

## P24 GSM850\_GPRS 12\_Rear Face\_1cm\_Ch128\_Earphone

**DUT: 120927N007**

Communication System: GPRS12; Frequency: 824.2 MHz; Duty Cycle: 1:1.99986

Medium: B835\_1106 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 1$  mho/m;  $\epsilon_r = 53.697$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.23, 9.23, 9.23); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Ch128/Area Scan (61x91x1):** Measurement grid: dx=20mm, dy=20mm

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

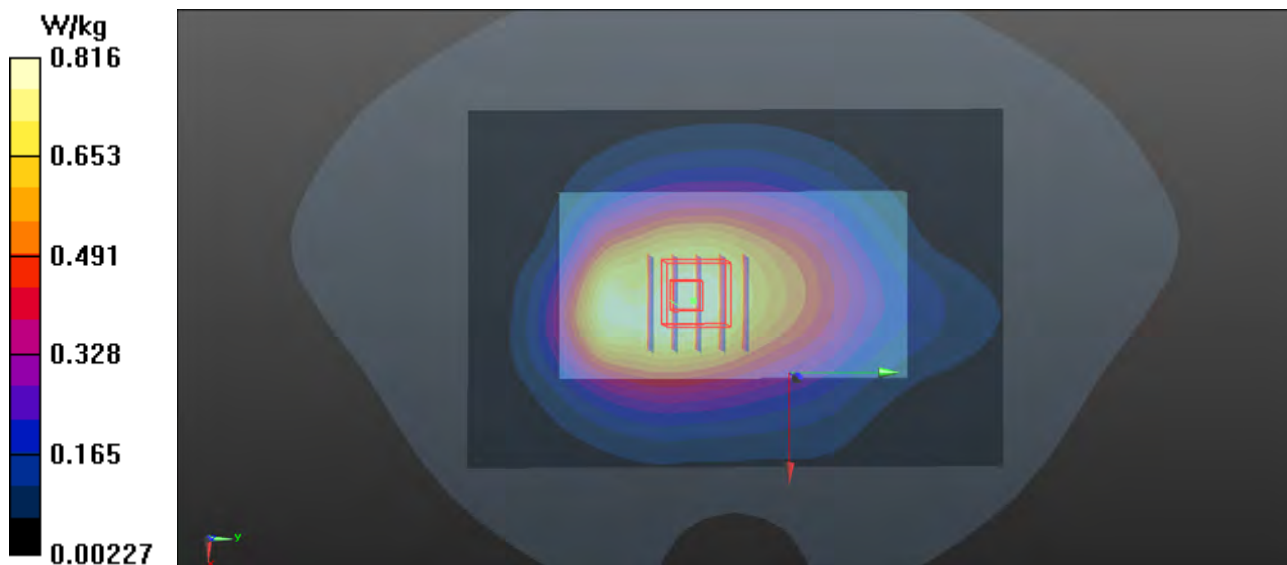
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.728 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.935 W/kg

**SAR(1 g) = 0.722 W/kg; SAR(10 g) = 0.534 W/kg**

Maximum value of SAR (measured) = 0.833 W/kg



### P46 GSM850\_GPRS 12\_Front Face\_1cm\_Ch189

**DUT: 120927N007**

Communication System: GPRS12; Frequency: 836.4 MHz; Duty Cycle: 1:1.99986

Medium: B835\_1106 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 1.013$  mho/m;  $\epsilon_r = 53.568$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.1 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.23, 9.23, 9.23); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Ch189/Area Scan (61x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.974 W/kg

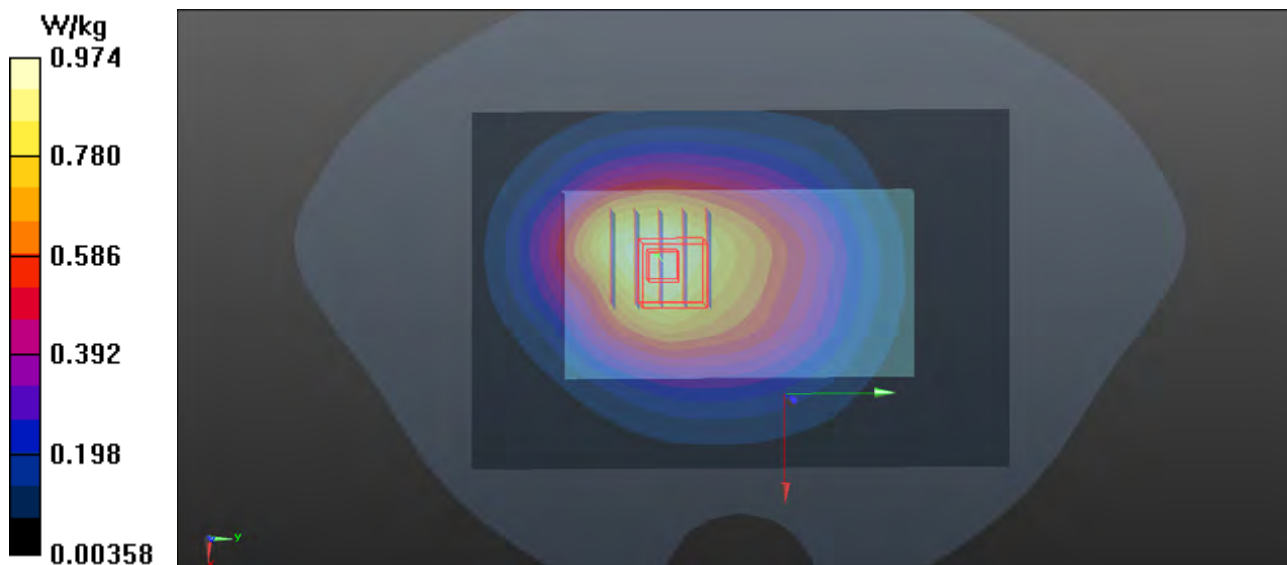
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.749 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.04 W/kg

**SAR(1 g) = 0.788 W/kg; SAR(10 g) = 0.584 W/kg**

Maximum value of SAR (measured) = 0.927 W/kg



### P47 GSM850\_GPRS 12\_Front Face\_1cm\_Ch251

**DUT: 120927N007**

Communication System: GPRS12; Frequency: 848.8 MHz; Duty Cycle: 1:1.99986

Medium: B835\_1106 Medium parameters used:  $f = 849$  MHz;  $\sigma = 1.025$  mho/m;  $\epsilon_r = 53.444$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.1 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.23, 9.23, 9.23); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Ch251/Area Scan (61x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.809 W/kg

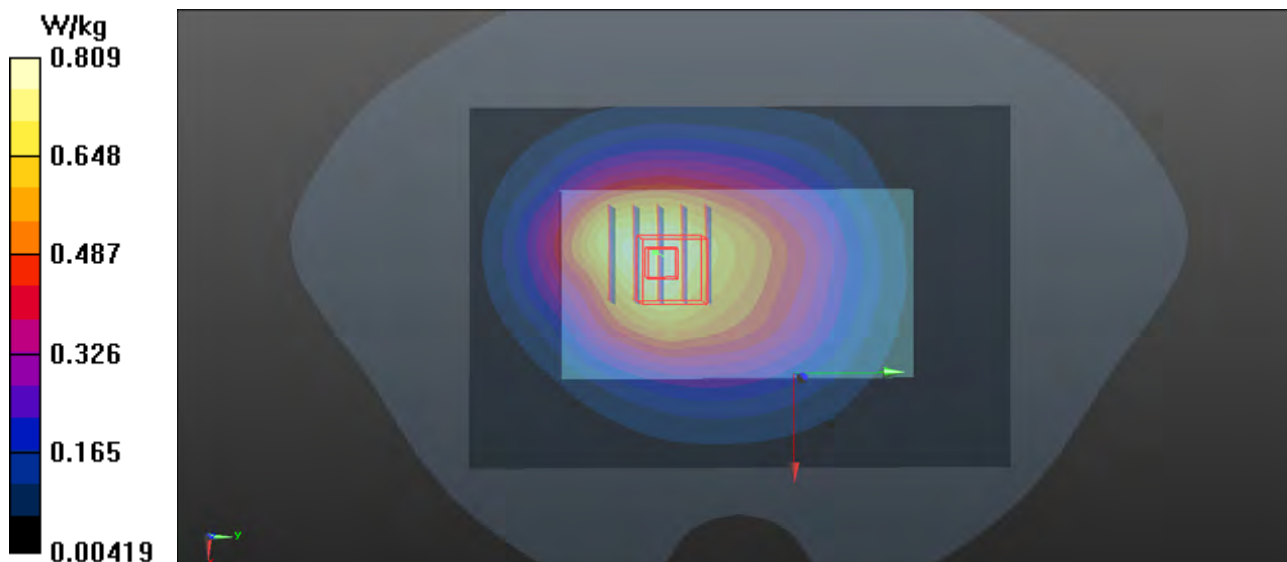
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.152 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.890 W/kg

**SAR(1 g) = 0.668 W/kg; SAR(10 g) = 0.492 W/kg**

Maximum value of SAR (measured) = 0.788 W/kg



### P48 GSM850\_GPRS 12\_Rear Face\_1cm\_Ch189

**DUT: 120927N007**

Communication System: GPRS12; Frequency: 836.4 MHz; Duty Cycle: 1:1.99986

Medium: B835\_1106 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 1.013$  mho/m;  $\epsilon_r = 53.568$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.23, 9.23, 9.23); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Ch189/Area Scan (61x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.13 W/kg

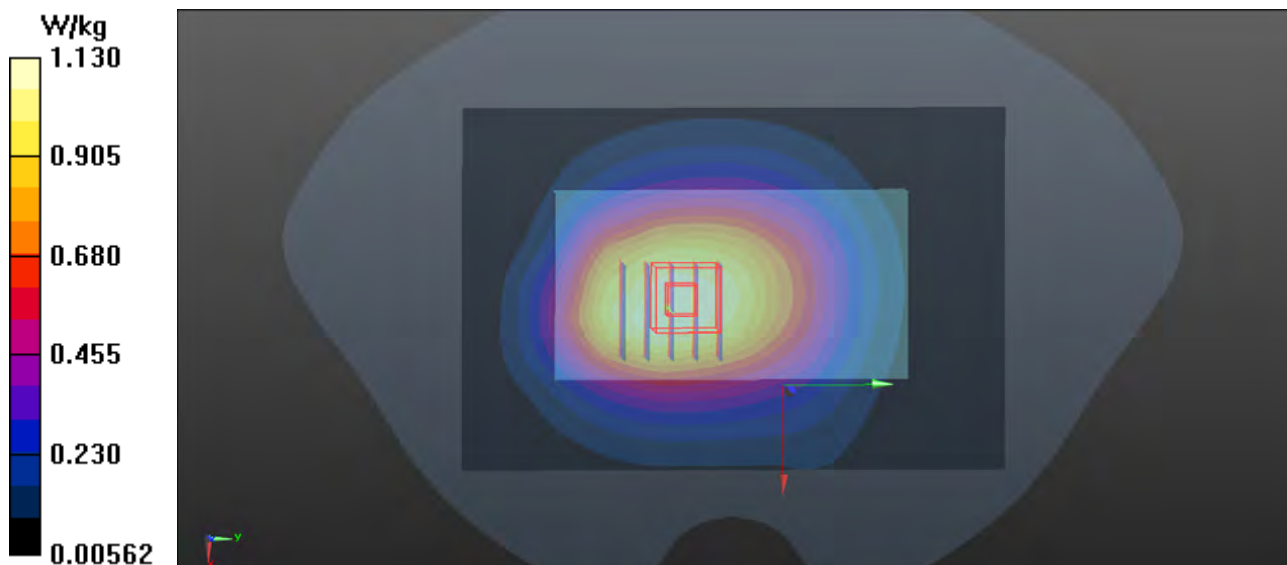
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.955 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.985 W/kg; SAR(10 g) = 0.731 W/kg**

Maximum value of SAR (measured) = 1.14 W/kg



### P49 GSM850\_GPRS 12\_Rear Face\_1cm\_Ch251

**DUT: 120927N007**

Communication System: GPRS12; Frequency: 848.8 MHz; Duty Cycle: 1:1.99986

Medium: B835\_1106 Medium parameters used:  $f = 849$  MHz;  $\sigma = 1.025$  mho/m;  $\epsilon_r = 53.444$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.1 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.23, 9.23, 9.23); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Ch251/Area Scan (61x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.954 W/kg

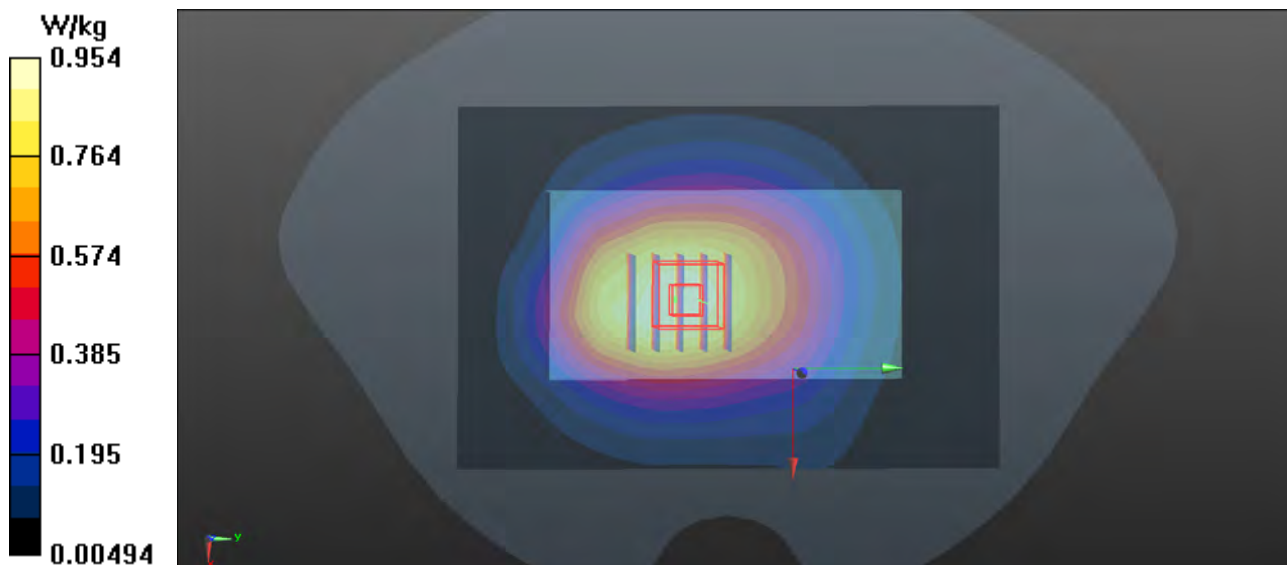
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.592 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.04 W/kg

**SAR(1 g) = 0.808 W/kg; SAR(10 g) = 0.608 W/kg**

Maximum value of SAR (measured) = 0.937 W/kg



## P25 GSM1900\_GPRS 12\_Front Face\_1cm\_Ch661

**DUT: 120927N007**

Communication System: GPRS12; Frequency: 1880 MHz; Duty Cycle: 1:1.99986

Medium: B1900\_1026 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.482$  mho/m;  $\epsilon_r = 53.619$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.33, 7.33, 7.33); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Ch661/Area Scan (61x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.876 W/kg

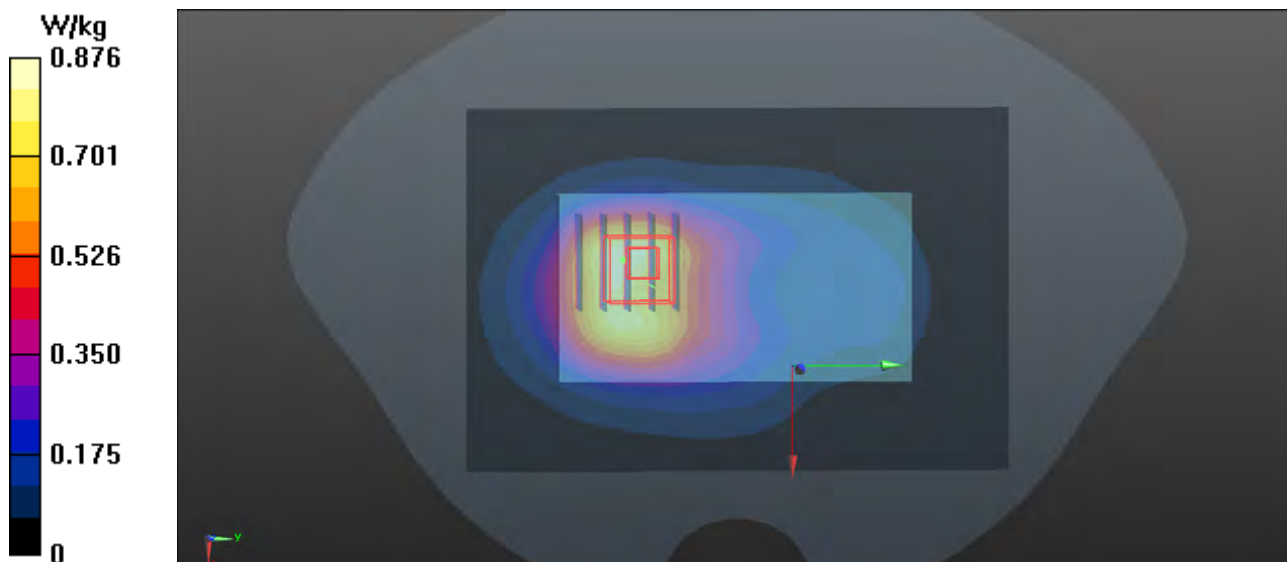
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.797 V/m; Power Drift = -0.03 dB

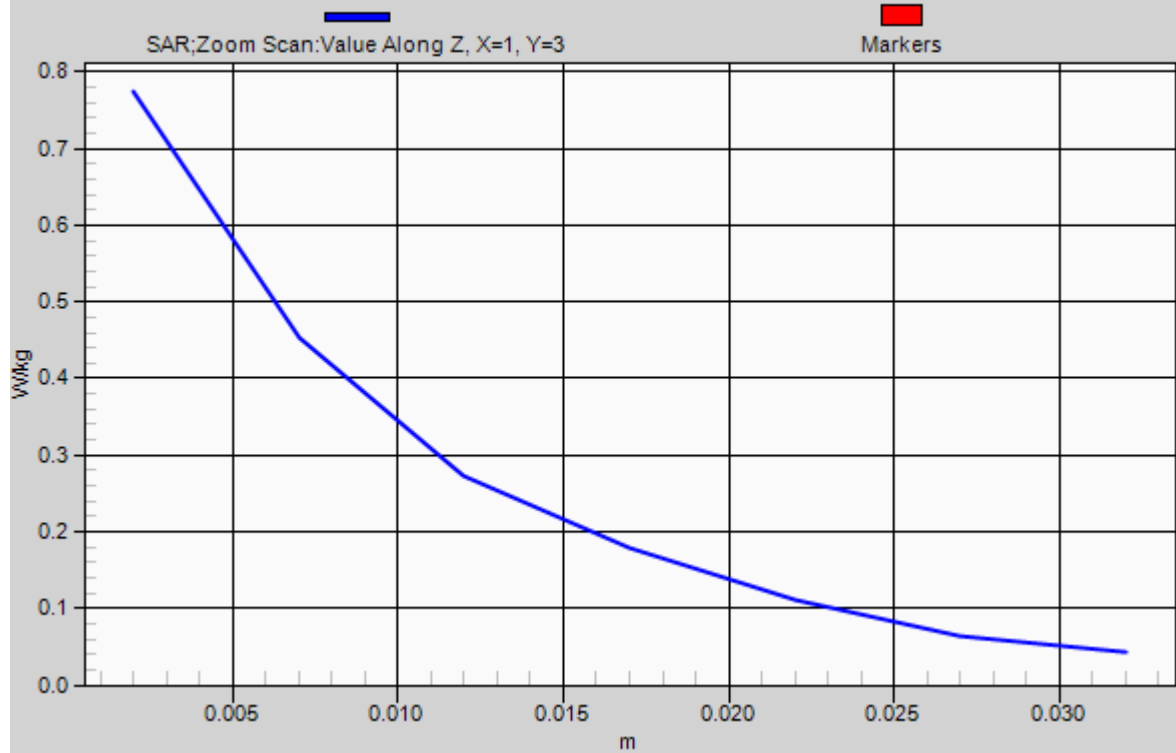
Peak SAR (extrapolated) = 0.961 W/kg

**SAR(1 g) = 0.585 W/kg; SAR(10 g) = 0.370 W/kg**

Maximum value of SAR (measured) = 0.774 W/kg



# 1g/10g Averaged SAR



## P26 GSM1900\_GPRS 12\_Rear Face\_1cm\_Ch661

**DUT: 120927N007**

Communication System: GPRS12; Frequency: 1880 MHz; Duty Cycle: 1:1.99986

Medium: B1900\_1026 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.482$  mho/m;  $\epsilon_r = 53.619$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.33, 7.33, 7.33); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Ch661/Area Scan (61x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.767 W/kg

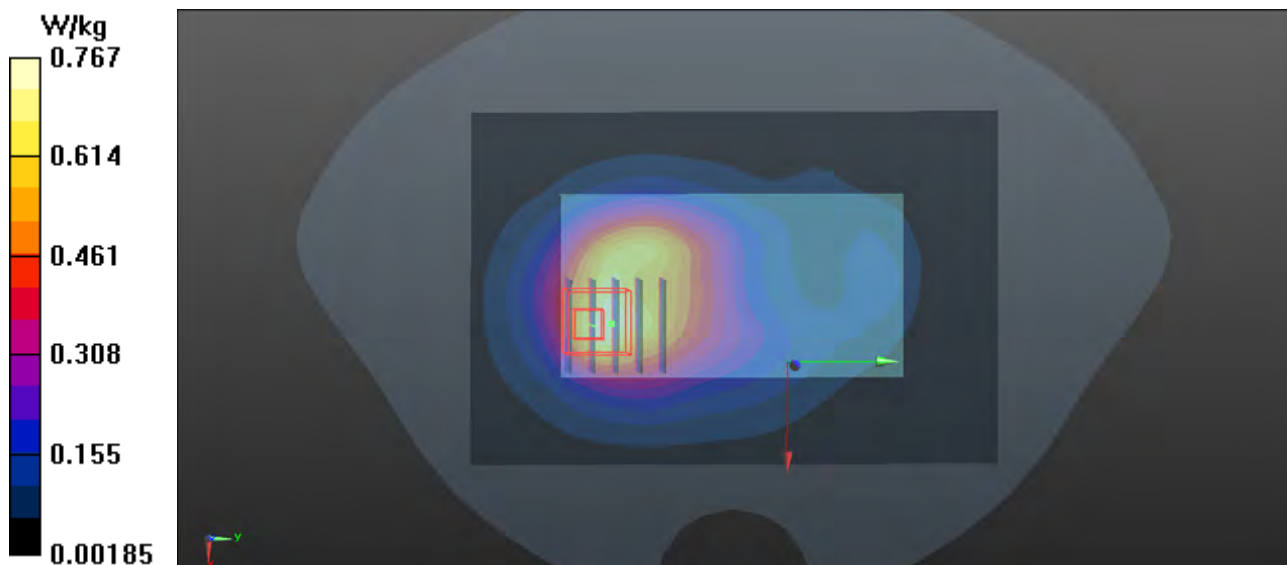
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.022 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.782 W/kg

**SAR(1 g) = 0.506 W/kg; SAR(10 g) = 0.308 W/kg**

Maximum value of SAR (measured) = 0.660 W/kg





### P27 GSM1900\_GPRS 12\_Left Side\_1cm\_Ch661

**DUT: 120927N007**

Communication System: GPRS12; Frequency: 1880 MHz; Duty Cycle: 1:1.99986

Medium: B1900\_1026 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.482$  mho/m;  $\epsilon_r = 53.619$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.33, 7.33, 7.33); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Ch661/Area Scan (61x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.199 W/kg

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.518 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.225 W/kg

**SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.086 W/kg**

Maximum value of SAR (measured) = 0.182 W/kg

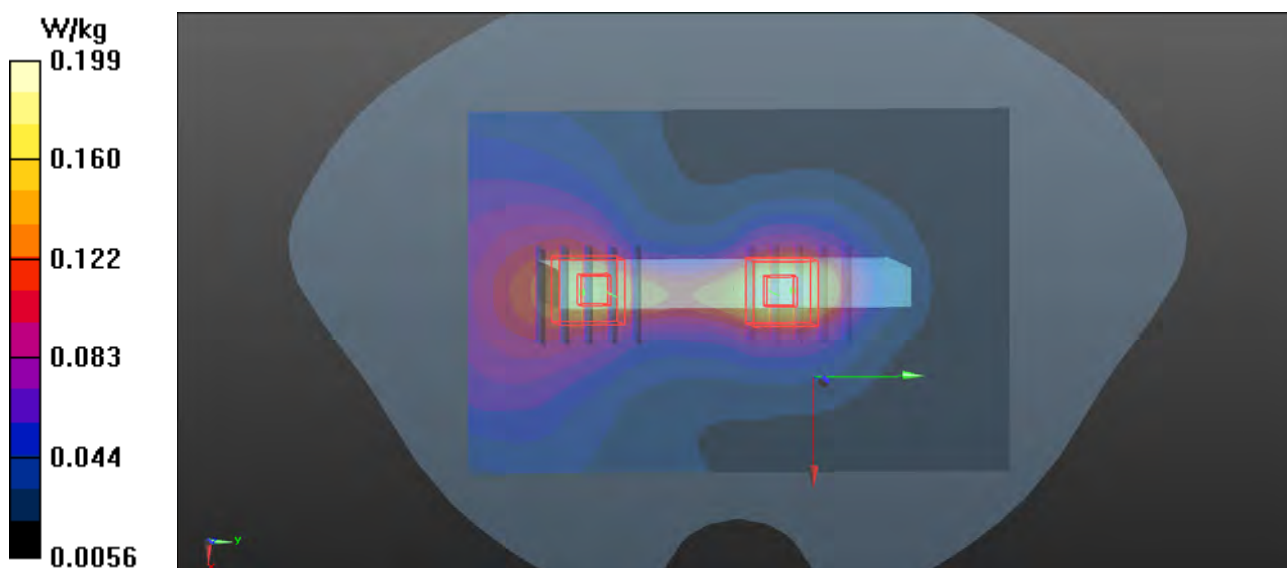
**Ch661/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.518 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.202 W/kg

**SAR(1 g) = 0.127 W/kg; SAR(10 g) = 0.079 W/kg**

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



## P28 GSM1900\_GPRS 12\_Right Side\_1cm\_Ch661

**DUT: 120927N007**

Communication System: GPRS12; Frequency: 1880 MHz; Duty Cycle: 1:1.99986

Medium: B1900\_1026 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.482$  mho/m;  $\epsilon_r = 53.619$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.33, 7.33, 7.33); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Ch661/Area Scan (61x91x1):** Measurement grid: dx=20mm, dy=20mm

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

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.308 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.233 W/kg

**SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.096 W/kg**

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

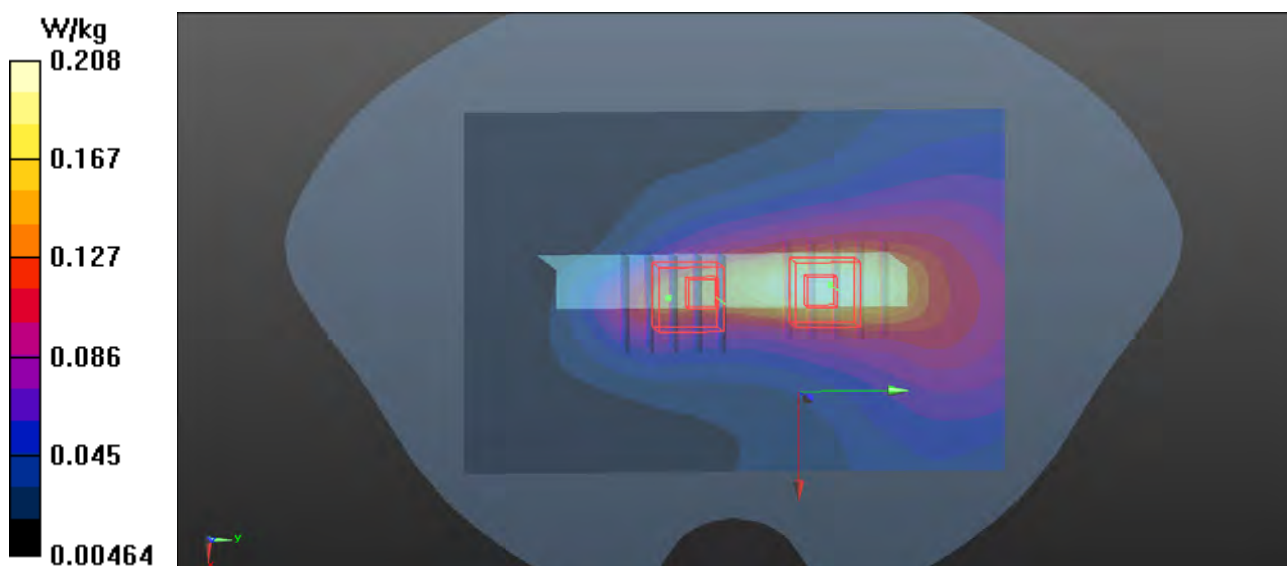
**Ch661/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.308 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.169 W/kg

**SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.067 W/kg**

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



## P29 GSM1900\_GPRS 12\_Bottom Side\_1cm\_Ch661

**DUT: 120927N007**

Communication System: GPRS12; Frequency: 1880 MHz; Duty Cycle: 1:1.99986

Medium: B1900\_1026 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.482$  mho/m;  $\epsilon_r = 53.619$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.33, 7.33, 7.33); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Ch661/Area Scan (61x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.840 W/kg

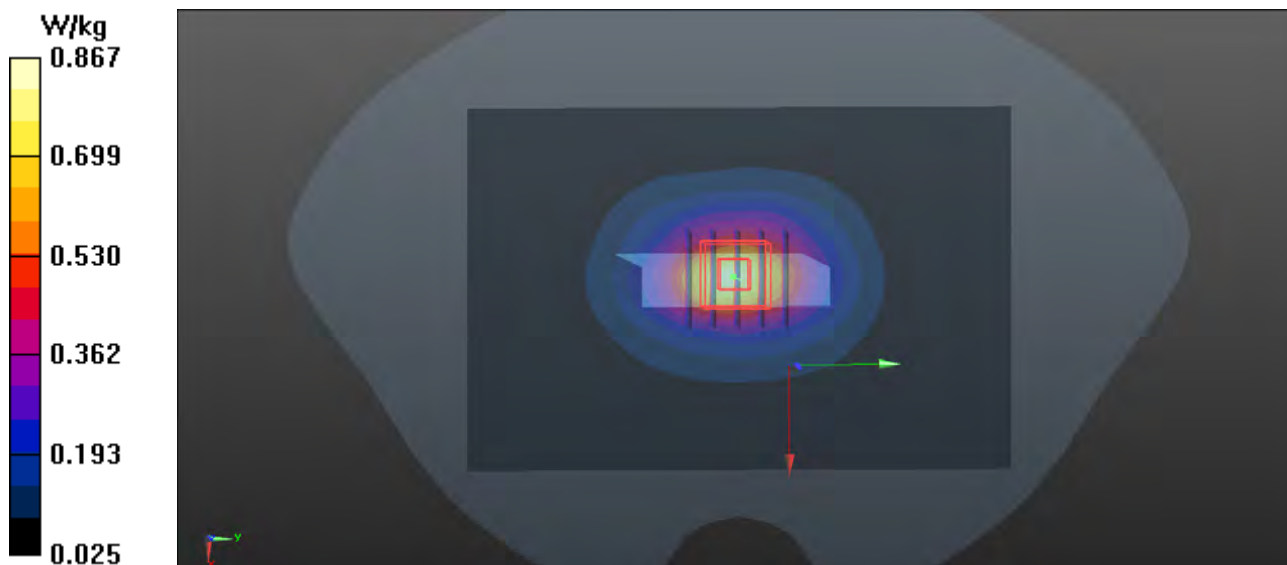
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.861 V/m; Power Drift = 0.04 dB

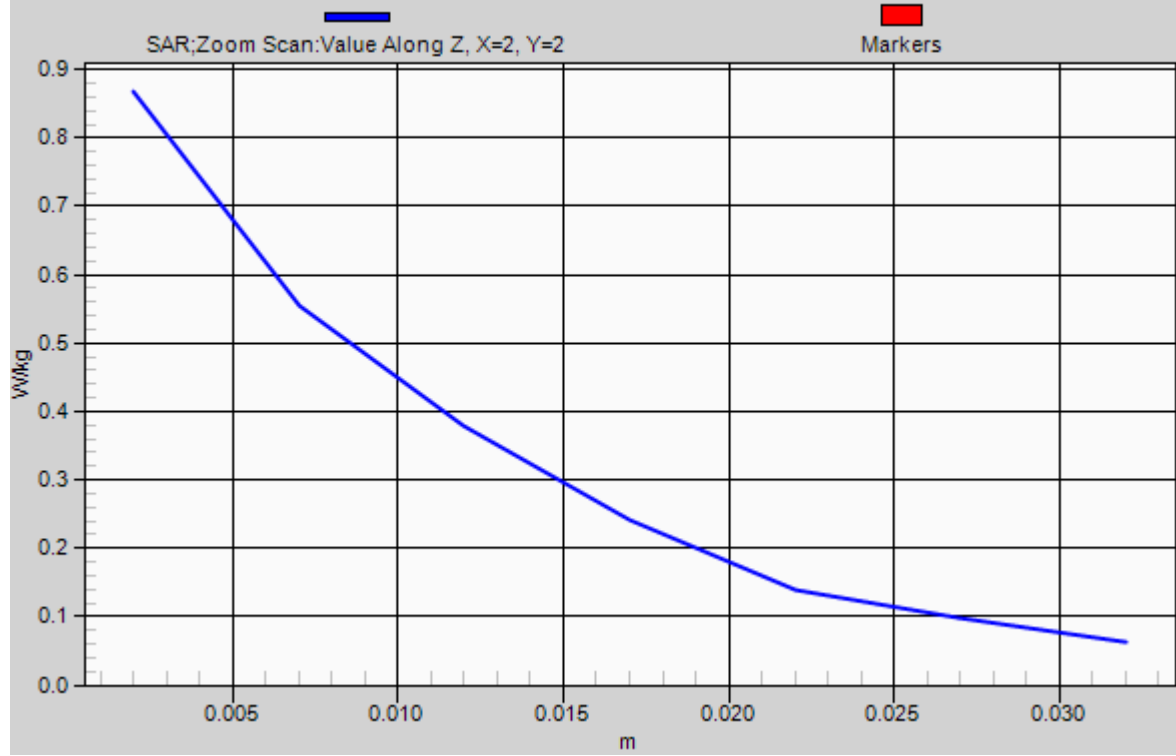
Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.659 W/kg; SAR(10 g) = 0.382 W/kg**

Maximum value of SAR (measured) = 0.867 W/kg



# 1g/10g Averaged SAR



### P30 GSM1900\_GPRS 12\_Front Face\_1cm\_Ch661\_Earphone

**DUT: 120927N007**

Communication System: GPRS12; Frequency: 1880 MHz; Duty Cycle: 1:1.99986

Medium: B1900\_1026 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.482$  mho/m;  $\epsilon_r = 53.619$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.33, 7.33, 7.33); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Ch661/Area Scan (61x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.859 W/kg

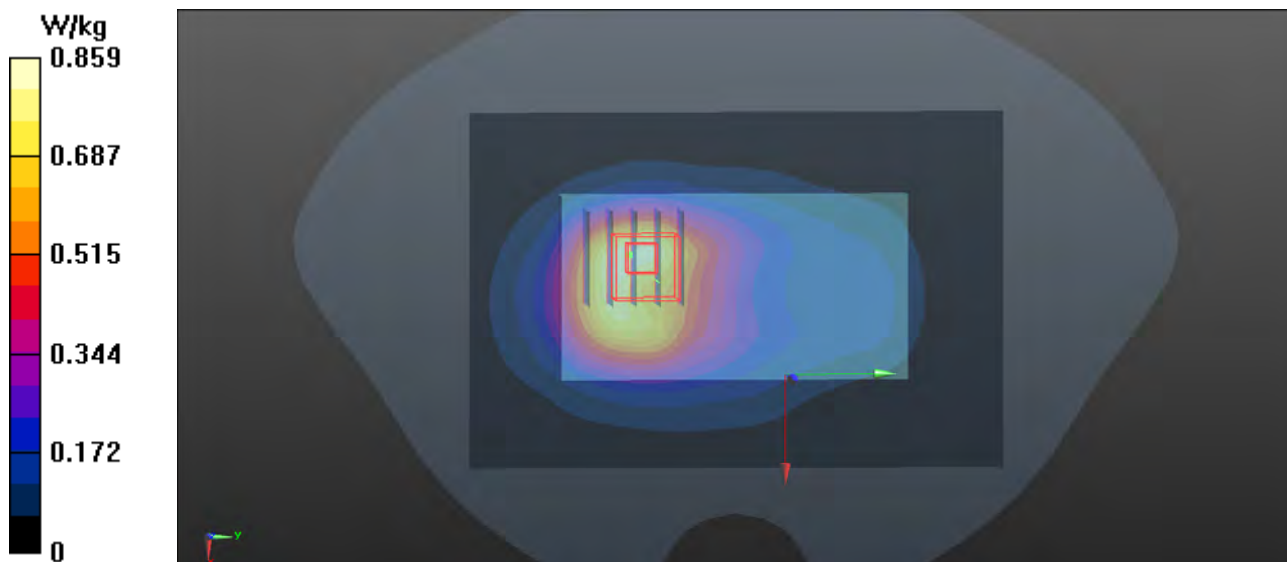
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.971 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.913 W/kg

**SAR(1 g) = 0.582 W/kg; SAR(10 g) = 0.364 W/kg**

Maximum value of SAR (measured) = 0.757 W/kg



### P31 GSM1900\_GPRS 12\_Rear Face\_1cm\_Ch661\_Earphone

**DUT: 120927N007**

Communication System: GPRS12; Frequency: 1880 MHz; Duty Cycle: 1:1.99986

Medium: B1900\_1026 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.482$  mho/m;  $\epsilon_r = 53.619$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.33, 7.33, 7.33); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Ch661/Area Scan (61x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.819 W/kg

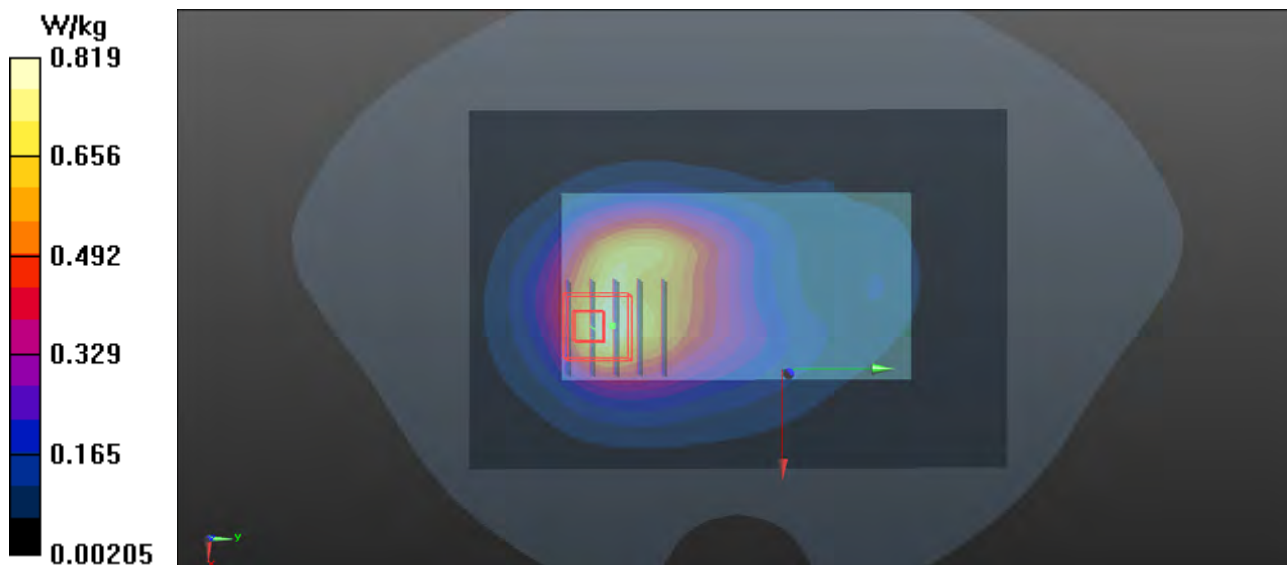
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.816 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.775 W/kg

**SAR(1 g) = 0.519 W/kg; SAR(10 g) = 0.317 W/kg**

Maximum value of SAR (measured) = 0.668 W/kg



## P32 WCDMA V\_RMC 12.2K\_Front Face\_1cm\_Ch4182

**DUT: 120927N007**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: B835\_1027 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.964$  mho/m;  $\epsilon_r = 53.617$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.9 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.23, 9.23, 9.23); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Ch4182/Area Scan (61x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.470 W/kg

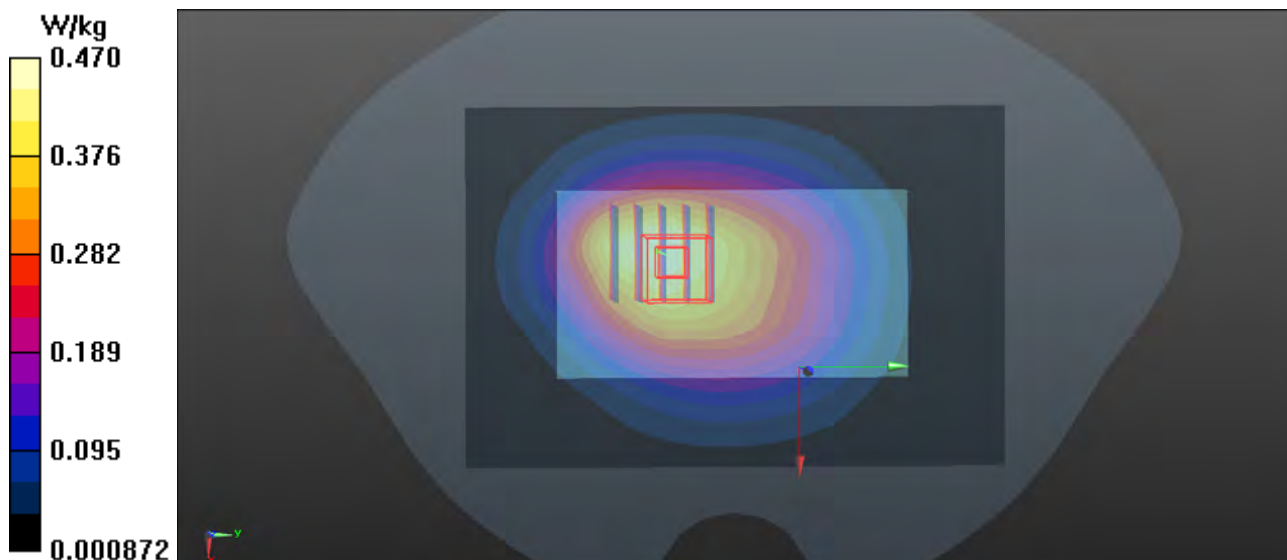
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.223 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.513 W/kg

**SAR(1 g) = 0.380 W/kg; SAR(10 g) = 0.279 W/kg**

Maximum value of SAR (measured) = 0.451 W/kg





### P33 WCDMA V\_RMC 12.2K\_Rear Face\_1cm\_Ch4182

**DUT: 120927N007**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: B835\_1027 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.964$  mho/m;  $\epsilon_r = 53.617$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.9 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.23, 9.23, 9.23); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Ch4182/Area Scan (61x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.748 W/kg

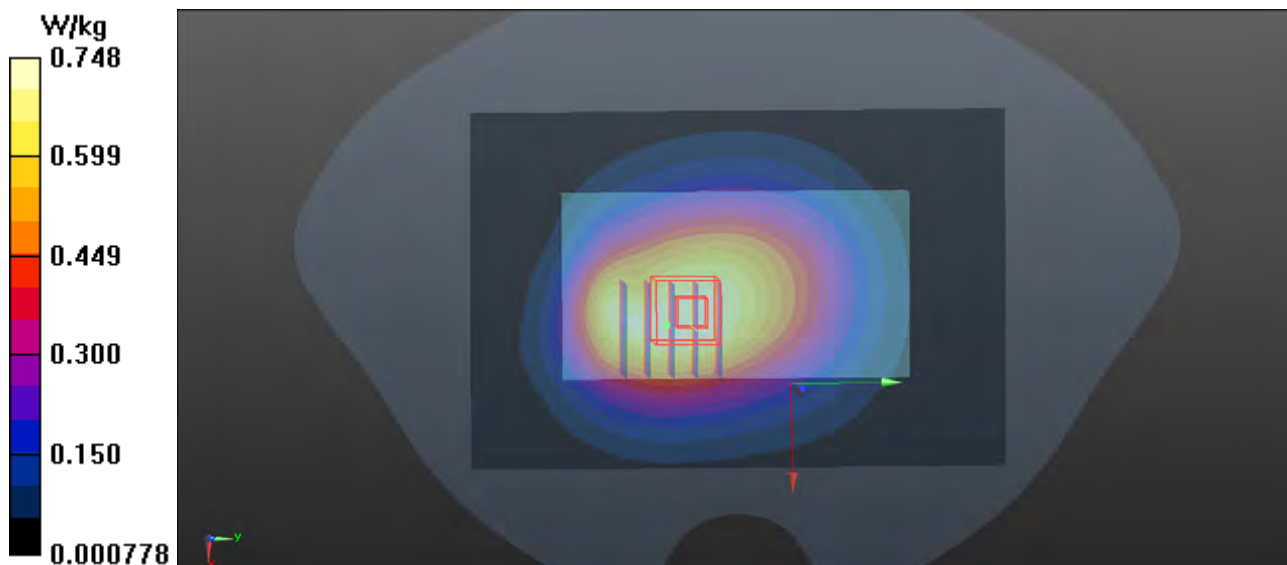
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.726 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.840 W/kg

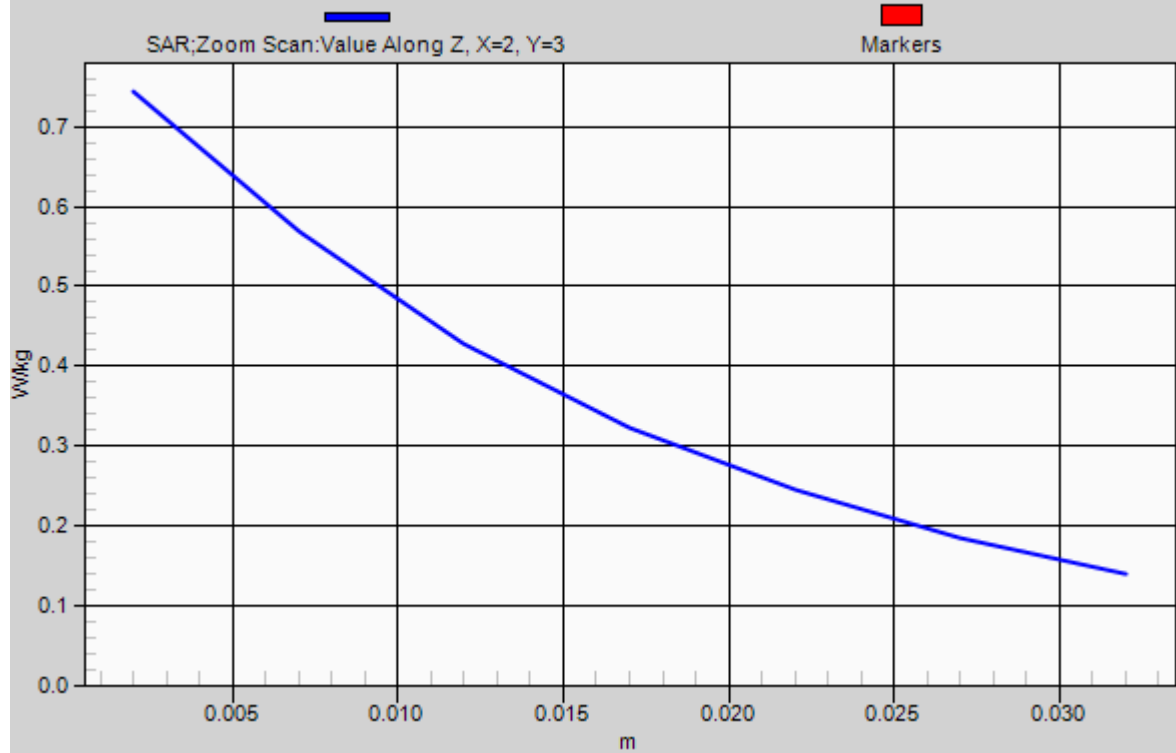
**SAR(1 g) = 0.645 W/kg; SAR(10 g) = 0.471 W/kg**

Maximum value of SAR (measured) = 0.744 W/kg





# 1g/10g Averaged SAR



### P34 WCDMA V\_RMC 12.2K\_Left Side\_1cm\_Ch4182

**DUT: 120927N007**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: B835\_1027 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.964$  mho/m;  $\epsilon_r = 53.617$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.9 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.23, 9.23, 9.23); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Ch4182/Area Scan (61x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.350 W/kg

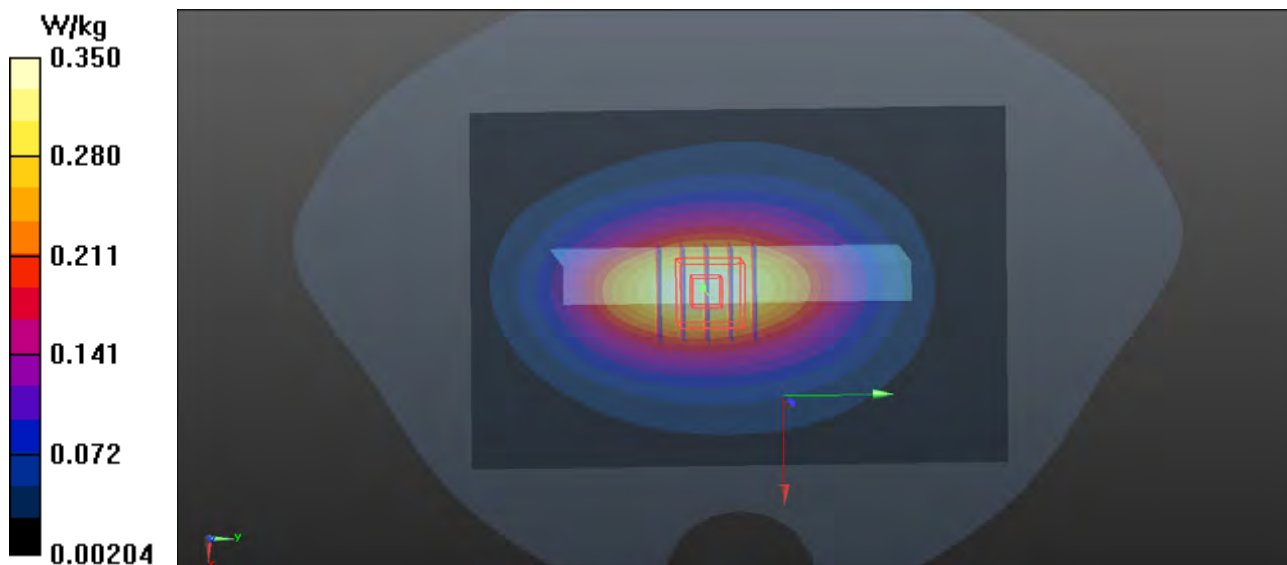
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.474 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.395 W/kg

**SAR(1 g) = 0.290 W/kg; SAR(10 g) = 0.203 W/kg**

Maximum value of SAR (measured) = 0.350 W/kg



### P35 WCDMA V\_RMC 12.2K\_Right Side\_1cm\_Ch4182

**DUT: 120927N007**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: B835\_1027 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.964$  mho/m;  $\epsilon_r = 53.617$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.9 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.23, 9.23, 9.23); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Ch4182/Area Scan (61x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.363 W/kg

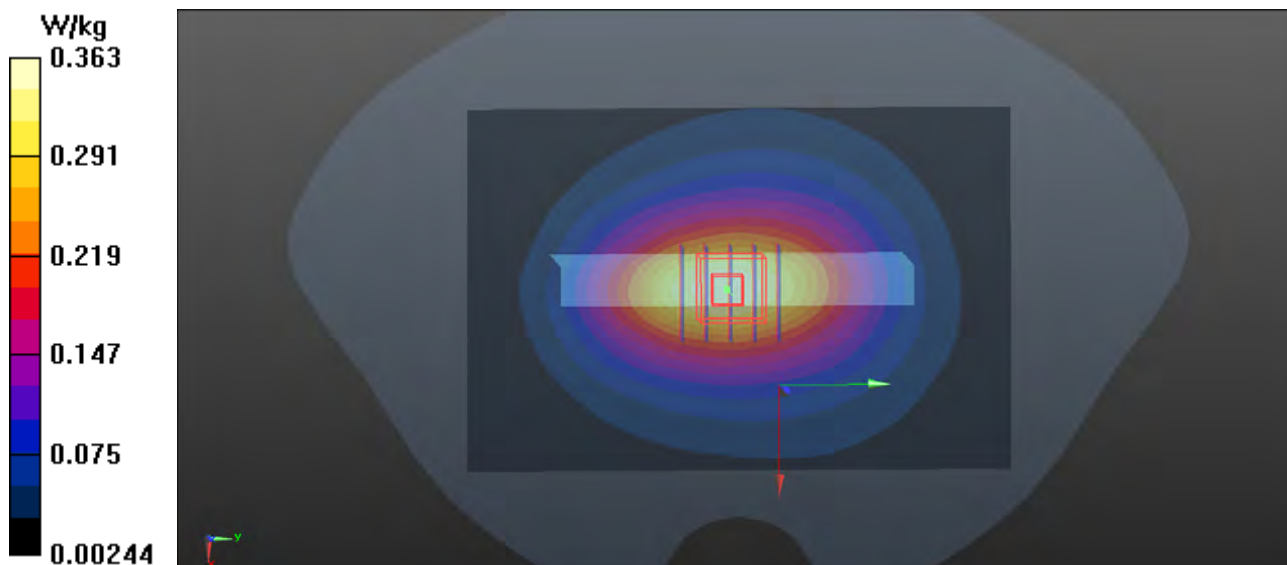
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.097 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.402 W/kg

**SAR(1 g) = 0.297 W/kg; SAR(10 g) = 0.212 W/kg**

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



### P36 WCDMA V\_RMC 12.2K\_Bottom Side\_1cm\_Ch4182

**DUT: 120927N007**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: B835\_1027 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.964$  mho/m;  $\epsilon_r = 53.617$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.9 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.23, 9.23, 9.23); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Ch4182/Area Scan (61x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0429 W/kg

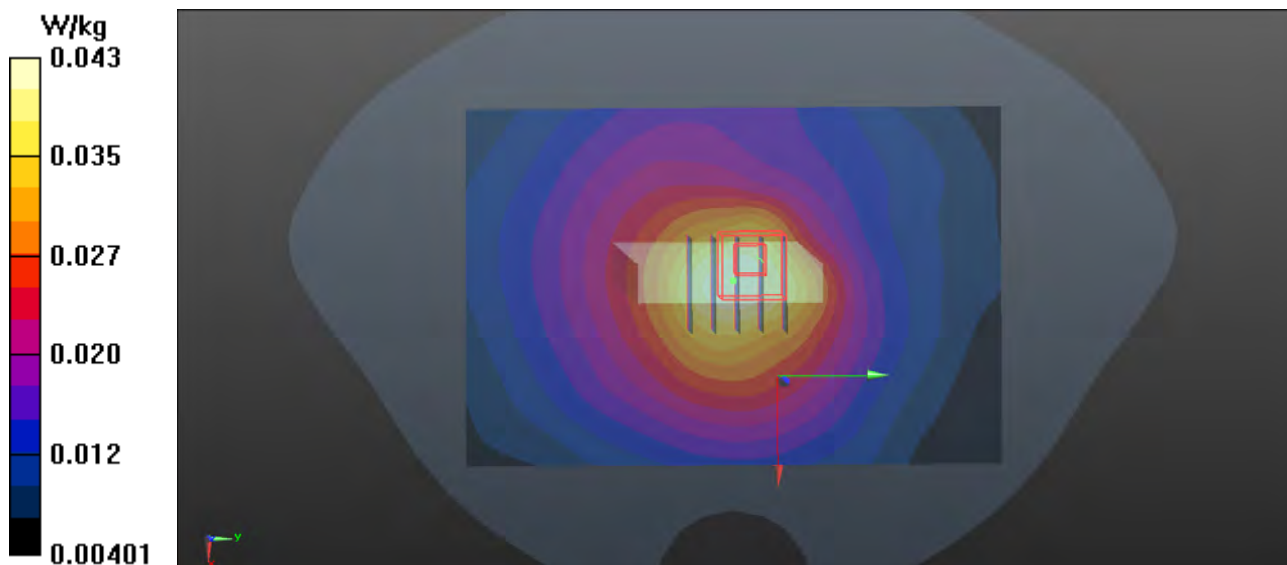
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.911 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.0680 W/kg

**SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.023 W/kg**

Maximum value of SAR (measured) = 0.0522 W/kg



### P37 WCDMA V\_RMC 12.2K\_Front Face \_1cm\_Ch4182\_Earphone

**DUT: 120927N007**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: B835\_1027 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.964$  mho/m;  $\epsilon_r = 53.617$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.9 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.23, 9.23, 9.23); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Ch4182/Area Scan (61x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.377 W/kg

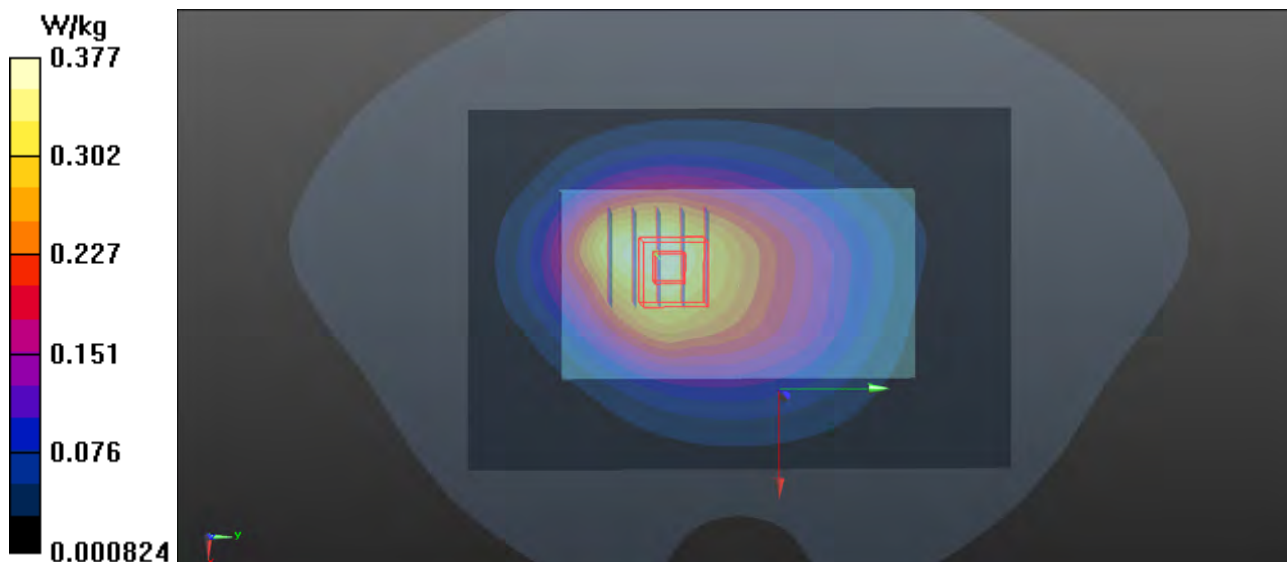
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.497 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.413 W/kg

**SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.215 W/kg**

Maximum value of SAR (measured) = 0.359 W/kg



### P38 WCDMA V\_RMC 12.2K\_Rear Face\_1cm\_Ch4182\_Earphone

**DUT: 120927N007**

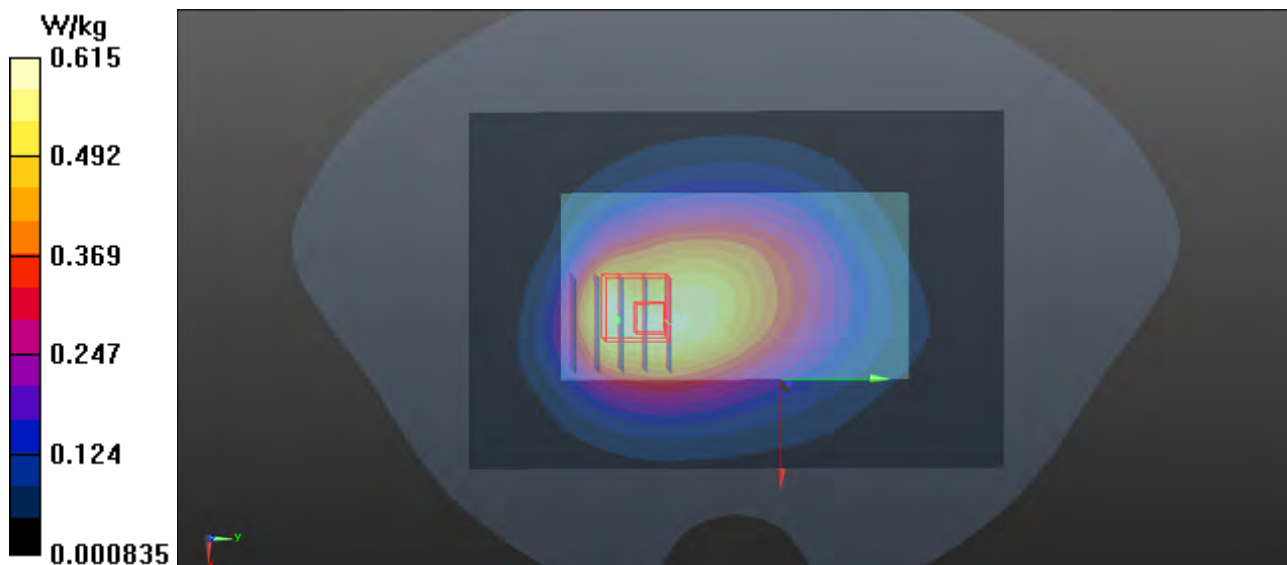
Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: B835\_1027 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.964$  mho/m;  $\epsilon_r = 53.617$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 21.9 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.23, 9.23, 9.23); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Ch4182/Area Scan (61x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.615 W/kg

**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 21.463 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 0.667 W/kg  
**SAR(1 g) = 0.447 W/kg; SAR(10 g) = 0.297 W/kg**  
Maximum value of SAR (measured) = 0.584 W/kg



### P39 WCDMA II\_RMC 12.2K\_Front Face\_1cm\_Ch9400

**DUT: 120927N007**

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

Medium: B1900\_1026 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.482$  mho/m;  $\epsilon_r = 53.619$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.33, 7.33, 7.33); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Ch9400/Area Scan (61x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.996 W/kg

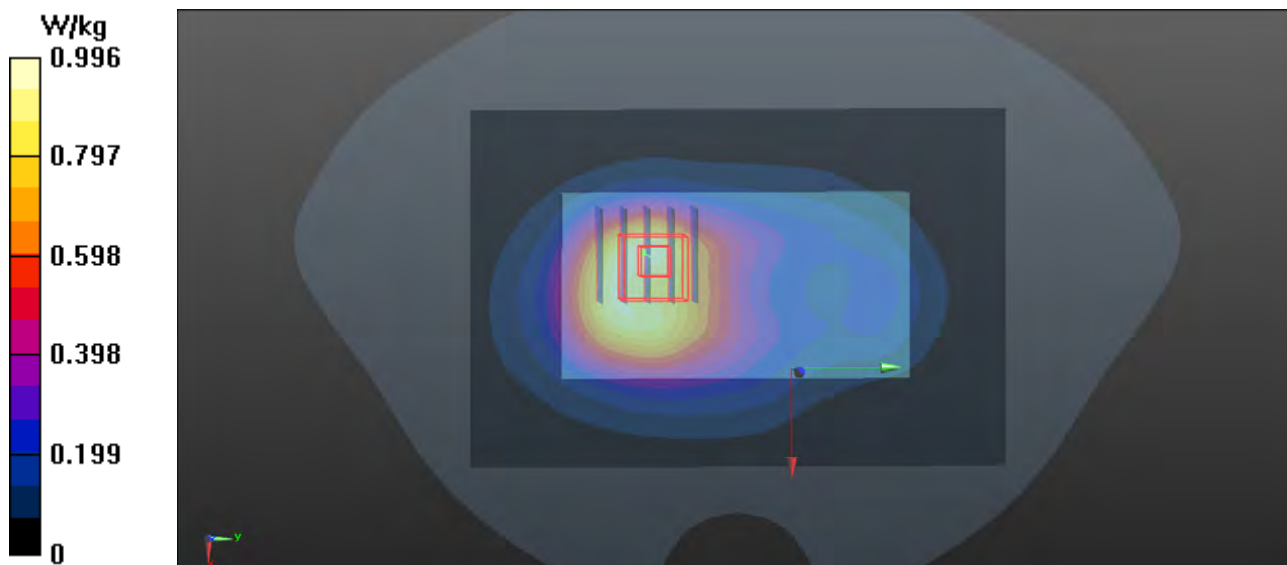
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.251 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.16 W/kg

**SAR(1 g) = 0.723 W/kg; SAR(10 g) = 0.452 W/kg**

Maximum value of SAR (measured) = 0.943 W/kg



### P40 WCDMA II\_RMC 12.2K\_Rear Face\_1cm\_\_Ch9400

**DUT: 120927N007**

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

Medium: B1900\_1026 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.482$  mho/m;  $\epsilon_r = 53.619$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.33, 7.33, 7.33); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Ch9400/Area Scan (61x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.04 W/kg

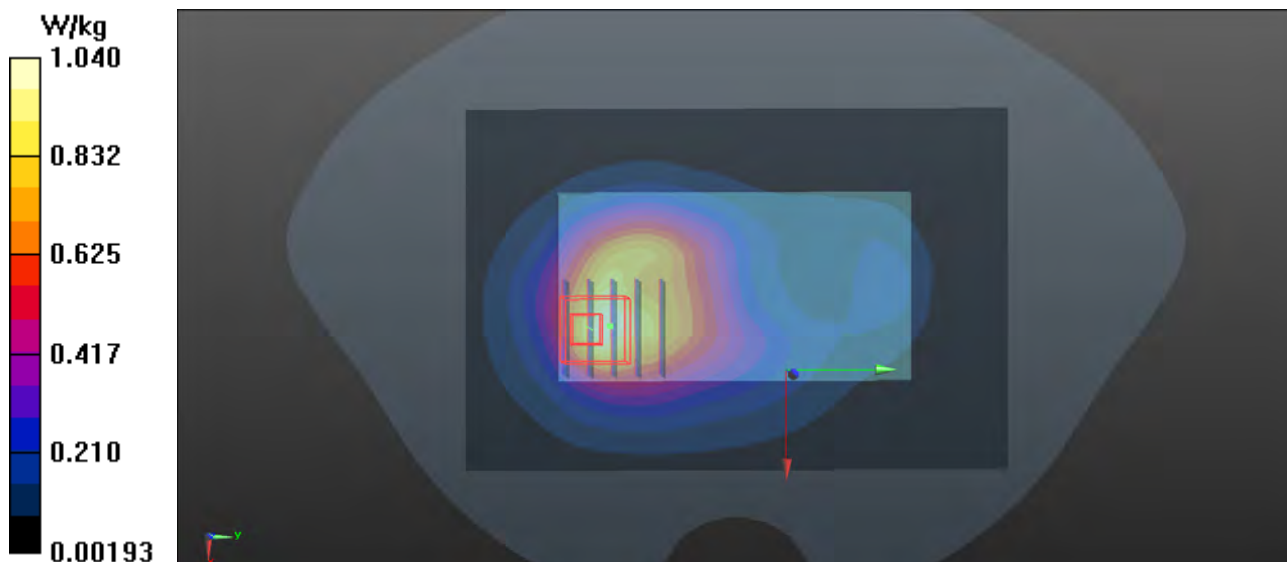
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.640 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.03 W/kg

**SAR(1 g) = 0.667 W/kg; SAR(10 g) = 0.401 W/kg**

Maximum value of SAR (measured) = 0.882 W/kg





### P41 WCDMA II\_RMC 12.2K\_Left Side\_1cm\_Ch9400

**DUT: 120927N007**

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

Medium: B1900\_1026 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.482$  mho/m;  $\epsilon_r = 53.619$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.33, 7.33, 7.33); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Ch9400/Area Scan (61x91x1):** Measurement grid: dx=20mm, dy=20mm

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

**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.603 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.283 W/kg

**SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.110 W/kg**

Maximum value of SAR (measured) = 0.233 W/kg

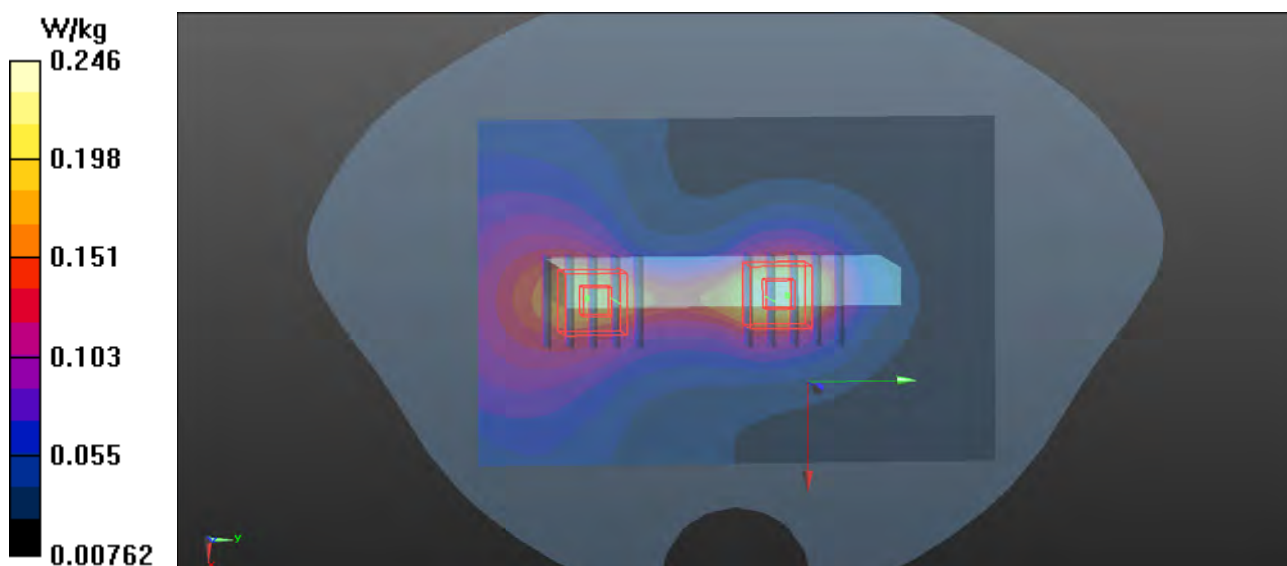
**Ch9400/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.603 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.246 W/kg

**SAR(1 g) = 0.158 W/kg; SAR(10 g) = 0.098 W/kg**

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



## P42 WCDMA II\_RMC 12.2K\_Right Side\_1cm\_Ch9400

**DUT: 120927N007**

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

Medium: B1900\_1026 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.482$  mho/m;  $\epsilon_r = 53.619$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.33, 7.33, 7.33); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Ch9400/Area Scan (61x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.251 W/kg

**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.439 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.294 W/kg

**SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.120 W/kg**

Maximum value of SAR (measured) = 0.247 W/kg

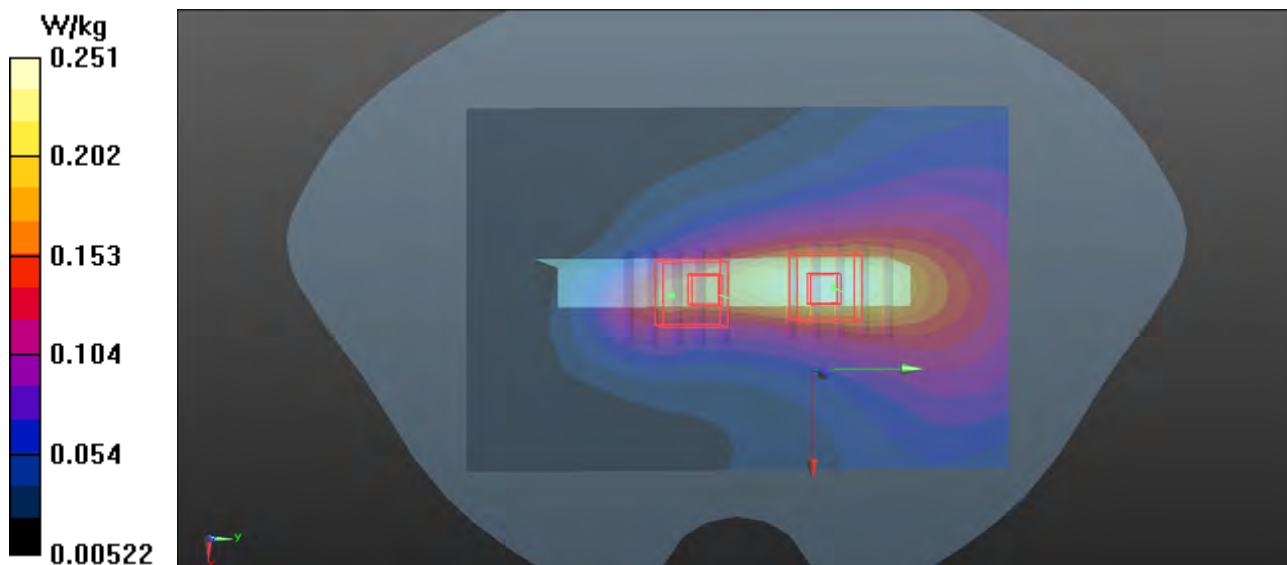
**Ch9400/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.439 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.209 W/kg

**SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.082 W/kg**

Maximum value of SAR (measured) = 0.175 W/kg



### P43 WCDMA II\_RMC 12.2K\_Bottom Side\_1cm\_Ch9400

**DUT: 120927N007**

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

Medium: B1900\_1026 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.482$  mho/m;  $\epsilon_r = 53.619$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.33, 7.33, 7.33); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Ch9400/Area Scan (61x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.915 W/kg

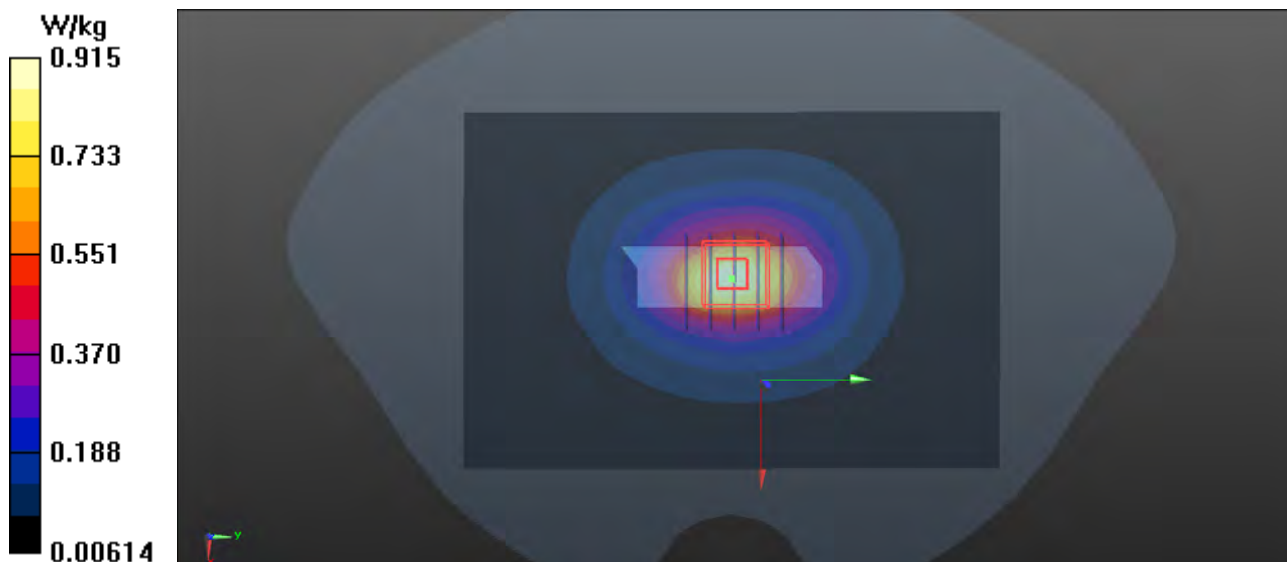
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.549 V/m; Power Drift = -0.03 dB

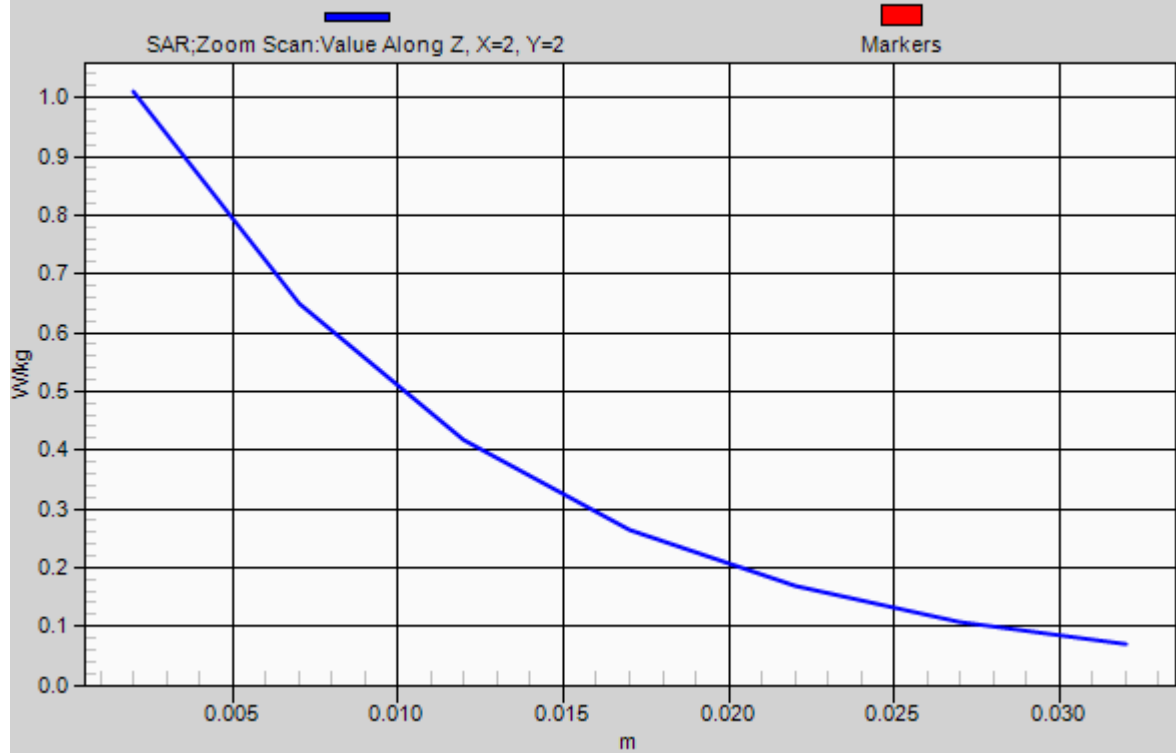
Peak SAR (extrapolated) = 1.22 W/kg

**SAR(1 g) = 0.766 W/kg; SAR(10 g) = 0.443 W/kg**

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



# 1g/10g Averaged SAR



## P44 WCDMA II\_RMC 12.2K\_Front Face\_1cm\_Ch9400\_Earphone

**DUT: 120927N007**

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

Medium: B1900\_1026 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.482$  mho/m;  $\epsilon_r = 53.619$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.33, 7.33, 7.33); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Ch9400/Area Scan (61x91x1):** Measurement grid: dx=20mm, dy=20mm

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

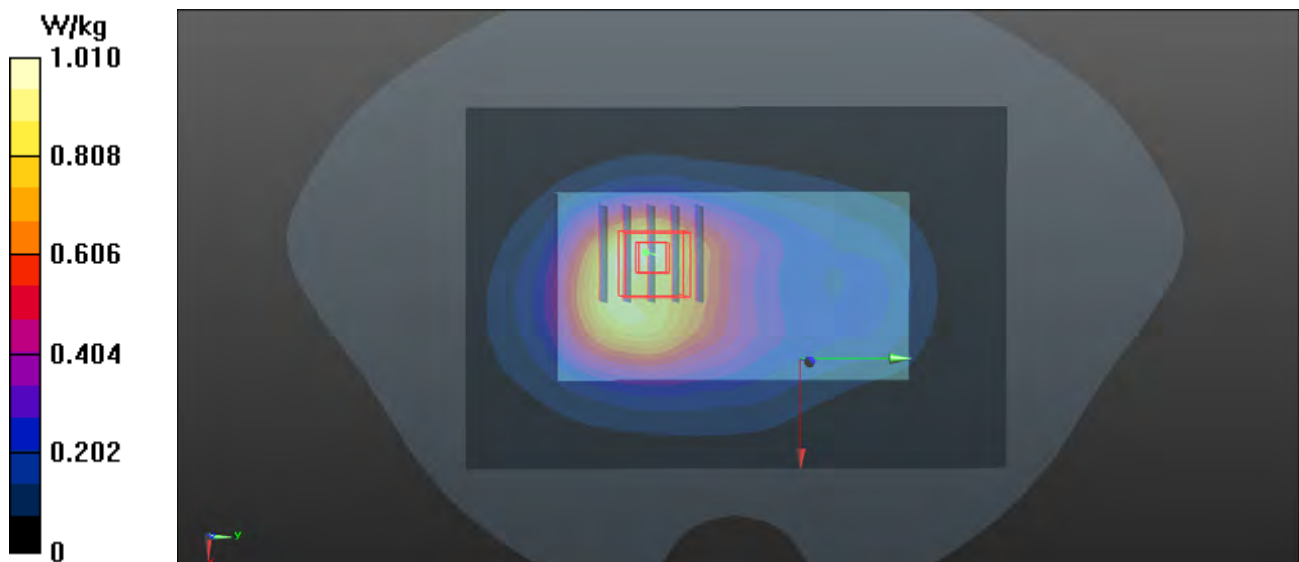
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.736 V/m; Power Drift = 0.01 dB

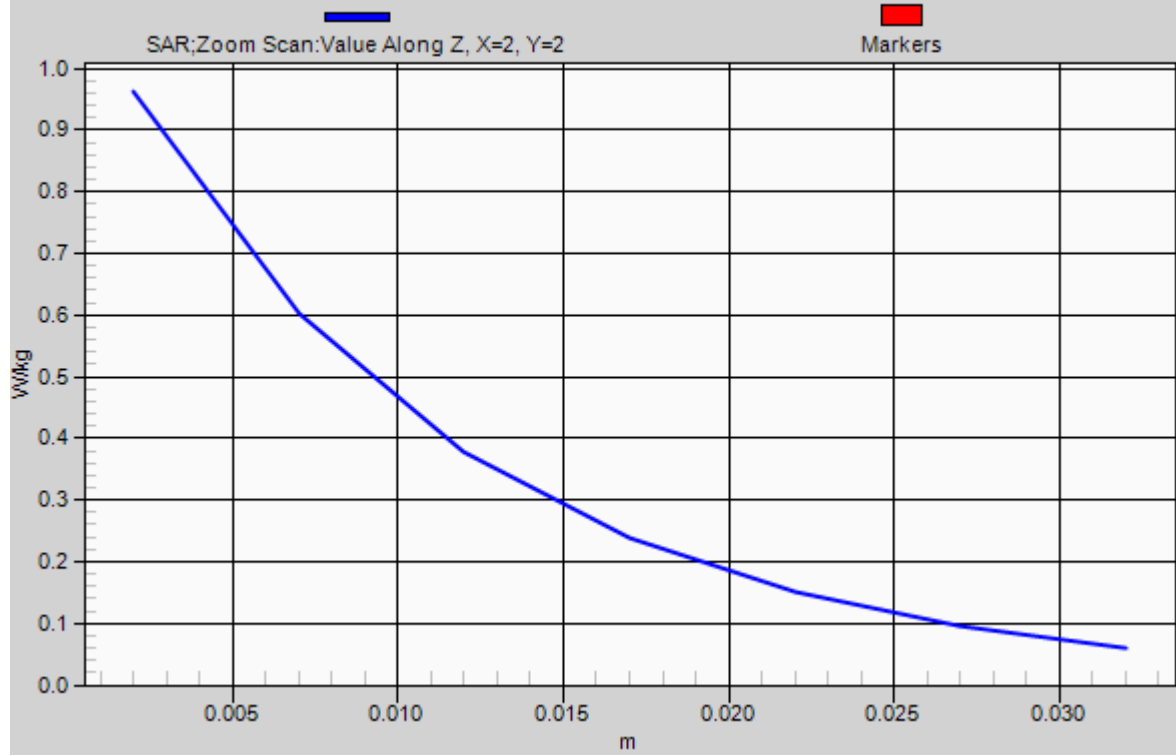
Peak SAR (extrapolated) = 1.17 W/kg

**SAR(1 g) = 0.735 W/kg; SAR(10 g) = 0.456 W/kg**

Maximum value of SAR (measured) = 0.962 W/kg



# 1g/10g Averaged SAR



### P45 WCDMA II\_RMC 12.2K\_Rear Face\_1cm\_Ch9400\_Earphone

**DUT: 120927N007**

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

Medium: B1900\_1026 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.482$  mho/m;  $\epsilon_r = 53.619$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.33, 7.33, 7.33); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Ch9400/Area Scan (61x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.00 W/kg

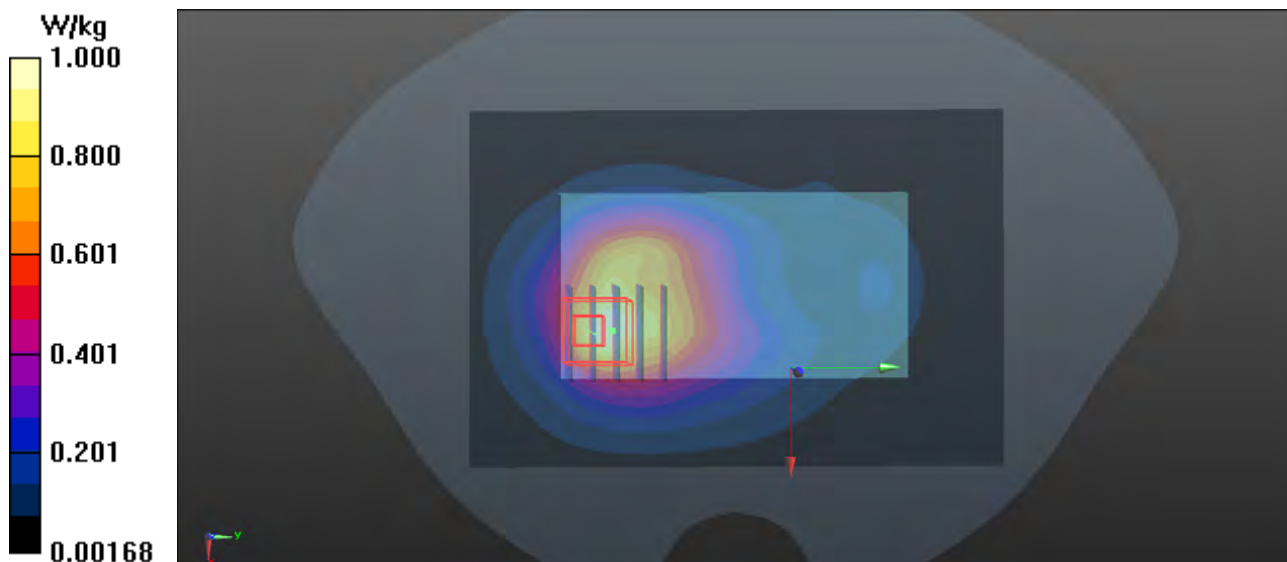
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.240 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.998 W/kg

**SAR(1 g) = 0.645 W/kg; SAR(10 g) = 0.388 W/kg**

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



### P105 802.11b\_Front Face\_1cm\_Ch1

**DUT: 120927N007**

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450\_1026 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.861$  mho/m;  $\epsilon_r = 51.358$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(6.96, 6.96, 6.96); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Ch1/Area Scan (61x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0219 W/kg

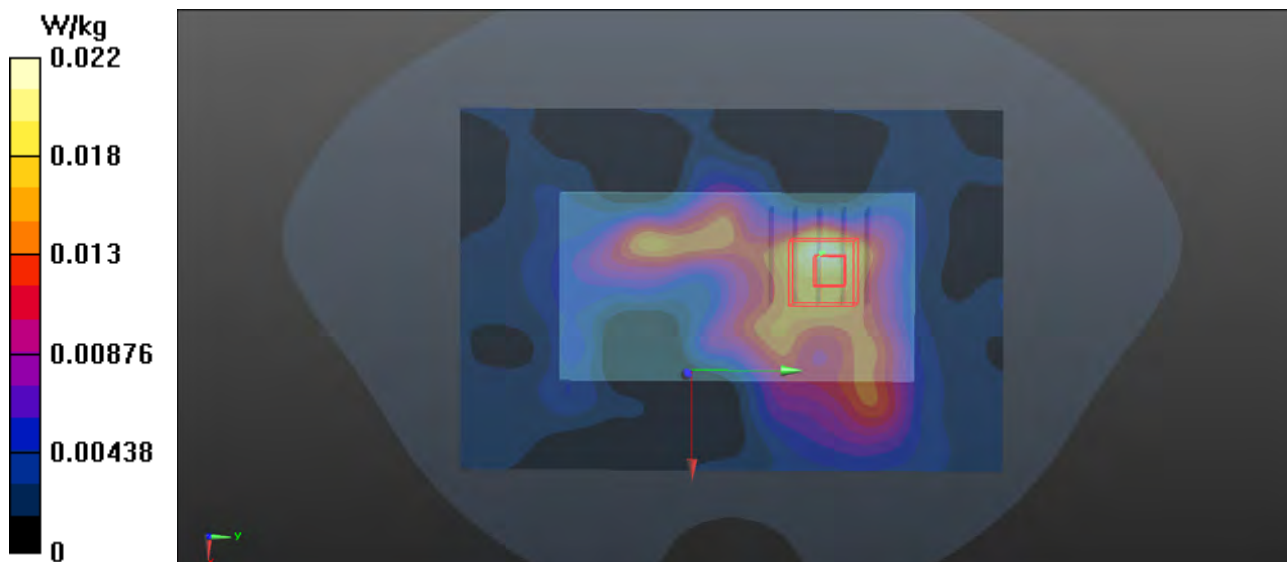
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.042 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.0240 W/kg

**SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00775 W/kg**

Maximum value of SAR (measured) = 0.0176 W/kg





### P106 802.11b\_Rear Face\_1cm\_Ch1

**DUT: 120927N007**

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450\_1026 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.861$  mho/m;  $\epsilon_r = 51.358$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(6.96, 6.96, 6.96); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Ch1/Area Scan (61x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0676 W/kg

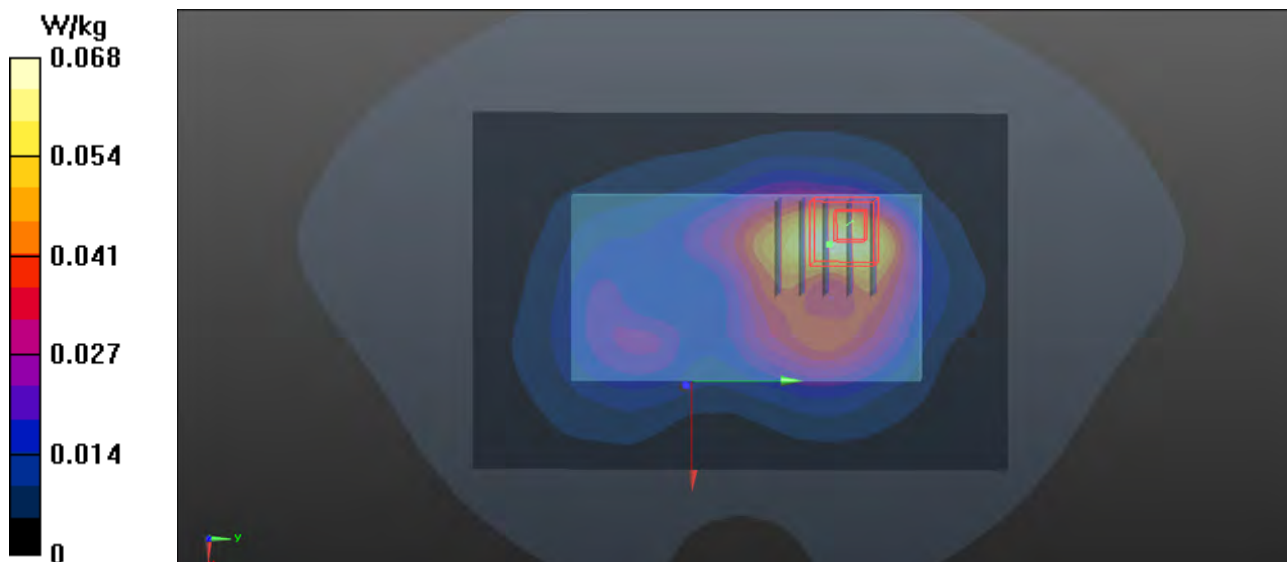
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.617 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.100 W/kg

**SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.024 W/kg**

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



### P107 802.11b\_Right Side\_1cm\_Ch1

**DUT: 120927N007**

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450\_1026 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.861$  mho/m;  $\epsilon_r = 51.358$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(6.96, 6.96, 6.96); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Ch1/Area Scan (61x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0483 W/kg

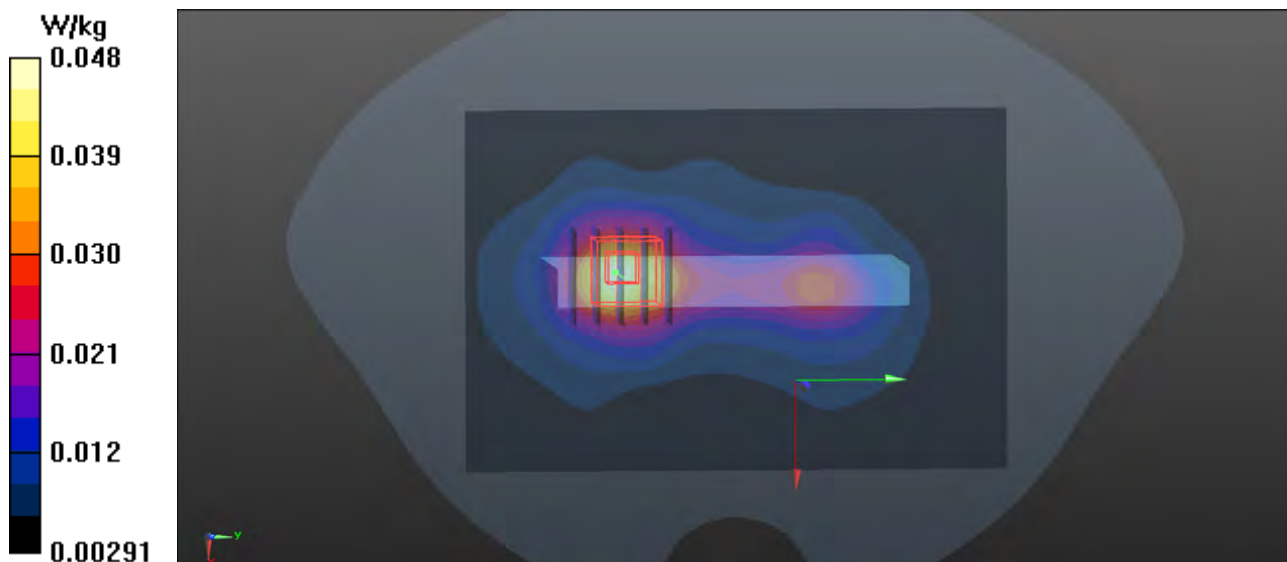
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.751 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0620 W/kg

**SAR(1 g) = 0.035 W/kg; SAR(10 g) = 0.020 W/kg**

Maximum value of SAR (measured) = 0.0478 W/kg



### P108 802.11b\_Top Side\_1cm\_Ch1

**DUT: 120927N007**

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450\_1026 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.861$  mho/m;  $\epsilon_r = 51.358$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(6.96, 6.96, 6.96); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Ch1/Area Scan (61x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0141 W/kg

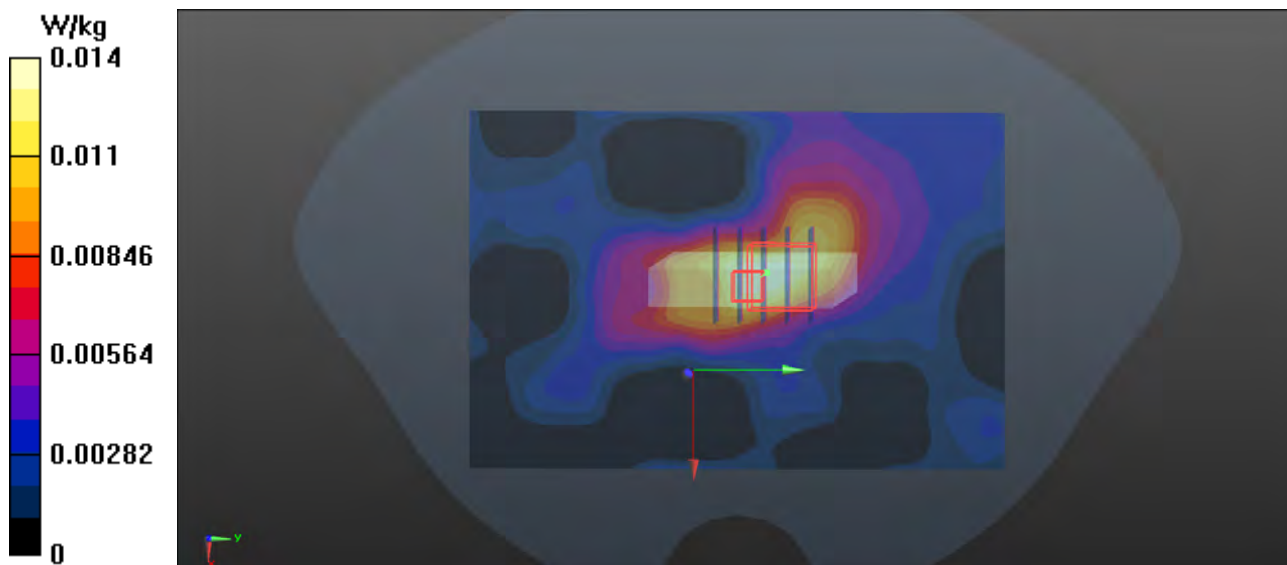
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.258 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.0170 W/kg

**SAR(1 g) = 0.0096 W/kg; SAR(10 g) = 0.00519 W/kg**

Maximum value of SAR (measured) = 0.0130 W/kg



### P109 802.11b\_Front Face\_1cm\_Ch1\_Earphone

**DUT: 120927N007**

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450\_1026 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.861$  mho/m;  $\epsilon_r = 51.358$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(6.96, 6.96, 6.96); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Ch1/Area Scan (61x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0163 W/kg

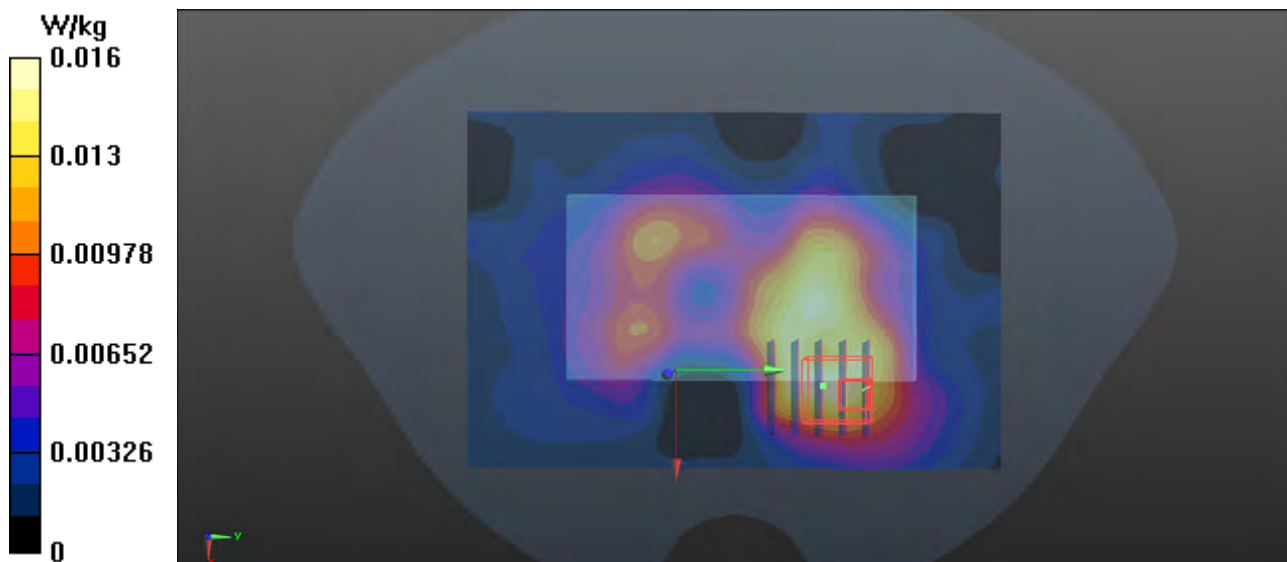
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.751 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0200 W/kg

**SAR(1 g) = 0.010 W/kg; SAR(10 g) = 0.00576 W/kg**

Maximum value of SAR (measured) = 0.0152 W/kg



## P110 802.11b\_Rear Face\_1cm\_Ch1\_Earphone

**DUT: 120927N007**

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450\_1026 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.861$  mho/m;  $\epsilon_r = 51.358$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(6.96, 6.96, 6.96); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Ch1/Area Scan (61x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0818 W/kg

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

Reference Value = 3.705 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.113 W/kg

**SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.029 W/kg**

Maximum value of SAR (measured) = 0.0865 W/kg



# 1g/10g Averaged SAR

