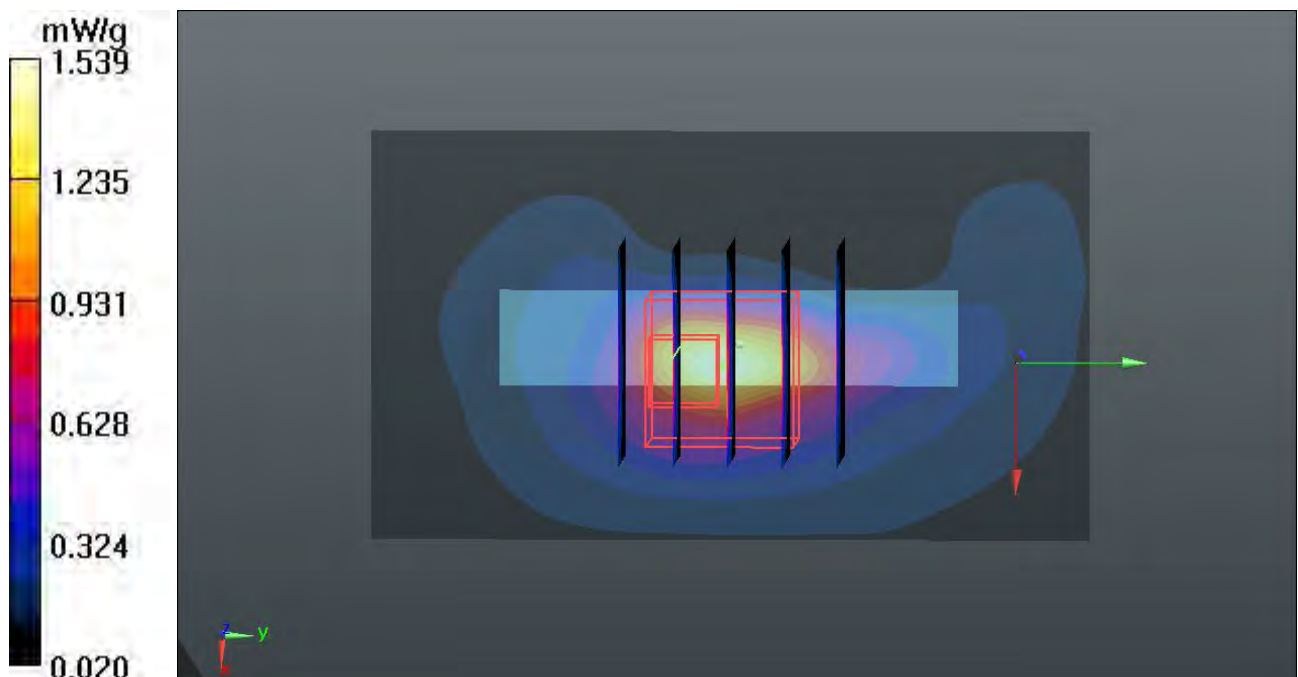
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.024 V/m; Power Drift = -0.0056 dB

Peak SAR (extrapolated) = 1.7450

SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.588 mW/g

Maximum value of SAR (measured) = 1.317 mW/g



222 CDMA2000 BC1_RTAP 153.6_Bottom Side_1.0cm_Ch1175**DUT: 230902**

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120424 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.542$ mho/m; $\epsilon_r =$ 52.376; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1175/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.178 mW/g

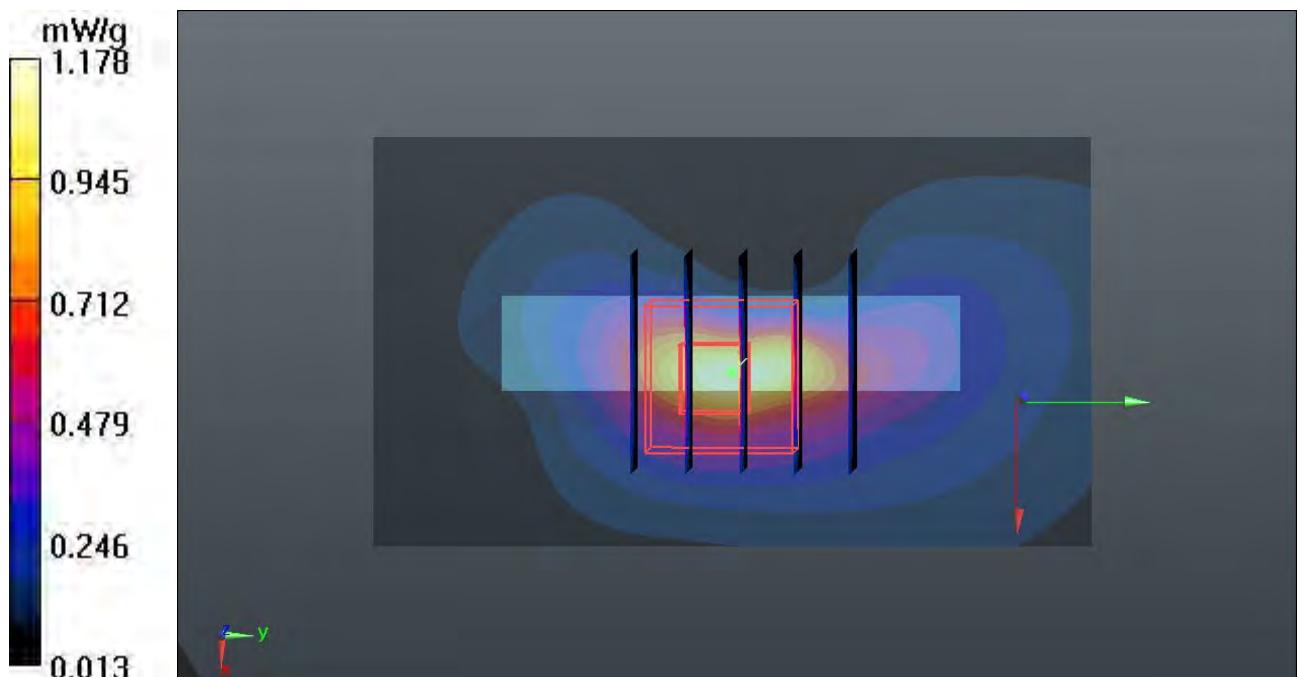
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.210 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.9140

SAR(1 g) = 0.978 mW/g; SAR(10 g) = 0.466 mW/g

Maximum value of SAR (measured) = 1.136 mW/g



223 CDMA2000 BC1_RC3 SO32_Front_1.0cm_Ch25_Earphone**DUT: 230902**

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120424 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.476$ mho/m; $\epsilon_r =$ 52.574; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.261 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.348 V/m; Power Drift = -0.0063 dB

Peak SAR (extrapolated) = 1.9250

SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.669 mW/g

Maximum value of SAR (measured) = 1.282 mW/g

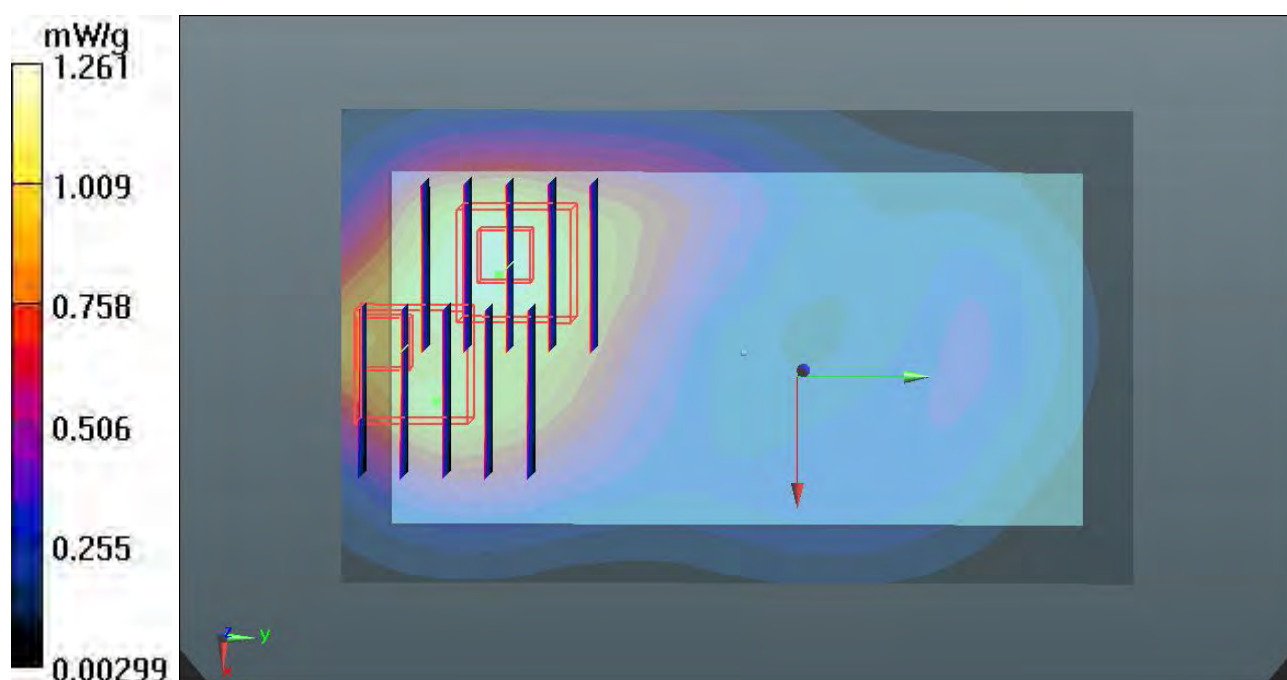
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.348 V/m; Power Drift = -0.0063 dB

Peak SAR (extrapolated) = 1.9150

SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.716 mW/g

Maximum value of SAR (measured) = 1.245 mW/g



224 CDMA2000 BC1_RC3 SO32_Back_1.0cm_Ch25_Earphone**DUT: 230902**

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120424 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.476$ mho/m; $\epsilon_r =$ 52.574 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.516 mW/g

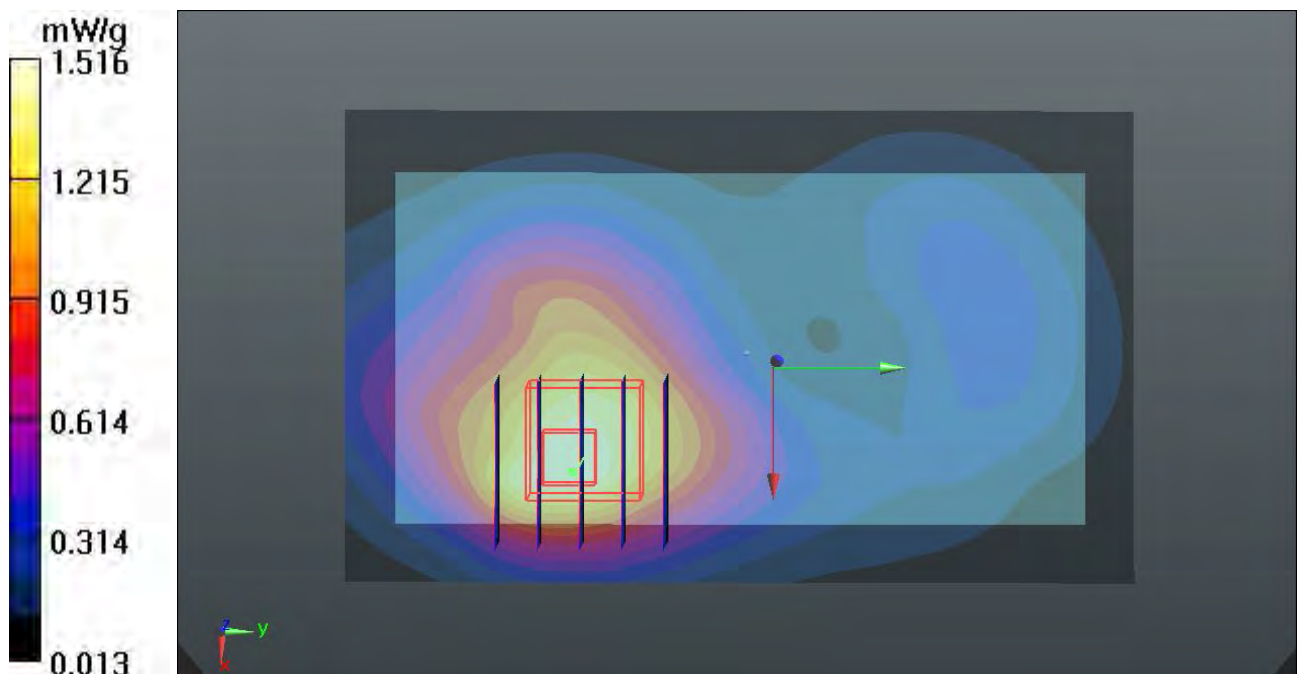
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.867 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.2890

SAR(1 g) = 1.41 mW/g; SAR(10 g) = 0.870 mW/g

Maximum value of SAR (measured) = 1.521 mW/g



224 CDMA2000 BC1_RC3 SO32_Back_1.0cm_Ch25_Earphone_2D**DUT: 230902**

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120424 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.476$ mho/m; $\epsilon_r =$ 52.574; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.516 mW/g

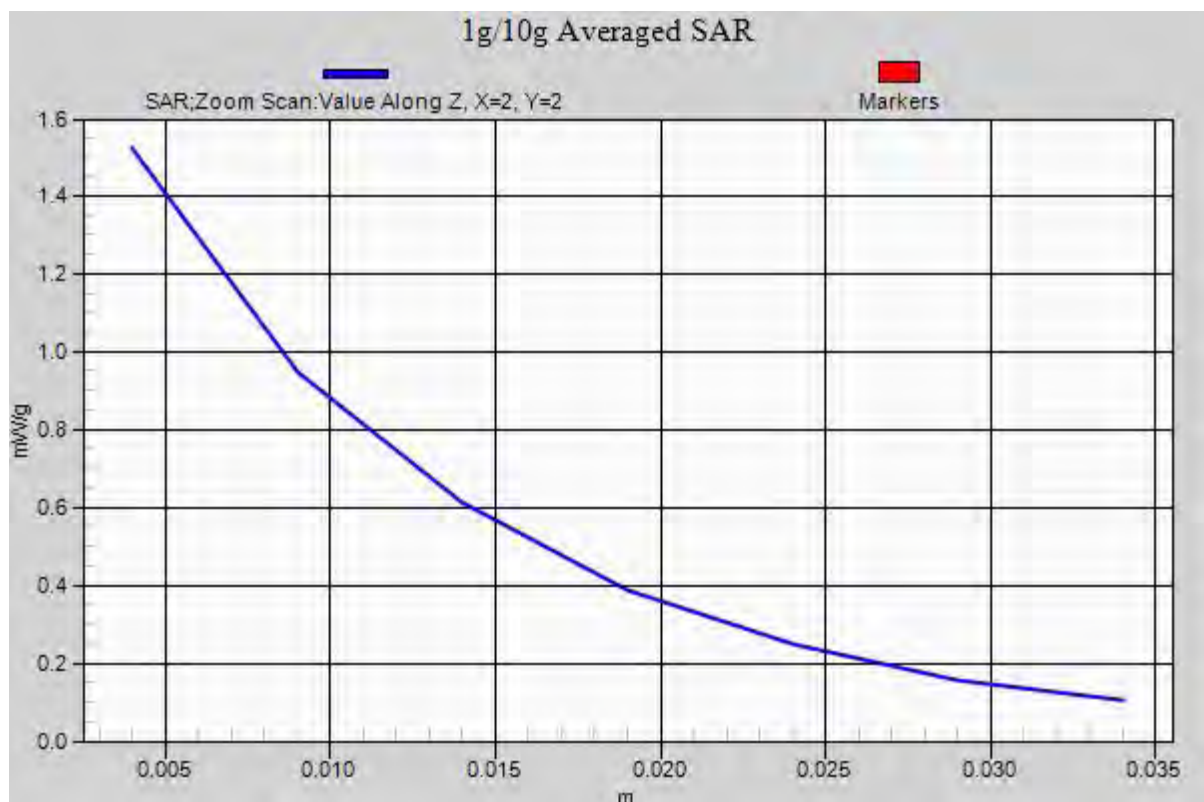
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.867 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.2890

SAR(1 g) = 1.41 mW/g; SAR(10 g) = 0.870 mW/g

Maximum value of SAR (measured) = 1.521 mW/g



225 CDMA2000 BC1_RC3 SO32_Front_1.0cm_Ch600_Earphone**DUT: 230902**

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120424 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r =$ 52.468; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch600/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.960 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.636 V/m; Power Drift = 0.0054 dB

Peak SAR (extrapolated) = 1.5740

SAR(1 g) = 0.948 mW/g; SAR(10 g) = 0.530 mW/g

Maximum value of SAR (measured) = 1.098 mW/g

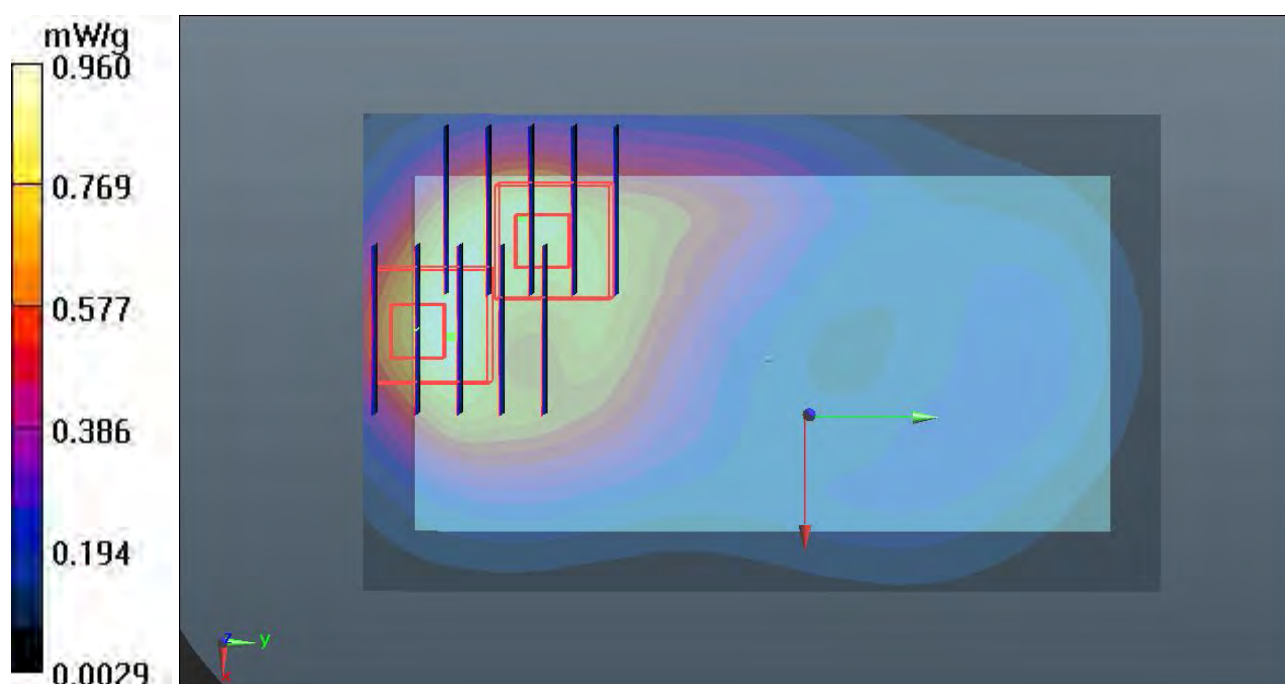
Ch600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.636 V/m; Power Drift = 0.0054 dB

Peak SAR (extrapolated) = 1.3700

SAR(1 g) = 0.842 mW/g; SAR(10 g) = 0.512 mW/g

Maximum value of SAR (measured) = 0.927 mW/g



226 CDMA2000 BC1_RC3 SO32_Front_1.0cm_Ch1175_Earphone**DUT: 230902**

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120424 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.542$ mho/m; $\epsilon_r =$ 52.376; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.836 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.052 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.3180

SAR(1 g) = 0.824 mW/g; SAR(10 g) = 0.457 mW/g

Maximum value of SAR (measured) = 0.953 mW/g

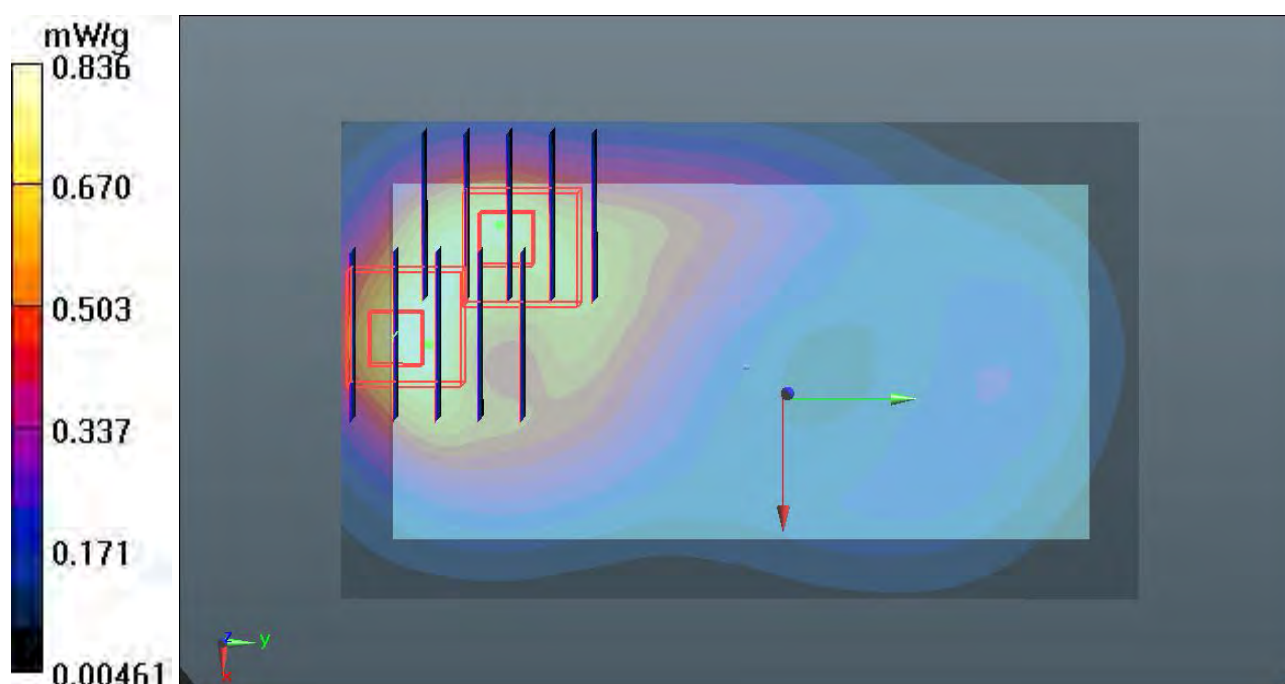
Ch1175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.052 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.2070

SAR(1 g) = 0.701 mW/g; SAR(10 g) = 0.425 mW/g

Maximum value of SAR (measured) = 0.834 mW/g



227 CDMA2000 BC1_RC3 SO32_Back_1.0cm_Ch600_Earphone**DUT: 230902**

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120424 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r =$ 52.468; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch600/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.037 mW/g

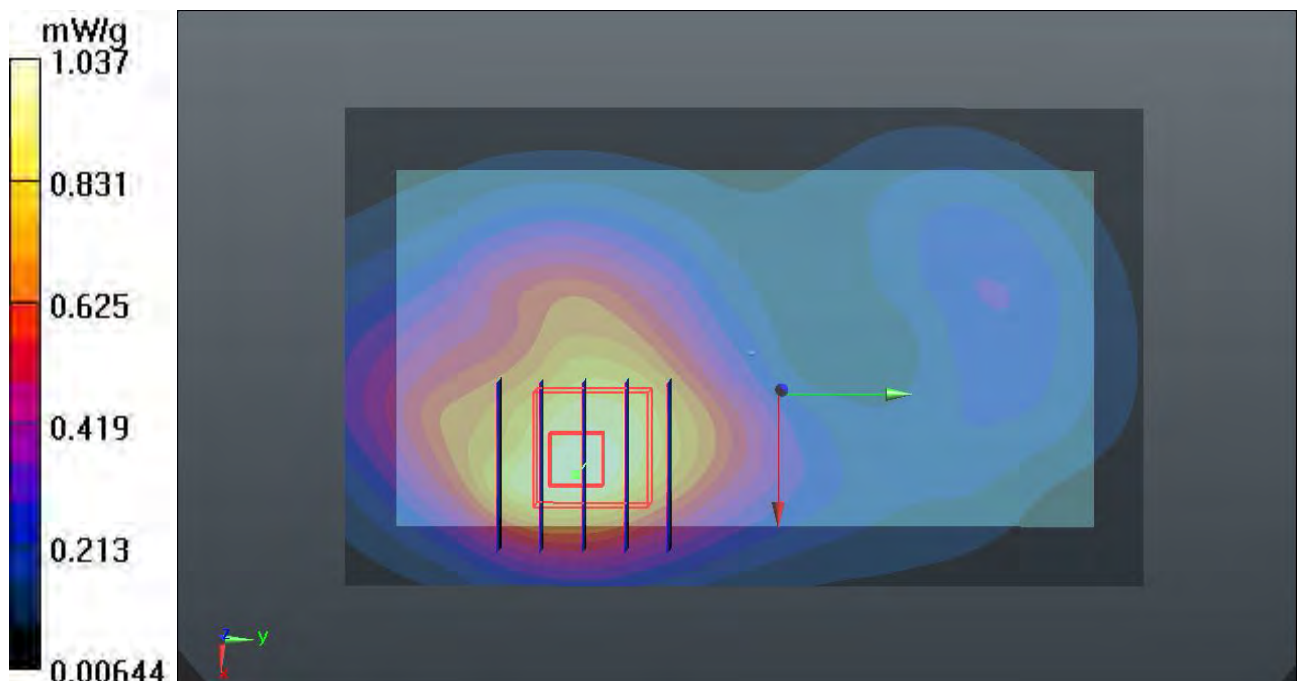
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.147 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.6020

SAR(1 g) = 0.965 mW/g; SAR(10 g) = 0.602 mW/g

Maximum value of SAR (measured) = 1.039 mW/g



228 CDMA2000 BC1_RC3 SO32_Back_1.0cm_Ch1175_Earphone**DUT: 230902**

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120424 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.542$ mho/m; $\epsilon_r =$ 52.376; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.846 mW/g

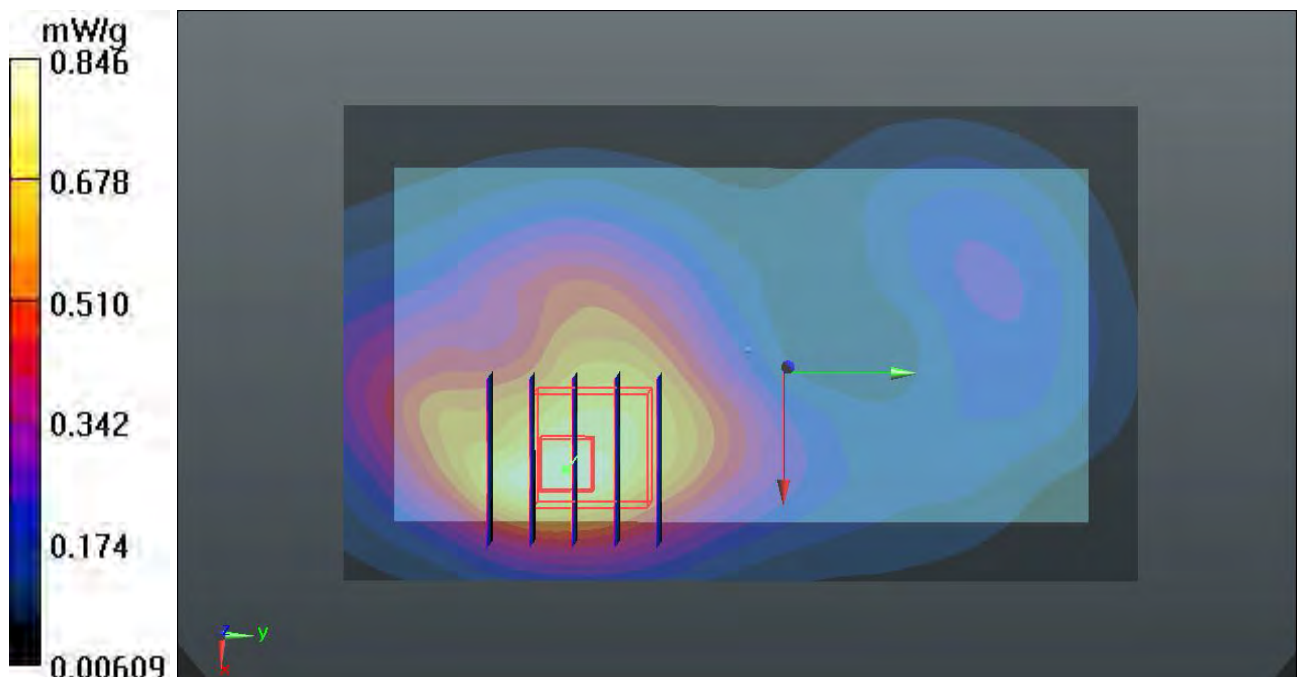
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.169 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.3120

SAR(1 g) = 0.780 mW/g; SAR(10 g) = 0.481 mW/g

Maximum value of SAR (measured) = 0.839 mW/g



109 LTE Band IV QPSK_RB 25 13_Front_1.0cm_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.496 mW/g

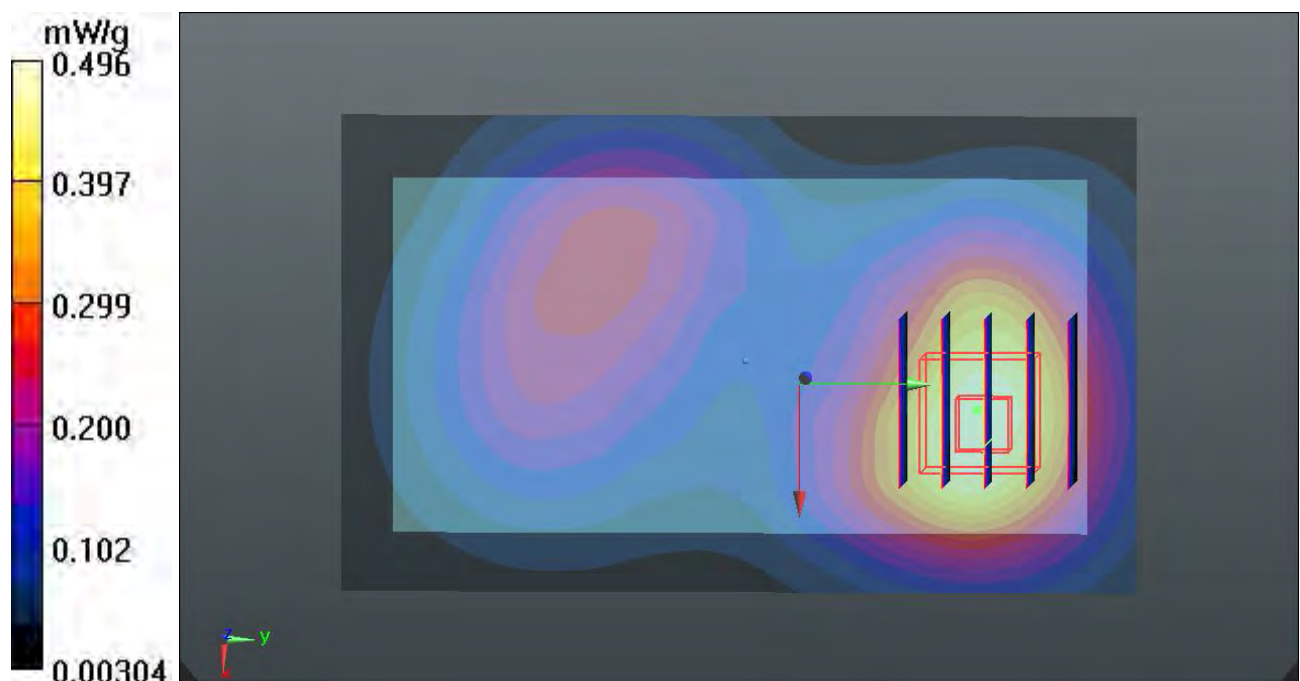
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.527 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.6740

SAR(1 g) = 0.449 mW/g; SAR(10 g) = 0.290 mW/g

Maximum value of SAR (measured) = 0.479 mW/g



110 LTE Band IV QPSK_RB 25 13_Back_1.0cm_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.714 mW/g

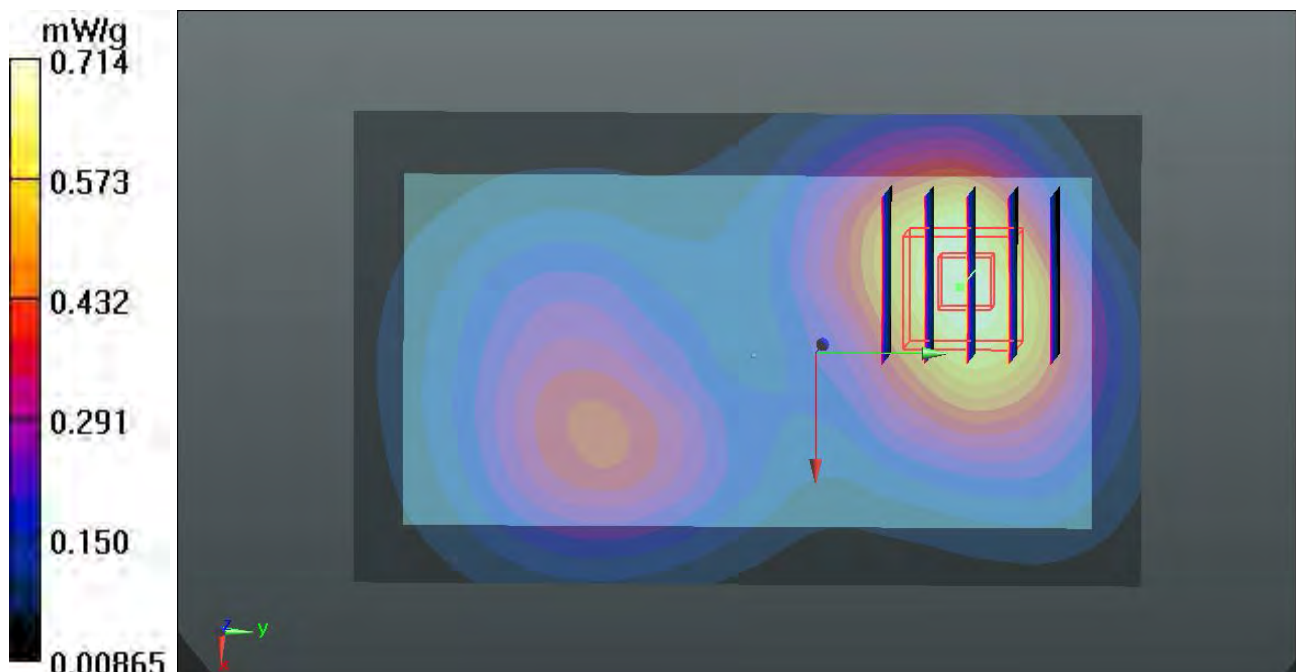
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.387 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.0200

SAR(1 g) = 0.655 mW/g; SAR(10 g) = 0.417 mW/g

Maximum value of SAR (measured) = 0.702 mW/g



112 LTE Band IV QPSK_RB 25 13_Right Side_1.0cm_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.460 mW/g

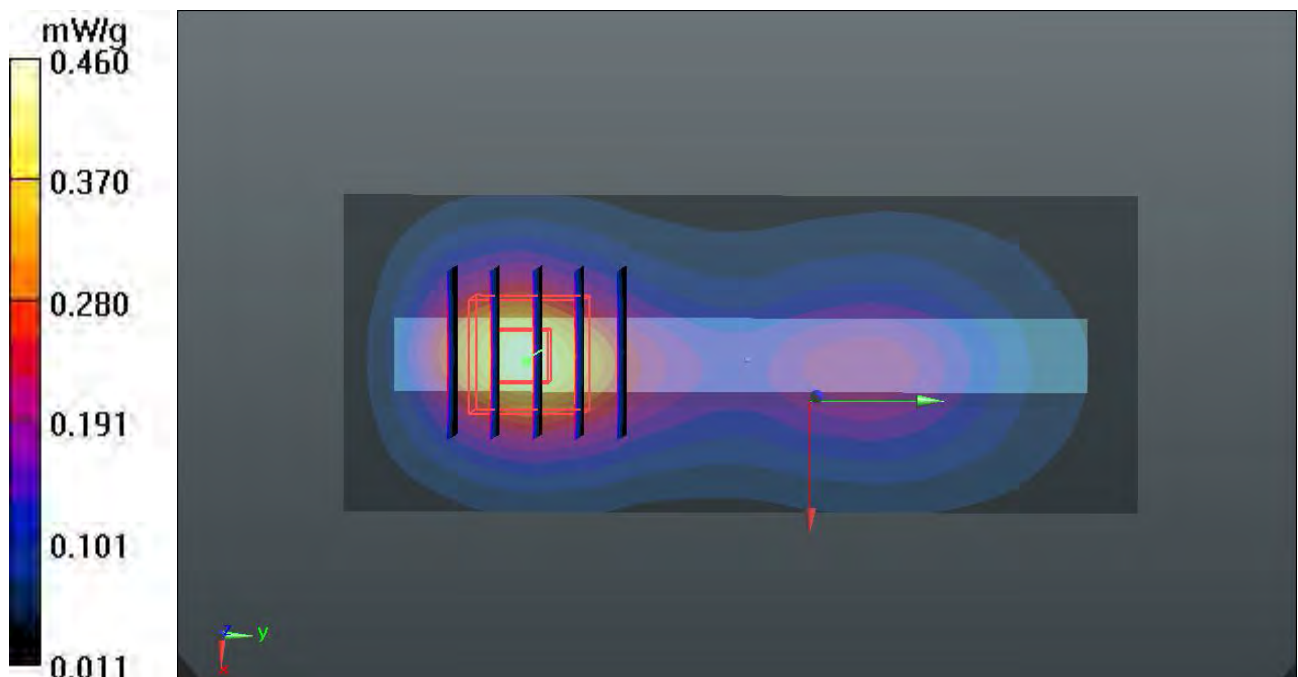
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.966 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.6510

SAR(1 g) = 0.392 mW/g; SAR(10 g) = 0.225 mW/g

Maximum value of SAR (measured) = 0.427 mW/g



113 LTE Band IV QPSK_RB 25 13_Top Side_1.0cm_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.252 mW/g

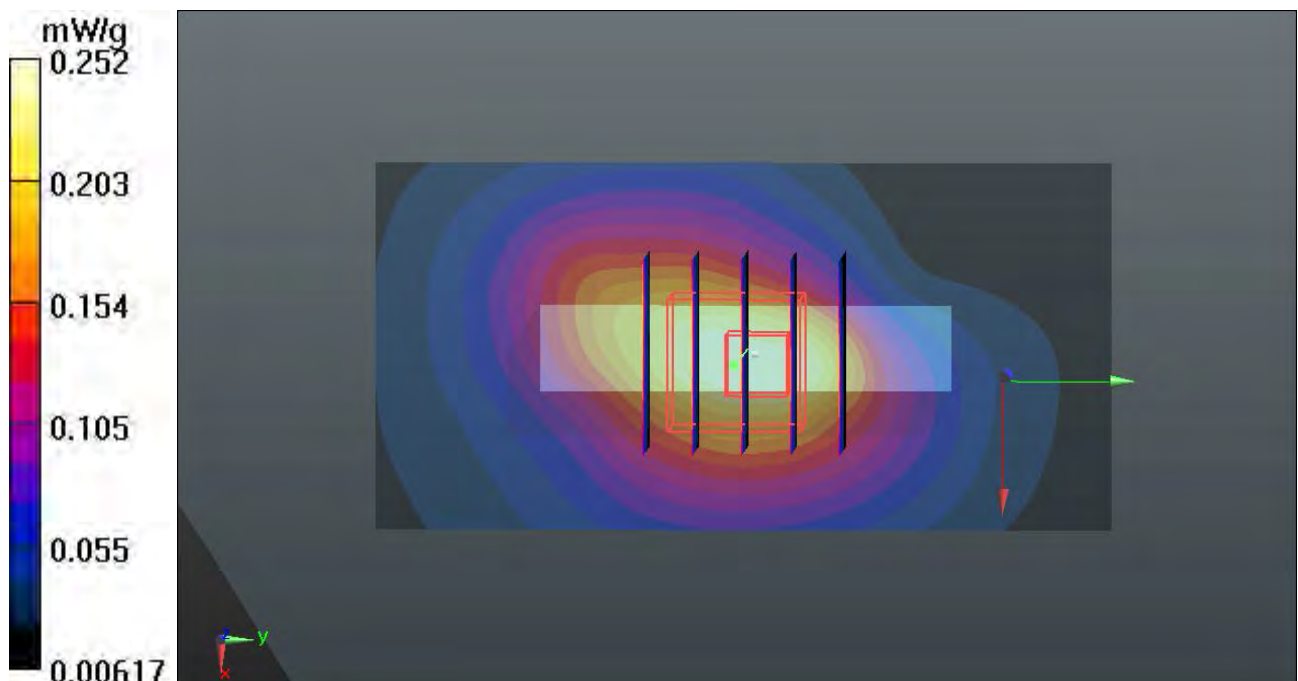
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.969 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.3720

SAR(1 g) = 0.228 mW/g; SAR(10 g) = 0.140 mW/g

Maximum value of SAR (measured) = 0.244 mW/g



115 LTE Band IV QPSK_RB 25 13_Front_1.0cm_Ch20175_Earphone**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.512 mW/g

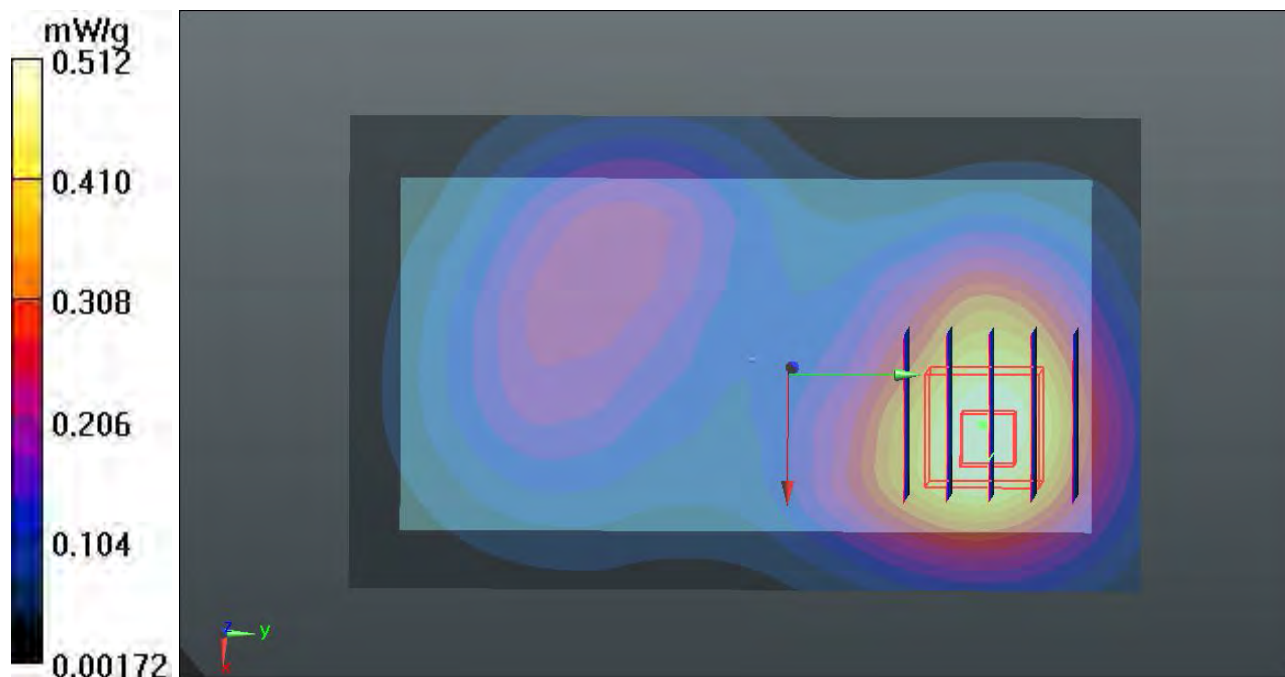
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.458 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.7260

SAR(1 g) = 0.473 mW/g; SAR(10 g) = 0.300 mW/g

Maximum value of SAR (measured) = 0.501 mW/g



116 LTE Band IV QPSK_RB 25 13_Back_1.0cm_Ch20175_Earphone**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.751 mW/g

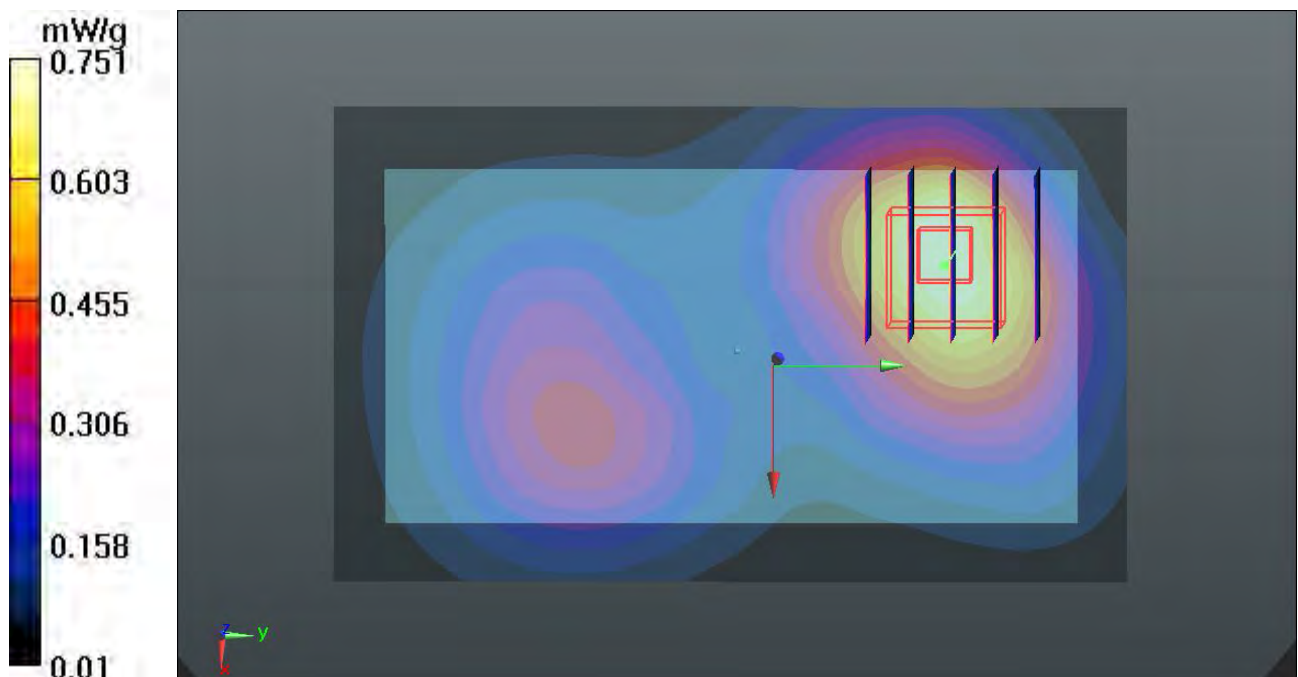
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.432 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.0560

SAR(1 g) = 0.671 mW/g; SAR(10 g) = 0.424 mW/g

Maximum value of SAR (measured) = 0.719 mW/g



116 LTE Band IV QPSK_RB 25 13_Back_1.0cm_Ch20175_Earphone_2D**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.751 mW/g

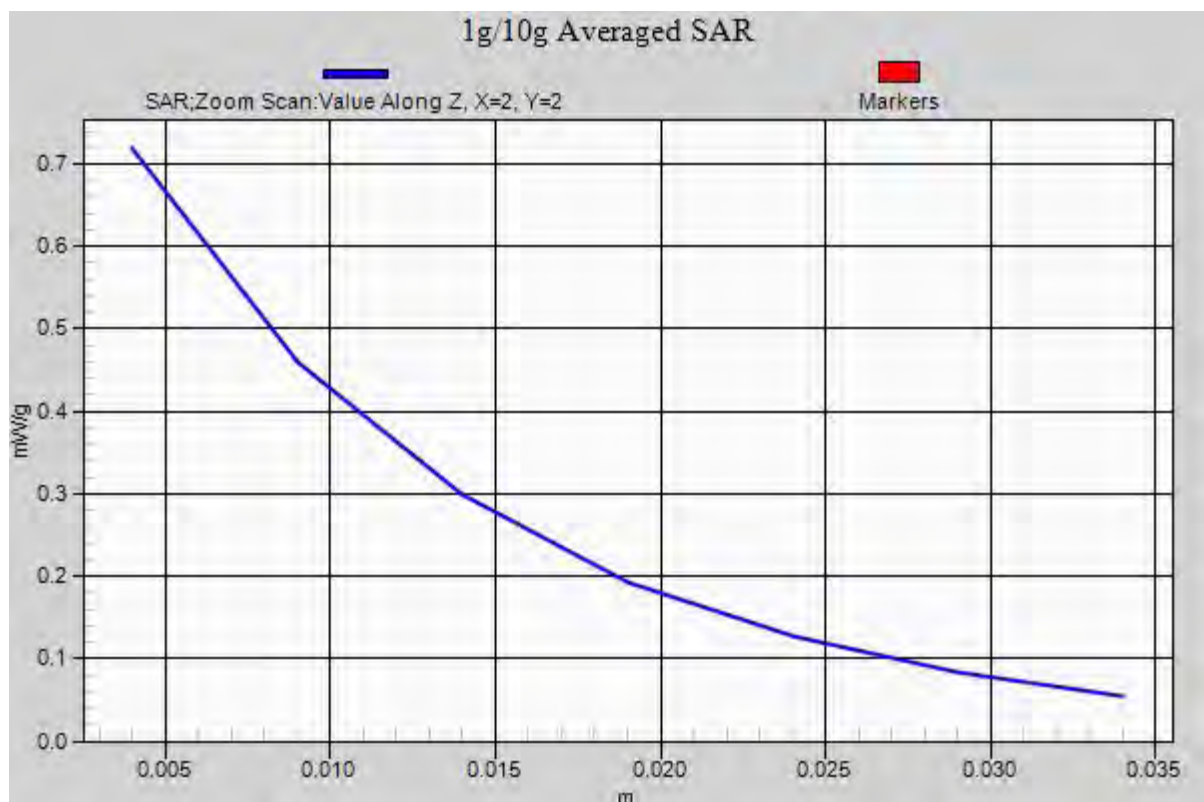
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.432 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.0560

SAR(1 g) = 0.671 mW/g; SAR(10 g) = 0.424 mW/g

Maximum value of SAR (measured) = 0.719 mW/g



117 LTE Band IV QPSK_RB 1 0_Front_1.0cm_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.528 mW/g

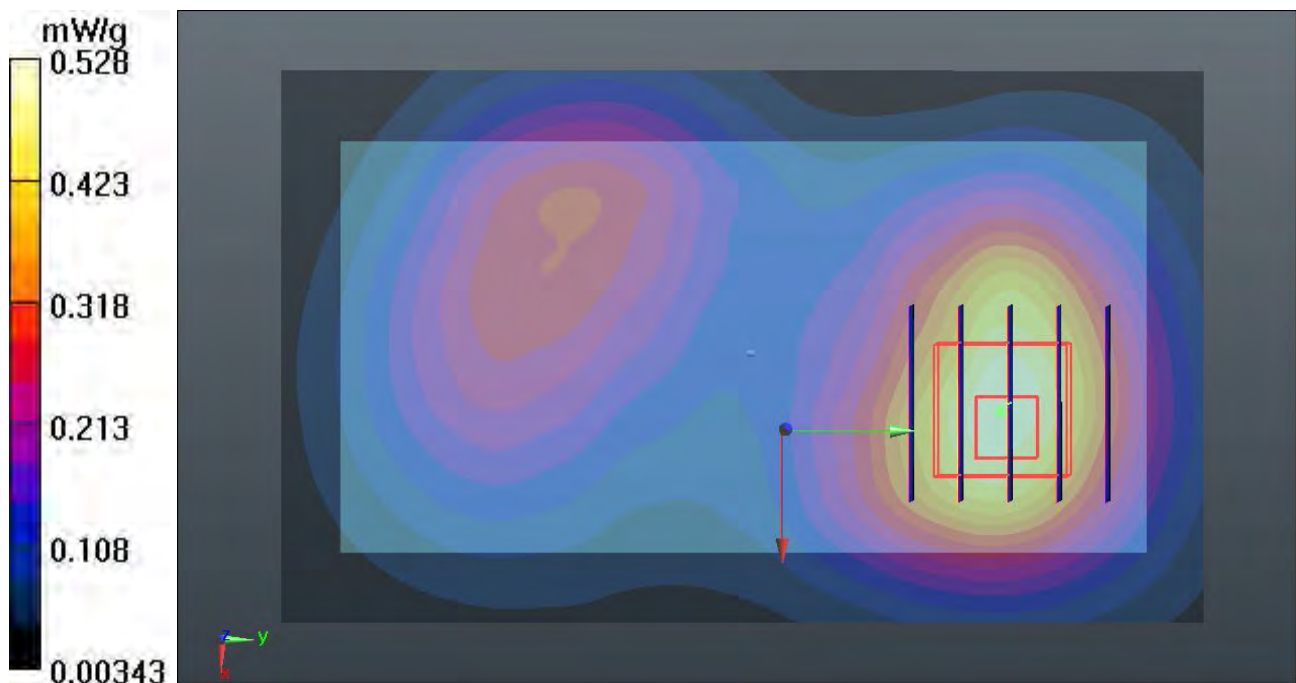
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.532 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.7350

SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.310 mW/g

Maximum value of SAR (measured) = 0.511 mW/g



118 LTE Band IV QPSK_RB 1 0_Back_1.0cm_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.834 mW/g

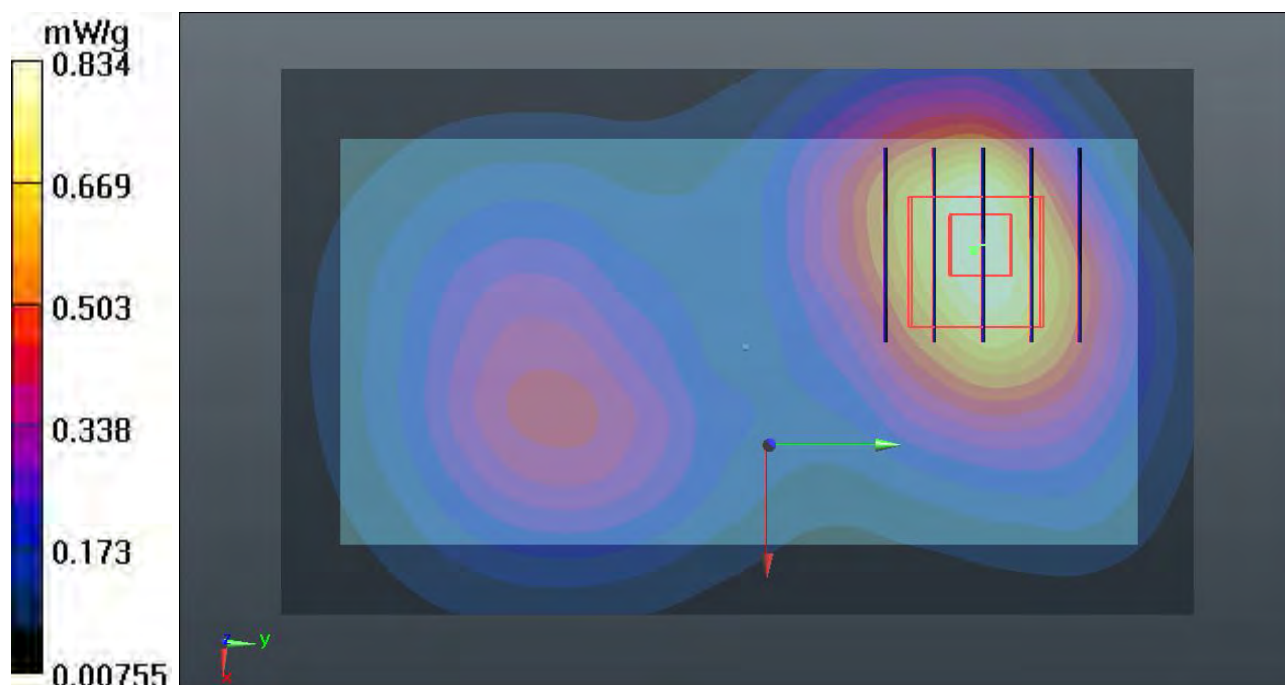
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.927 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.1450

SAR(1 g) = 0.733 mW/g; SAR(10 g) = 0.465 mW/g

Maximum value of SAR (measured) = 0.786 mW/g



120 LTE Band IV QPSK_RB 1 0_Right Side_1.0cm_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.531 mW/g

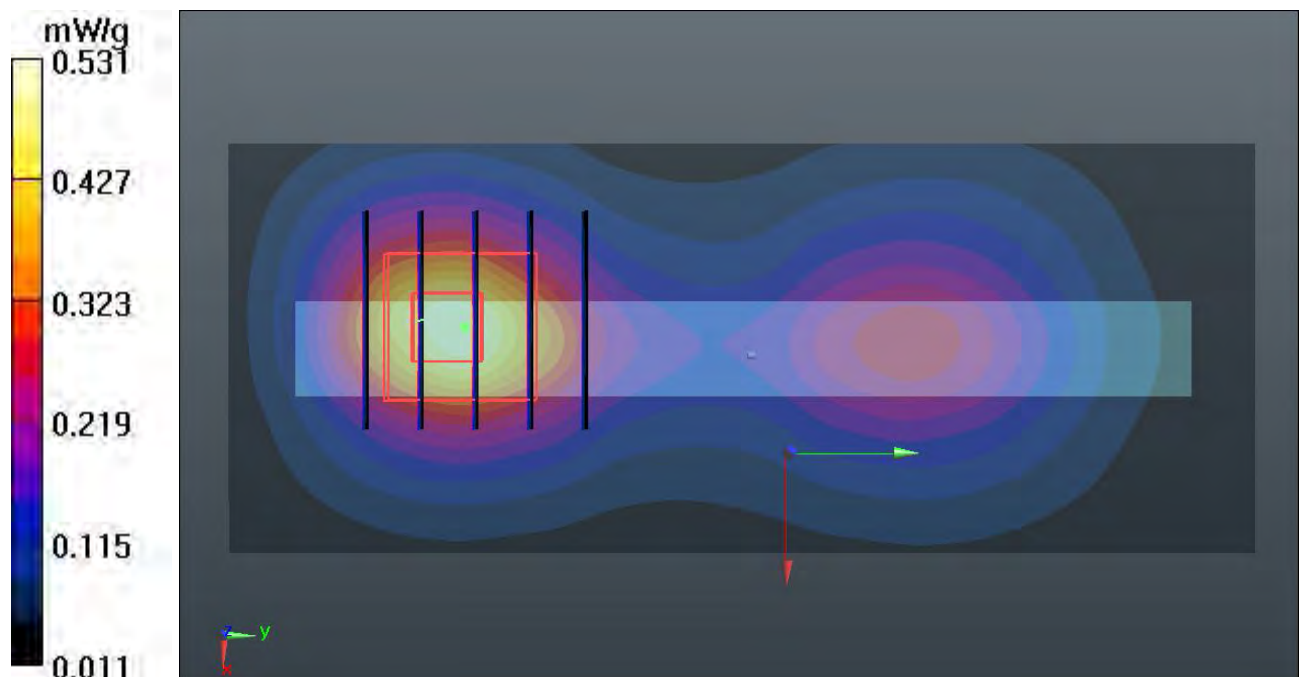
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.143 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.7670

SAR(1 g) = 0.458 mW/g; SAR(10 g) = 0.260 mW/g

Maximum value of SAR (measured) = 0.491 mW/g



121 LTE Band IV QPSK_RB 1 0_Top Side_1.0cm_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.290 mW/g

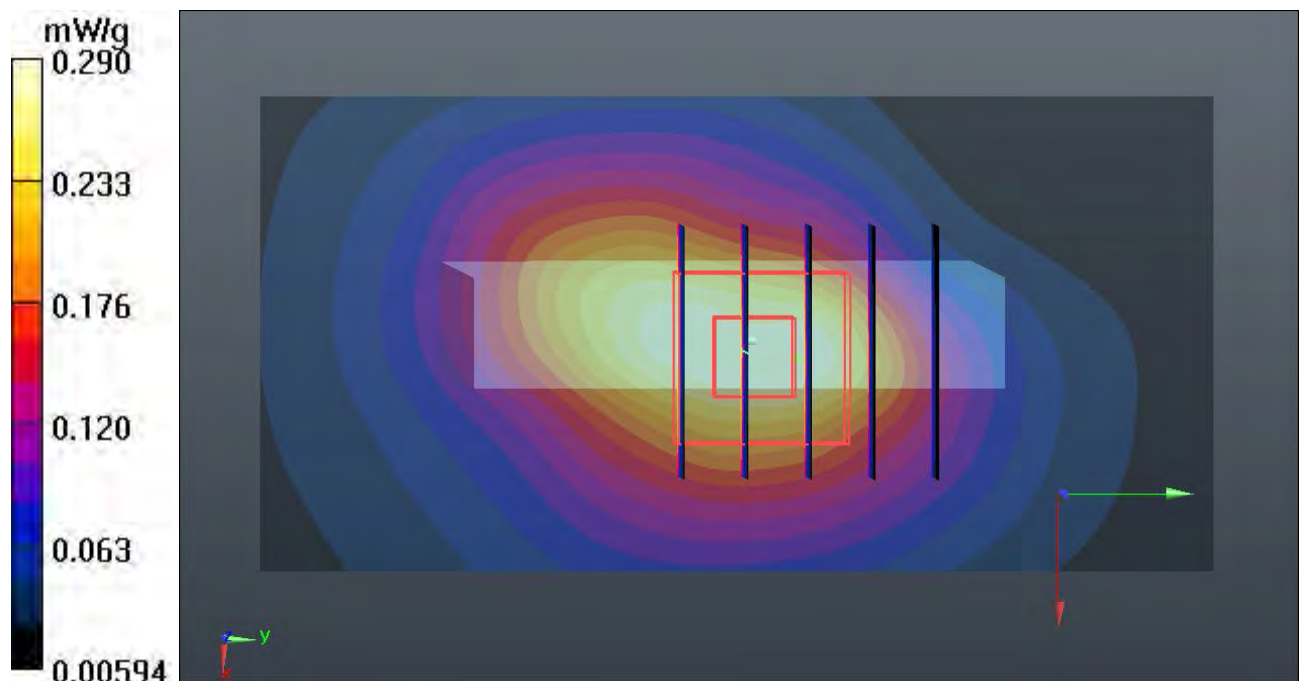
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.642 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.4210

SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.162 mW/g

Maximum value of SAR (measured) = 0.284 mW/g



123 LTE Band IV QPSK_RB 1 0_Front_1.0cm_Ch20175_Earphone**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.576 mW/g

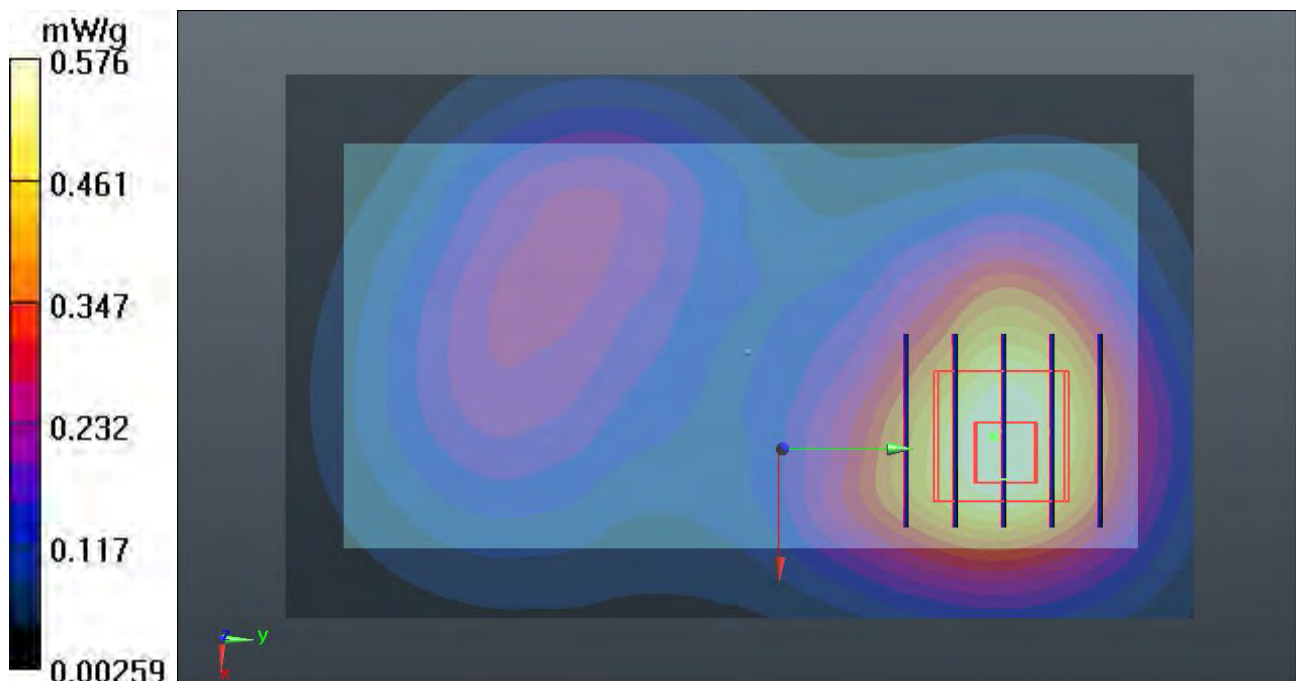
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.747 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.7930

SAR(1 g) = 0.516 mW/g; SAR(10 g) = 0.327 mW/g

Maximum value of SAR (measured) = 0.545 mW/g



124 LTE Band IV QPSK_RB 1 0_Back_1.0cm_Ch20175_Earphone**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.873 mW/g

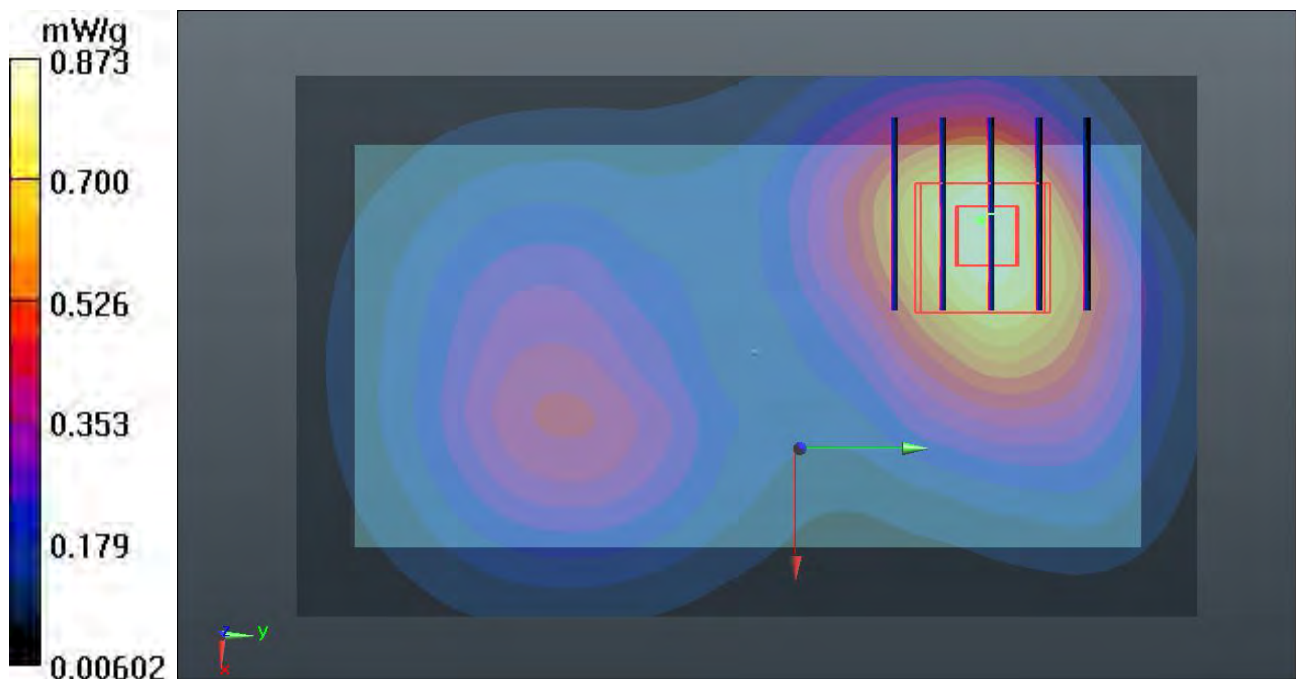
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.067 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 1.2260

SAR(1 g) = 0.776 mW/g; SAR(10 g) = 0.486 mW/g

Maximum value of SAR (measured) = 0.828 mW/g



124 LTE Band IV QPSK_RB 1 0_Back_1.0cm_Ch20175_Earphone_2D**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.873 mW/g

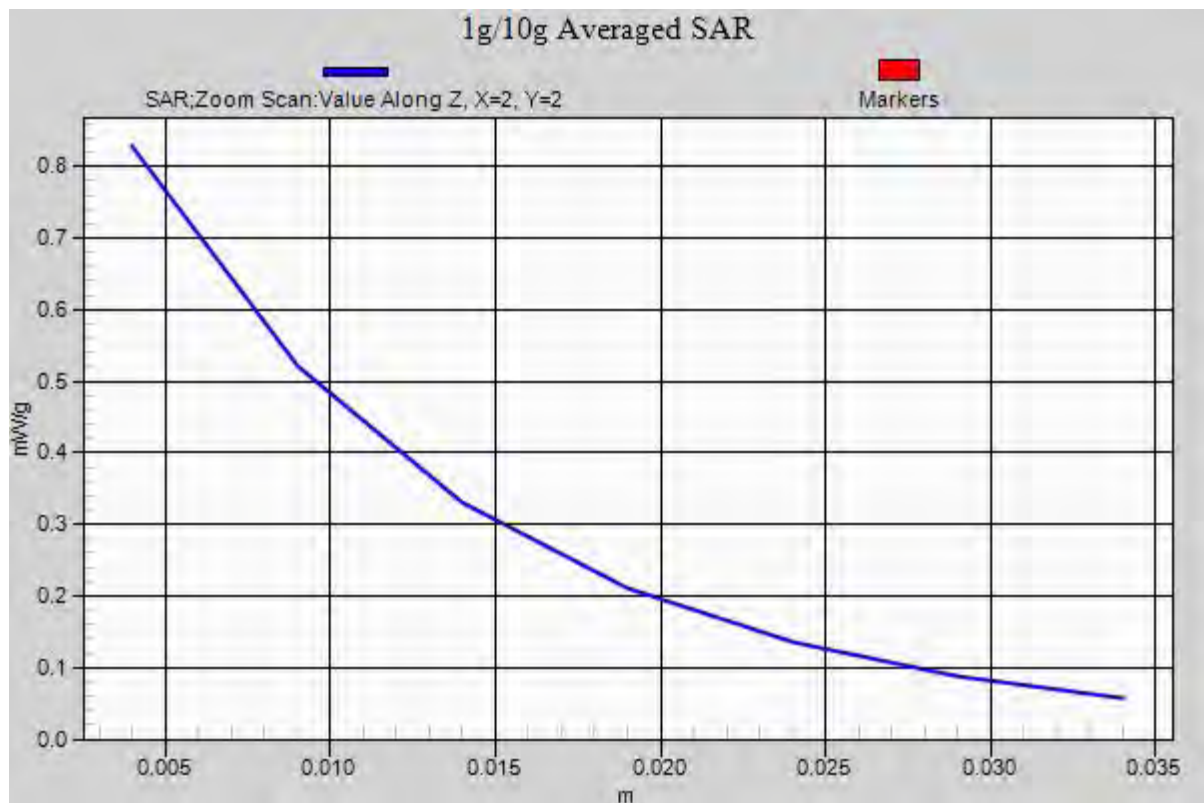
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.067 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 1.2260

SAR(1 g) = 0.776 mW/g; SAR(10 g) = 0.486 mW/g

Maximum value of SAR (measured) = 0.828 mW/g



125 LTE Band IV QPSK_RB 1 49_Front_1.0cm_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.525 mW/g

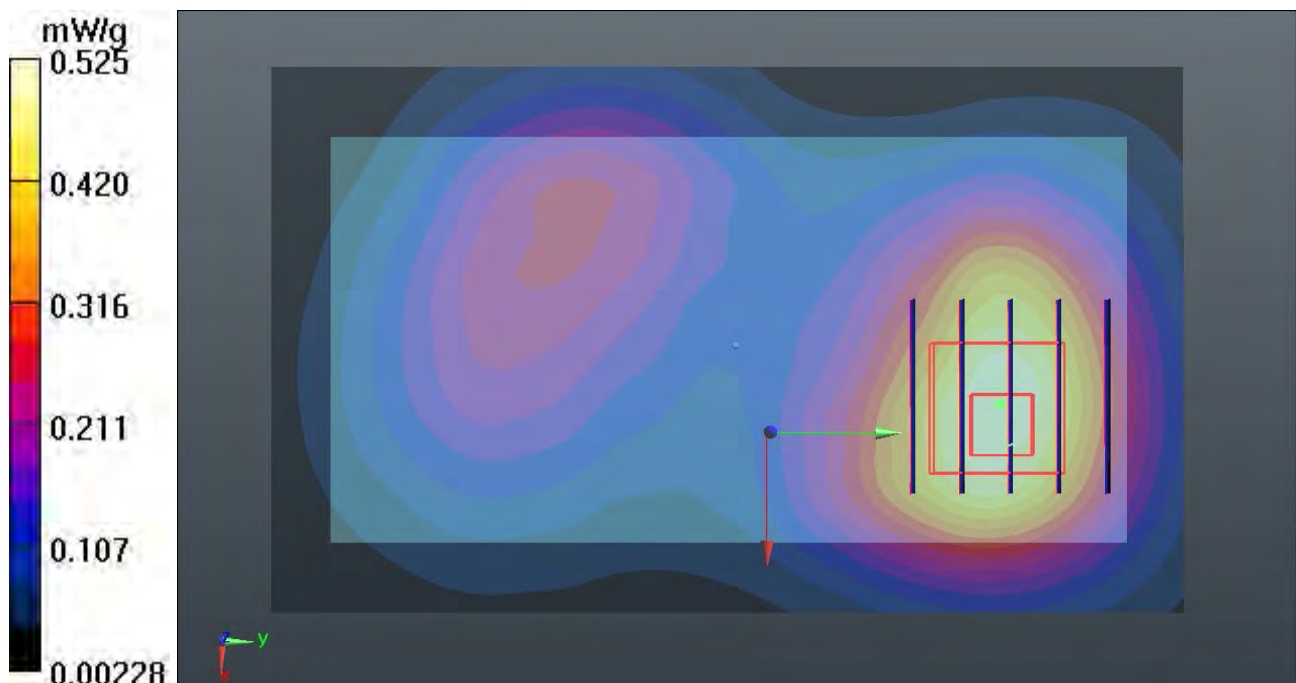
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.717 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.7230

SAR(1 g) = 0.476 mW/g; SAR(10 g) = 0.307 mW/g

Maximum value of SAR (measured) = 0.507 mW/g



126 LTE Band IV QPSK_RB 1 49_Back_1.0cm_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.844 mW/g

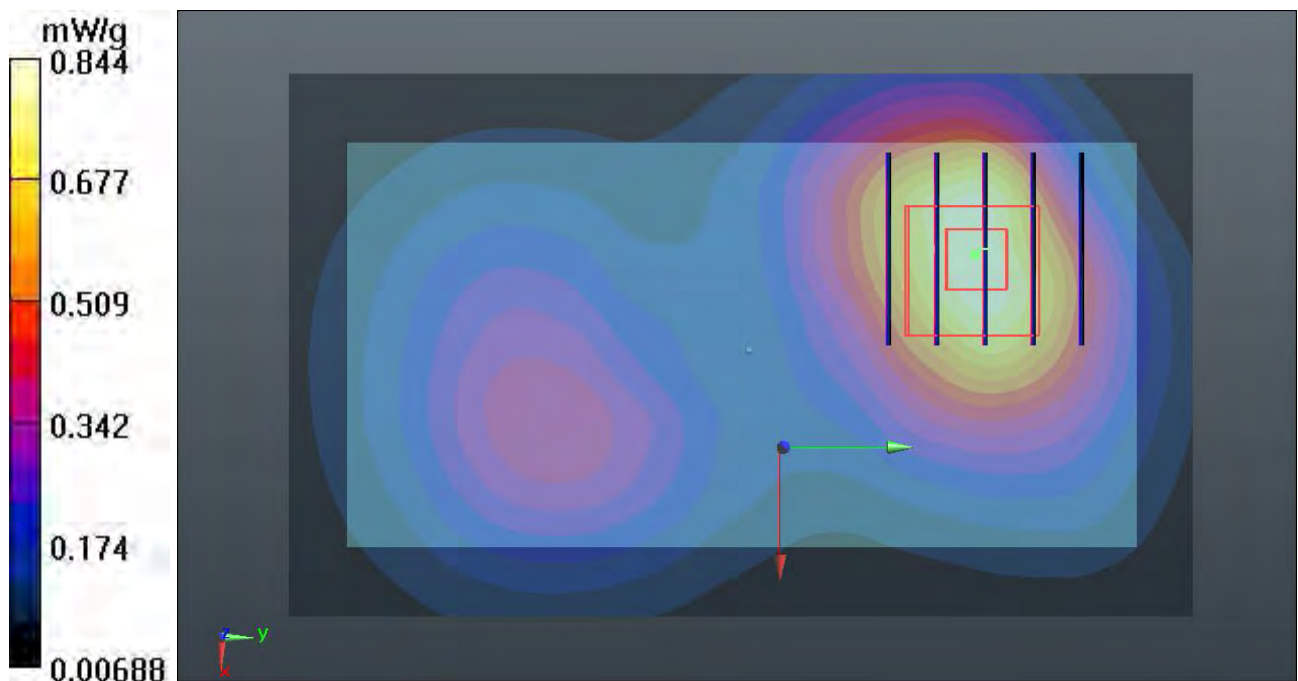
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.419 V/m; Power Drift = 0.0039 dB

Peak SAR (extrapolated) = 1.1170

SAR(1 g) = 0.723 mW/g; SAR(10 g) = 0.462 mW/g

Maximum value of SAR (measured) = 0.773 mW/g



128 LTE Band IV QPSK_RB 1 49_Right Side_1.0cm_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.549 mW/g

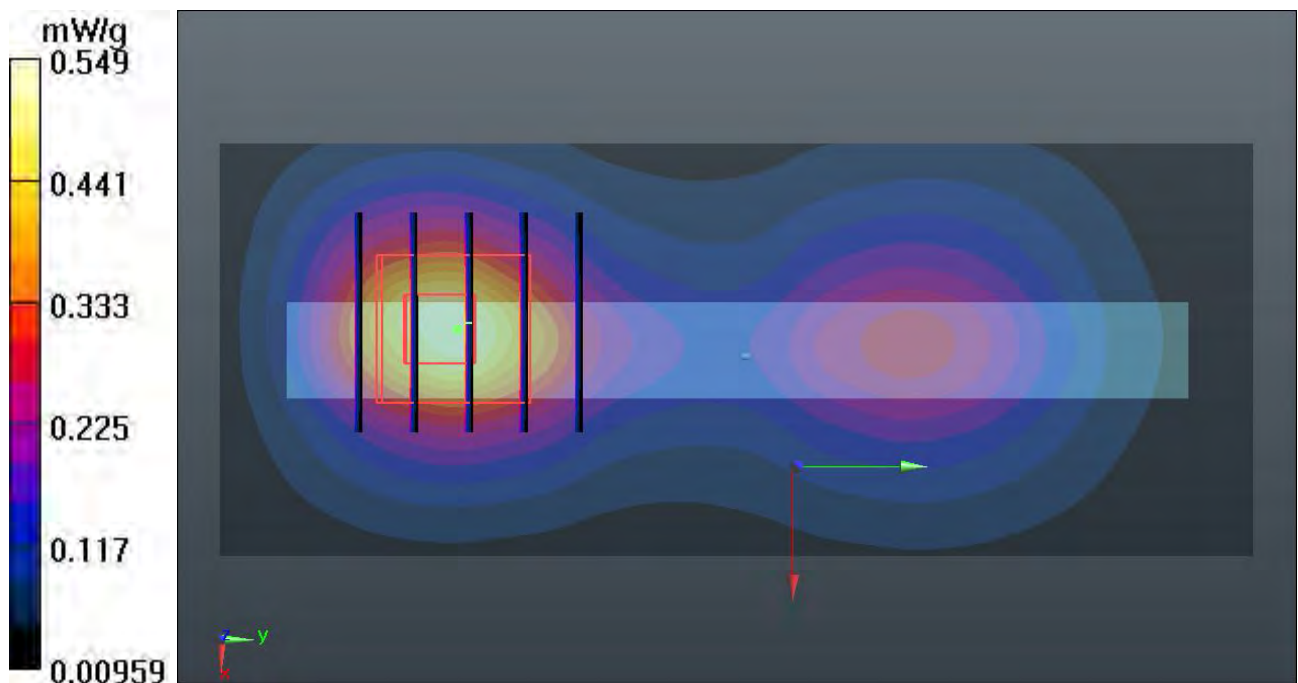
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.029 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.7850

SAR(1 g) = 0.475 mW/g; SAR(10 g) = 0.271 mW/g

Maximum value of SAR (measured) = 0.509 mW/g



129 LTE Band IV QPSK_RB 1 49_Top Side_1.0cm_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.309 mW/g

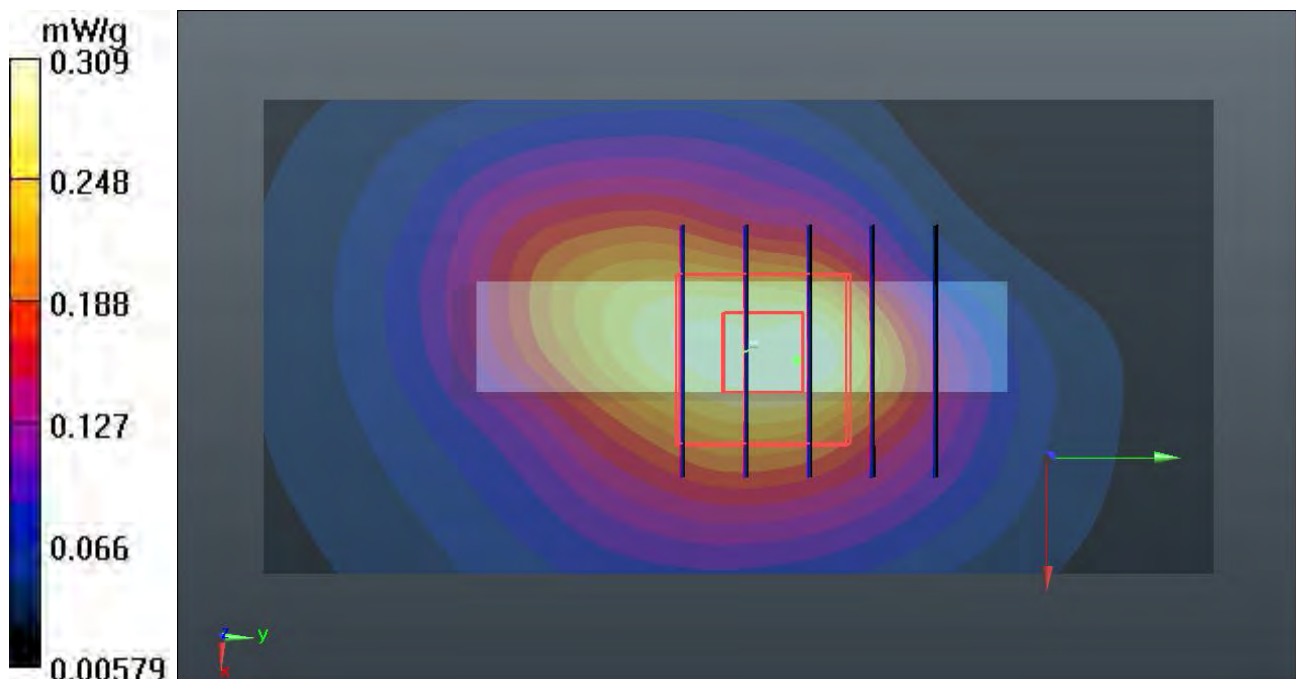
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.634 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.4450

SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.168 mW/g

Maximum value of SAR (measured) = 0.296 mW/g



131 LTE Band IV QPSK_RB 1 49_Front_1.0cm_Ch20175_Earphone**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.553 mW/g

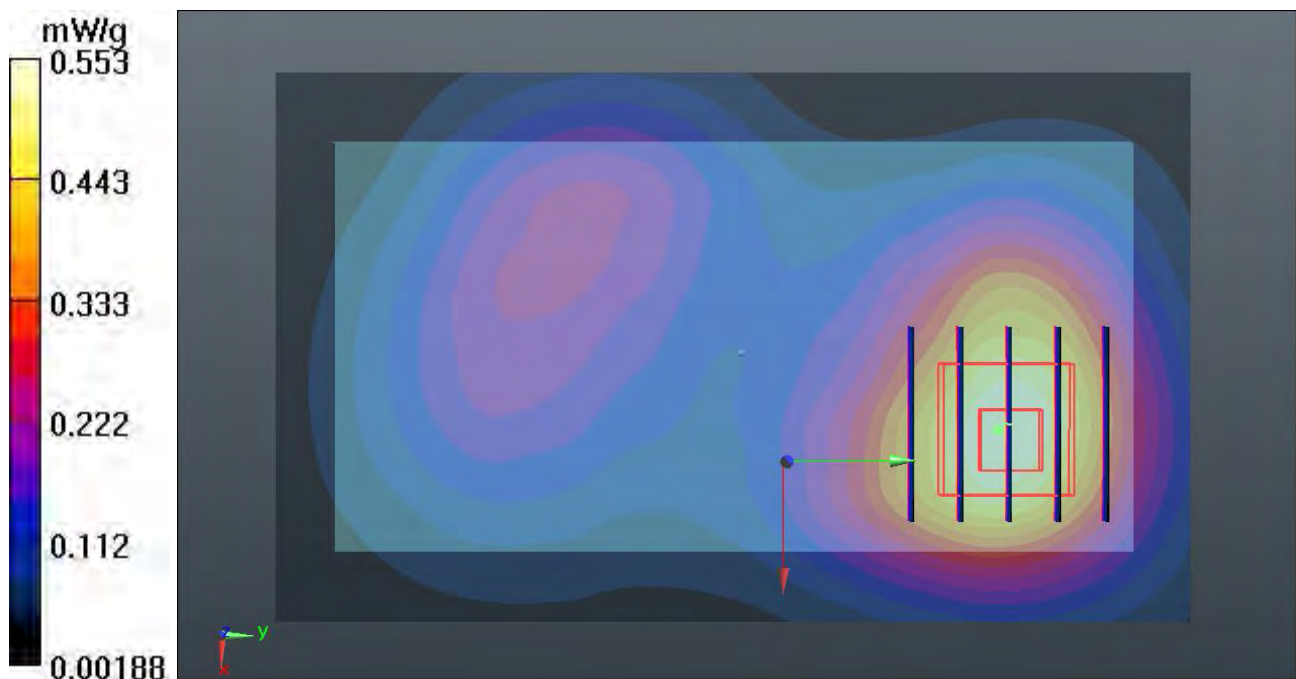
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.760 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.7690

SAR(1 g) = 0.502 mW/g; SAR(10 g) = 0.319 mW/g

Maximum value of SAR (measured) = 0.531 mW/g



132 LTE Band IV QPSK_RB 1 49_Back_1.0cm_Ch20175_Earphone**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.877 mW/g

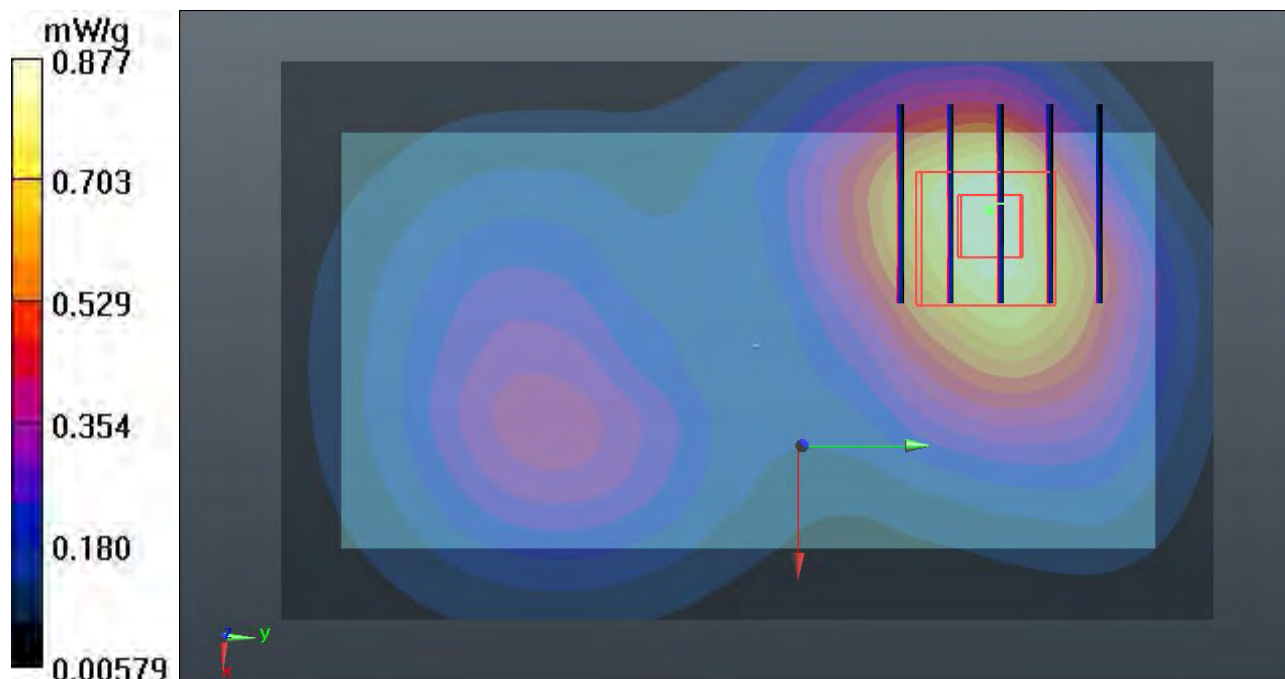
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.432 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.2140

SAR(1 g) = 0.770 mW/g; SAR(10 g) = 0.485 mW/g

Maximum value of SAR (measured) = 0.817 mW/g



132 LTE Band IV QPSK_RB 1 49_Back_1.0cm_Ch20175_Earphone_2D**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.877 mW/g

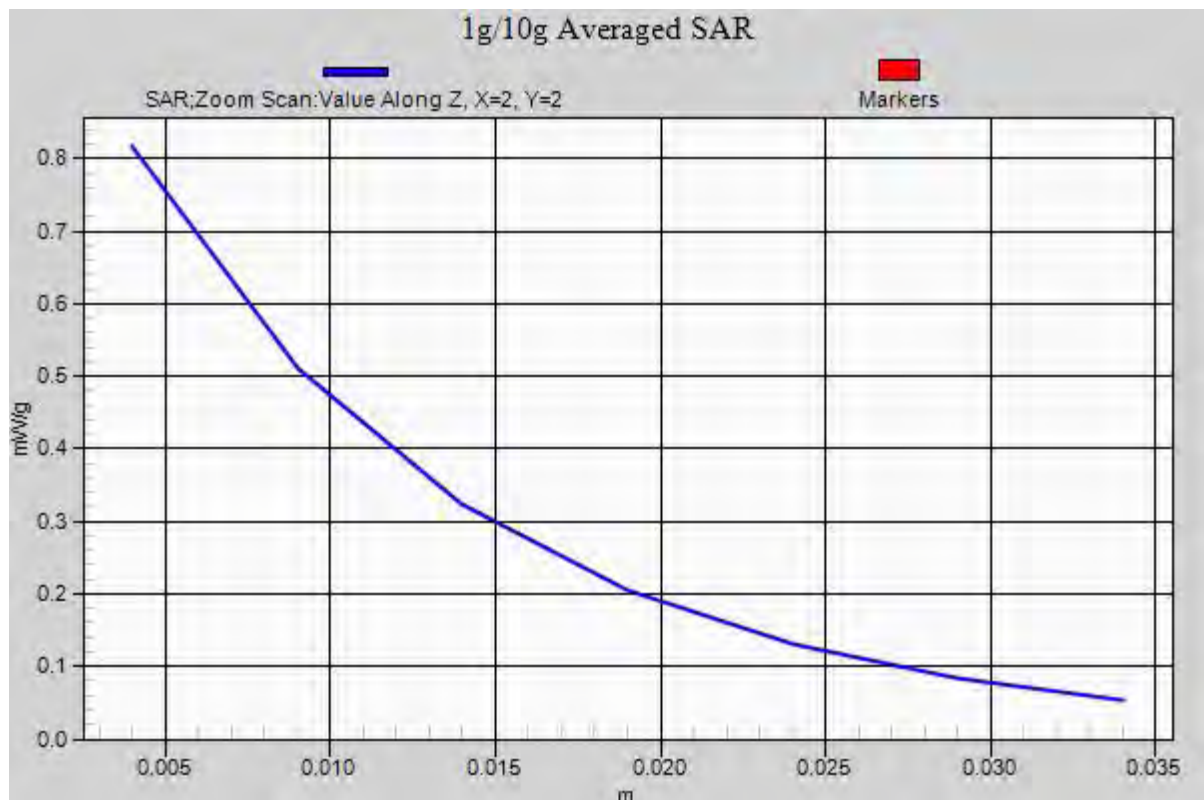
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.432 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.2140

SAR(1 g) = 0.770 mW/g; SAR(10 g) = 0.485 mW/g

Maximum value of SAR (measured) = 0.817 mW/g



133 LTE Band IV 16-QAM_RB 25 13_Front_1.0cm_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.384 mW/g

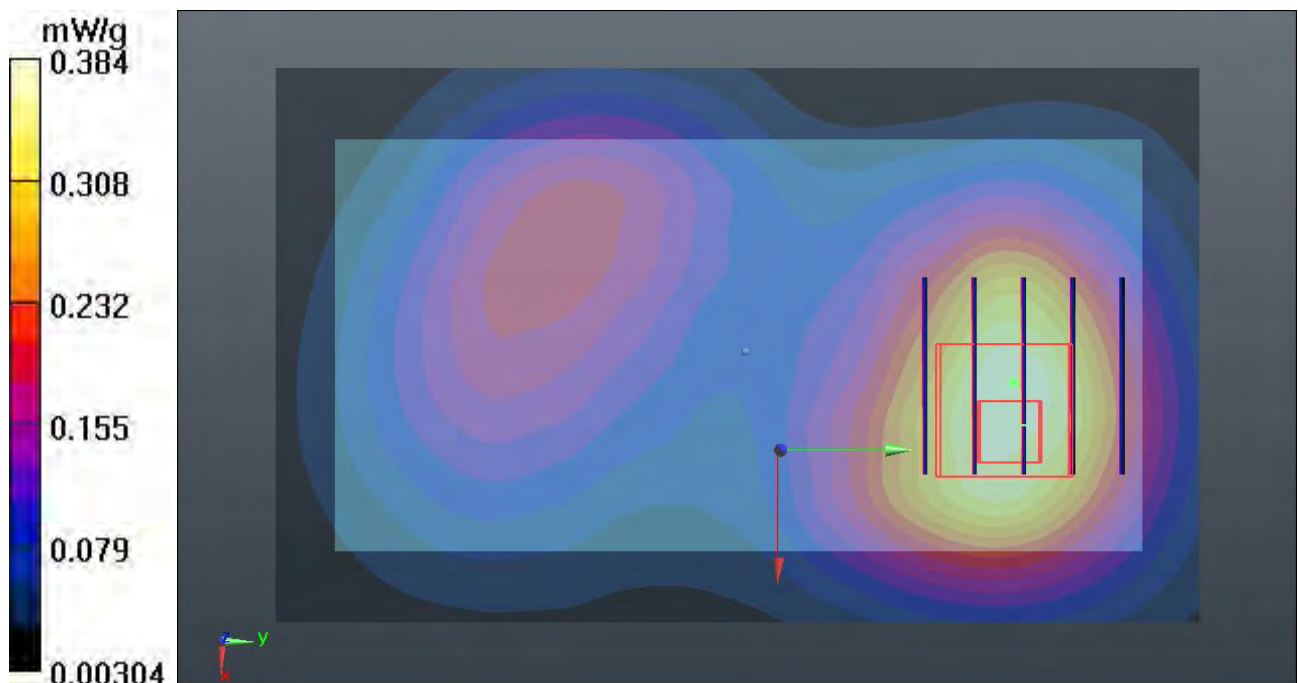
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.549 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.5280

SAR(1 g) = 0.347 mW/g; SAR(10 g) = 0.224 mW/g

Maximum value of SAR (measured) = 0.370 mW/g



134 LTE Band IV 16-QAM_RB 25 13_Back_1.0cm_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.596 mW/g

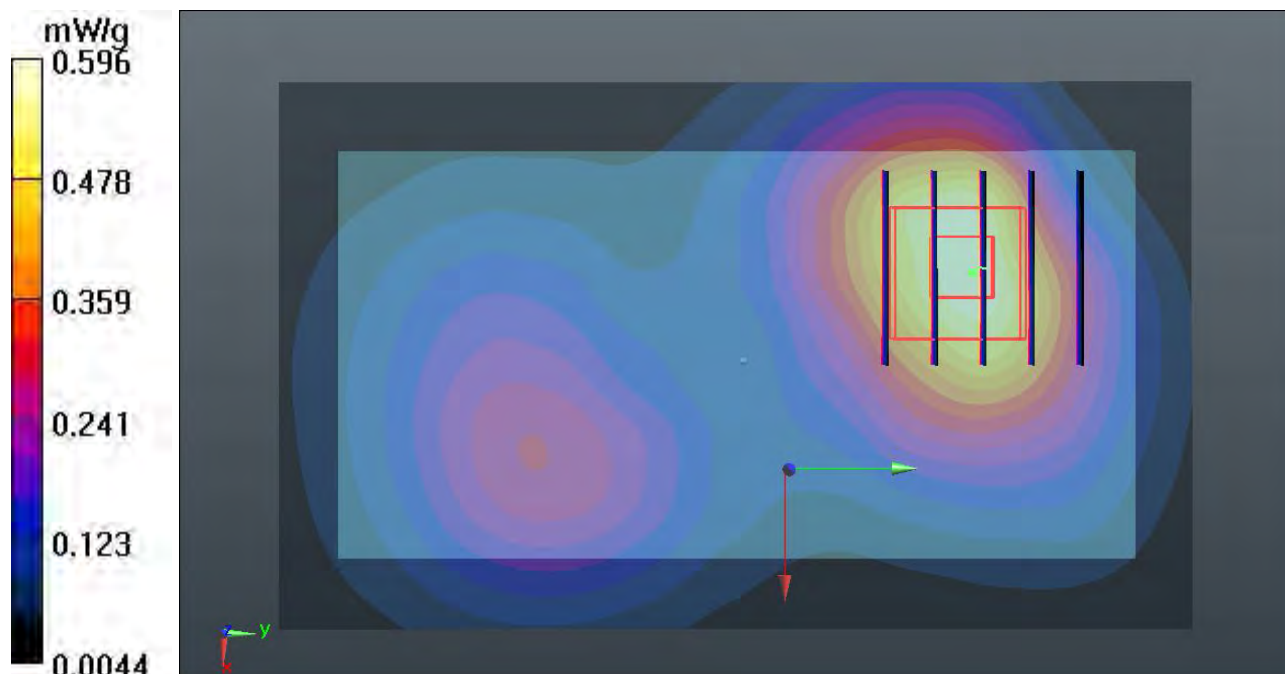
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.161 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.8610

SAR(1 g) = 0.548 mW/g; SAR(10 g) = 0.348 mW/g

Maximum value of SAR (measured) = 0.581 mW/g



136 LTE Band IV 16-QAM_RB 25 13_Right Side_1.0cm_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.418 mW/g

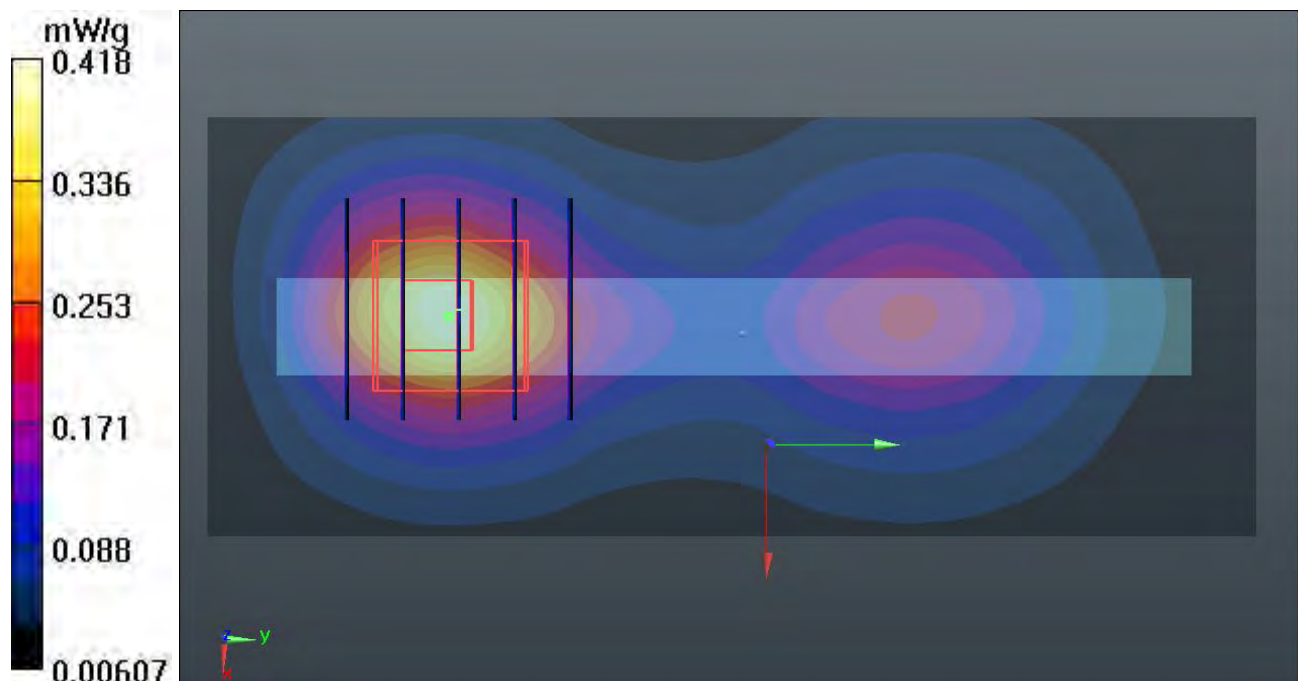
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.360 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.5830

SAR(1 g) = 0.353 mW/g; SAR(10 g) = 0.200 mW/g

Maximum value of SAR (measured) = 0.382 mW/g



137 LTE Band IV 16-QAM_RB 25 13_Top Side_1.0cm_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.214 mW/g

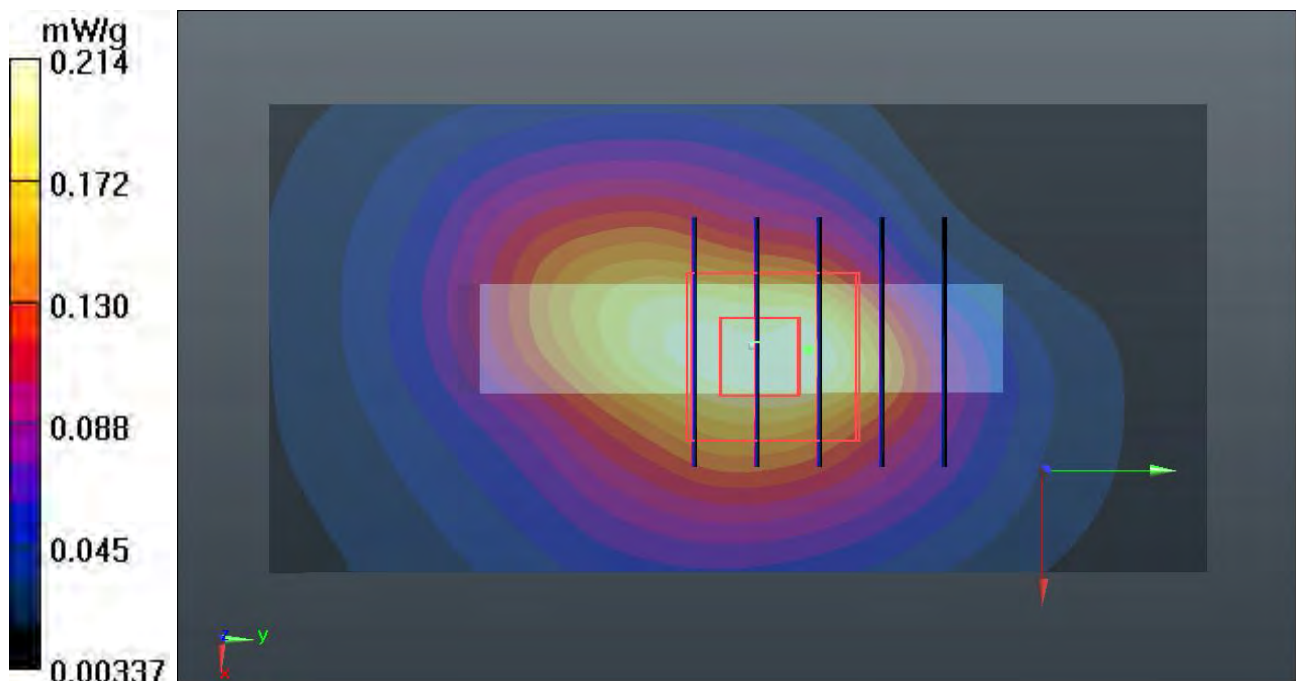
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.555 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.3070

SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.116 mW/g

Maximum value of SAR (measured) = 0.204 mW/g



139 LTE Band IV 16-QAM_RB 25 13_Front_1.0cm_Ch20175_Earphone**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.412 mW/g

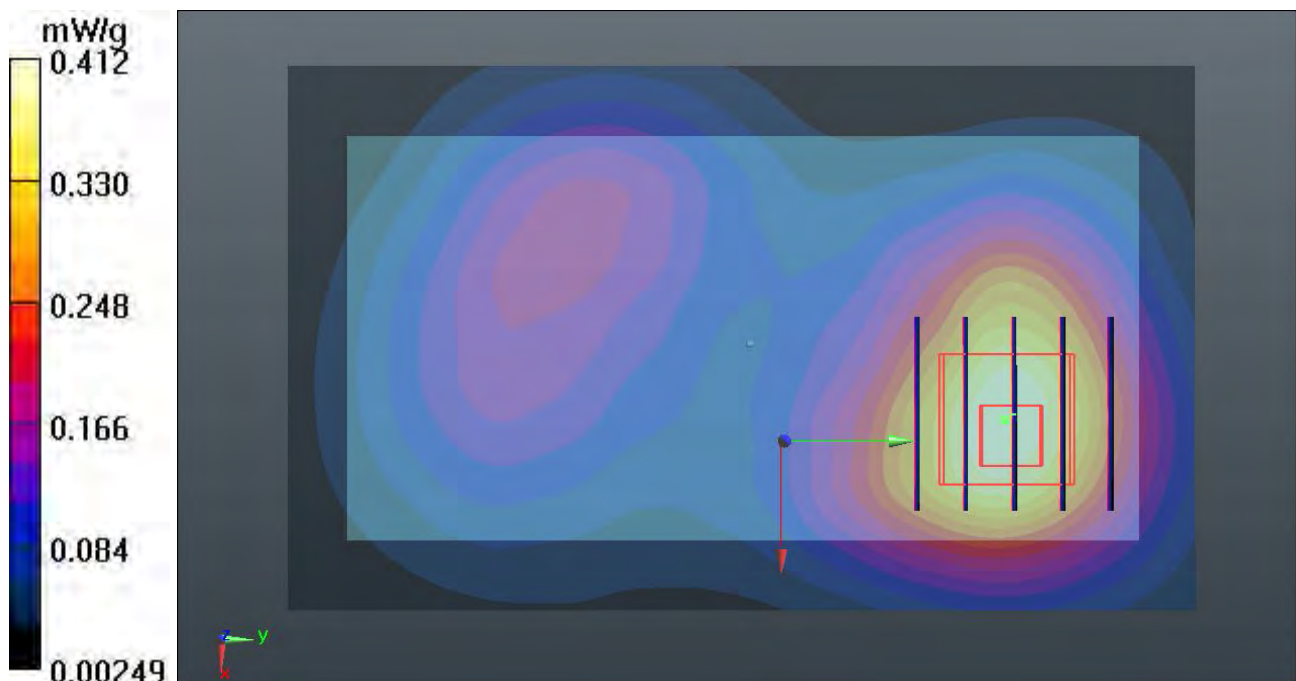
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.462 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.5760

SAR(1 g) = 0.375 mW/g; SAR(10 g) = 0.237 mW/g

Maximum value of SAR (measured) = 0.397 mW/g



140 LTE Band IV 16-QAM_RB 25 13_Back_1.0cm_Ch20175_Earphone**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.645 mW/g

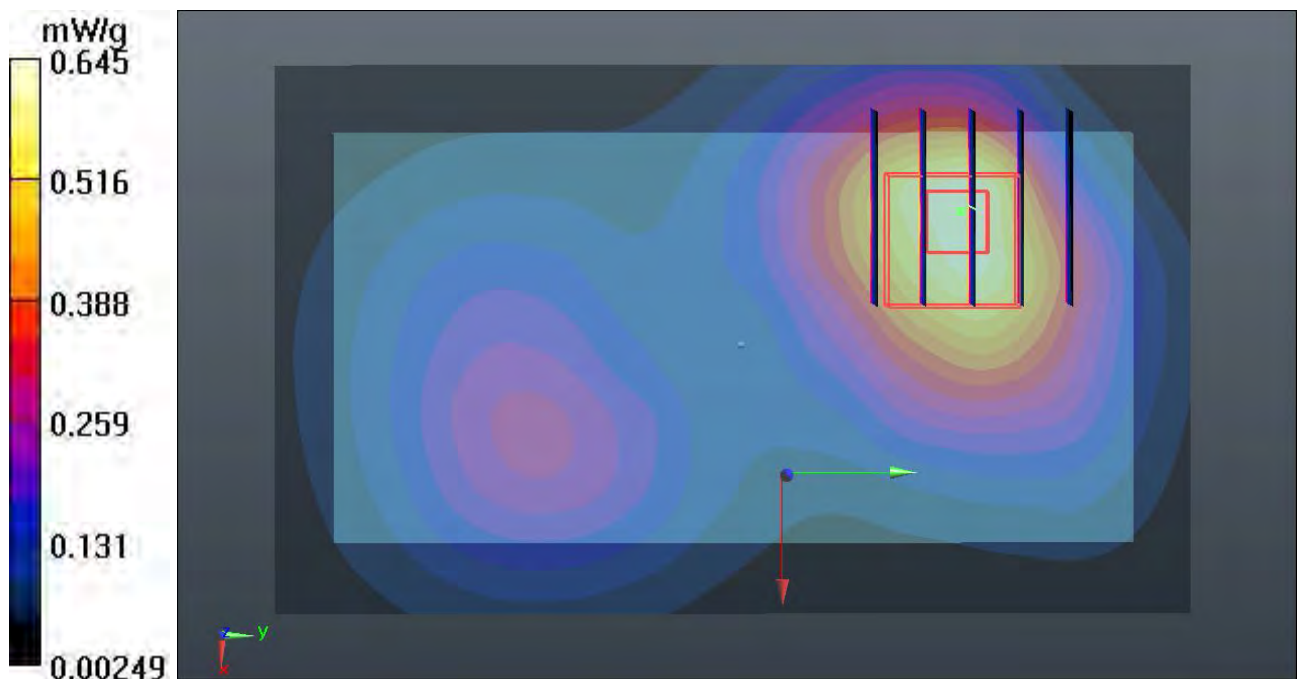
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.253 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.8900

SAR(1 g) = 0.564 mW/g; SAR(10 g) = 0.355 mW/g

Maximum value of SAR (measured) = 0.598 mW/g



140 LTE Band IV 16-QAM_RB 25 13_Back_1.0cm_Ch20175_Earphone_2D**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.645 mW/g

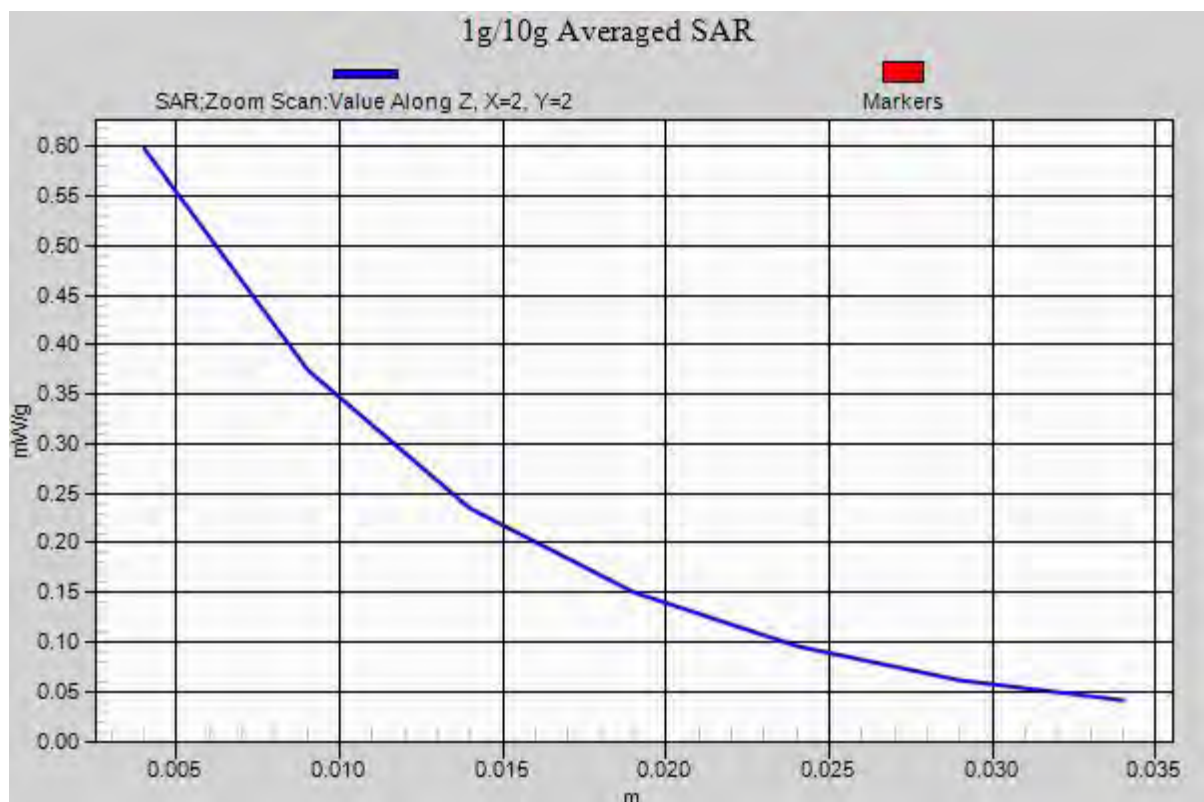
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.253 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.8900

SAR(1 g) = 0.564 mW/g; SAR(10 g) = 0.355 mW/g

Maximum value of SAR (measured) = 0.598 mW/g



141 LTE Band IV 16-QAM_RB 1 0_Front_1.0cm_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.592 mW/g

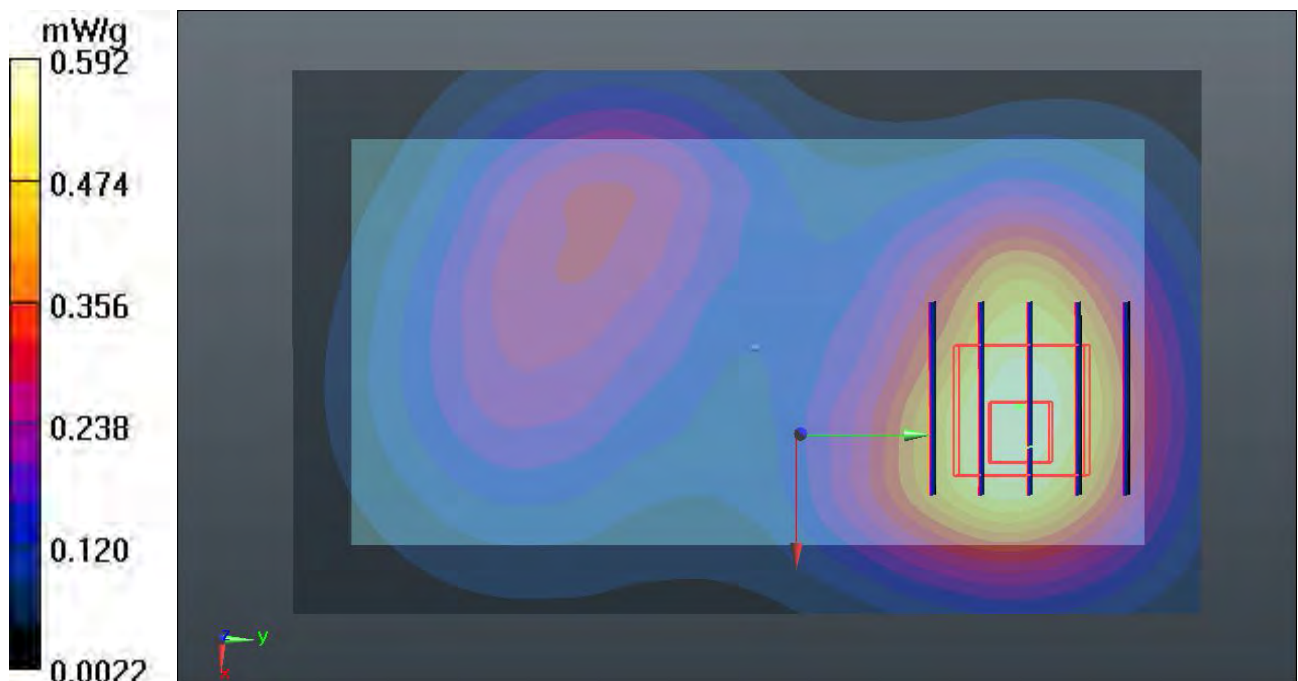
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.169 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.8420

SAR(1 g) = 0.555 mW/g; SAR(10 g) = 0.358 mW/g

Maximum value of SAR (measured) = 0.594 mW/g



142 LTE Band IV 16-QAM_RB 1 0_Back_1.0cm_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.914 mW/g

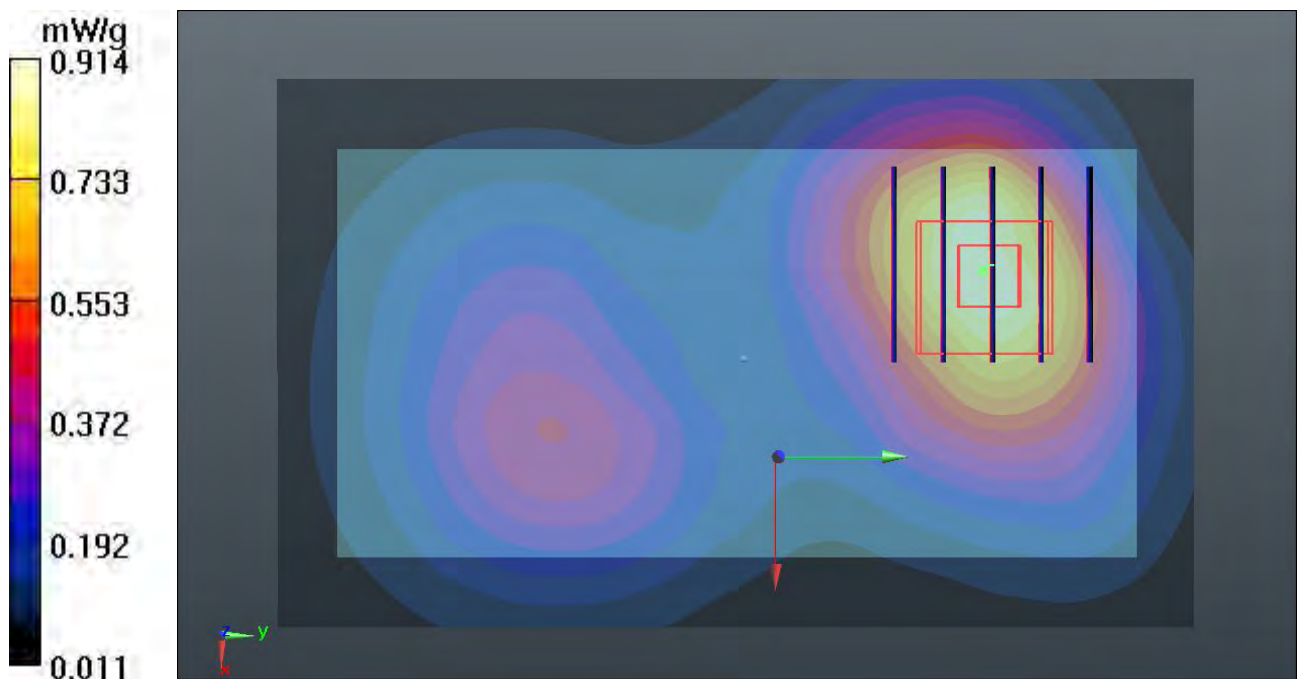
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.141 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.1940

SAR(1 g) = 0.788 mW/g; SAR(10 g) = 0.507 mW/g

Maximum value of SAR (measured) = 0.844 mW/g



144 LTE Band IV 16-QAM_RB 1 0_Right Side_1.0cm_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.619 mW/g

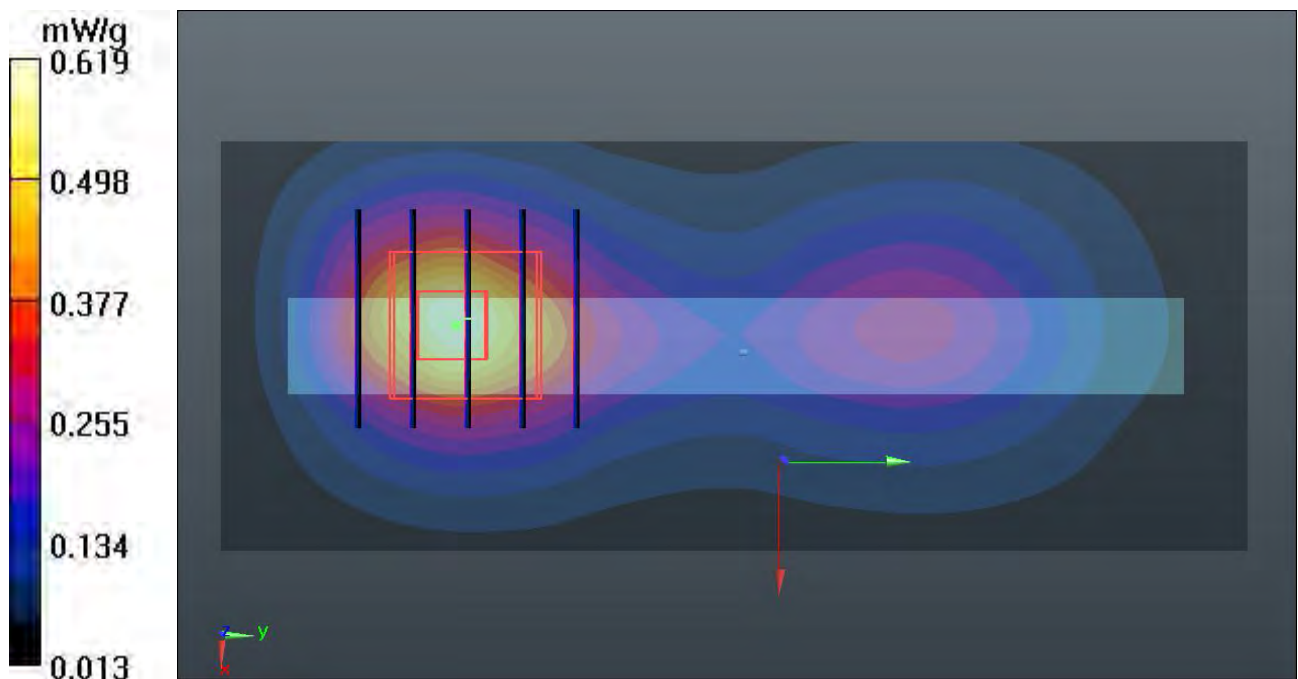
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.799 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.8560

SAR(1 g) = 0.521 mW/g; SAR(10 g) = 0.299 mW/g

Maximum value of SAR (measured) = 0.568 mW/g



145 LTE Band IV 16-QAM_RB 1 0_Top Side_1.0cm_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.297 mW/g

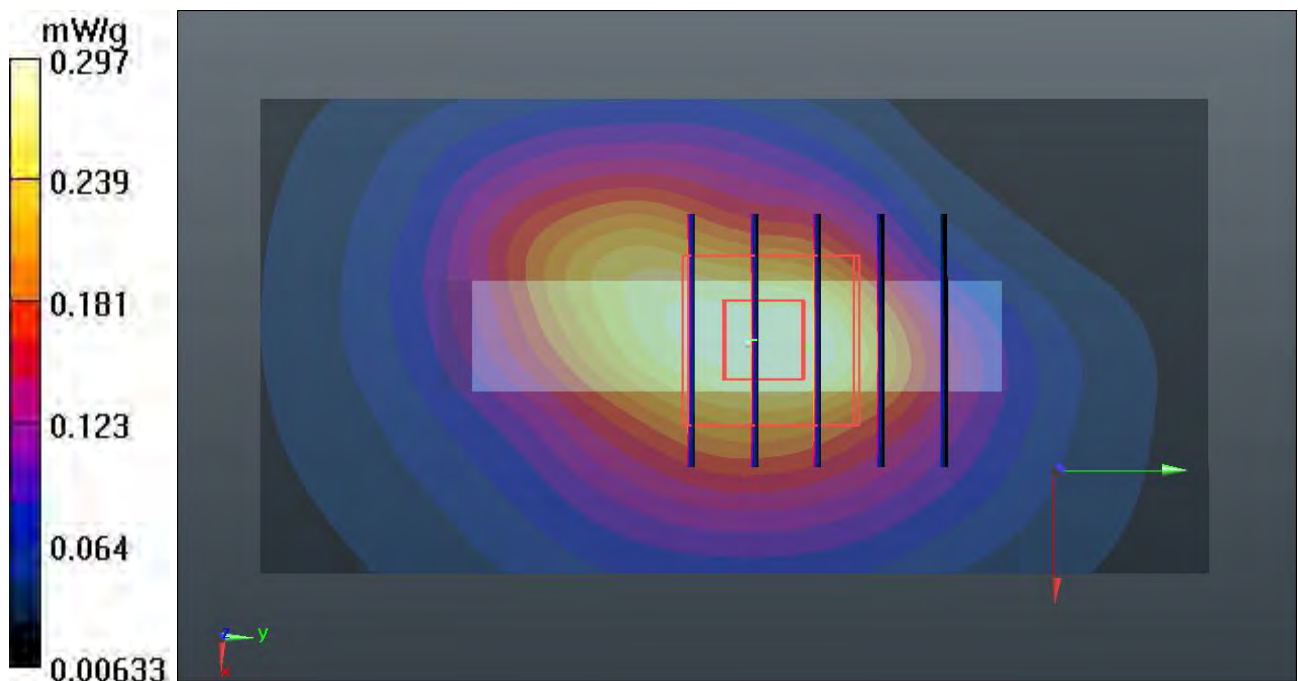
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.376 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.4280

SAR(1 g) = 0.270 mW/g; SAR(10 g) = 0.166 mW/g

Maximum value of SAR (measured) = 0.292 mW/g



147 LTE Band IV 16-QAM_RB 1 0_Front_1.0cm_Ch20175_Earphone**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.629 mW/g

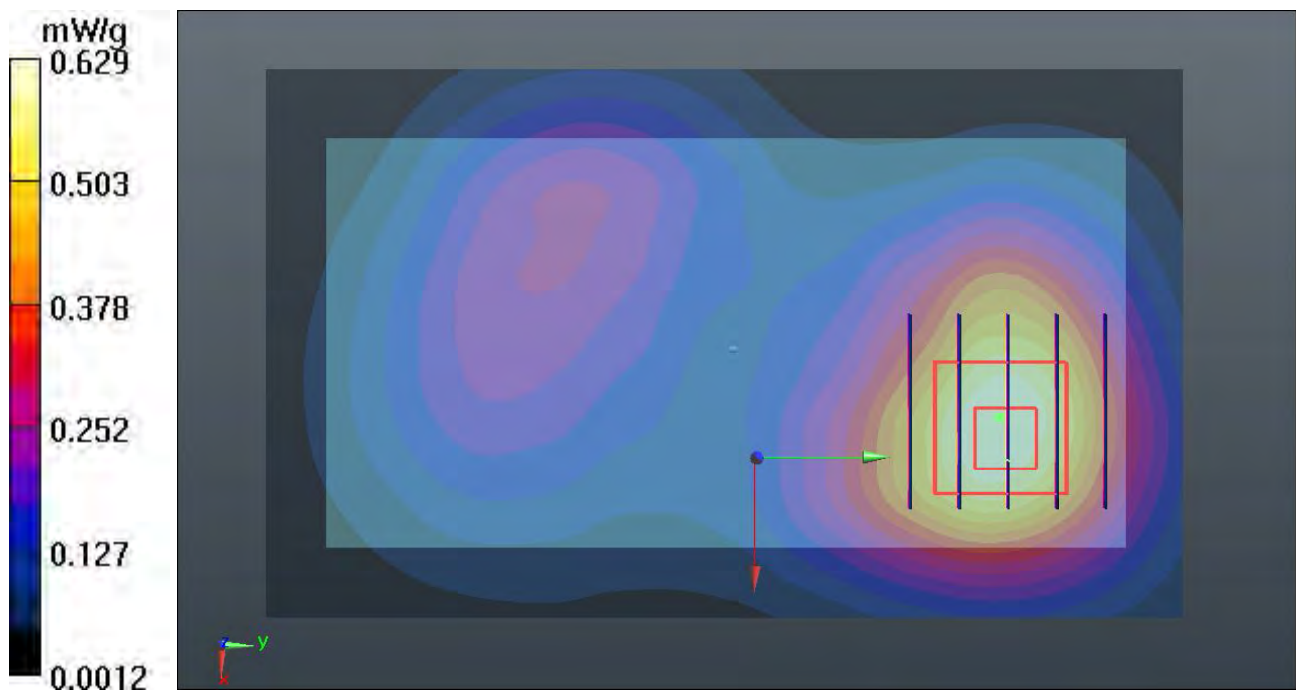
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.999 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.9190

SAR(1 g) = 0.602 mW/g; SAR(10 g) = 0.383 mW/g

Maximum value of SAR (measured) = 0.644 mW/g



148 LTE Band IV 16-QAM_RB 1 0_Back_1.0cm_Ch20175_Earphone**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.954 mW/g

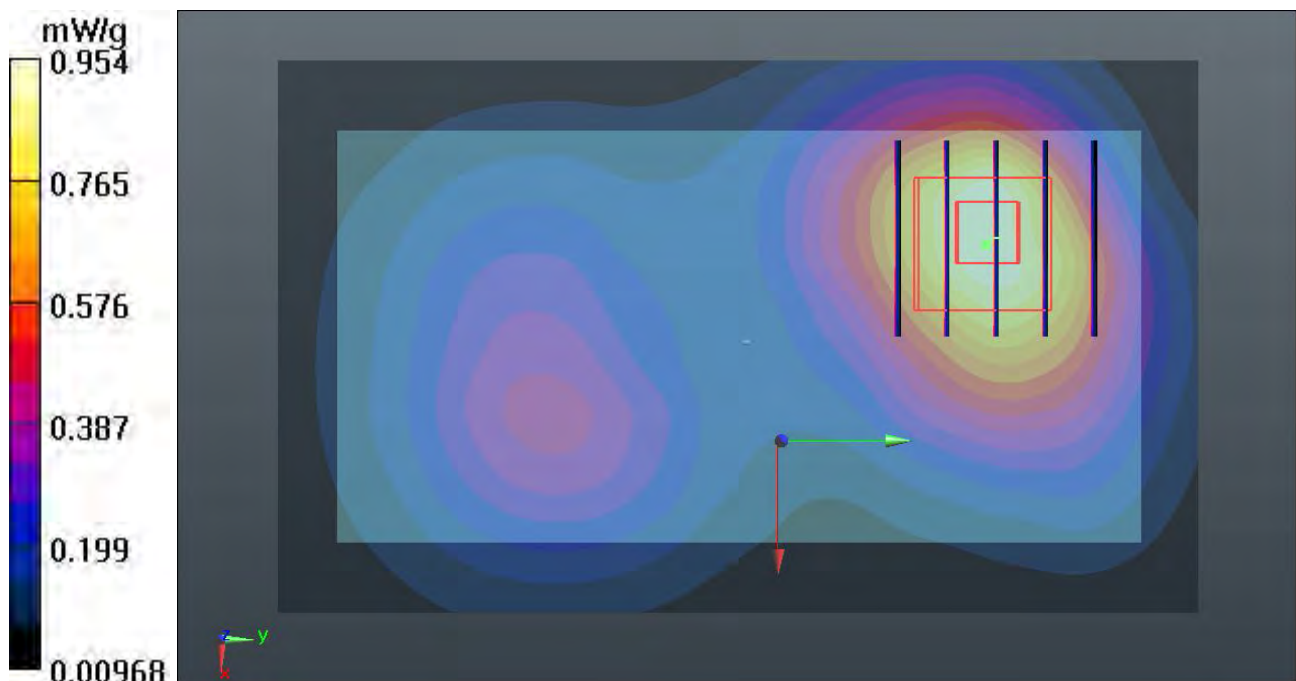
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.014 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.3450

SAR(1 g) = 0.859 mW/g; SAR(10 g) = 0.542 mW/g

Maximum value of SAR (measured) = 0.922 mW/g



148 LTE Band IV 16-QAM_RB 1 0_Back_1.0cm_Ch20175_Earphone_2D**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.954 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.014 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.3450

SAR(1 g) = 0.859 mW/g; SAR(10 g) = 0.542 mW/g

Maximum value of SAR (measured) = 0.922 mW/g



151 LTE Band IV 16-QAM_RB 1 49_Front_1.0cm_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.604 mW/g

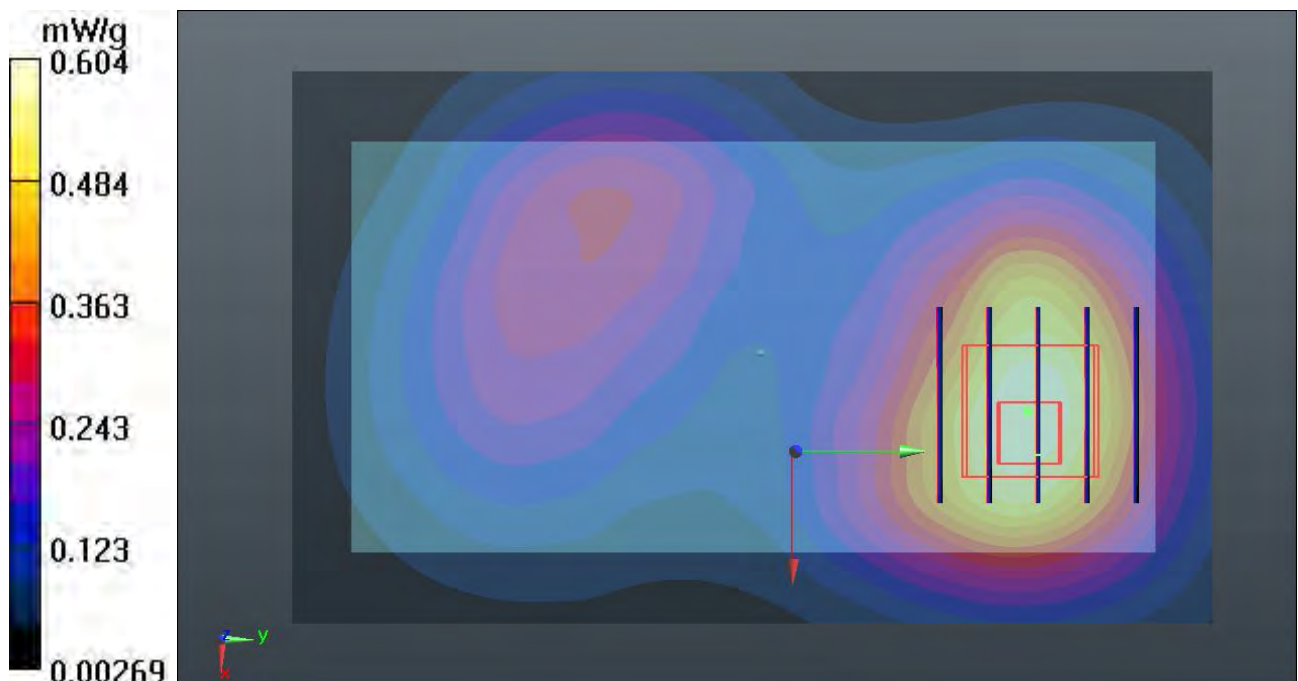
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.171 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.8230

SAR(1 g) = 0.545 mW/g; SAR(10 g) = 0.354 mW/g

Maximum value of SAR (measured) = 0.579 mW/g



152 LTE Band IV 16-QAM_RB 1 49_Back_1.0cm_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.893 mW/g

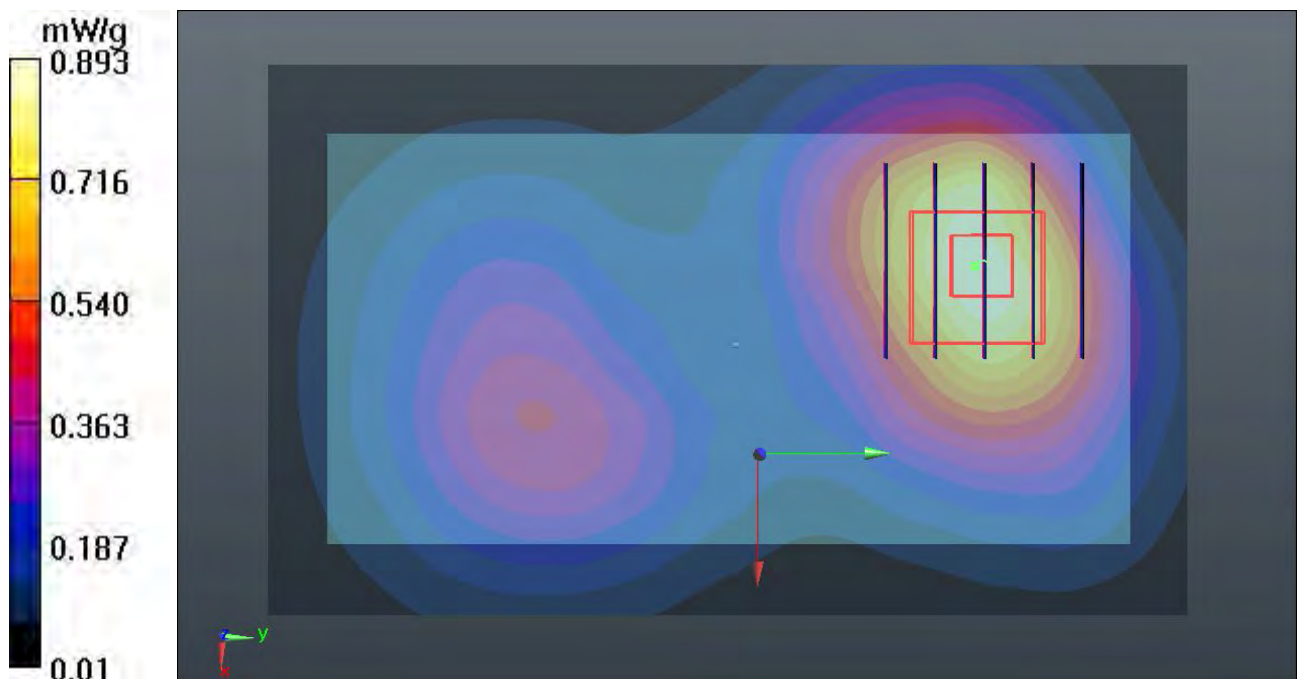
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.780 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.2220

SAR(1 g) = 0.791 mW/g; SAR(10 g) = 0.508 mW/g

Maximum value of SAR (measured) = 0.845 mW/g



154 LTE Band IV 16-QAM_RB 1 49_Right Side_1.0cm_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.631 mW/g

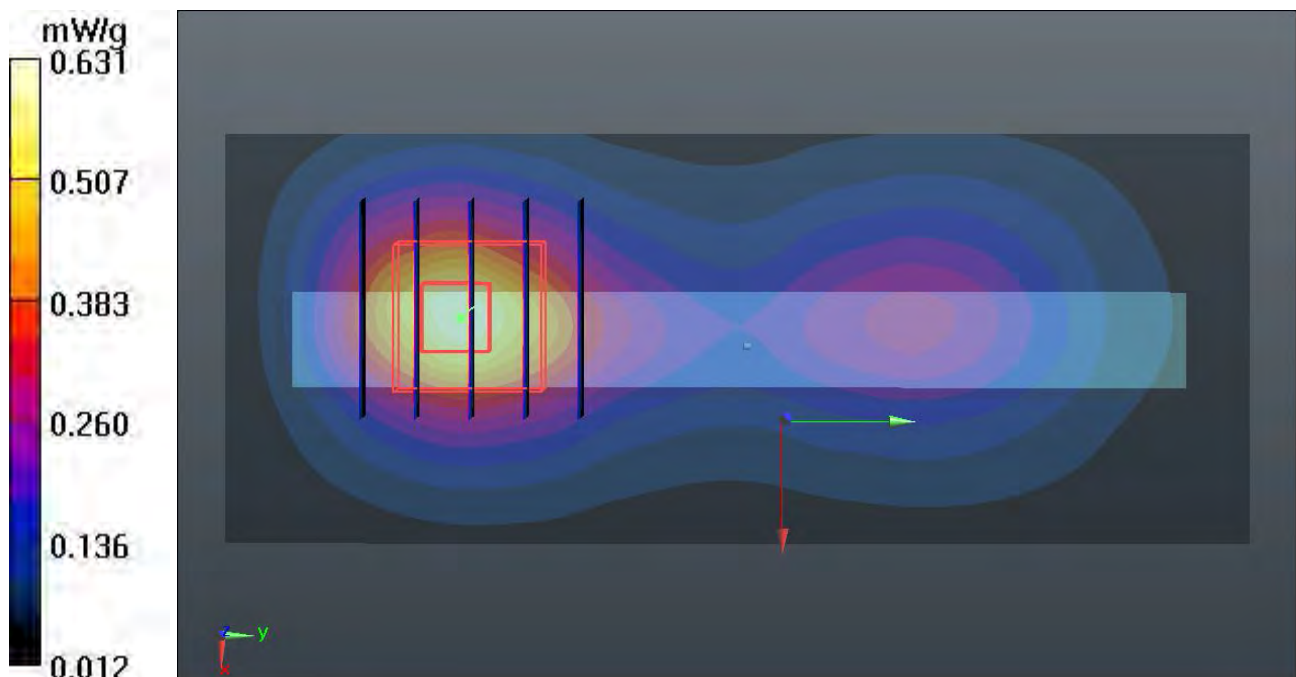
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.796 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.8610

SAR(1 g) = 0.523 mW/g; SAR(10 g) = 0.299 mW/g

Maximum value of SAR (measured) = 0.570 mW/g



155 LTE Band IV 16-QAM_RB 1 49_Top Side_1.0cm_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.322 mW/g

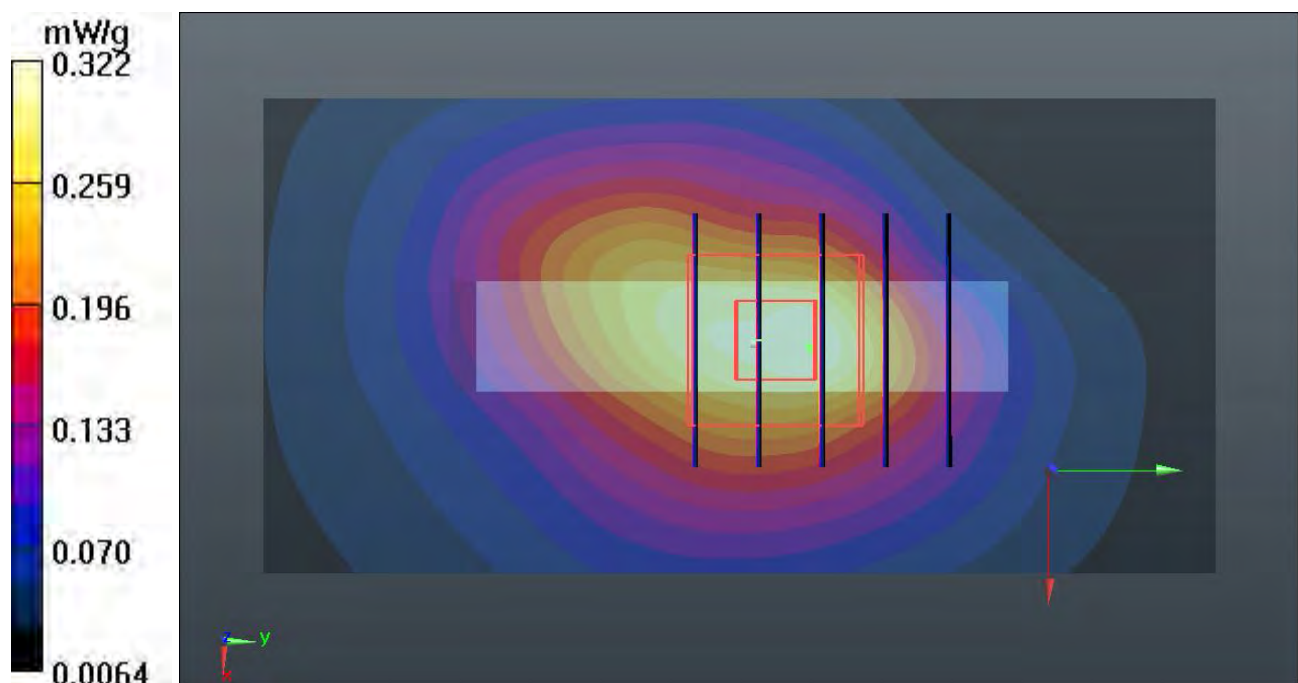
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.449 V/m; Power Drift = -0.0051 dB

Peak SAR (extrapolated) = 0.4590

SAR(1 g) = 0.287 mW/g; SAR(10 g) = 0.176 mW/g

Maximum value of SAR (measured) = 0.309 mW/g



157 LTE Band IV 16-QAM_RB 1 49_Front_1.0cm_Ch20175_Earphone**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.640 mW/g

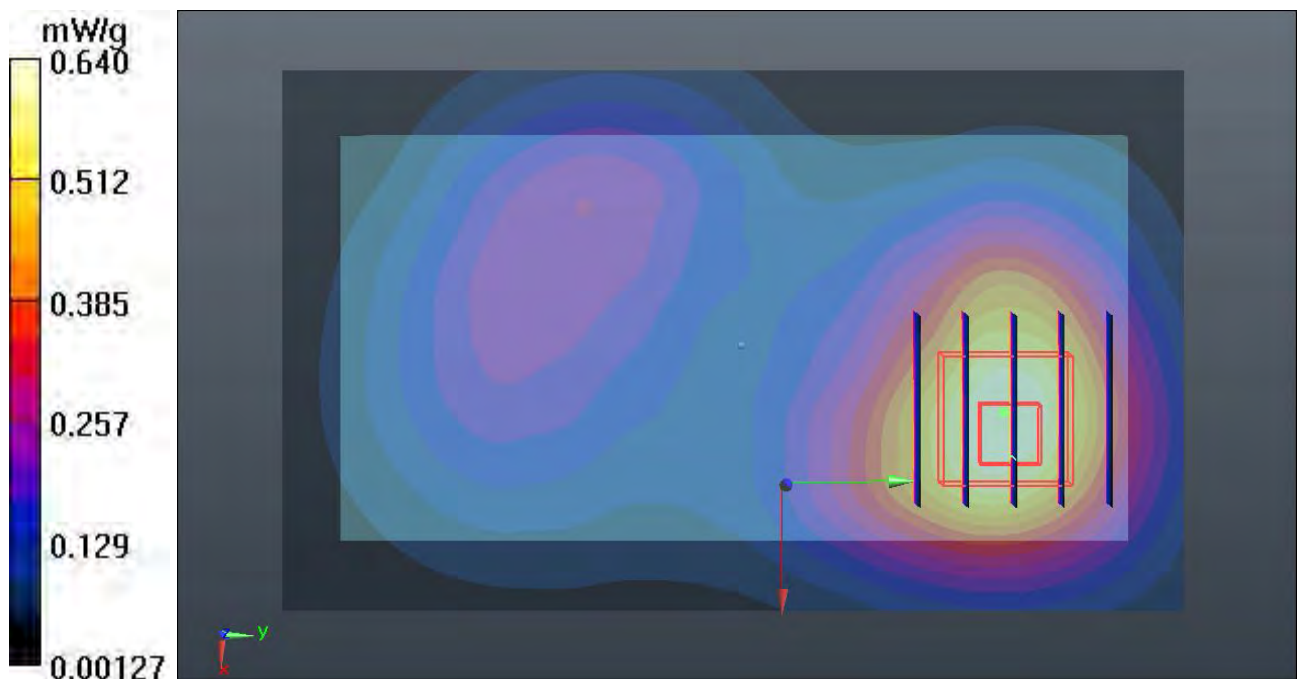
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.861 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.9010

SAR(1 g) = 0.590 mW/g; SAR(10 g) = 0.376 mW/g

Maximum value of SAR (measured) = 0.629 mW/g



158 LTE Band IV 16-QAM_RB 1 49_Back_1.0cm_Ch20175_Earphone**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.970 mW/g

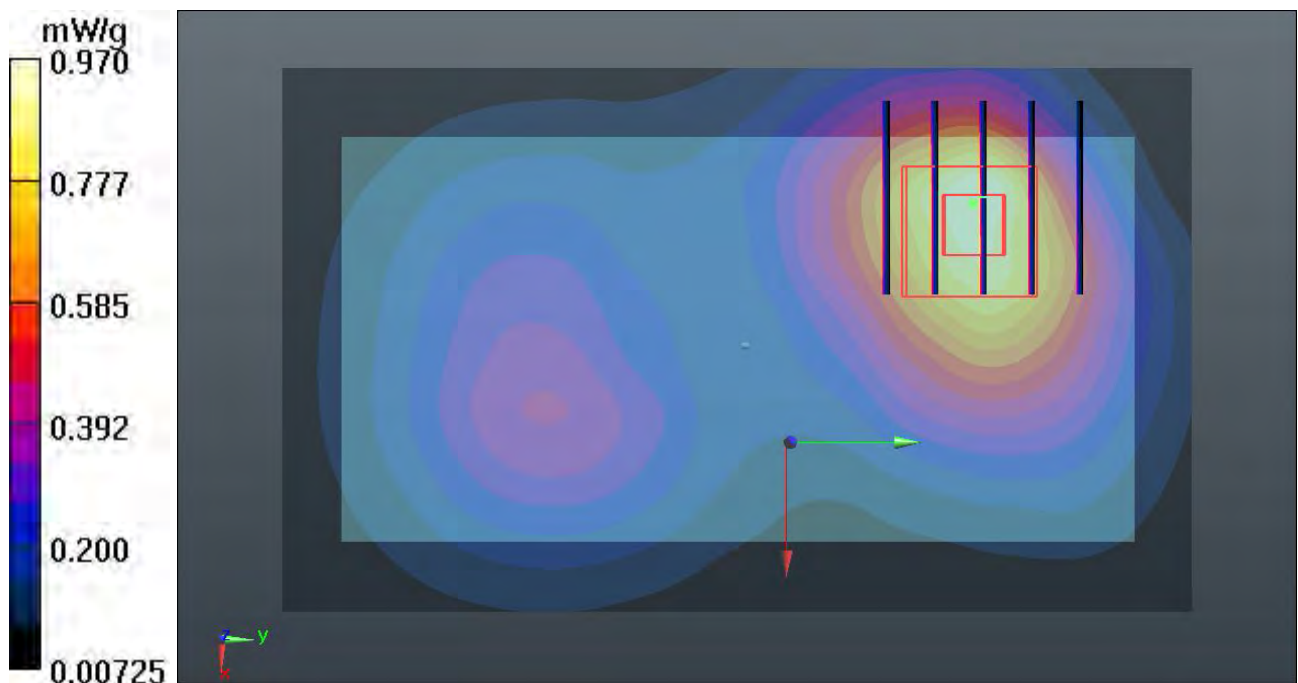
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.346 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.3710

SAR(1 g) = 0.867 mW/g; SAR(10 g) = 0.544 mW/g

Maximum value of SAR (measured) = 0.916 mW/g



158 LTE Band IV 16-QAM_RB 1 49_Back_1.0cm_Ch20175_Earphone_2D**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120422 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$ 54.273; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch20175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.970 mW/g

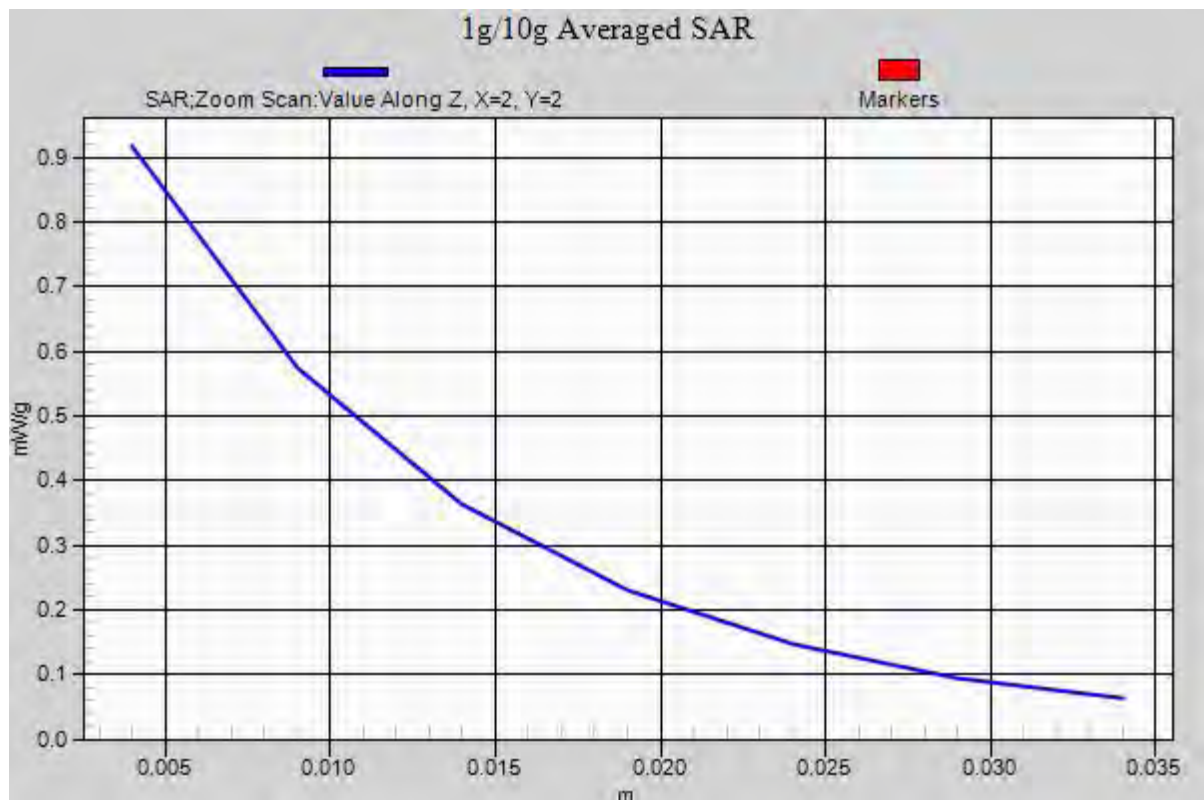
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.346 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.3710

SAR(1 g) = 0.867 mW/g; SAR(10 g) = 0.544 mW/g

Maximum value of SAR (measured) = 0.916 mW/g



61 LTE Band II QPSK_RB 25 13_Front_1.0cm_Ch18900**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.458 mW/g

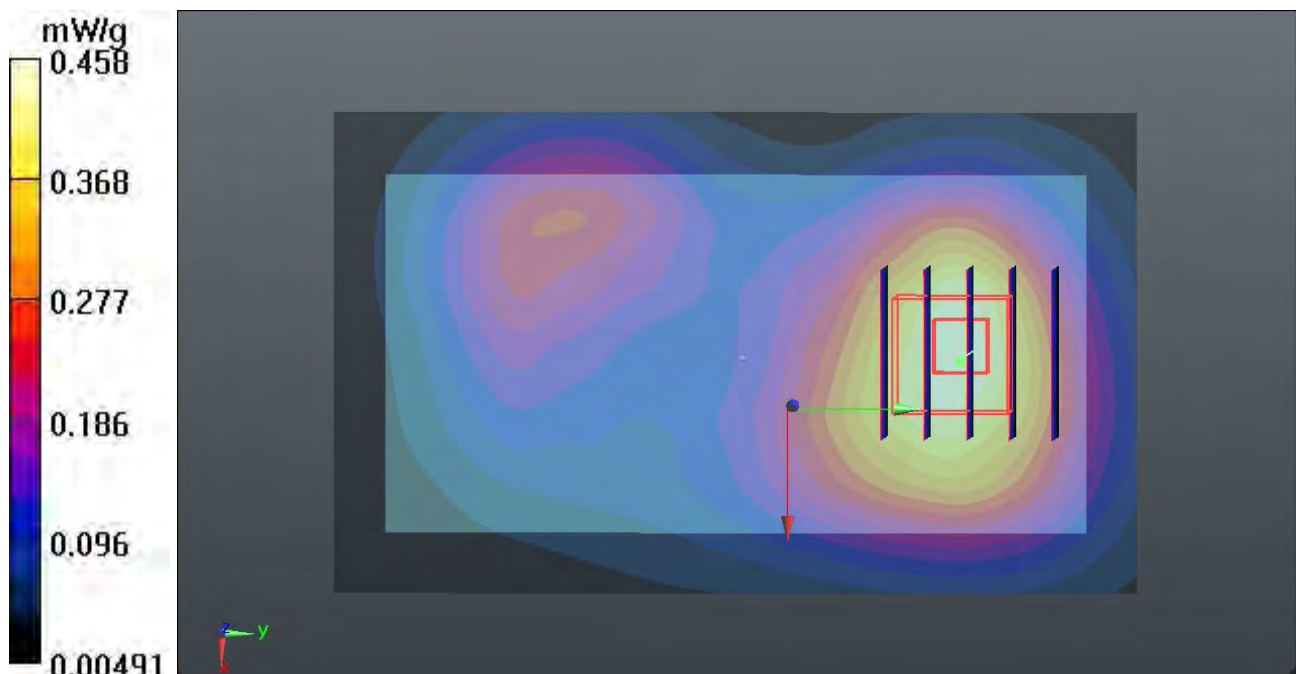
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.138 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.6260

SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.263 mW/g

Maximum value of SAR (measured) = 0.439 mW/g



62 LTE Band II QPSK_RB 25 13_Back_1.0cm_Ch18900**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.621 mW/g

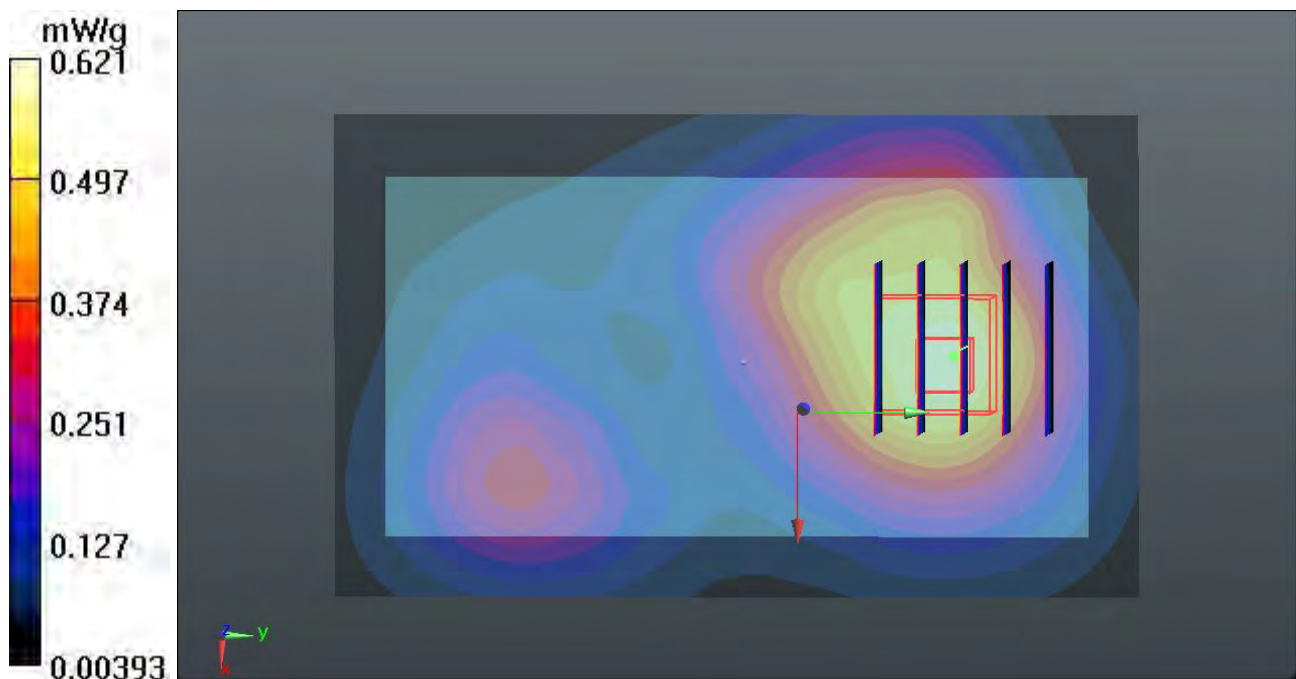
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.554 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.8850

SAR(1 g) = 0.579 mW/g; SAR(10 g) = 0.365 mW/g

Maximum value of SAR (measured) = 0.615 mW/g



62 LTE Band II QPSK_RB 25 13_Back_1.0cm_Ch18900_2D**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.621 mW/g

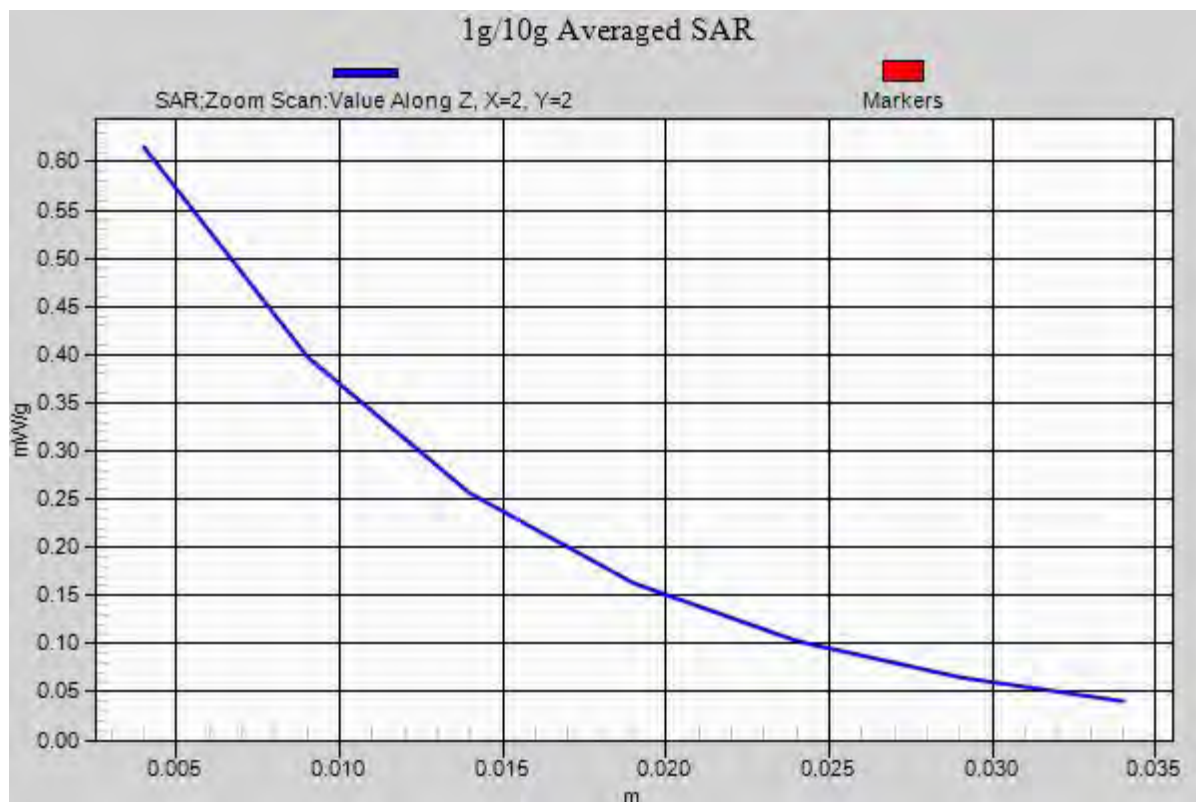
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.554 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.8850

SAR(1 g) = 0.579 mW/g; SAR(10 g) = 0.365 mW/g

Maximum value of SAR (measured) = 0.615 mW/g



64 LTE Band II QPSK_RB 25 13_Right Side_1.0cm_Ch18900**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.633 mW/g

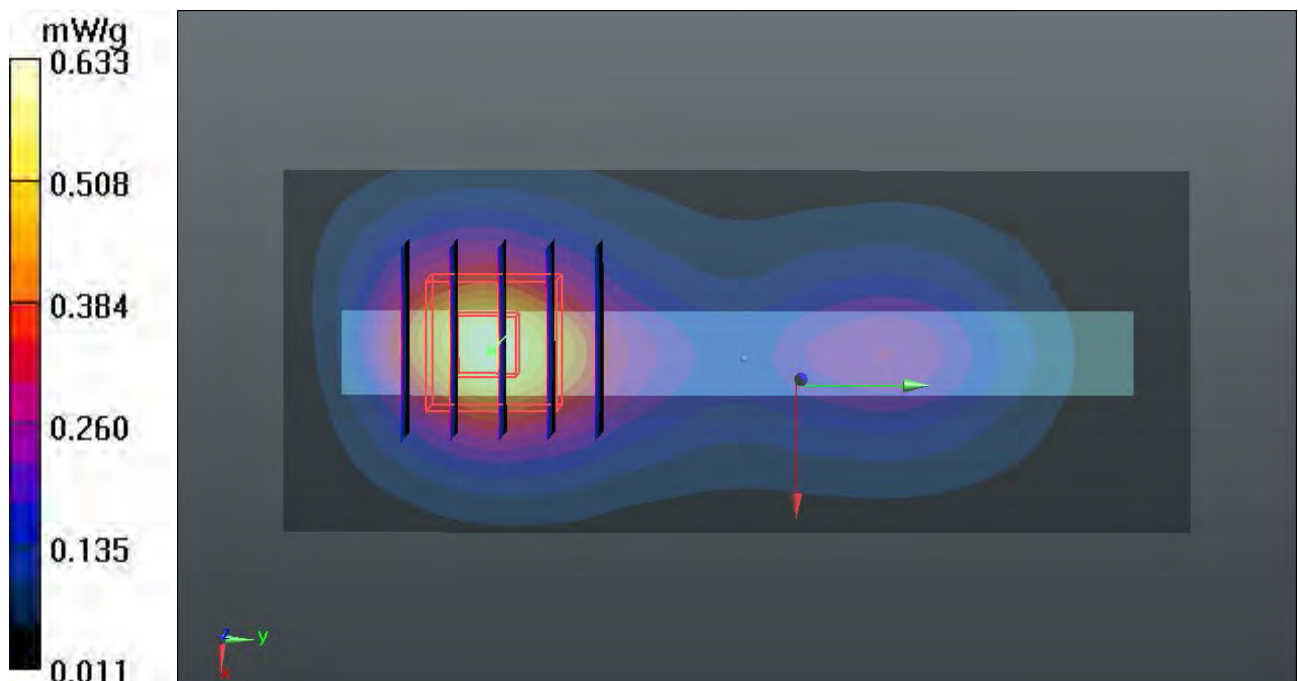
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.311 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.9480

SAR(1 g) = 0.550 mW/g; SAR(10 g) = 0.304 mW/g

Maximum value of SAR (measured) = 0.603 mW/g



65 LTE Band II QPSK_RB 25 13_Top Side_1.0cm_Ch18900**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.378 mW/g

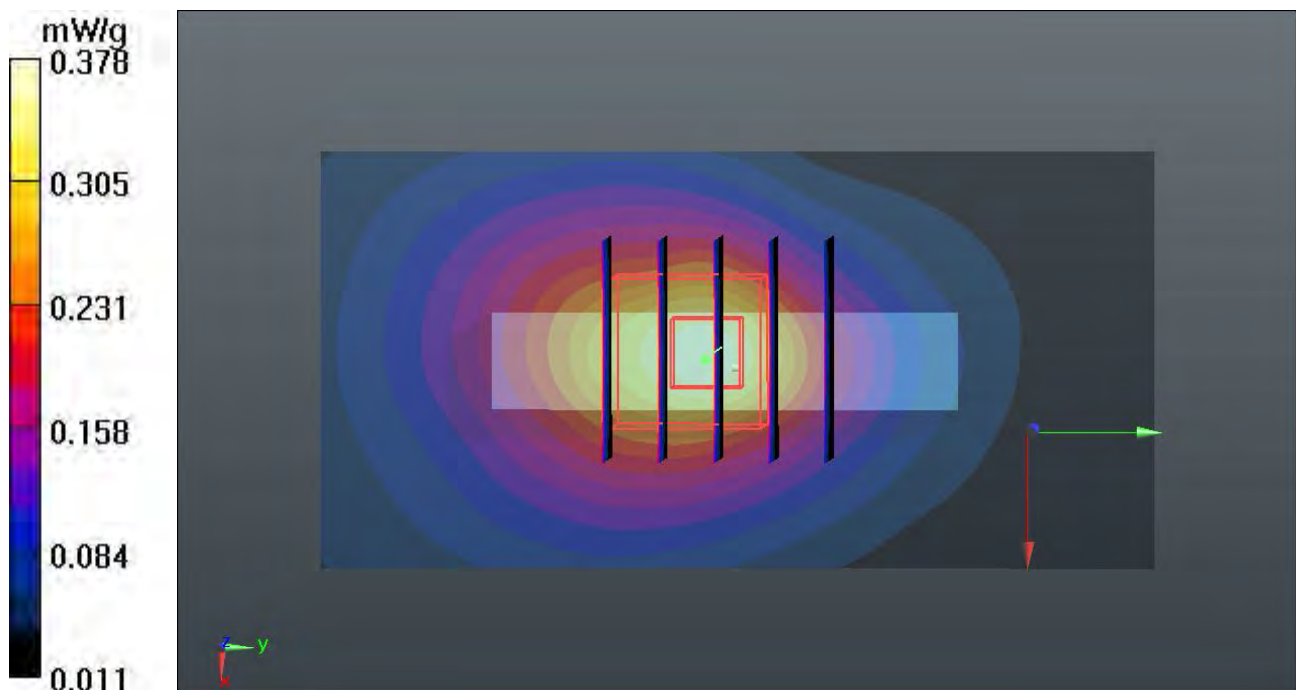
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.507 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.5610

SAR(1 g) = 0.329 mW/g; SAR(10 g) = 0.191 mW/g

Maximum value of SAR (measured) = 0.363 mW/g



67 LTE Band II QPSK_RB 25 13_Front_1.0cm_Ch18900_Earphone**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.463 mW/g

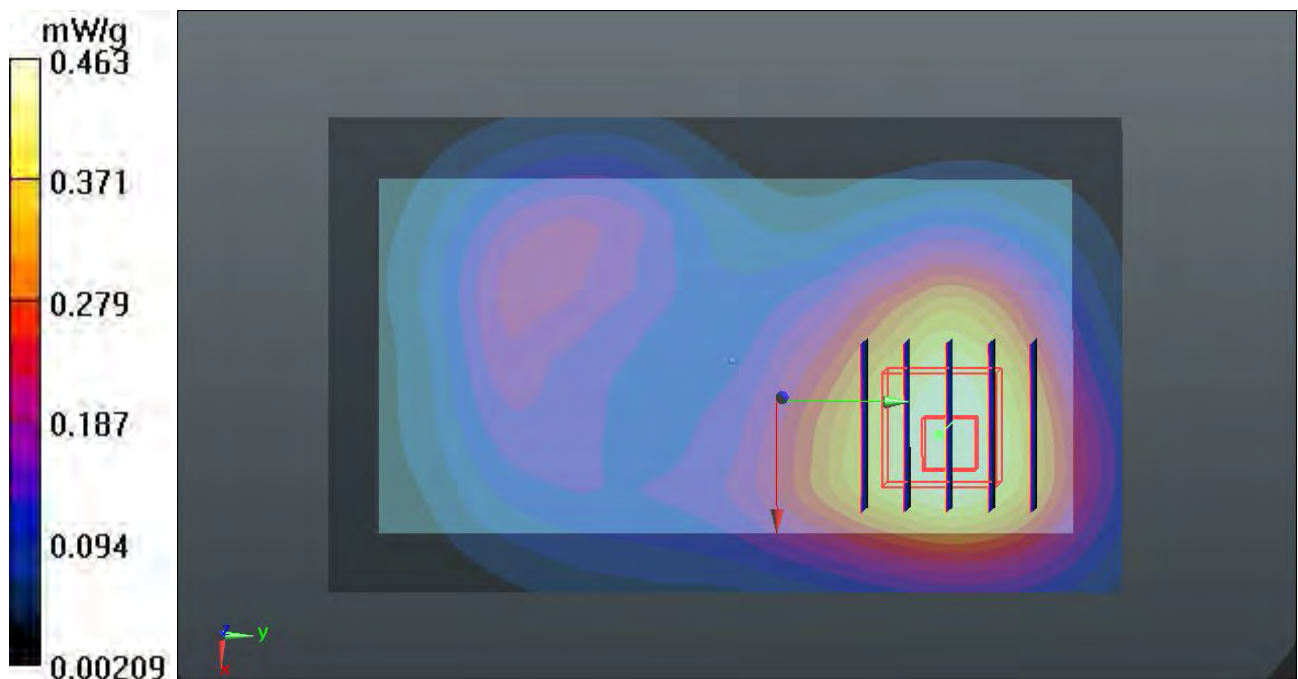
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.682 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.6500

SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.272 mW/g

Maximum value of SAR (measured) = 0.447 mW/g



68 LTE Band II QPSK_RB 25 13_Back_1.0cm_Ch18900_Earphone**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.634 mW/g

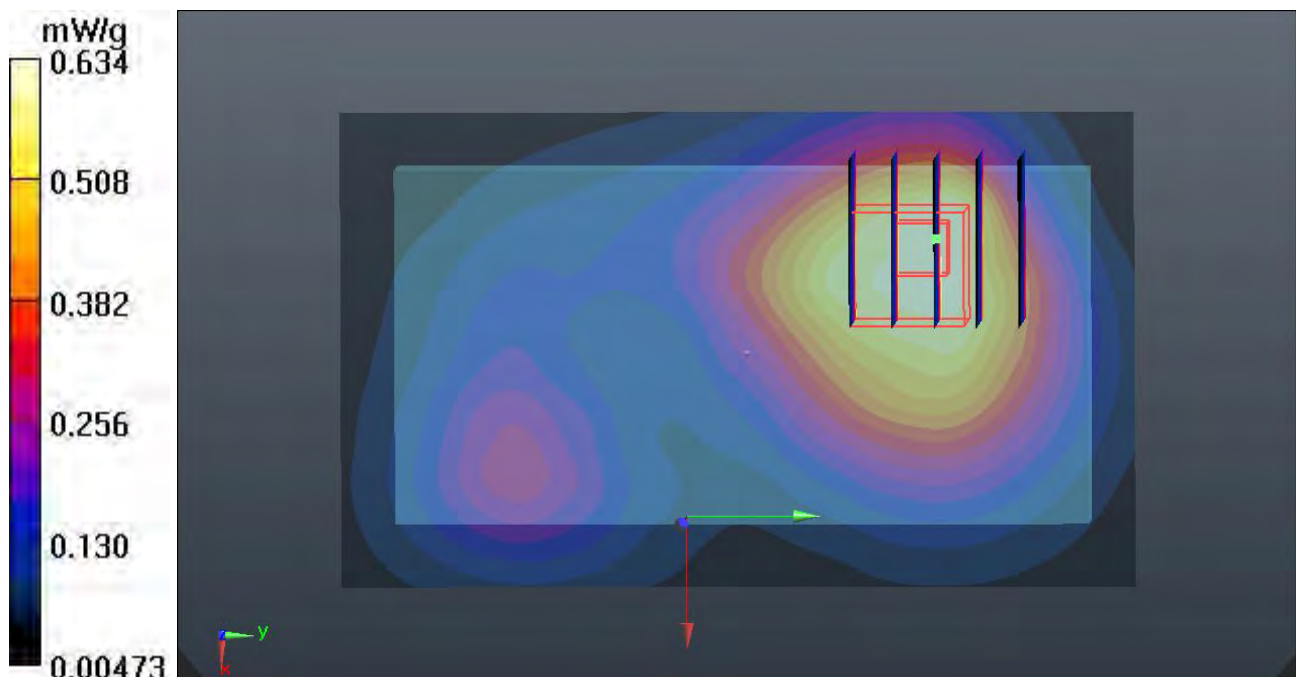
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.067 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.9520

SAR(1 g) = 0.578 mW/g; SAR(10 g) = 0.368 mW/g

Maximum value of SAR (measured) = 0.613 mW/g



69 LTE Band II QPSK_RB 1 0_Front_1.0cm_Ch18900**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.509 mW/g

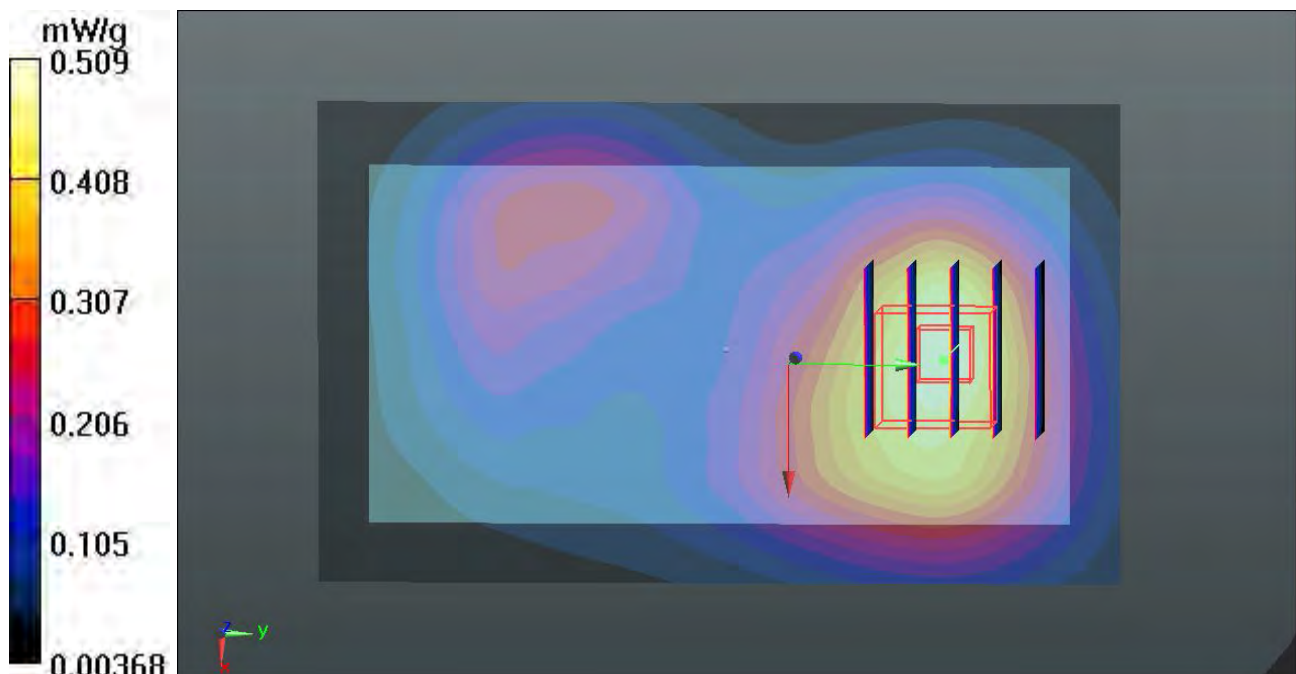
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.178 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.7110

SAR(1 g) = 0.464 mW/g; SAR(10 g) = 0.297 mW/g

Maximum value of SAR (measured) = 0.499 mW/g



70 LTE Band II QPSK_RB 1 0_Back_1.0cm_Ch18900**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.667 mW/g

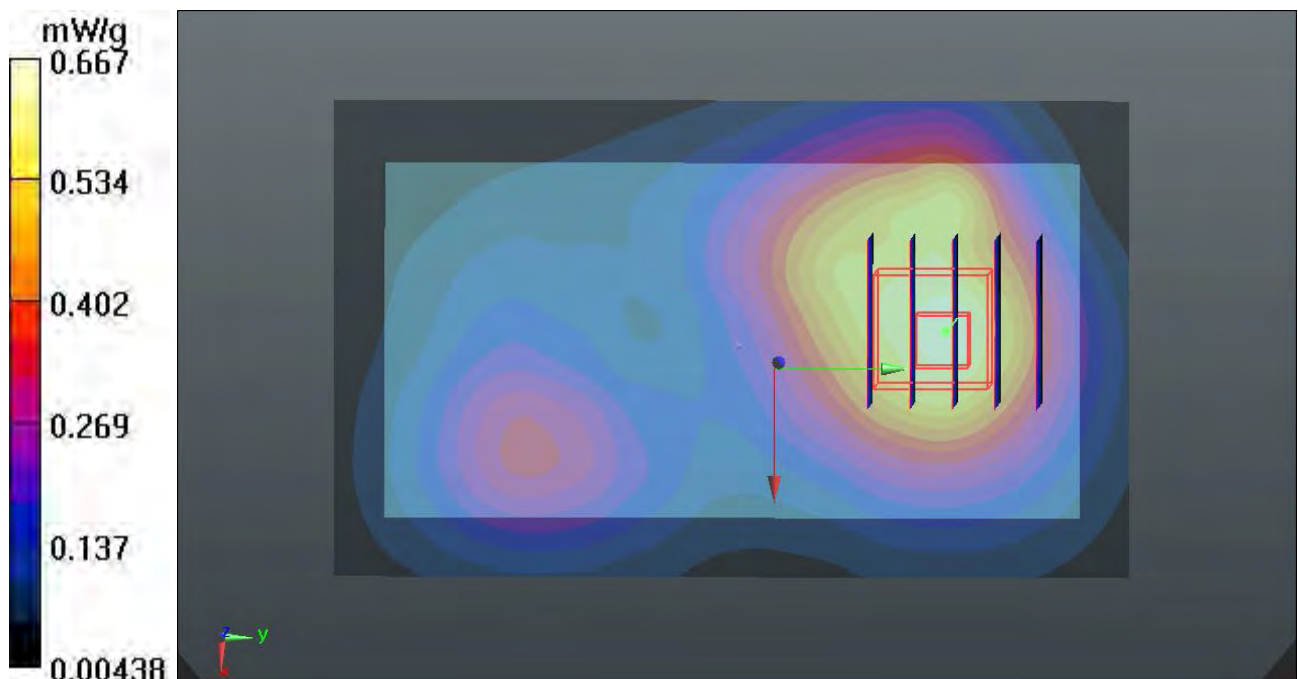
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.087 V/m; Power Drift = 0.0031 dB

Peak SAR (extrapolated) = 0.9180

SAR(1 g) = 0.600 mW/g; SAR(10 g) = 0.381 mW/g

Maximum value of SAR (measured) = 0.639 mW/g



72 LTE Band II QPSK_RB 1 0_Right Side_1.0cm_Ch18900**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.562 mW/g

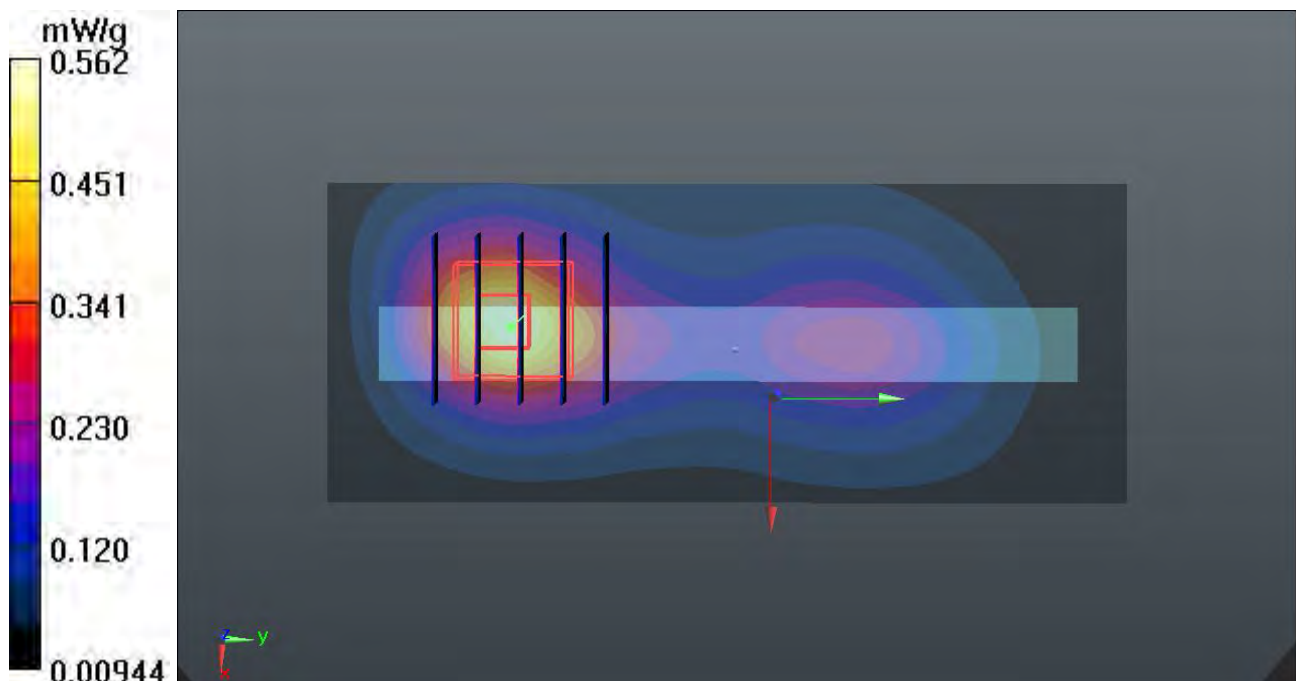
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.331 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.8110

SAR(1 g) = 0.474 mW/g; SAR(10 g) = 0.262 mW/g

Maximum value of SAR (measured) = 0.513 mW/g



73 LTE Band II QPSK_RB 1 0_Top Side_1.0cm_Ch18900**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.328 mW/g

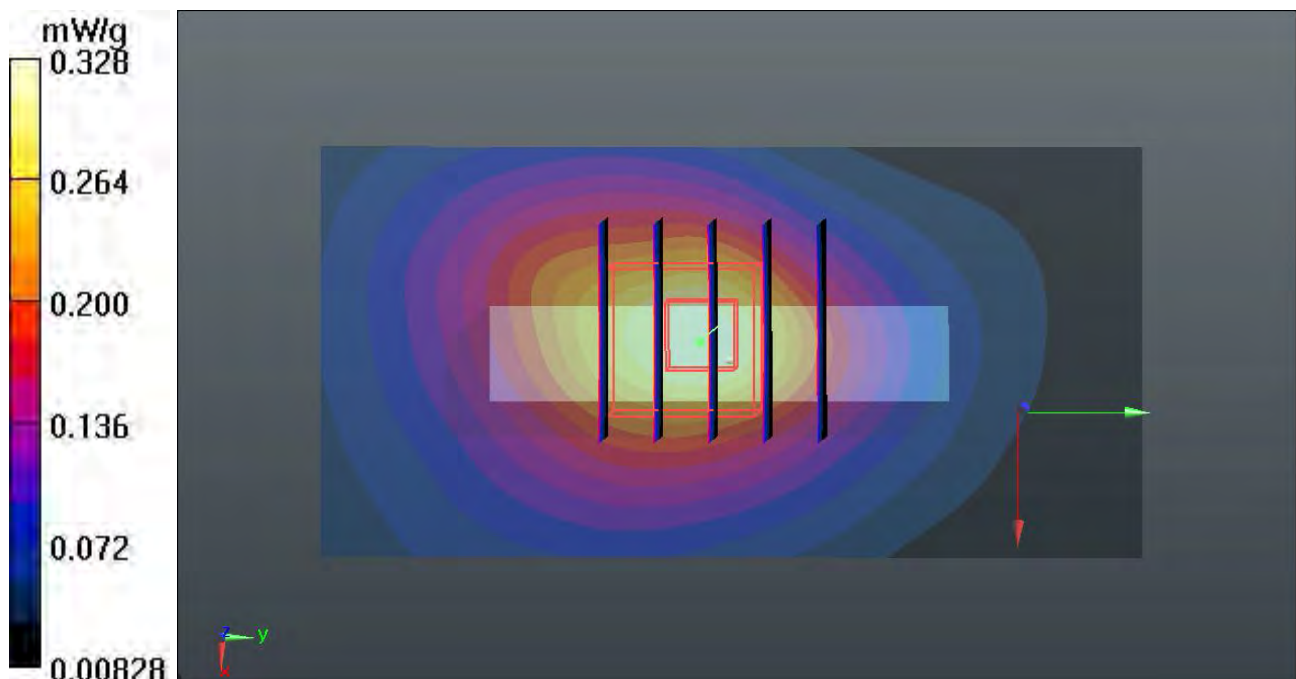
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.762 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.4910

SAR(1 g) = 0.296 mW/g; SAR(10 g) = 0.177 mW/g

Maximum value of SAR (measured) = 0.323 mW/g



75 LTE Band II QPSK_RB 1 0_Front_1.0cm_Ch18900_Earphone**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.525 mW/g

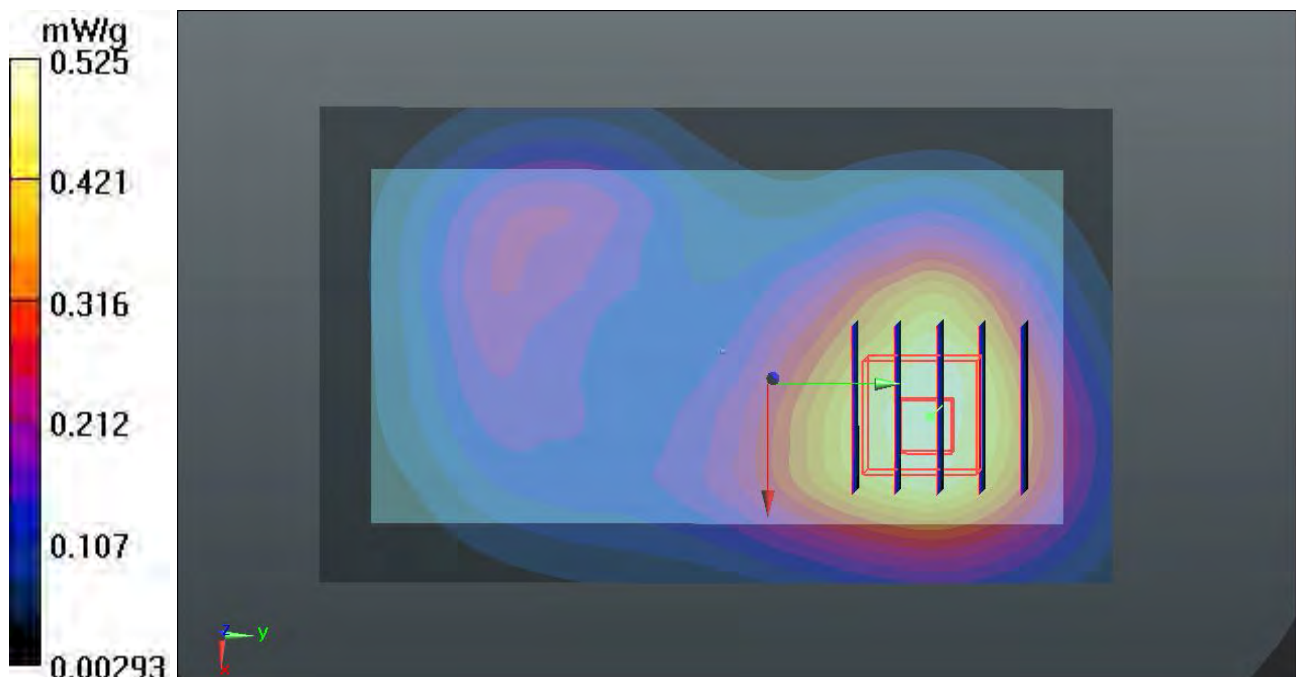
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.532 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.7410

SAR(1 g) = 0.479 mW/g; SAR(10 g) = 0.308 mW/g

Maximum value of SAR (measured) = 0.506 mW/g



76 LTE Band II QPSK_RB 1 0_Back_1.0cm_Ch18900_Earphone**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.727 mW/g

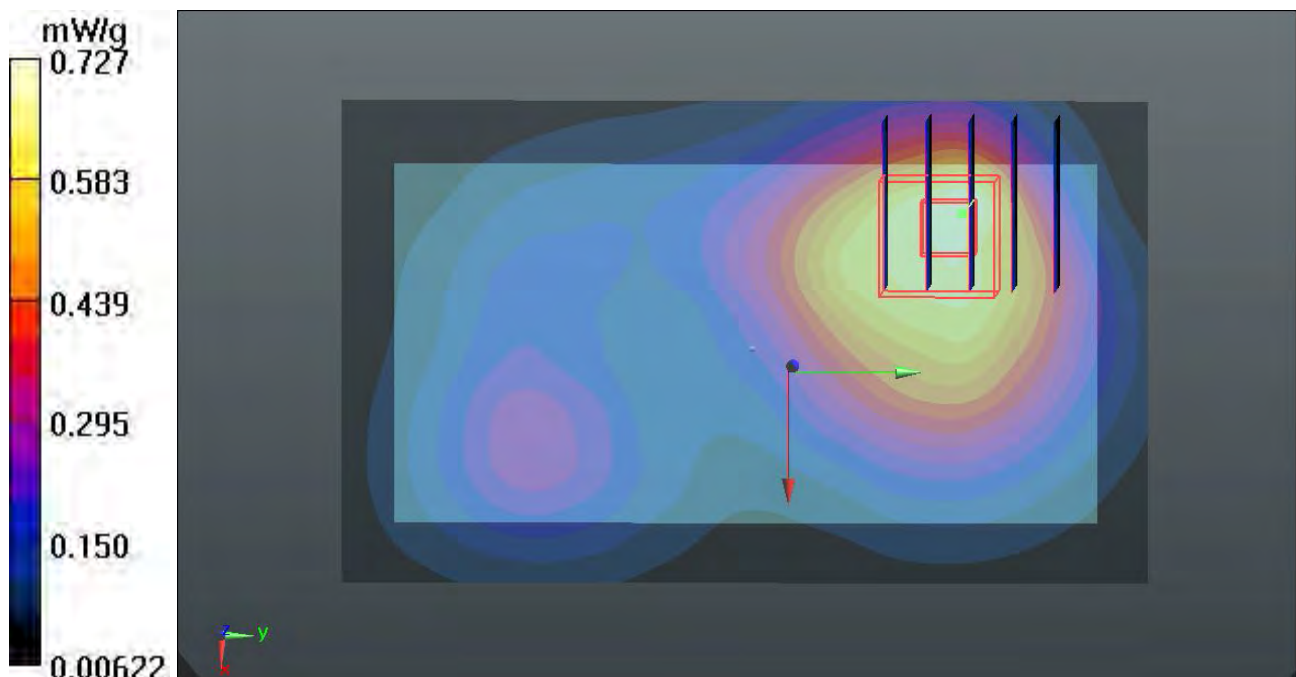
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.406 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.0680

SAR(1 g) = 0.638 mW/g; SAR(10 g) = 0.401 mW/g

Maximum value of SAR (measured) = 0.675 mW/g



76 LTE Band II QPSK_RB 1 0_Back_1.0cm_Ch18900_Earphone_2D**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.727 mW/g

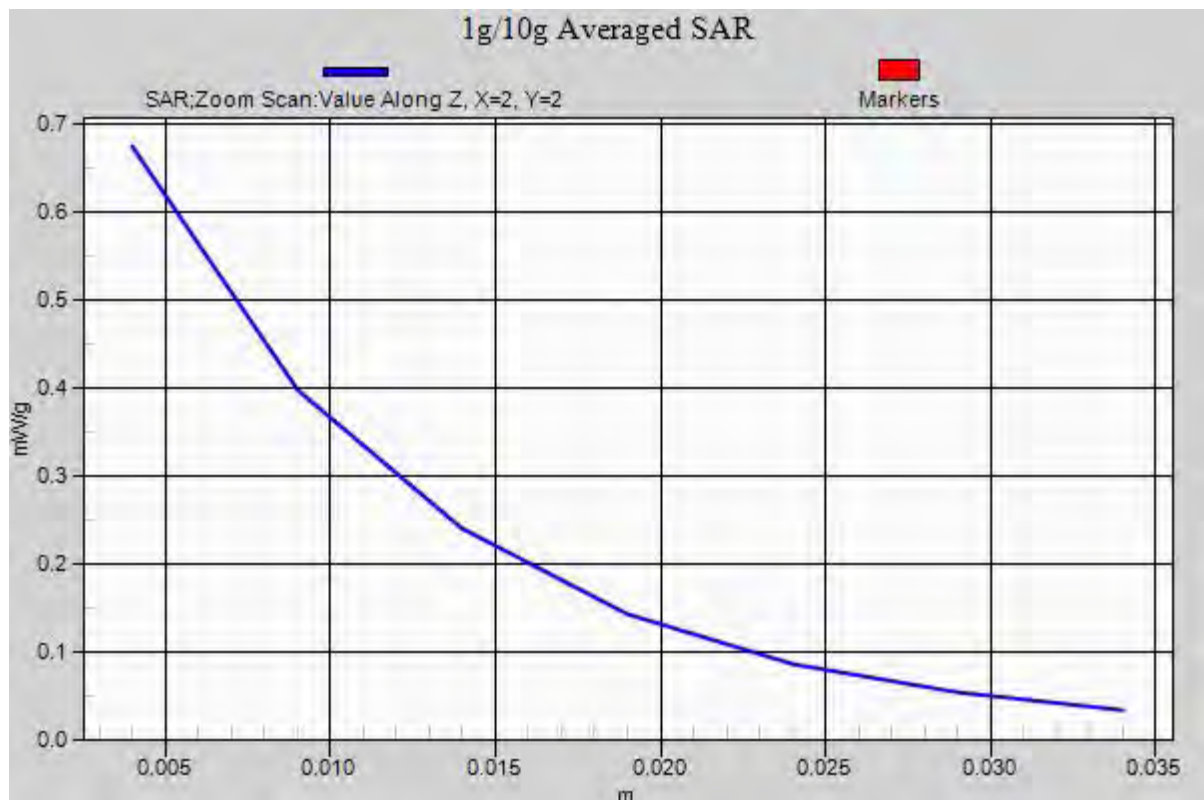
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.406 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.0680

SAR(1 g) = 0.638 mW/g; SAR(10 g) = 0.401 mW/g

Maximum value of SAR (measured) = 0.675 mW/g



77 LTE Band II QPSK_RB 1 49_Front_1.0cm_Ch18900**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.509 mW/g

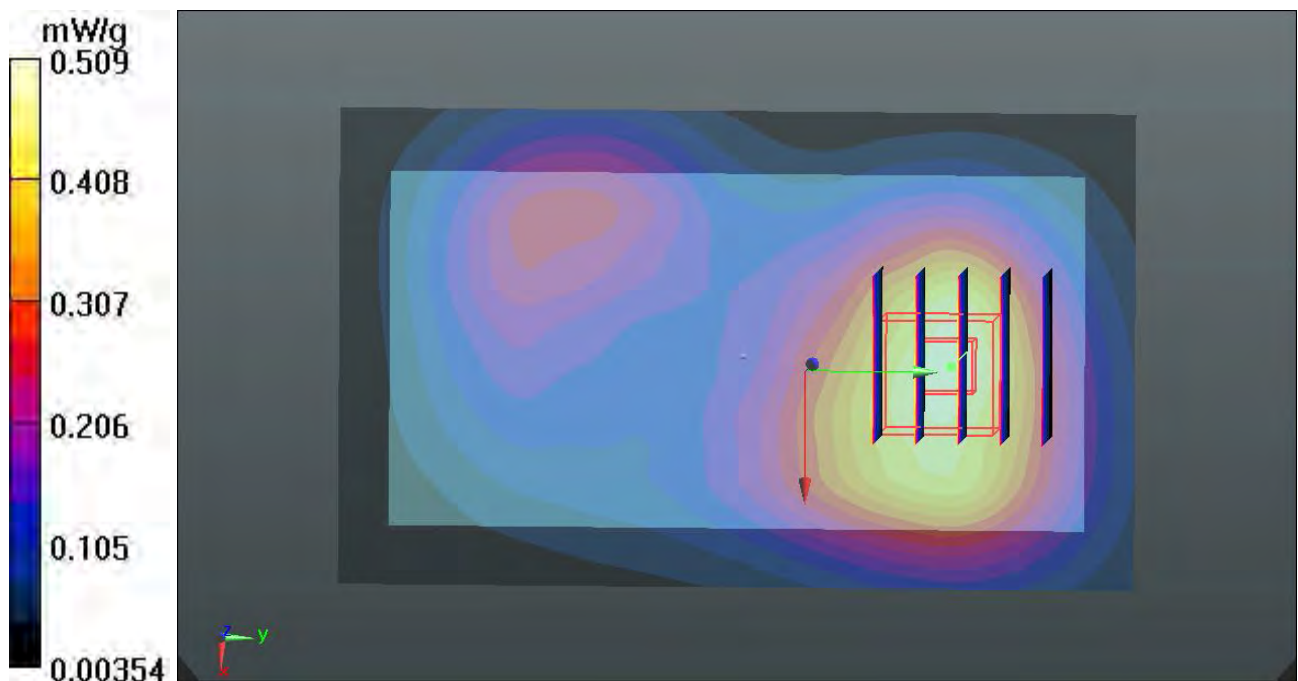
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.766 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.7190

SAR(1 g) = 0.468 mW/g; SAR(10 g) = 0.298 mW/g

Maximum value of SAR (measured) = 0.503 mW/g



78 LTE Band II QPSK_RB 1 49_Back_1.0cm_Ch18900**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.638 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.962 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.9050

SAR(1 g) = 0.588 mW/g; SAR(10 g) = 0.376 mW/g

Maximum value of SAR (measured) = 0.624 mW/g

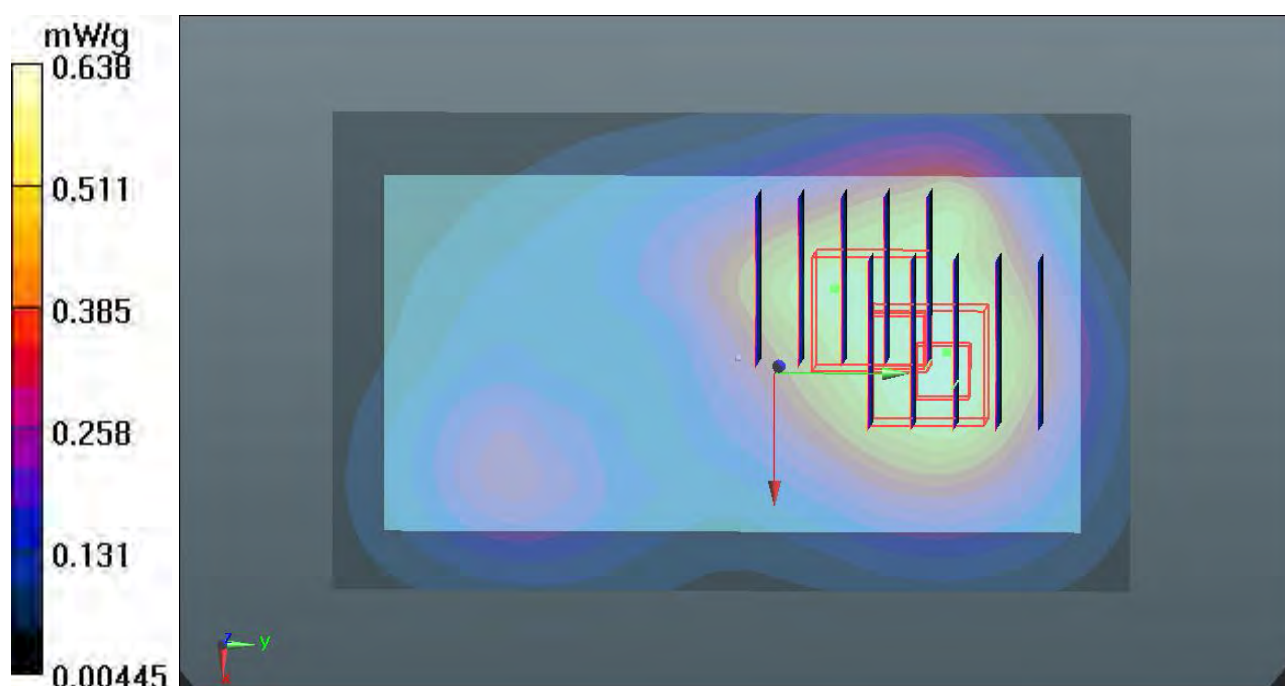
Ch18900/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.962 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.8490

SAR(1 g) = 0.557 mW/g; SAR(10 g) = 0.359 mW/g

Maximum value of SAR (measured) = 0.616 mW/g



80 LTE Band II QPSK_RB 1 49_Right Side_1.0cm_Ch18900**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.607 mW/g

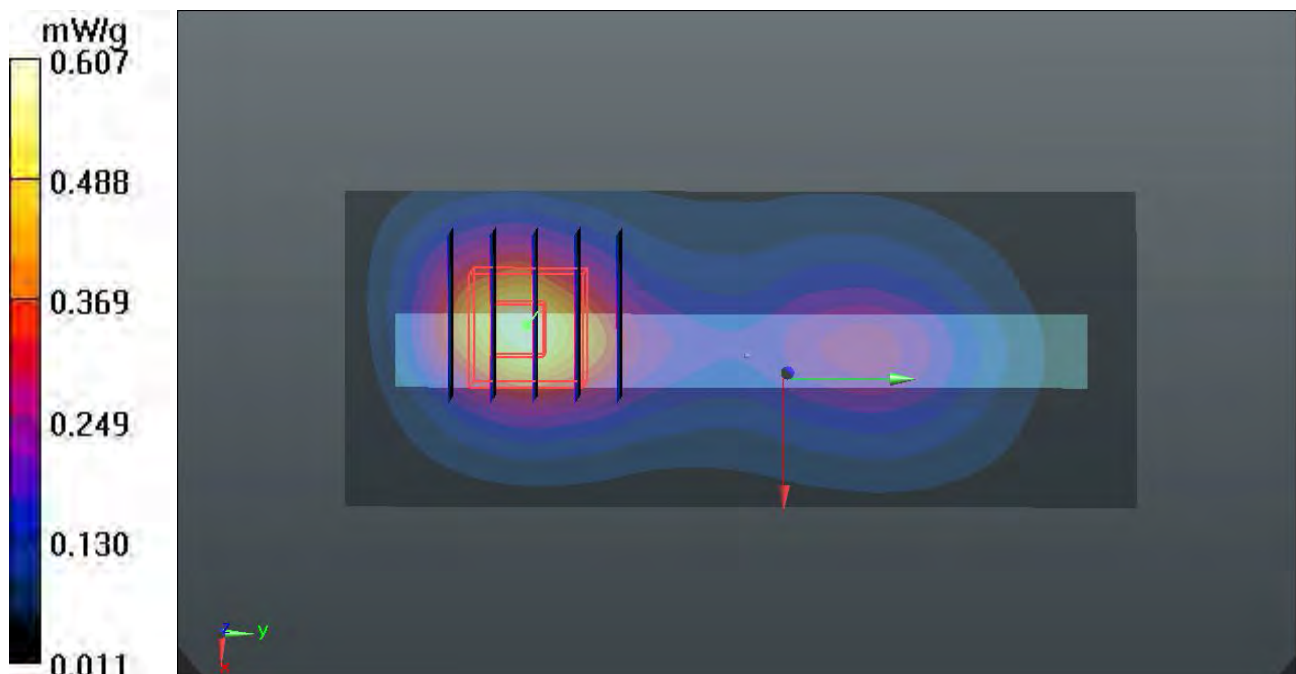
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.907 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.8860

SAR(1 g) = 0.511 mW/g; SAR(10 g) = 0.281 mW/g

Maximum value of SAR (measured) = 0.547 mW/g



81 LTE Band II QPSK_RB 1 49_Top Side_1.0cm_Ch18900**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.350 mW/g

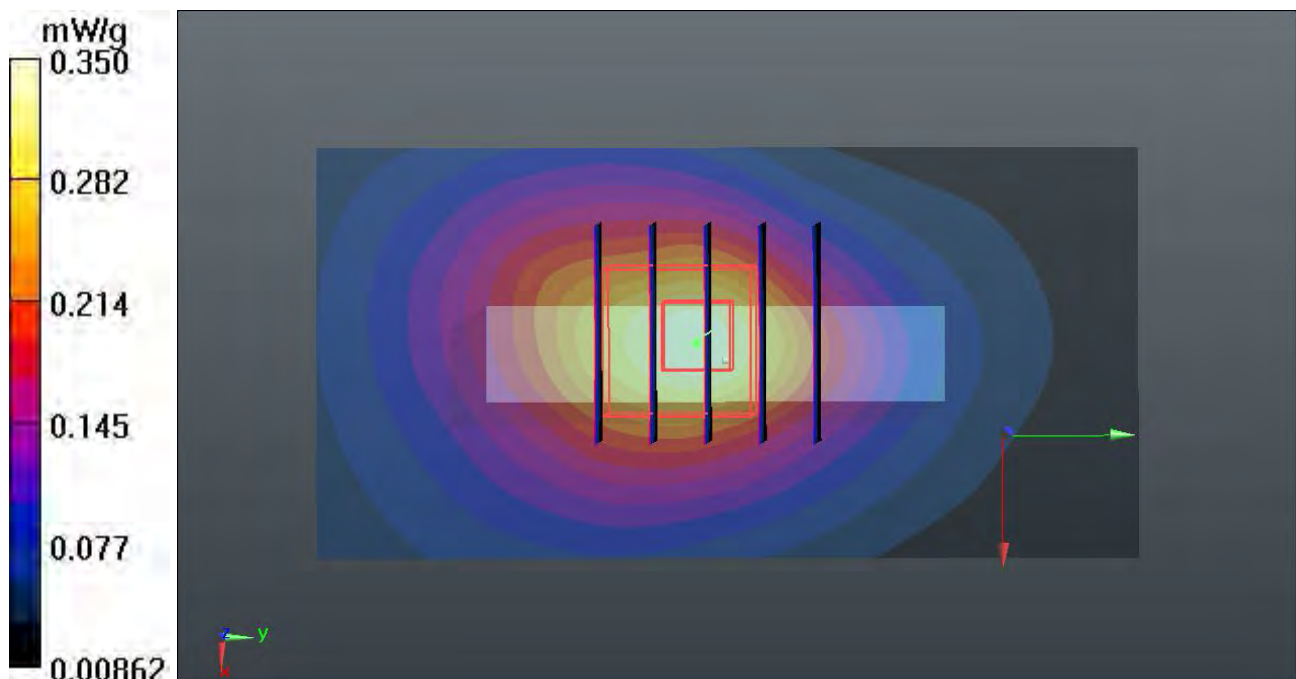
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.009 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.5140

SAR(1 g) = 0.305 mW/g; SAR(10 g) = 0.181 mW/g

Maximum value of SAR (measured) = 0.332 mW/g



83 LTE Band II QPSK_RB 1 49_Front_1.0cm_Ch18900_Earphone**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.517 mW/g

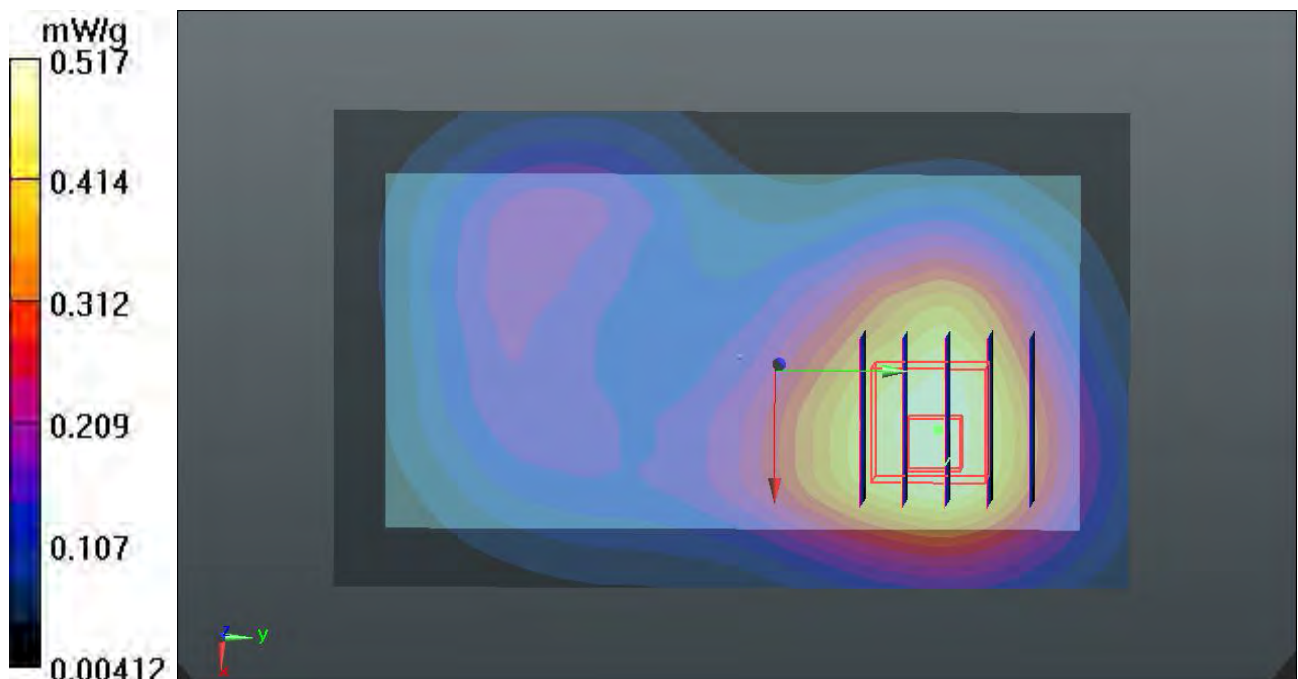
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.929 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.7360

SAR(1 g) = 0.468 mW/g; SAR(10 g) = 0.298 mW/g

Maximum value of SAR (measured) = 0.493 mW/g



84 LTE Band II QPSK_RB 1 49_Back_1.0cm_Ch18900_Earphone**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.654 mW/g

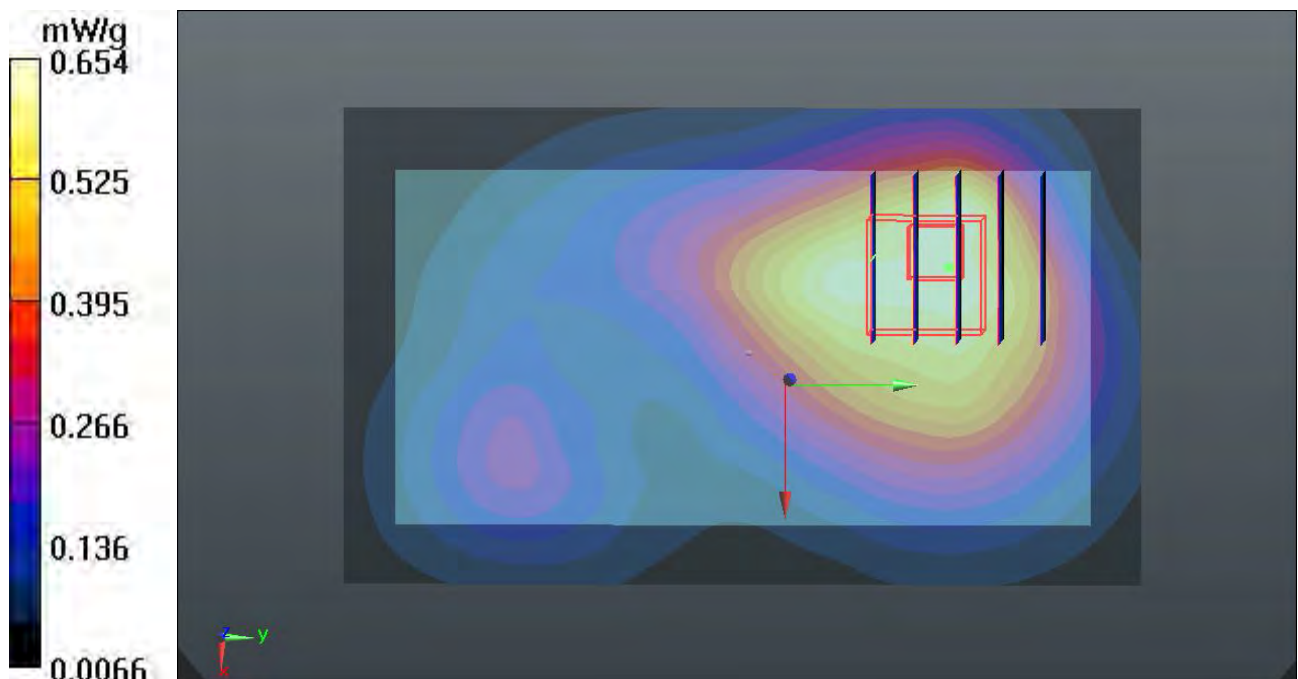
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.340 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.9880

SAR(1 g) = 0.589 mW/g; SAR(10 g) = 0.380 mW/g

Maximum value of SAR (measured) = 0.628 mW/g



84 LTE Band II QPSK_RB 1 49_Back_1.0cm_Ch18900_Earphone_2D**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.654 mW/g

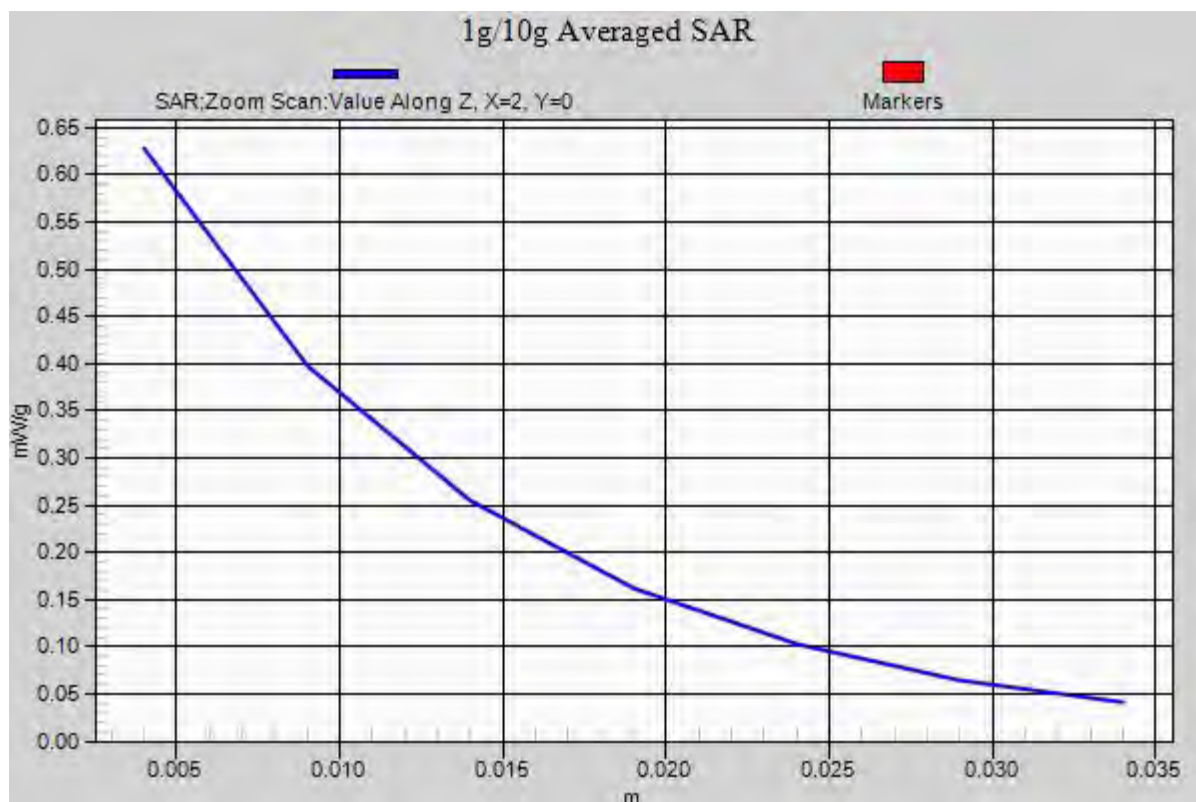
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.340 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.9880

SAR(1 g) = 0.589 mW/g; SAR(10 g) = 0.380 mW/g

Maximum value of SAR (measured) = 0.628 mW/g



85 LTE Band II 16-QAM_RB 25 13_Front_1.0cm_Ch18900**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.420 mW/g

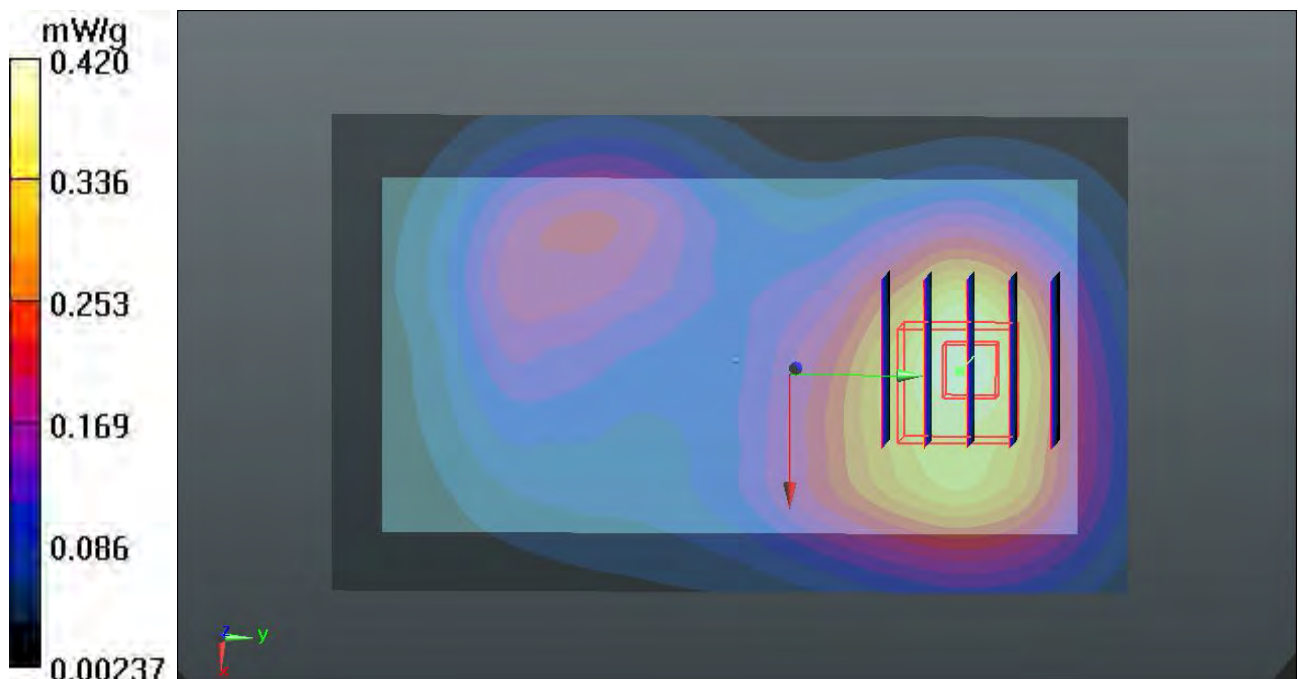
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.107 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.5610

SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.235 mW/g

Maximum value of SAR (measured) = 0.394 mW/g



86 LTE Band II 16-QAM_RB 25 13_Back_1.0cm_Ch18900**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.491 mW/g

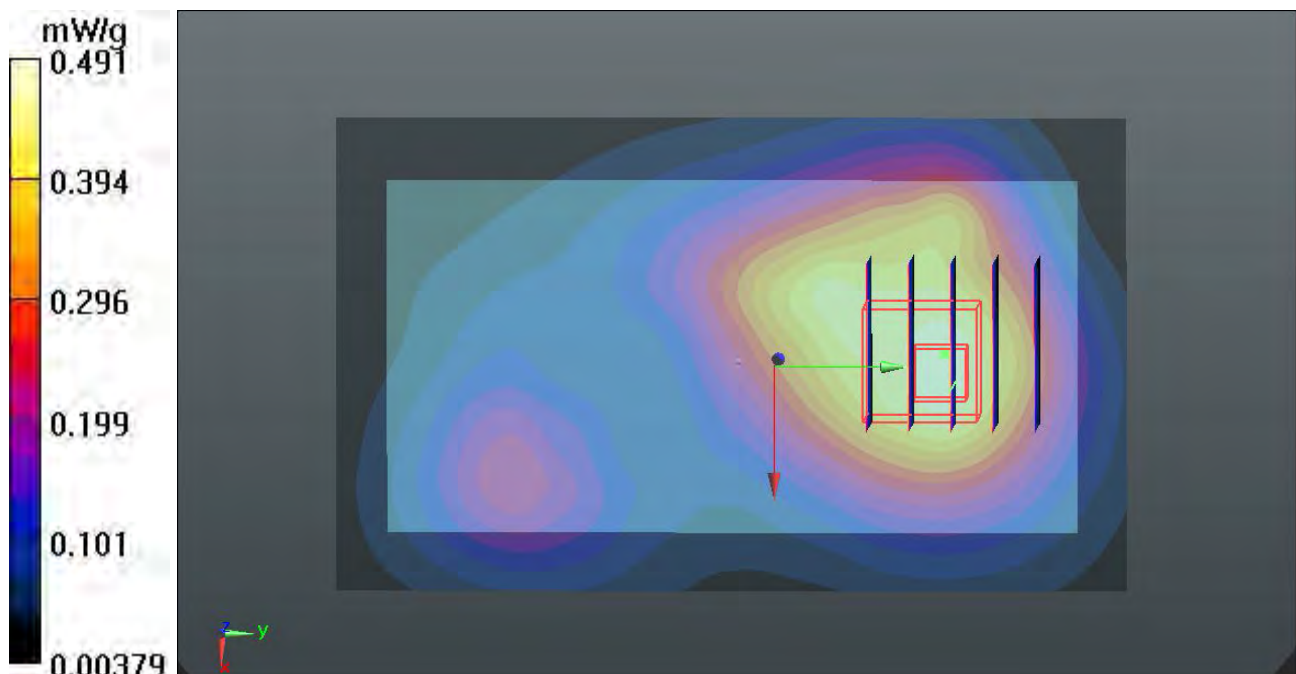
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.299 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.6630

SAR(1 g) = 0.431 mW/g; SAR(10 g) = 0.276 mW/g

Maximum value of SAR (measured) = 0.456 mW/g



88 LTE Band II 16-QAM_RB 25 13_Right Side_1.0cm_Ch18900**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.472 mW/g

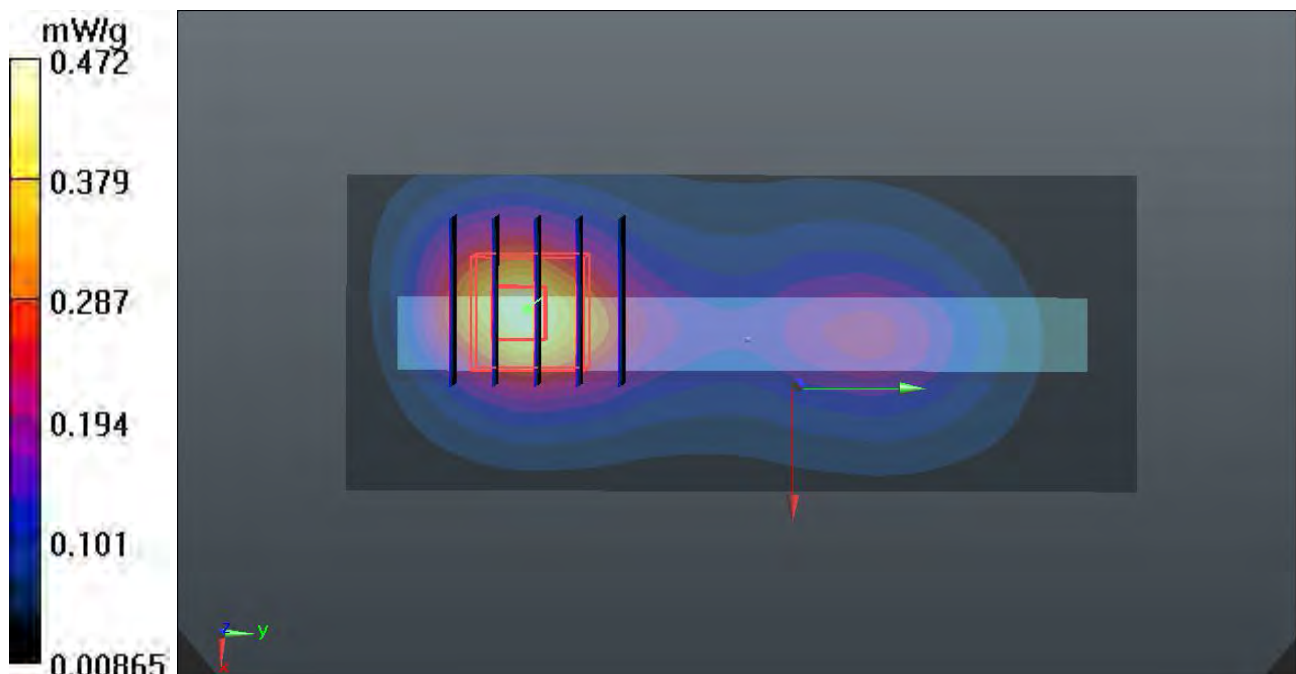
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.646 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.6840

SAR(1 g) = 0.397 mW/g; SAR(10 g) = 0.219 mW/g

Maximum value of SAR (measured) = 0.426 mW/g



89 LTE Band II 16-QAM_RB 25 13_Top Side_1.0cm_Ch18900**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.260 mW/g

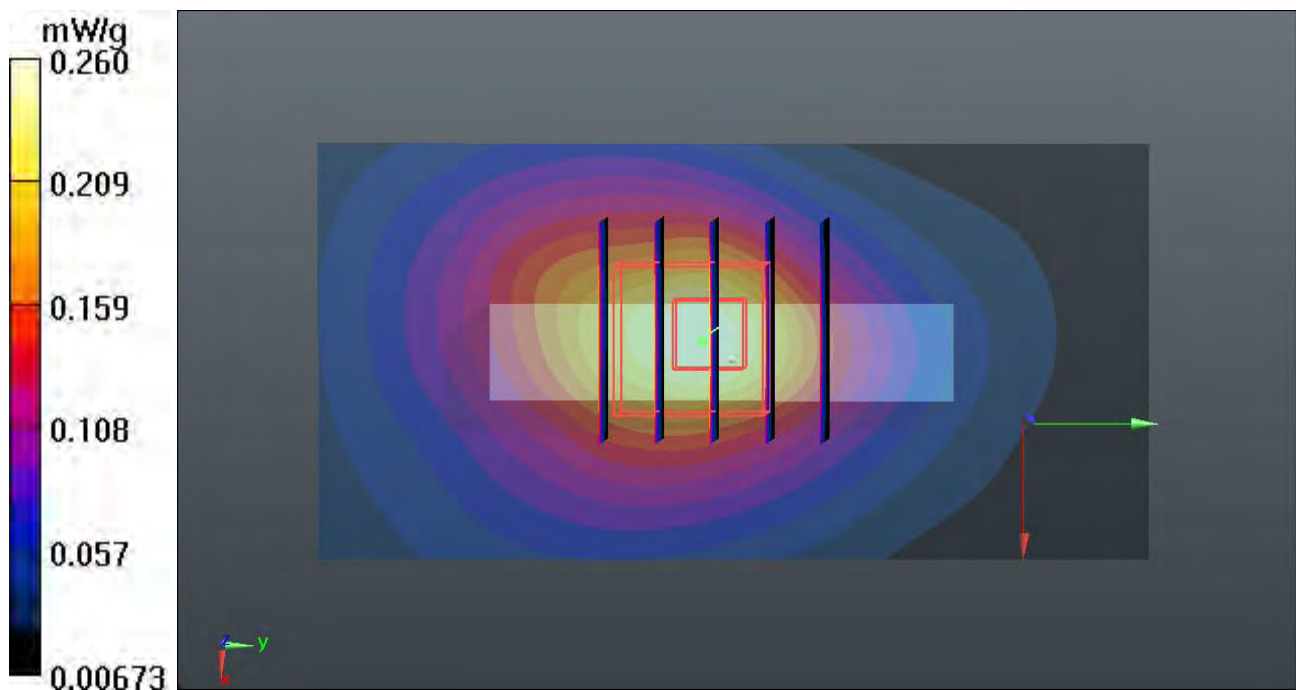
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.065 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.4120

SAR(1 g) = 0.240 mW/g; SAR(10 g) = 0.141 mW/g

Maximum value of SAR (measured) = 0.263 mW/g



91 LTE Band II 16-QAM_RB 25 13_Front_1.0cm_Ch18900_Earphone**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.415 mW/g

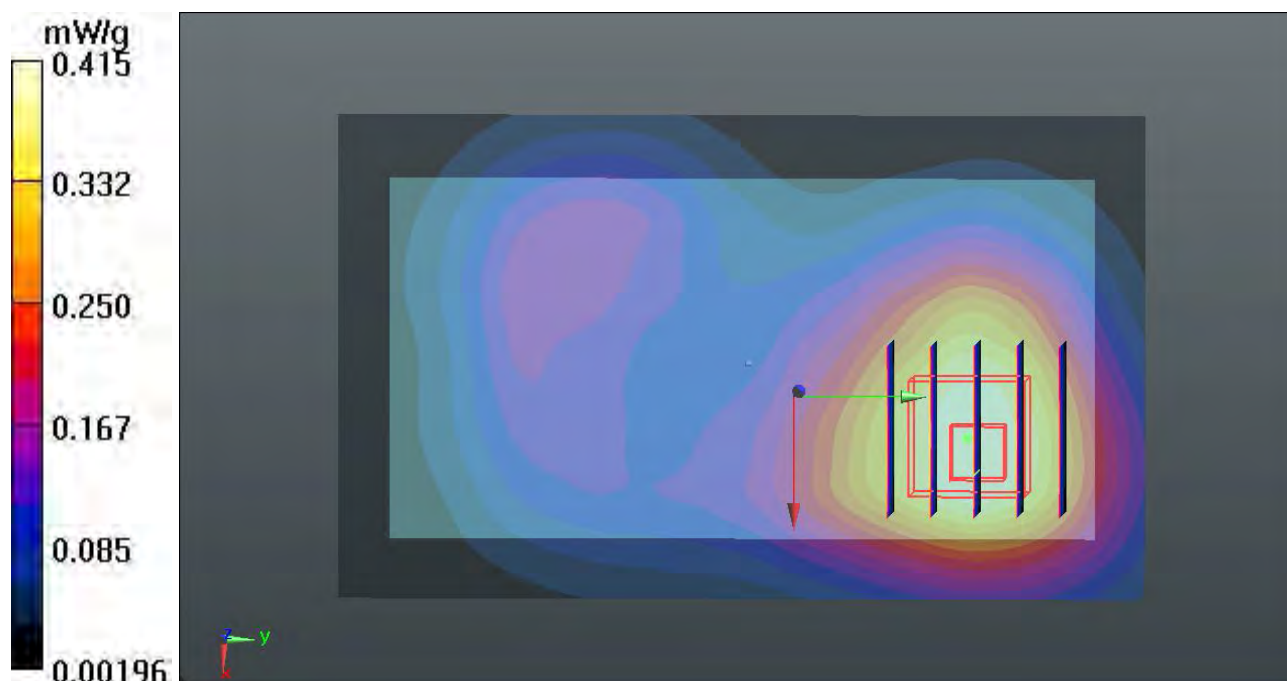
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.300 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.6110

SAR(1 g) = 0.389 mW/g; SAR(10 g) = 0.249 mW/g

Maximum value of SAR (measured) = 0.413 mW/g



92 LTE Band II 16-QAM_RB 25 13_Back_1.0cm_Ch18900_Earphone**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.505 mW/g

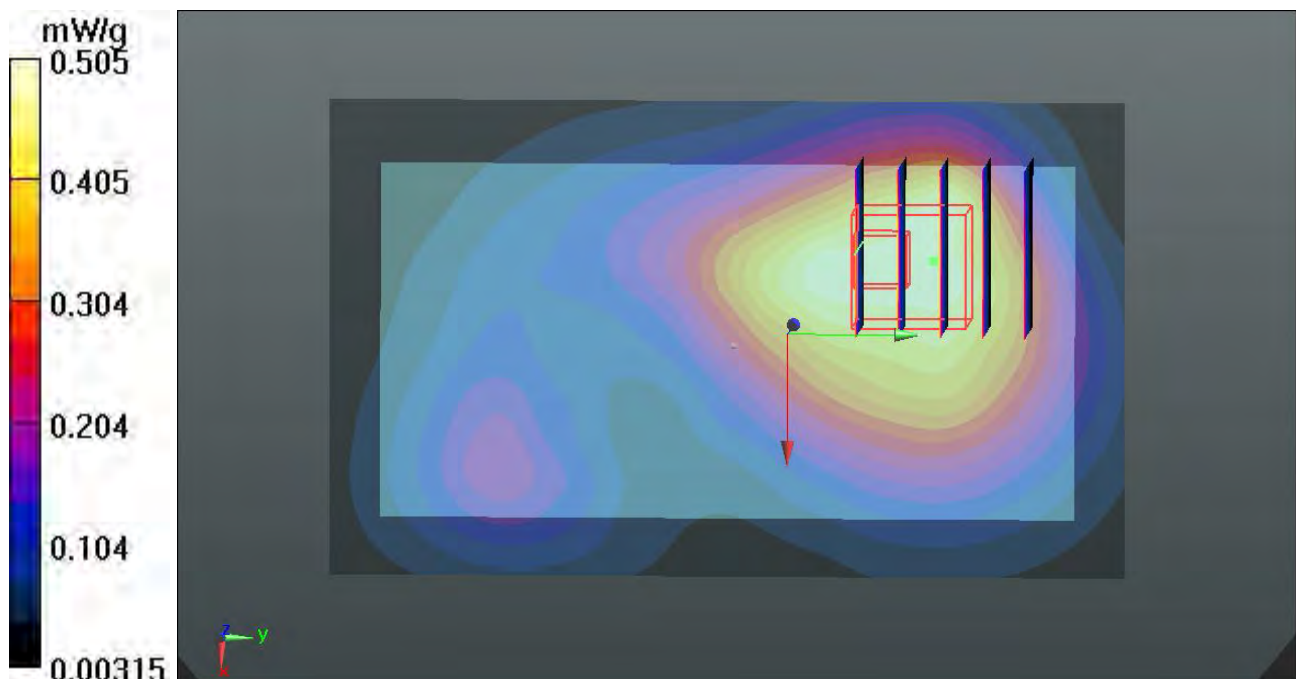
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.722 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.7530

SAR(1 g) = 0.459 mW/g; SAR(10 g) = 0.294 mW/g

Maximum value of SAR (measured) = 0.490 mW/g



92 LTE Band II 16-QAM_RB 25 13_Back_1.0cm_Ch18900_Earphone_2D**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.505 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.722 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.7530

SAR(1 g) = 0.459 mW/g; SAR(10 g) = 0.294 mW/g

Maximum value of SAR (measured) = 0.490 mW/g



93 LTE Band II 16-QAM_RB 1 0_Front_1.0cm_Ch18900**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.533 mW/g

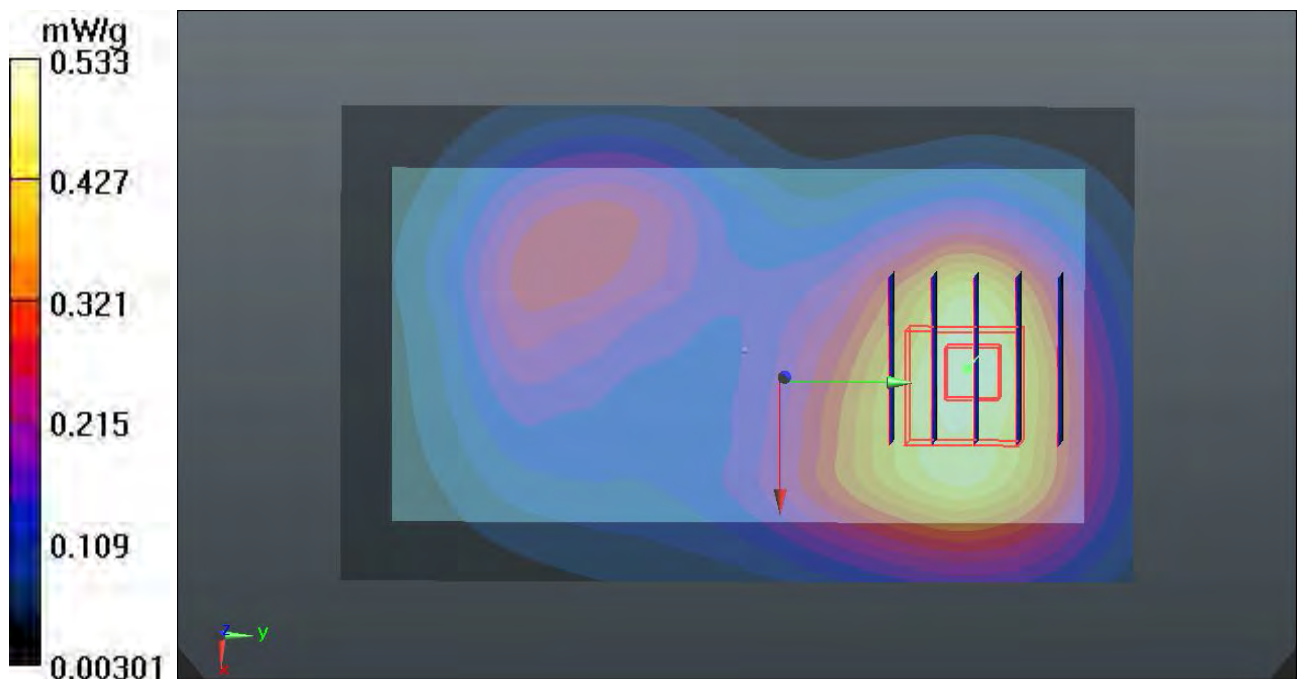
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.355 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.7520

SAR(1 g) = 0.492 mW/g; SAR(10 g) = 0.317 mW/g

Maximum value of SAR (measured) = 0.531 mW/g



94 LTE Band II 16-QAM_RB 1 0_Back_1.0cm_Ch18900**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.674 mW/g

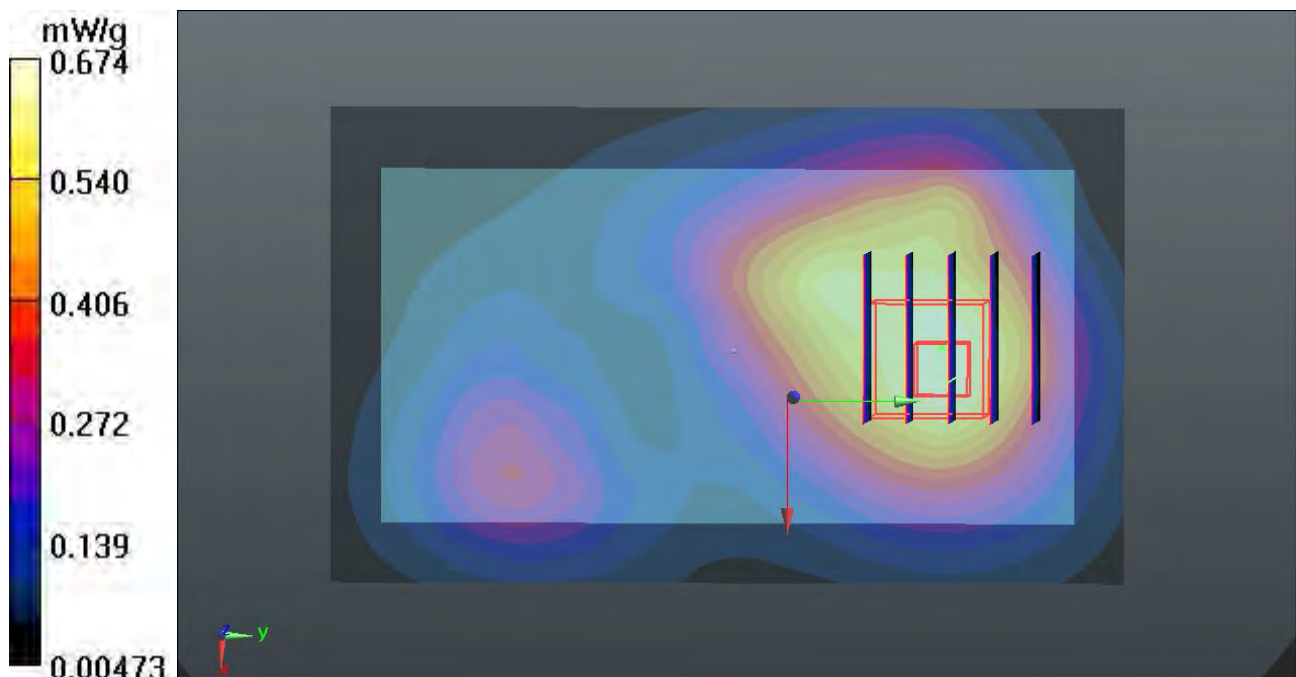
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.209 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.9660

SAR(1 g) = 0.627 mW/g; SAR(10 g) = 0.399 mW/g

Maximum value of SAR (measured) = 0.670 mW/g



94 LTE Band II 16-QAM_RB 1 0_Back_1.0cm_Ch18900_2D**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.674 mW/g

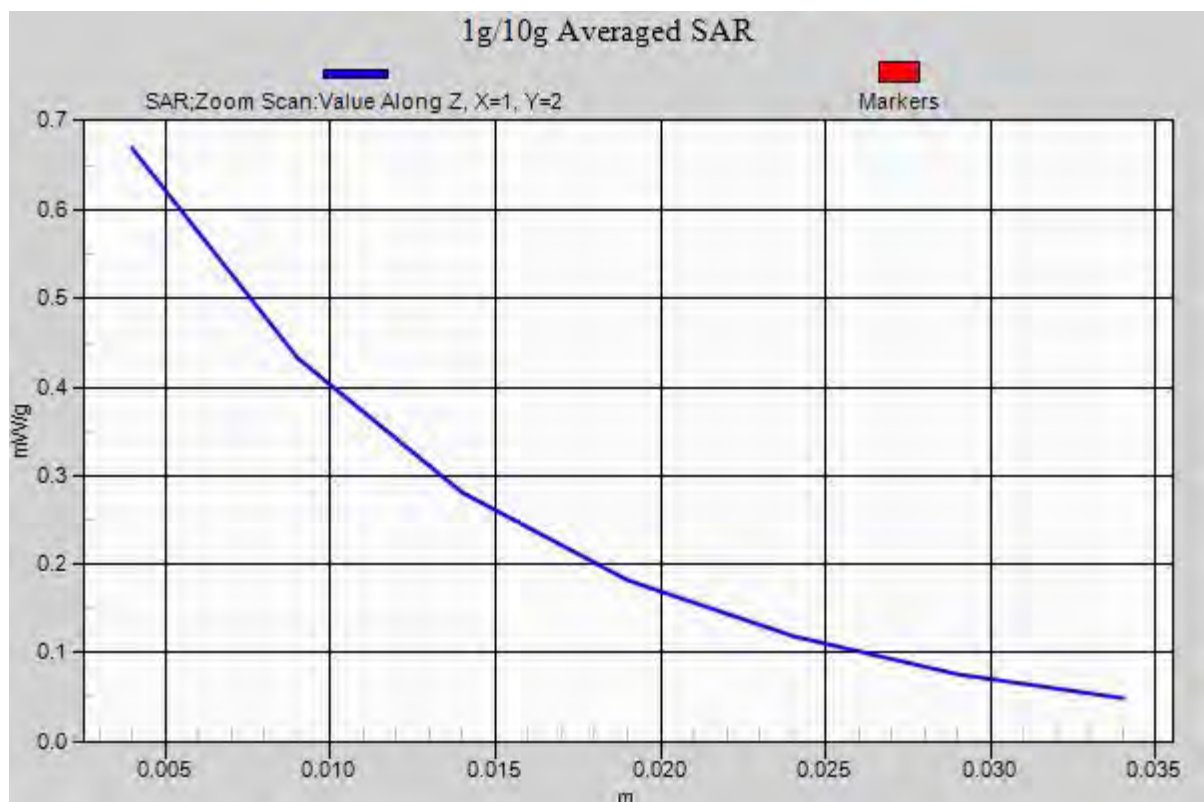
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.209 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.9660

SAR(1 g) = 0.627 mW/g; SAR(10 g) = 0.399 mW/g

Maximum value of SAR (measured) = 0.670 mW/g



96 LTE Band II 16-QAM_RB 1 0_Right Side_1.0cm_Ch18900**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.608 mW/g

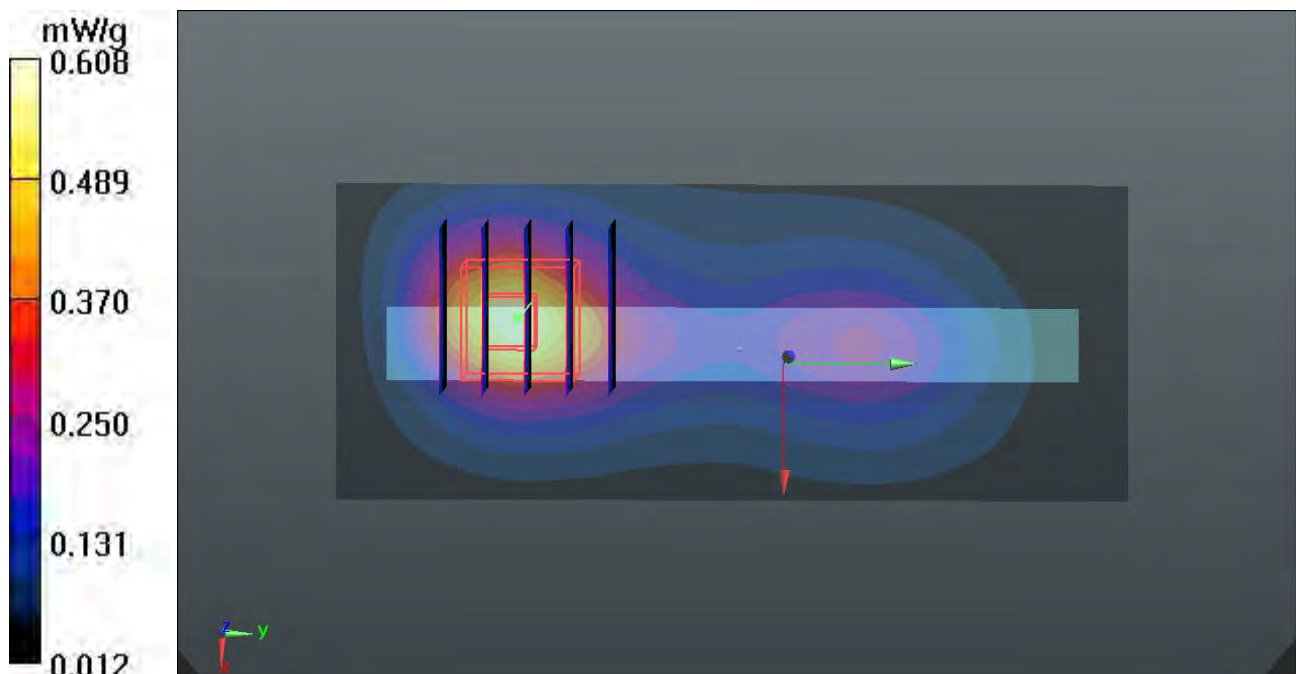
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.098 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.8820

SAR(1 g) = 0.511 mW/g; SAR(10 g) = 0.284 mW/g

Maximum value of SAR (measured) = 0.547 mW/g



97 LTE Band II 16-QAM_RB 1 0_Top Side_1.0cm_Ch18900**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.358 mW/g

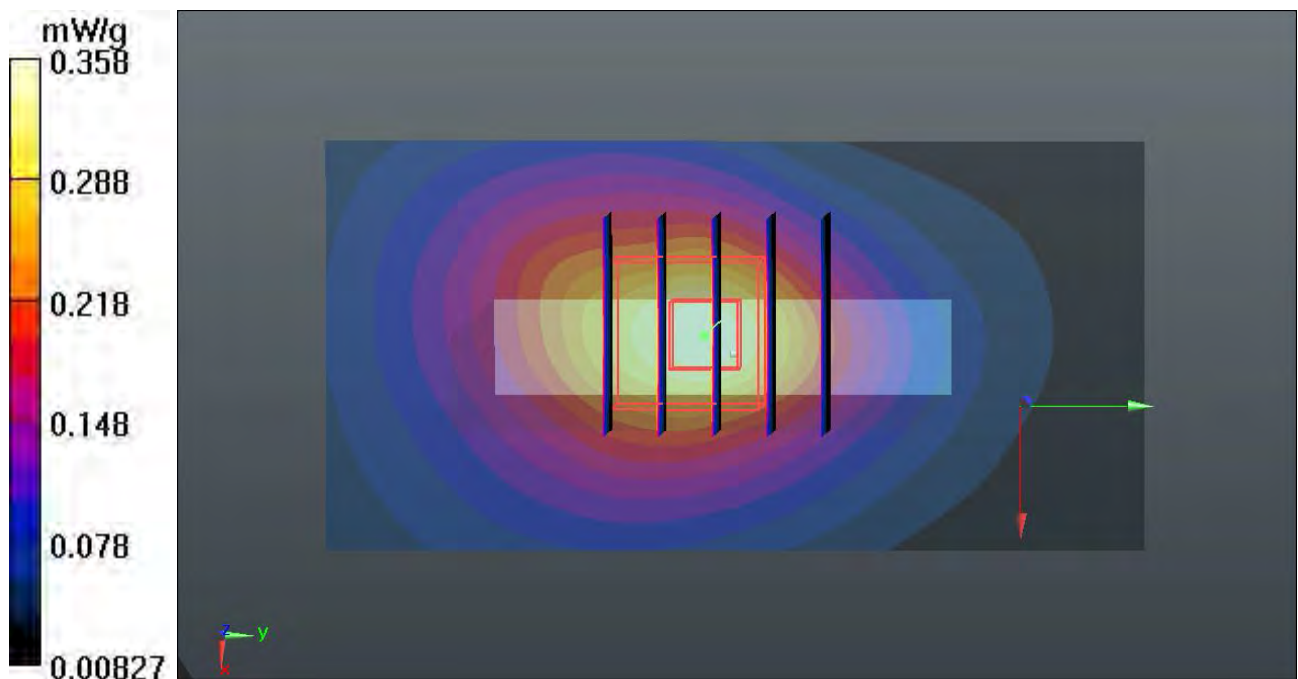
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.005 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.5410

SAR(1 g) = 0.321 mW/g; SAR(10 g) = 0.190 mW/g

Maximum value of SAR (measured) = 0.351 mW/g



99 LTE Band II 16-QAM_RB 1 0_Front_1.0cm_Ch18900_Earphone**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.565 mW/g

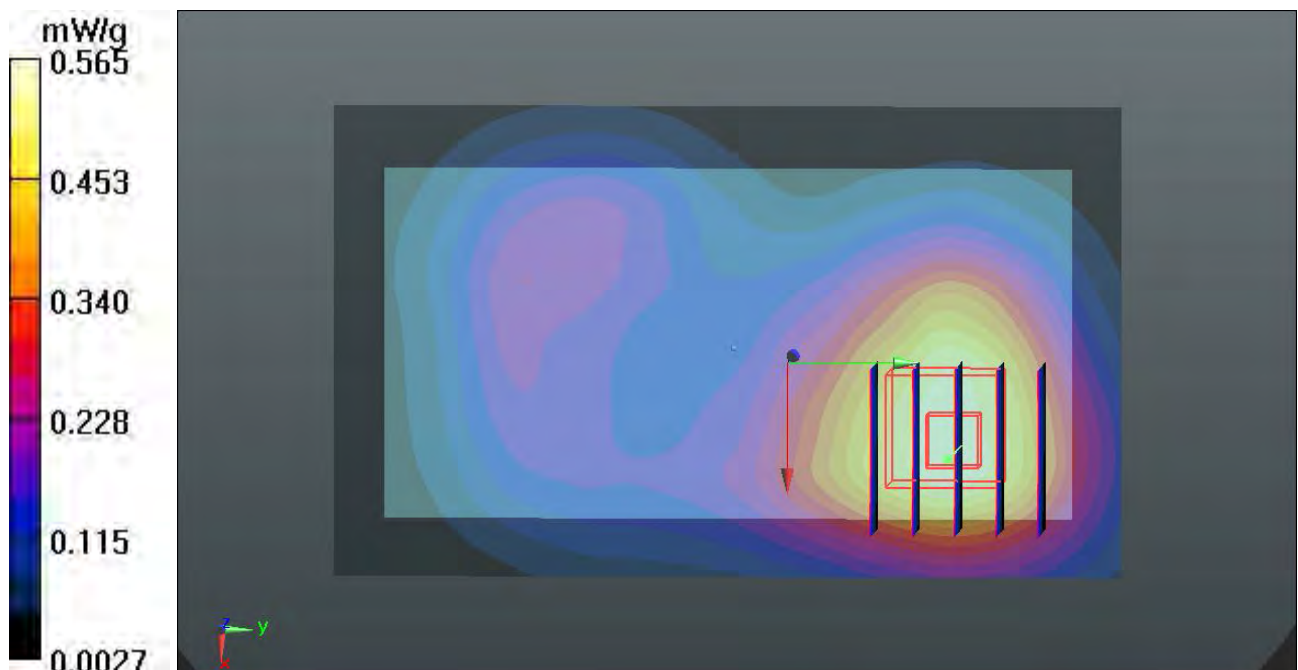
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.536 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.8040

SAR(1 g) = 0.515 mW/g; SAR(10 g) = 0.330 mW/g

Maximum value of SAR (measured) = 0.551 mW/g



100 LTE Band II 16-QAM_RB 1 0_Back_1.0cm_Ch18900_Earphone**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.693 mW/g

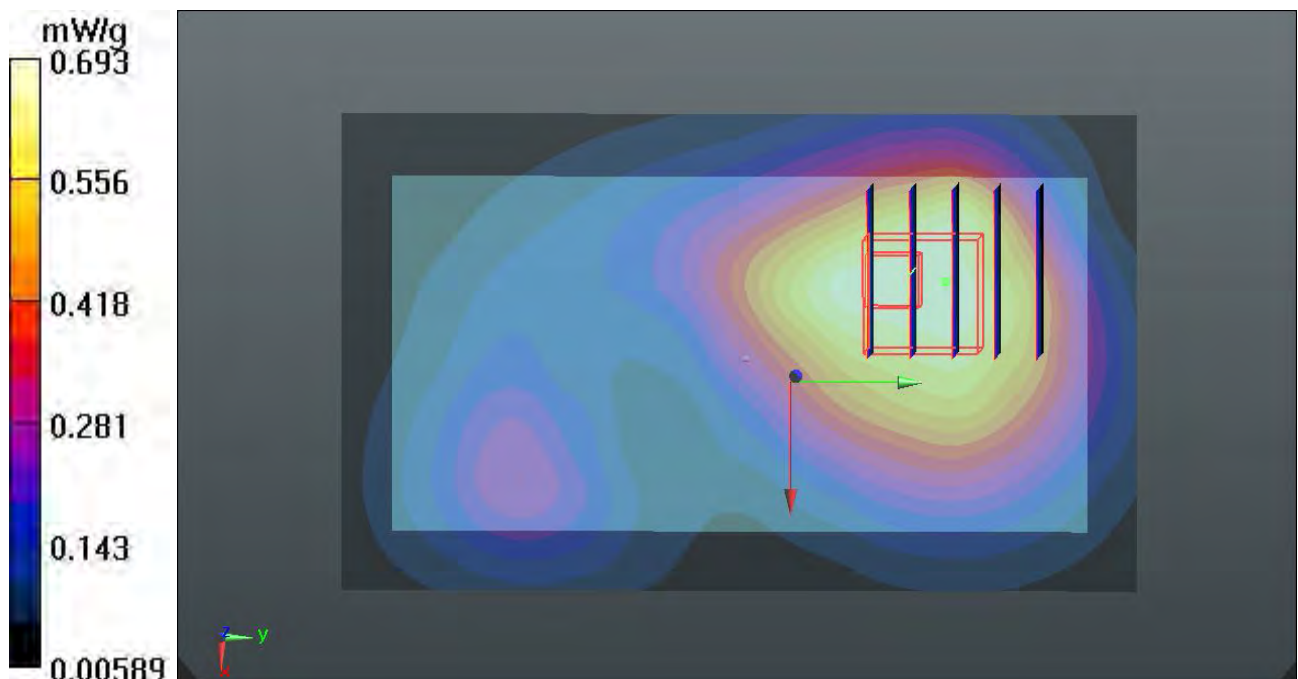
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.004 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.9890

SAR(1 g) = 0.625 mW/g; SAR(10 g) = 0.404 mW/g

Maximum value of SAR (measured) = 0.671 mW/g



101 LTE Band II 16-QAM_RB 1 49_Front_1.0cm_Ch18900**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.554 mW/g

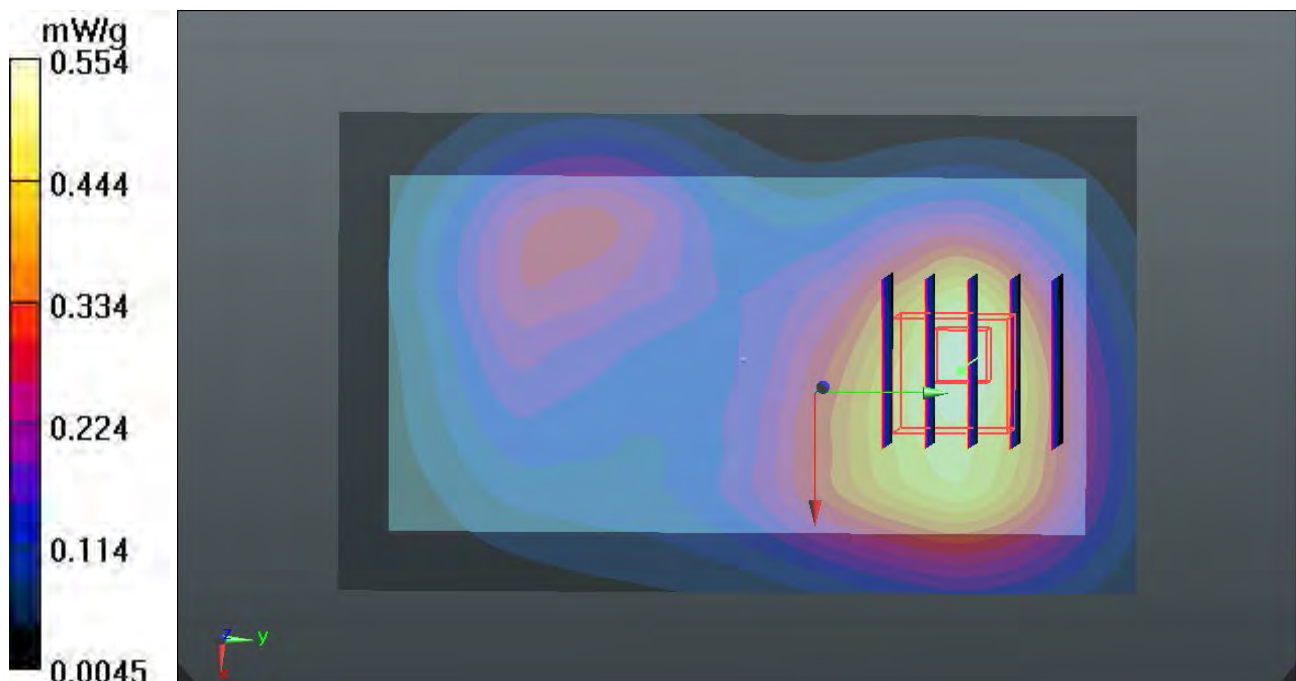
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.098 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.7700

SAR(1 g) = 0.491 mW/g; SAR(10 g) = 0.314 mW/g

Maximum value of SAR (measured) = 0.524 mW/g



102 LTE Band II 16-QAM_RB 1 49_Back_1.0cm_Ch18900**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.697 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.568 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.9900

SAR(1 g) = 0.641 mW/g; SAR(10 g) = 0.409 mW/g

Maximum value of SAR (measured) = 0.672 mW/g

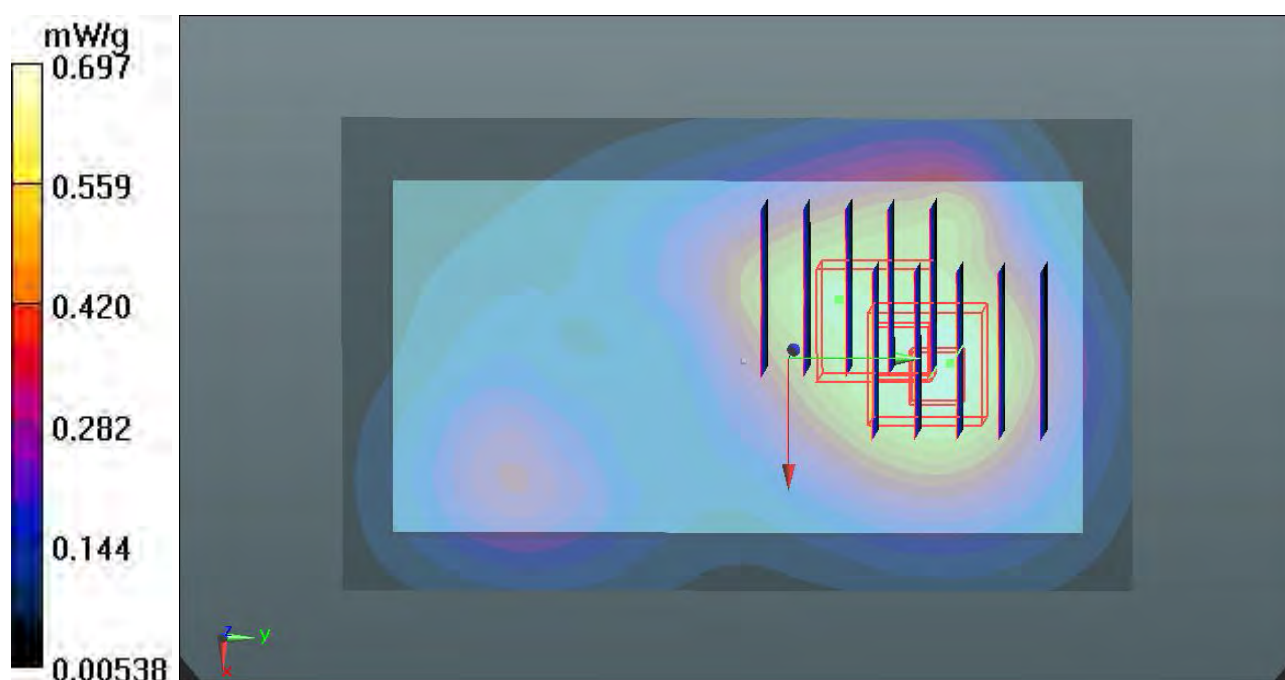
Ch18900/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.568 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.9300

SAR(1 g) = 0.603 mW/g; SAR(10 g) = 0.385 mW/g

Maximum value of SAR (measured) = 0.673 mW/g



104 LTE Band II 16-QAM_RB 1 49_Right Side_1.0cm_Ch18900**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.639 mW/g

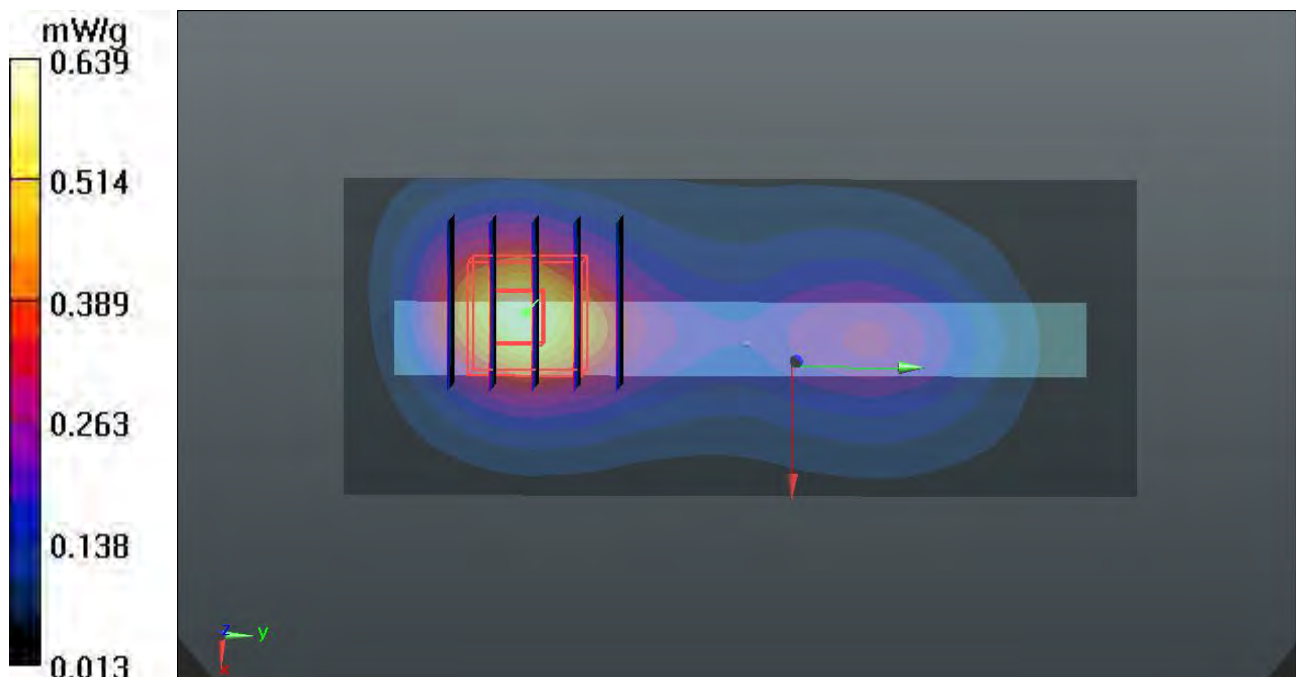
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.235 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.9490

SAR(1 g) = 0.551 mW/g; SAR(10 g) = 0.304 mW/g

Maximum value of SAR (measured) = 0.590 mW/g



105 LTE Band II 16-QAM_RB 1 49_Top Side_1.0cm_Ch18900**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.373 mW/g

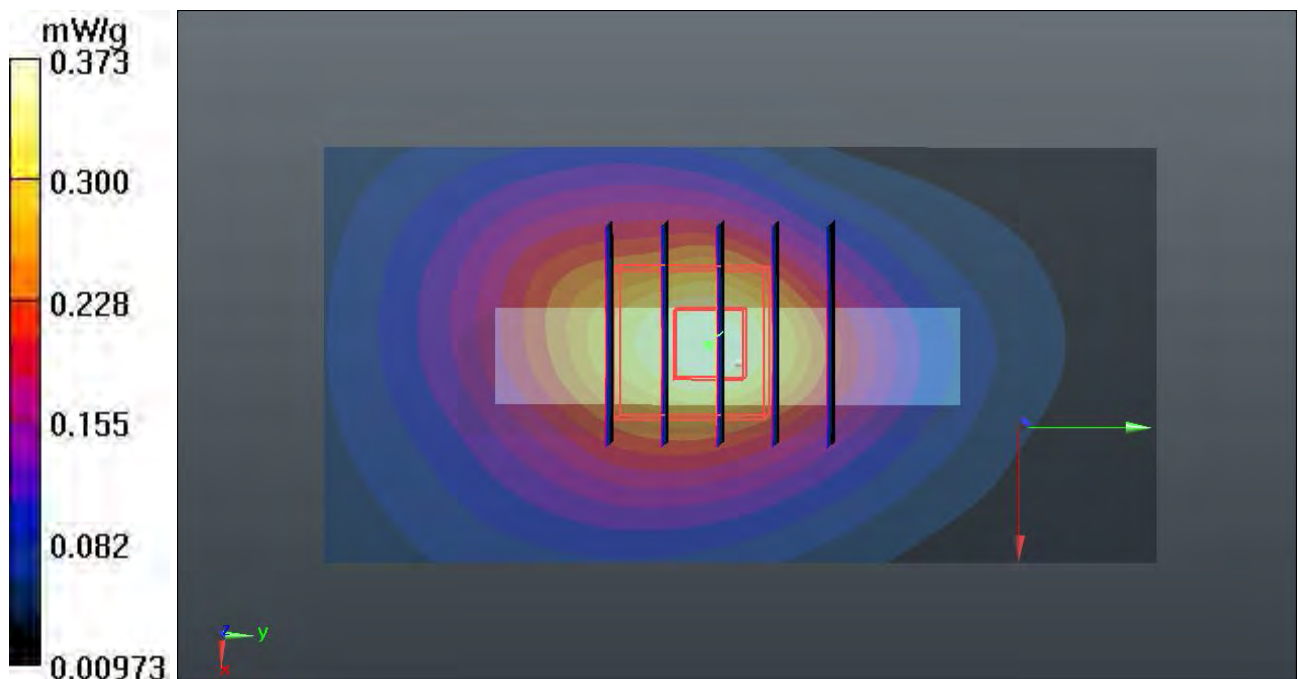
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.193 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.5530

SAR(1 g) = 0.328 mW/g; SAR(10 g) = 0.194 mW/g

Maximum value of SAR (measured) = 0.358 mW/g



107 LTE Band II 16-QAM_RB 1 49_Front_1.0cm_Ch18900_Earphone**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.561 mW/g

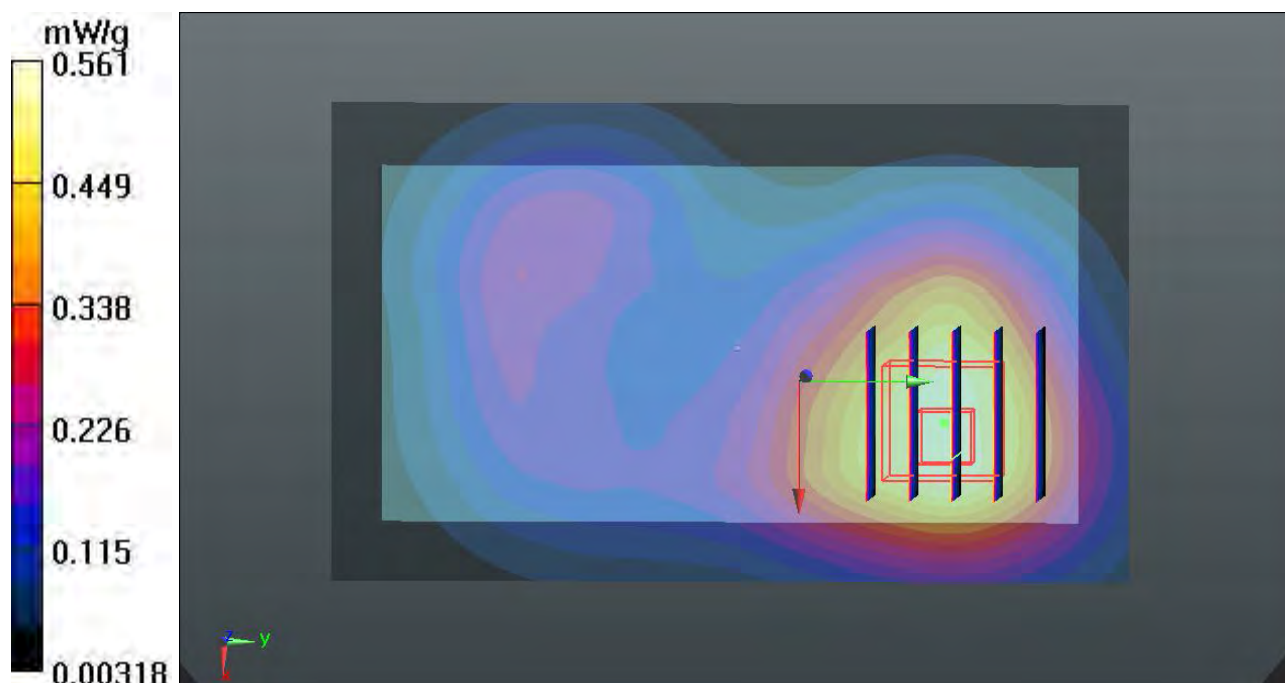
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.907 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 0.8040

SAR(1 g) = 0.517 mW/g; SAR(10 g) = 0.329 mW/g

Maximum value of SAR (measured) = 0.550 mW/g



108 LTE Band II 16-QAM_RB 1 49_Back_1.0cm_Ch18900_Earphone**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.718 mW/g

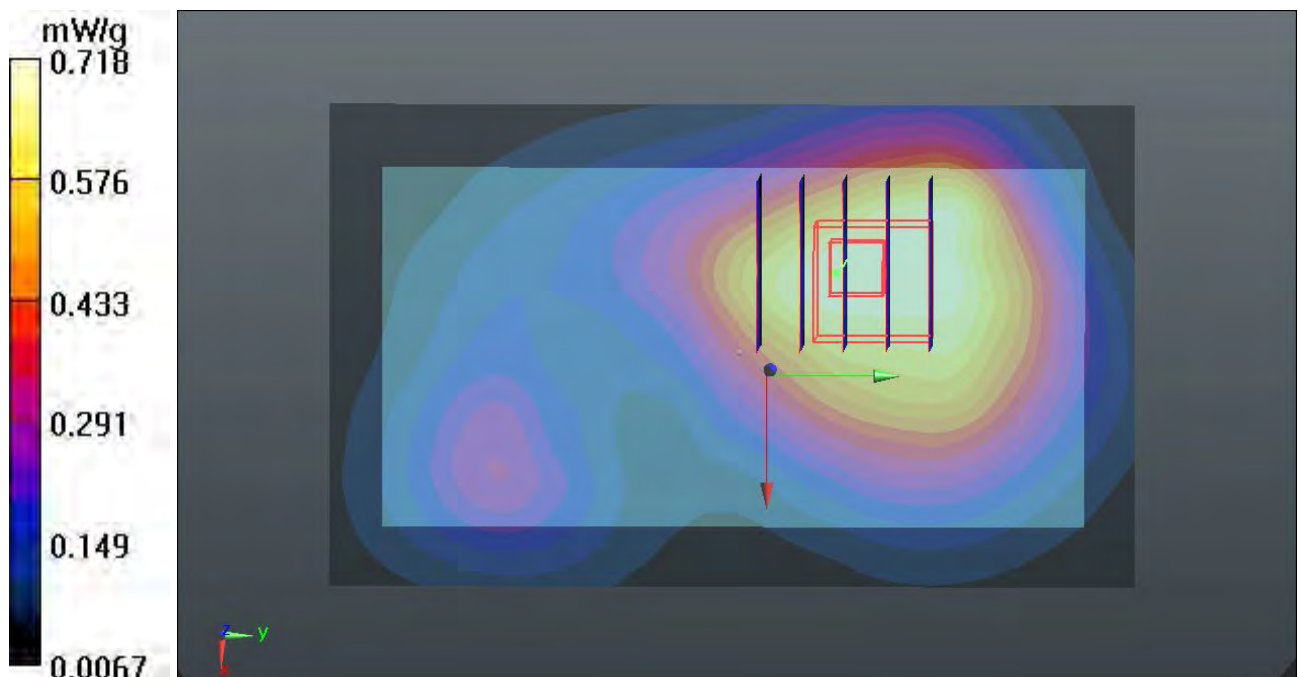
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.575 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.0560

SAR(1 g) = 0.667 mW/g; SAR(10 g) = 0.429 mW/g

Maximum value of SAR (measured) = 0.721 mW/g



108 LTE Band II 16-QAM_RB 1 49_Back_1.0cm_Ch18900_Earphone_2D**DUT: 230902**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120421 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 54.594; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch18900/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.718 mW/g

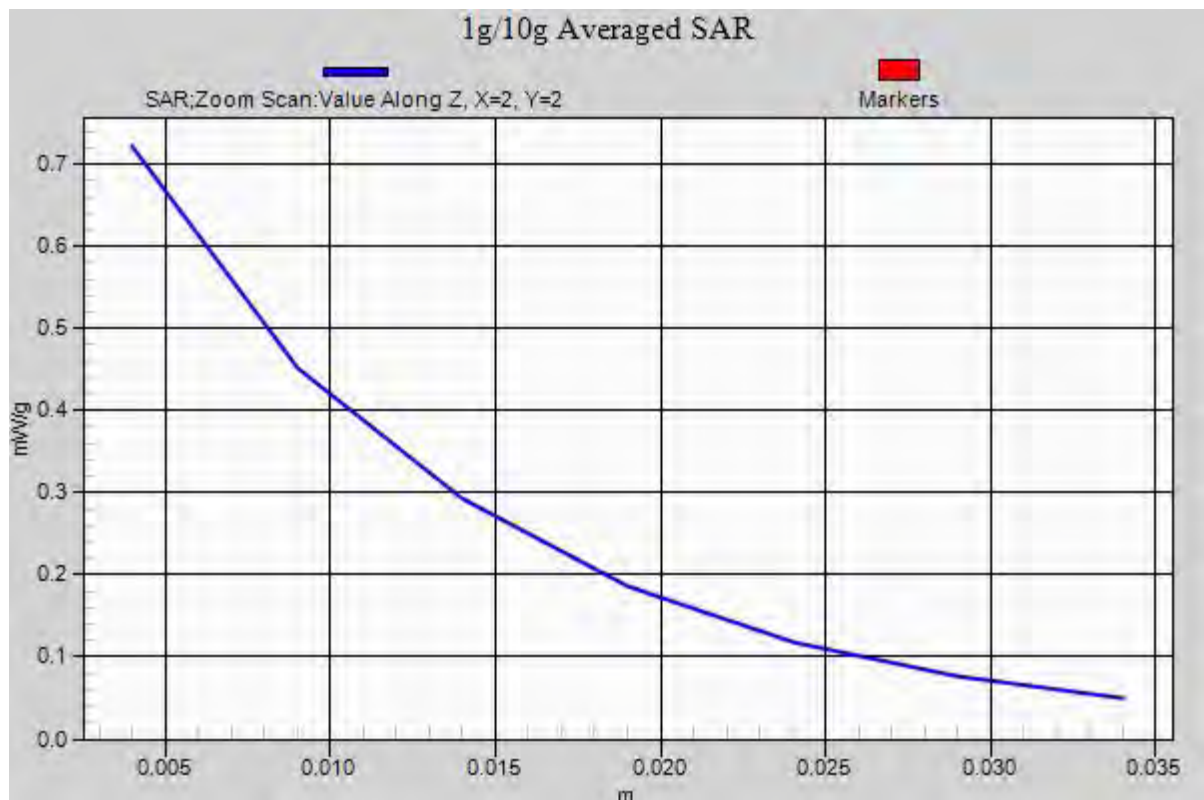
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.575 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.0560

SAR(1 g) = 0.667 mW/g; SAR(10 g) = 0.429 mW/g

Maximum value of SAR (measured) = 0.721 mW/g



233 802.11b_Front_1CM_1M_Ch1

DUT: 230609

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120505 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.933$ mho/m; $\epsilon_r =$

53.535; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.076 mW/g

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

Reference Value = 1.529 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.061 W/kg

SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.017 mW/g

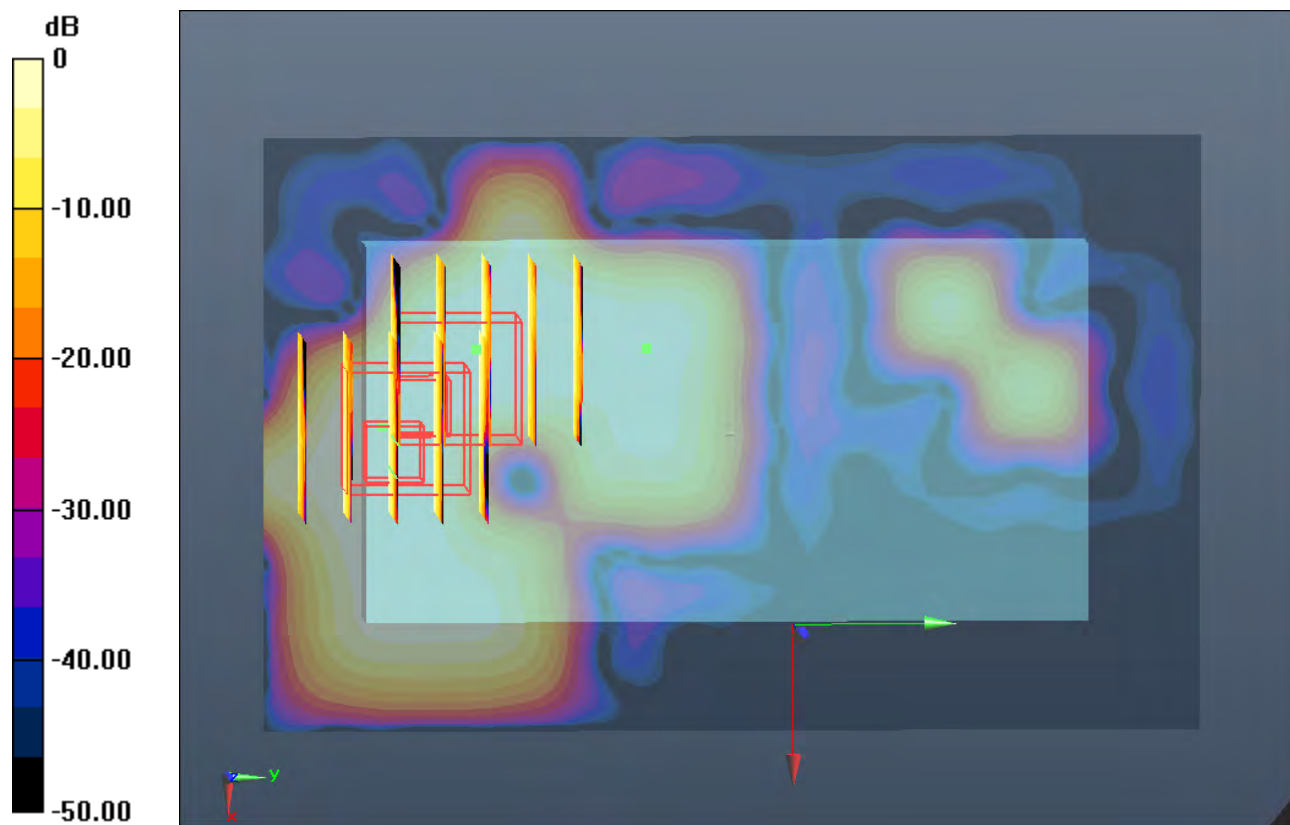
Maximum value of SAR (measured) = 0.040 mW/g

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

Reference Value = 1.529 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.057 W/kg

SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.017 mW/g



0 dB = 0.040mW/g

234 802.11b_Back_1CM_1M_Ch1

DUT: 230609

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120505 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.933$ mho/m; $\epsilon_r =$

53.535; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.134 mW/g

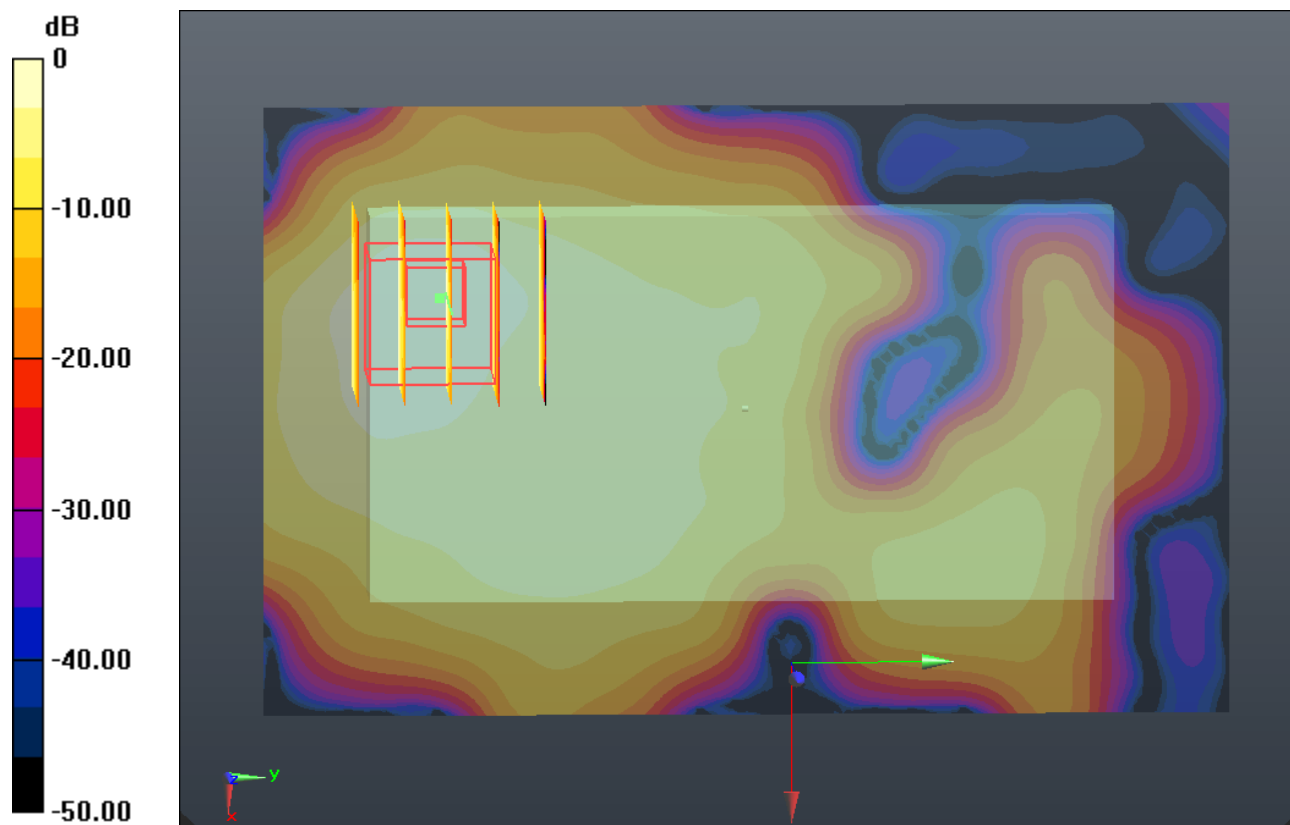
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.191 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.211 W/kg

SAR(1 g) = 0.107 mW/g; SAR(10 g) = 0.052 mW/g

Maximum value of SAR (measured) = 0.122 mW/g



0 dB = 0.120mW/g

234 802.11b_Back_1CM_1M_Ch1_2D

DUT: 230609

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120505 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.933 \text{ mho/m}$; $\epsilon_r =$

53.535 ; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.134 mW/g

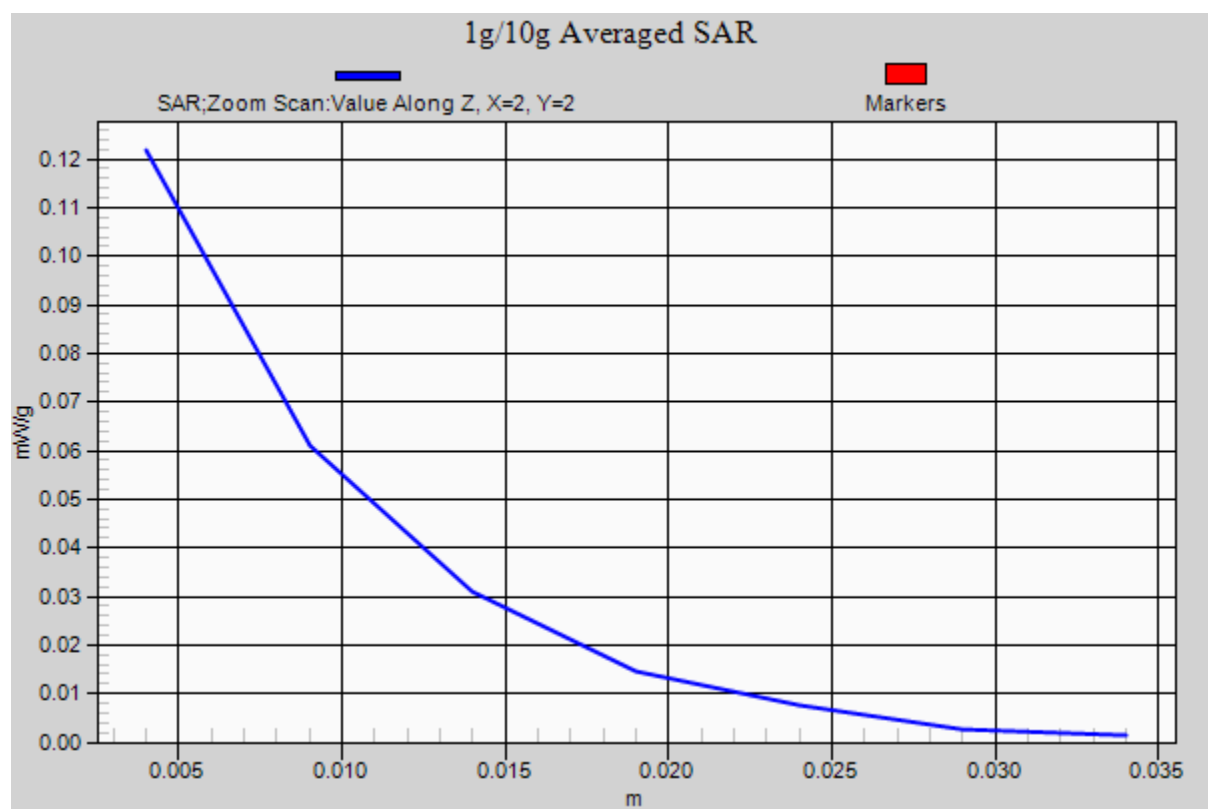
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.191 V/m ; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.211 W/kg

SAR(1 g) = 0.107 mW/g ; SAR(10 g) = 0.052 mW/g

Maximum value of SAR (measured) = 0.122 mW/g



235 802.11b_Right Side_1CM_1M_Ch1

DUT: 230609

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120505 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.933$ mho/m; $\epsilon_r =$

53.535; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (41x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.013 mW/g

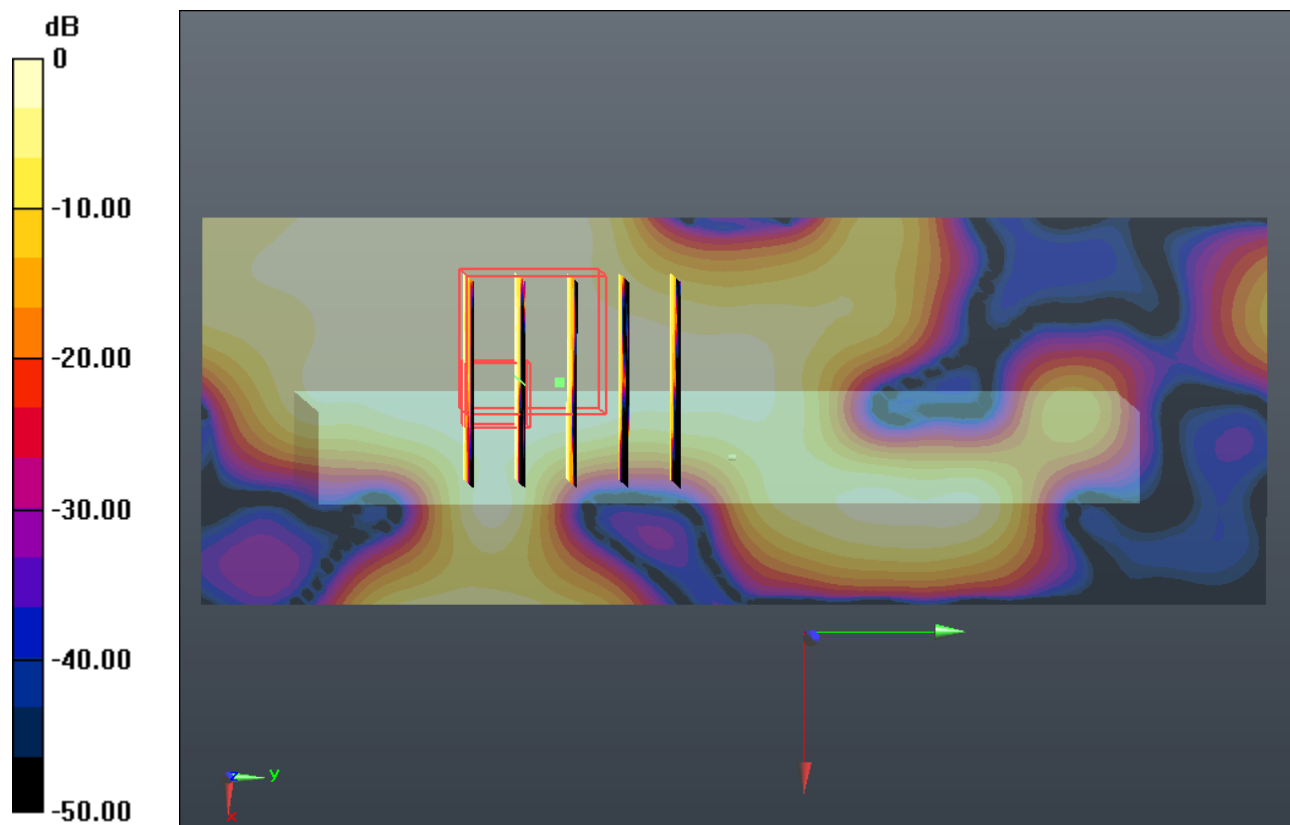
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.073 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.044 W/kg

SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00419 mW/g

Maximum value of SAR (measured) = 0.011 mW/g



0 dB = 0.010mW/g

236 802.11b_Bottom Side_1CM_1M_Ch1

DUT: 230609

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120505 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.933$ mho/m; $\epsilon_r =$

53.535; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.077 mW/g

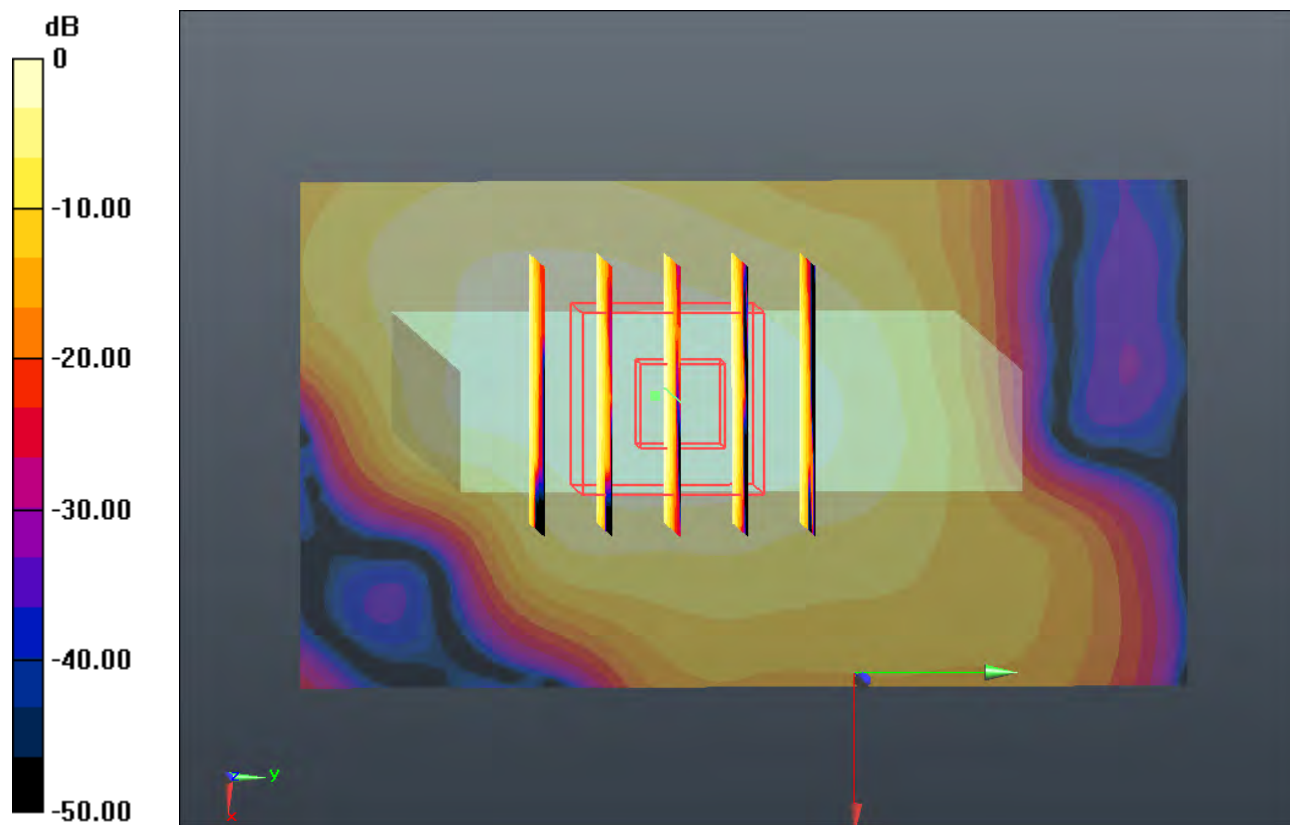
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.710 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.114 W/kg

SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.033 mW/g

Maximum value of SAR (measured) = 0.073 mW/g



237 802.11b_Front_1CM_1M_Ch1_Earphone

DUT: 230902

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120505 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.933$ mho/m; $\epsilon_r =$

53.535; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.042 mW/g

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

Reference Value = 2.684 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.065 W/kg

SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.018 mW/g

Maximum value of SAR (measured) = 0.041 mW/g

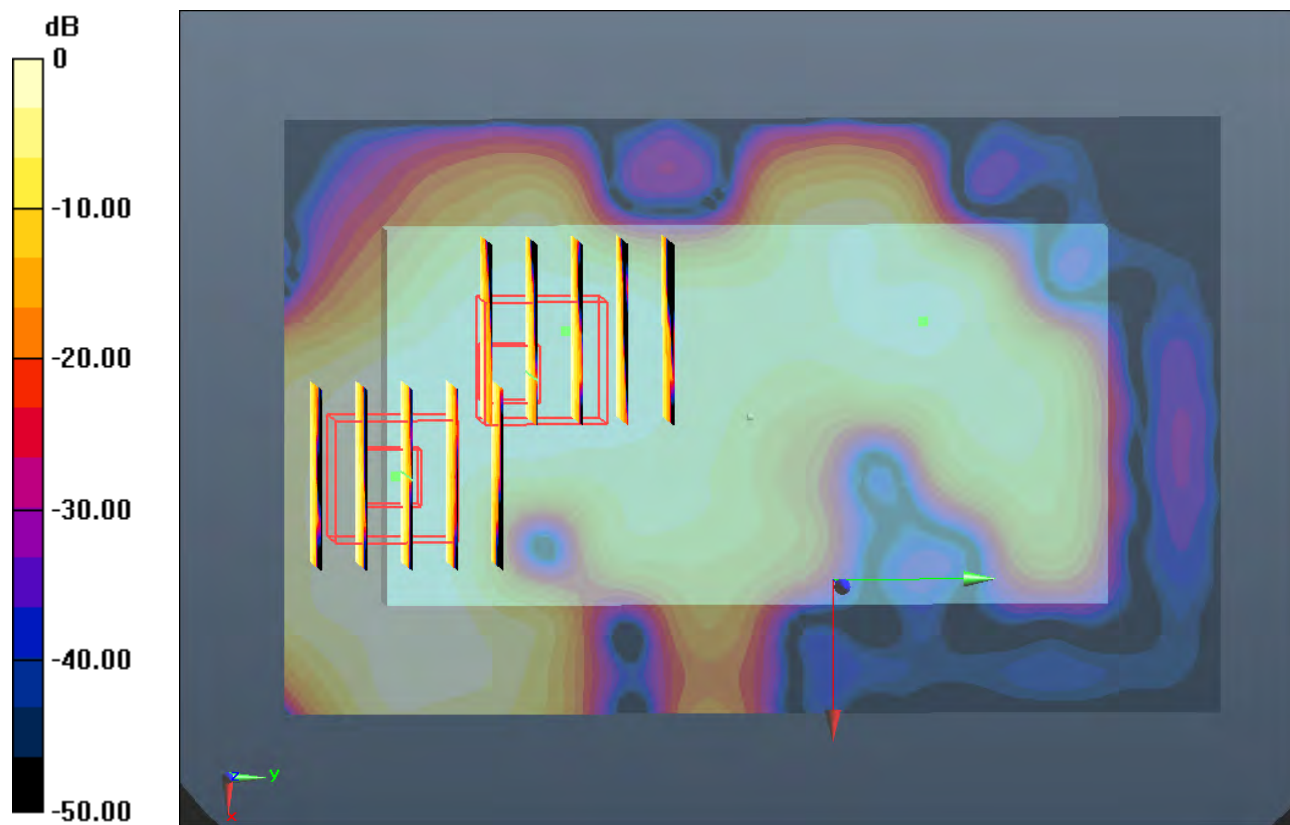
Configuration/Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.684 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.057 W/kg

SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.036 mW/g



0 dB = 0.040mW/g

238 802.11b_Back_1CM_1M_Ch1_Earphone

DUT: 230902

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120505 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.933 \text{ mho/m}$; $\epsilon_r =$

53.535 ; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.133 mW/g

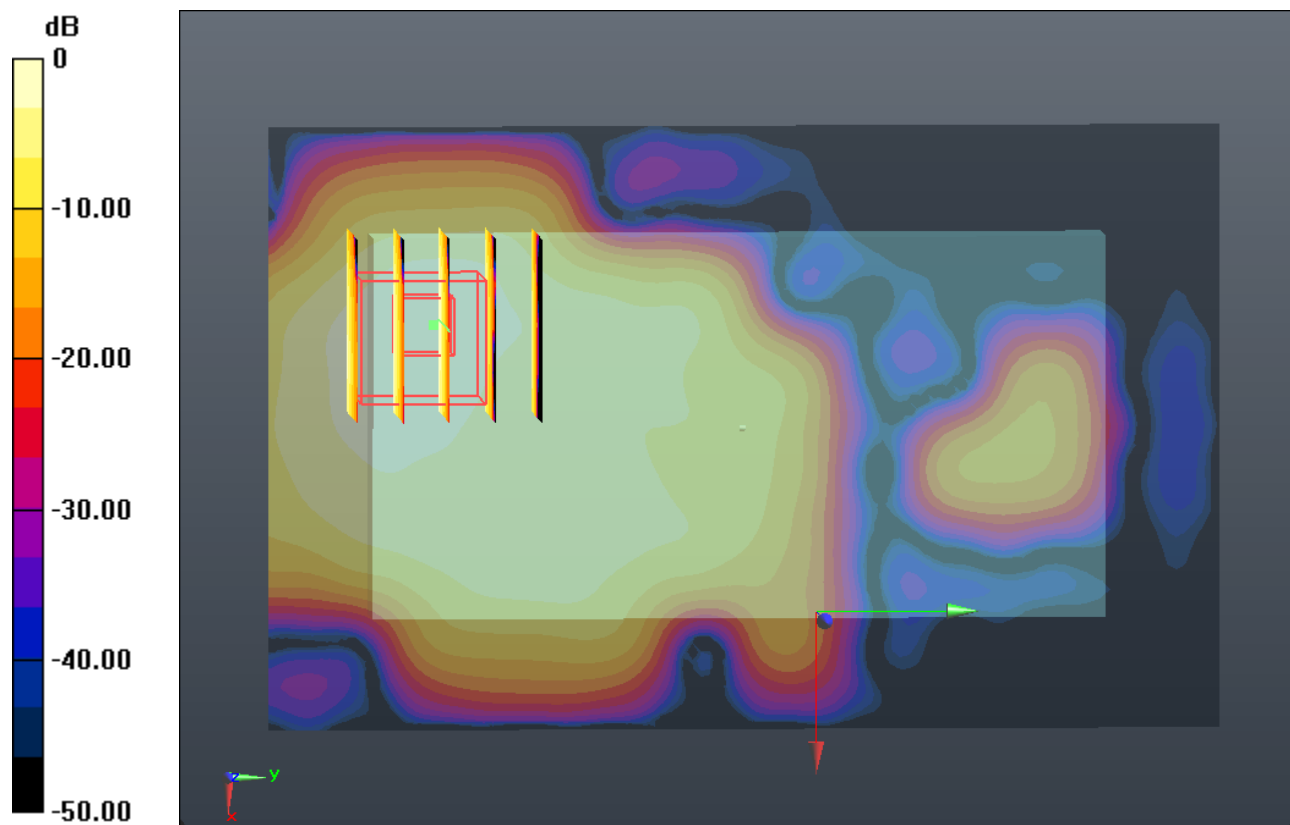
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.663 V/m ; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.208 W/kg

SAR(1 g) = 0.106 mW/g ; SAR(10 g) = 0.052 mW/g

Maximum value of SAR (measured) = 0.119 mW/g



0 dB = 0.120mW/g