

#18 GSM850_Right Cheek_Ch189_Battery1

DUT: 112819-02

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: HSL_850_110308 Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.901 \text{ mho/m}$; $\epsilon_r =$

40.2 ; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.8 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.23, 6.23, 6.23); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch189/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.192 mW/g

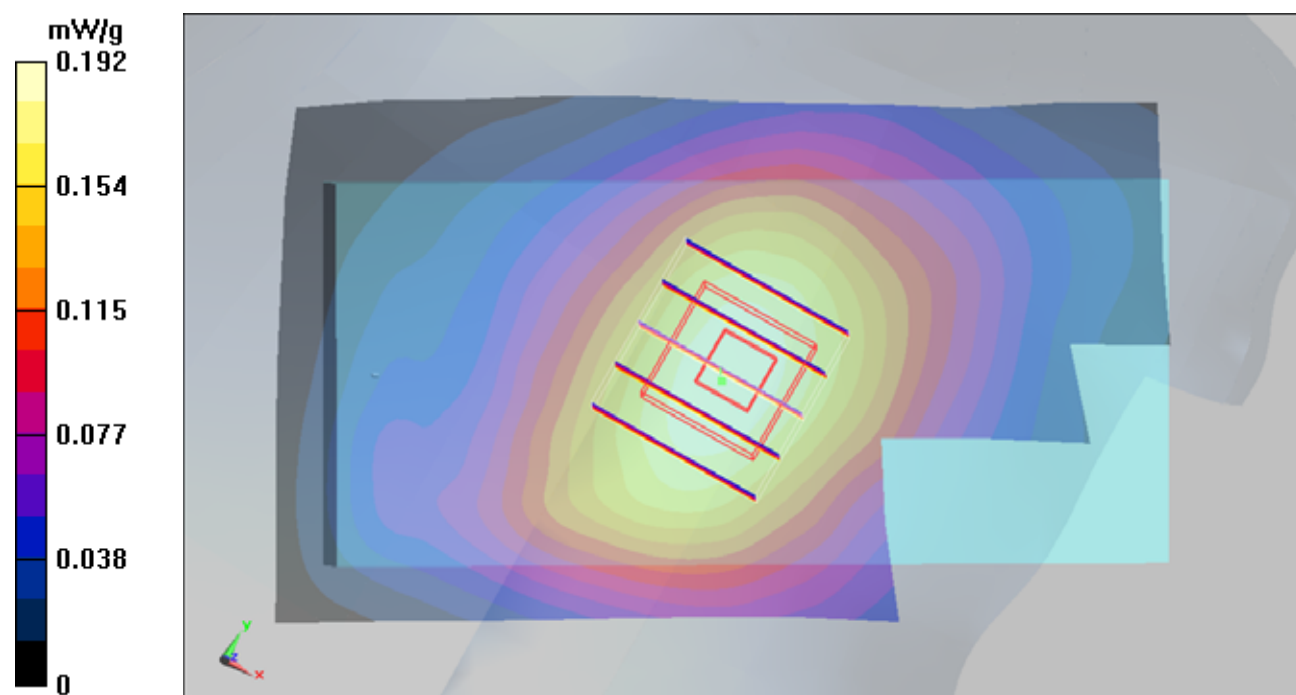
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.63 V/m ; Power Drift = 0.103 dB

Peak SAR (extrapolated) = 0.243 W/kg

SAR(1 g) = 0.201 mW/g ; SAR(10 g) = 0.152 mW/g

Maximum value of SAR (measured) = 0.213 mW/g



#20 GSM850_Right Tilted_Ch189_Battery1

DUT: 112819-02

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: HSL_850_110308 Medium parameters used : $f = 836.4 \text{ MHz}$; $\sigma = 0.901 \text{ mho/m}$; $\epsilon_r =$

40.2 ; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.23, 6.23, 6.23); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch189/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.145 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.5 V/m ; Power Drift = 0.162 dB

Peak SAR (extrapolated) = 0.160 W/kg

SAR(1 g) = 0.133 mW/g ; SAR(10 g) = 0.103 mW/g

Maximum value of SAR (measured) = 0.140 mW/g

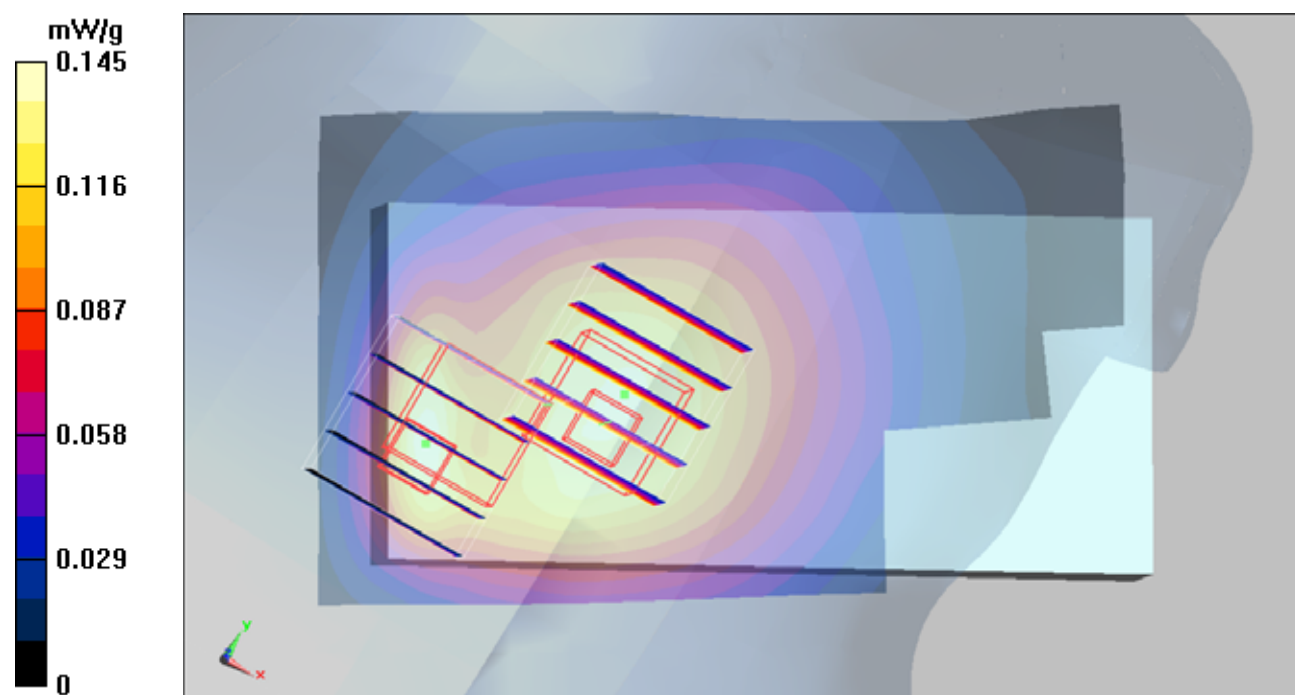
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.5 V/m ; Power Drift = 0.162 dB

Peak SAR (extrapolated) = 0.215 W/kg

SAR(1 g) = 0.108 mW/g ; SAR(10 g) = 0.078 mW/g

Maximum value of SAR (measured) = 0.122 mW/g



#21 GSM850_Left Cheek_Ch189_Battery1

DUT: 112819-02

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: HSL_850_110308 Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.901 \text{ mho/m}$; $\epsilon_r =$

40.2 ; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.23, 6.23, 6.23); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch189/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.212 mW/g

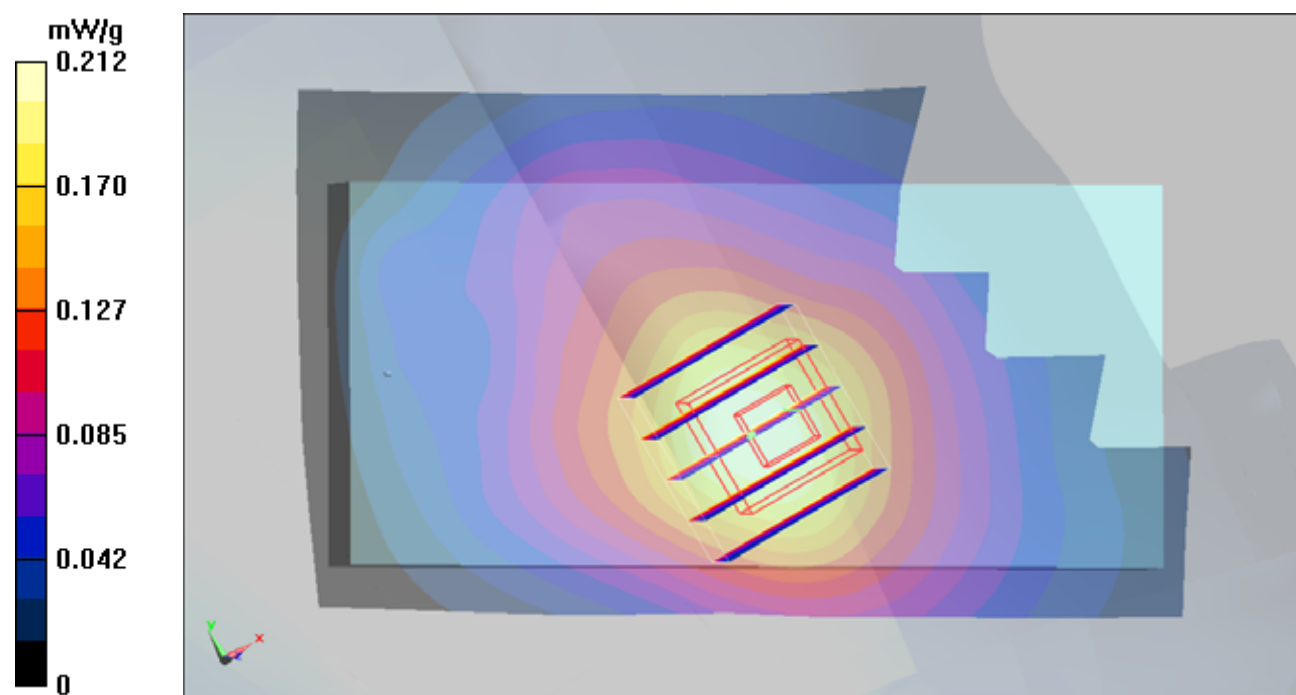
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.07 V/m ; Power Drift = -0.075 dB

Peak SAR (extrapolated) = 0.269 W/kg

SAR(1 g) = 0.204 mW/g ; SAR(10 g) = 0.146 mW/g

Maximum value of SAR (measured) = 0.216 mW/g



#21 GSM850_Left Cheek_Ch189_Battery1_2D

DUT: 112819-02

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: HSL_850_110308 Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.901 \text{ mho/m}$; $\epsilon_r =$

40.2 ; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.23, 6.23, 6.23); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch189/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.212 mW/g

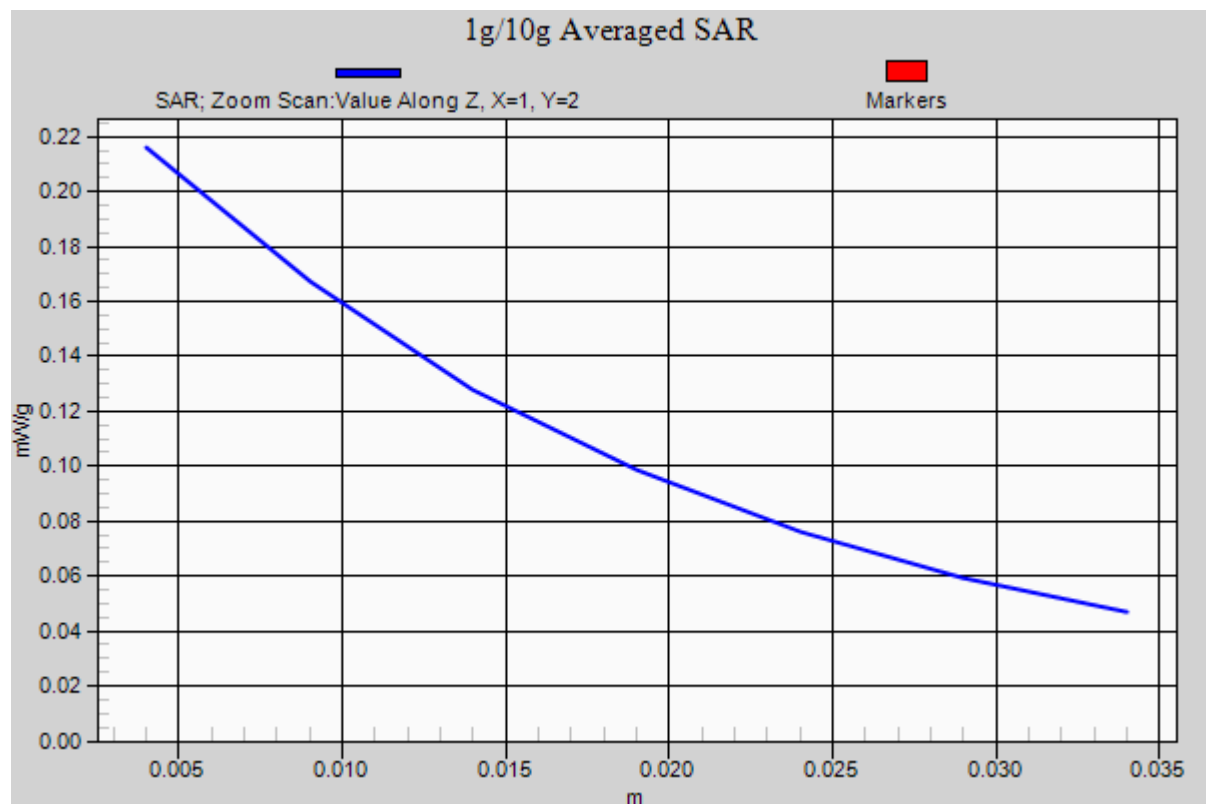
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.07 V/m ; Power Drift = -0.075 dB

Peak SAR (extrapolated) = 0.269 W/kg

SAR(1 g) = 0.204 mW/g ; SAR(10 g) = 0.146 mW/g

Maximum value of SAR (measured) = 0.216 mW/g



#22 GSM850_Left Tilted_Ch189_Battery1

DUT: 112819-02

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: HSL_850_110308 Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.901 \text{ mho/m}$; $\epsilon_r =$

40.2 ; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.23, 6.23, 6.23); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch189/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.118 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.83 V/m ; Power Drift = 0.145 dB

Peak SAR (extrapolated) = 0.130 W/kg

SAR(1 g) = 0.107 mW/g ; SAR(10 g) = 0.082 mW/g

Maximum value of SAR (measured) = 0.114 mW/g

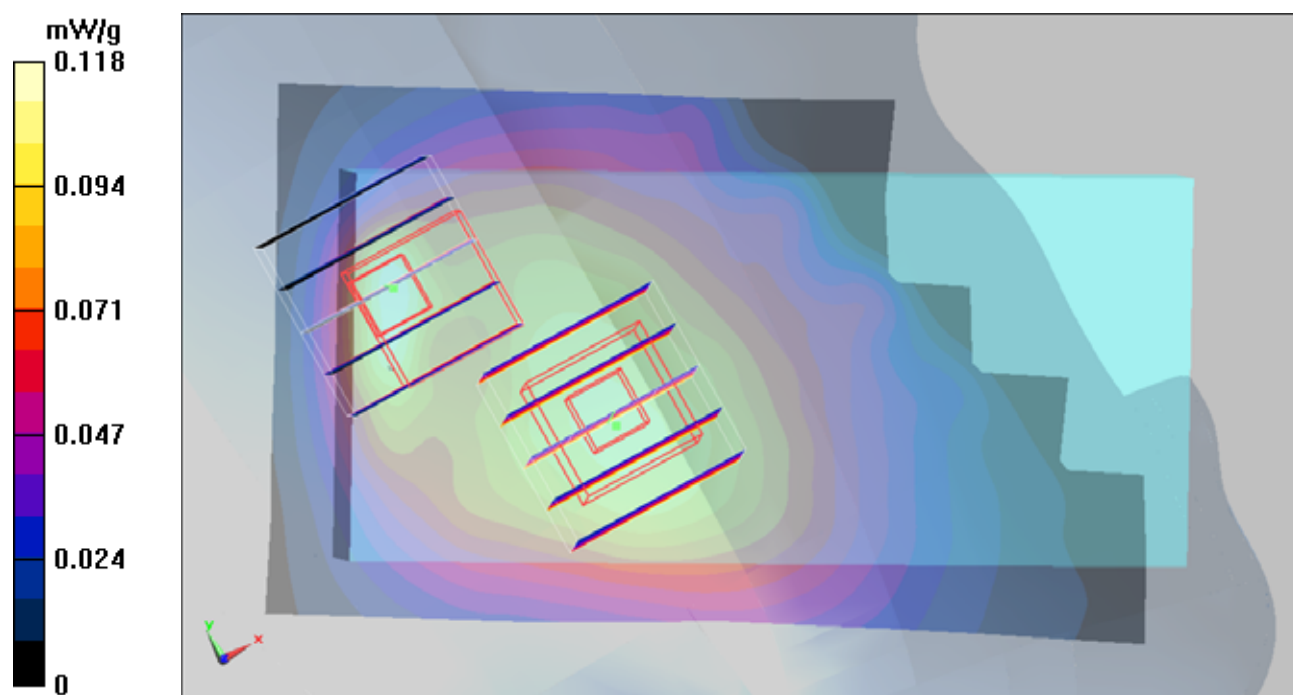
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.83 V/m ; Power Drift = 0.145 dB

Peak SAR (extrapolated) = 0.189 W/kg

SAR(1 g) = 0.092 mW/g ; SAR(10 g) = 0.061 mW/g

Maximum value of SAR (measured) = 0.106 mW/g



#28 GSM1900_Right Cheek_Ch661_Battery1

DUT: 112819-02

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_110308 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.41 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.7 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.074 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.92 V/m ; Power Drift = 0.169 dB

Peak SAR (extrapolated) = 0.111 W/kg

SAR(1 g) = 0.069 mW/g ; SAR(10 g) = 0.042 mW/g

Maximum value of SAR (measured) = 0.076 mW/g

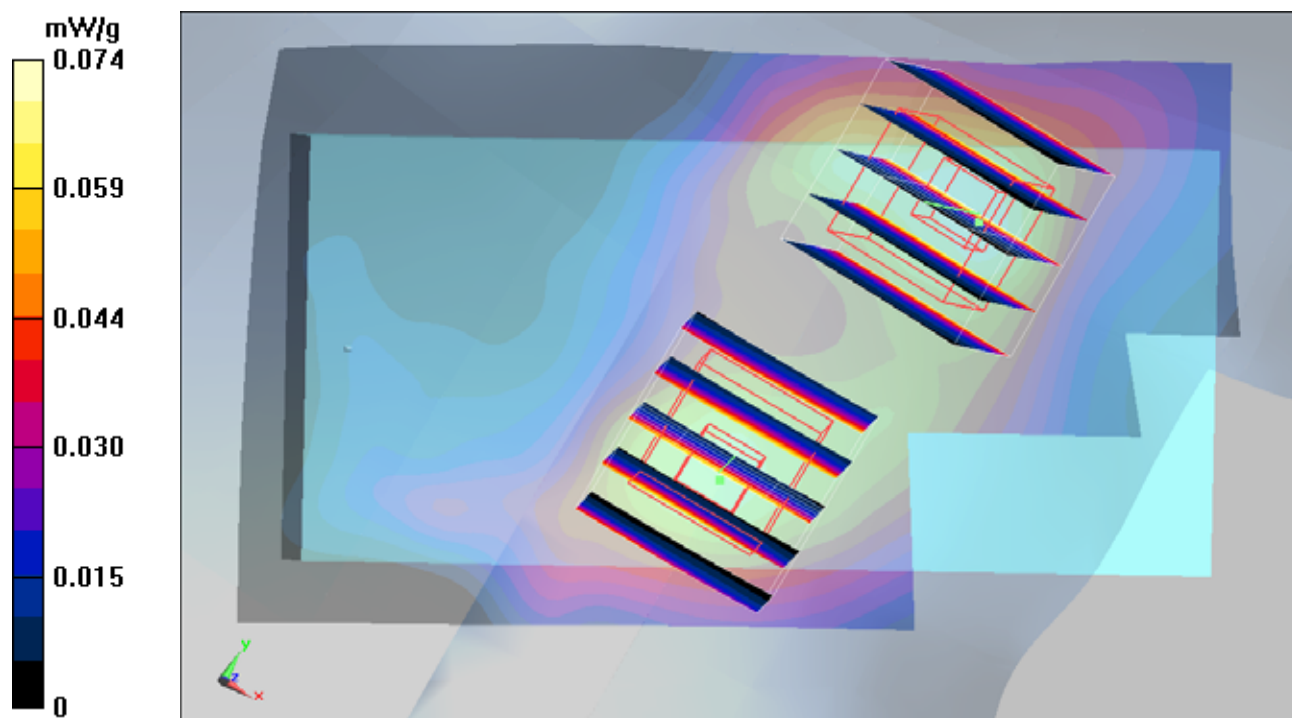
Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.92 V/m ; Power Drift = 0.169 dB

Peak SAR (extrapolated) = 0.095 W/kg

SAR(1 g) = 0.066 mW/g ; SAR(10 g) = 0.043 mW/g

Maximum value of SAR (measured) = 0.071 mW/g



#30 GSM1900_Right Tilted_Ch661_Battery1

DUT: 112819-02

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_110308 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.41 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.7°C ; Liquid Temperature : 21.6°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.052 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.14 V/m ; Power Drift = -0.142 dB

Peak SAR (extrapolated) = 0.088 W/kg

SAR(1 g) = 0.049 mW/g ; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.052 mW/g

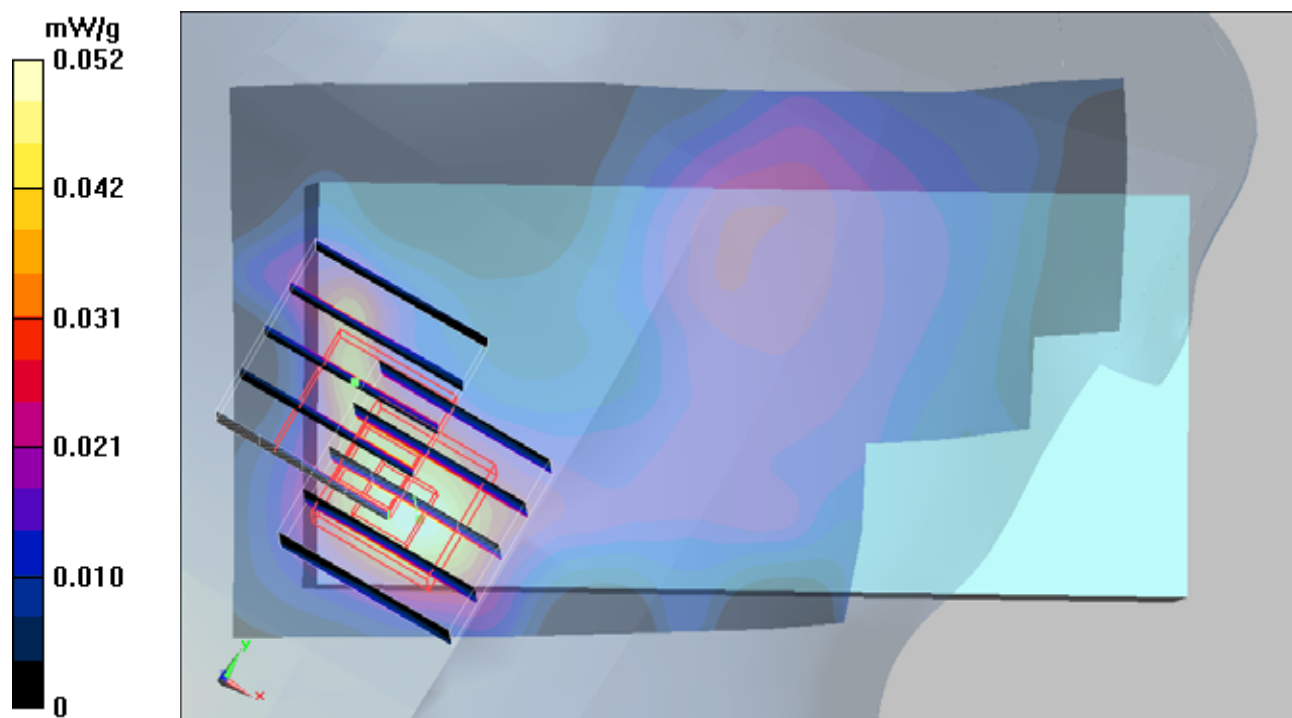
Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.14 V/m ; Power Drift = -0.142 dB

Peak SAR (extrapolated) = 0.093 W/kg

SAR(1 g) = 0.043 mW/g ; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.058 mW/g



#31 GSM1900_Left Cheek_Ch661_Battery1

DUT: 112819-02

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_110308 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.41 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.7 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.136 mW/g

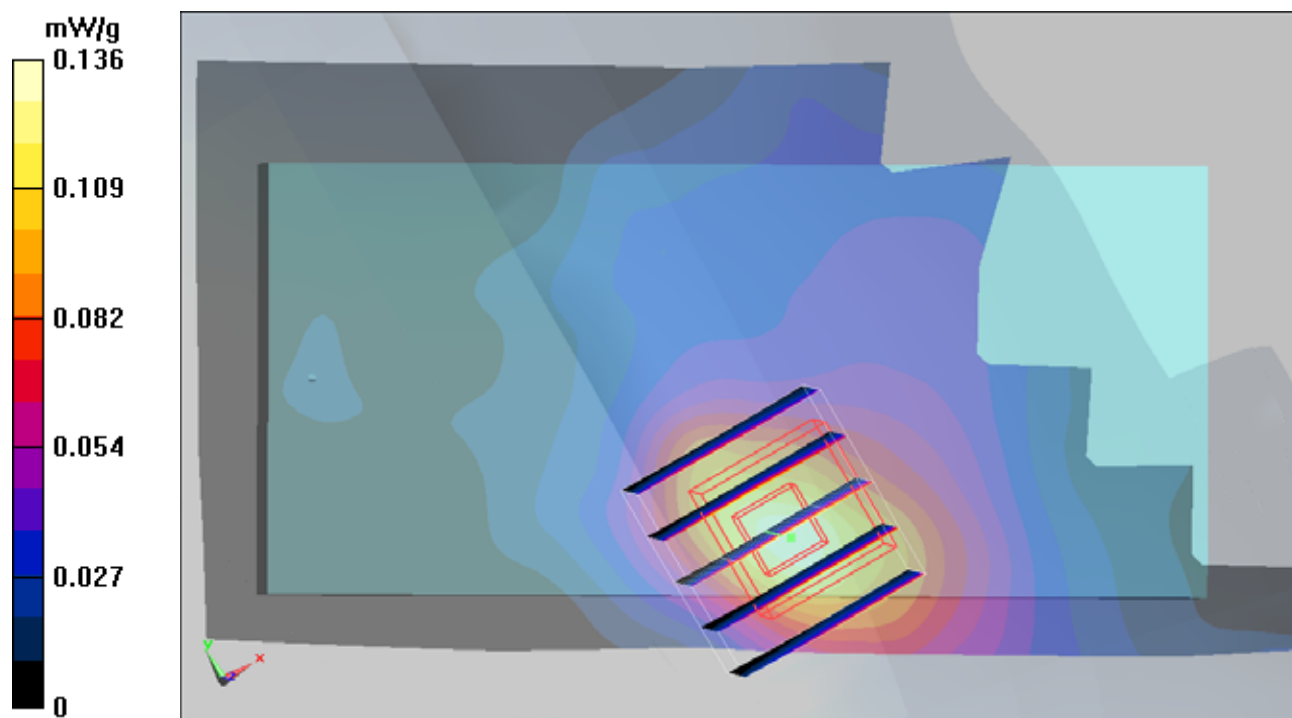
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.63 V/m ; Power Drift = 0.122 dB

Peak SAR (extrapolated) = 0.170 W/kg

SAR(1 g) = 0.112 mW/g ; SAR(10 g) = 0.068 mW/g

Maximum value of SAR (measured) = 0.123 mW/g



#31 GSM1900_Left Cheek_Ch661_Battery1_2D

DUT: 112819-02

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_110308 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.41 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.7 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.136 mW/g

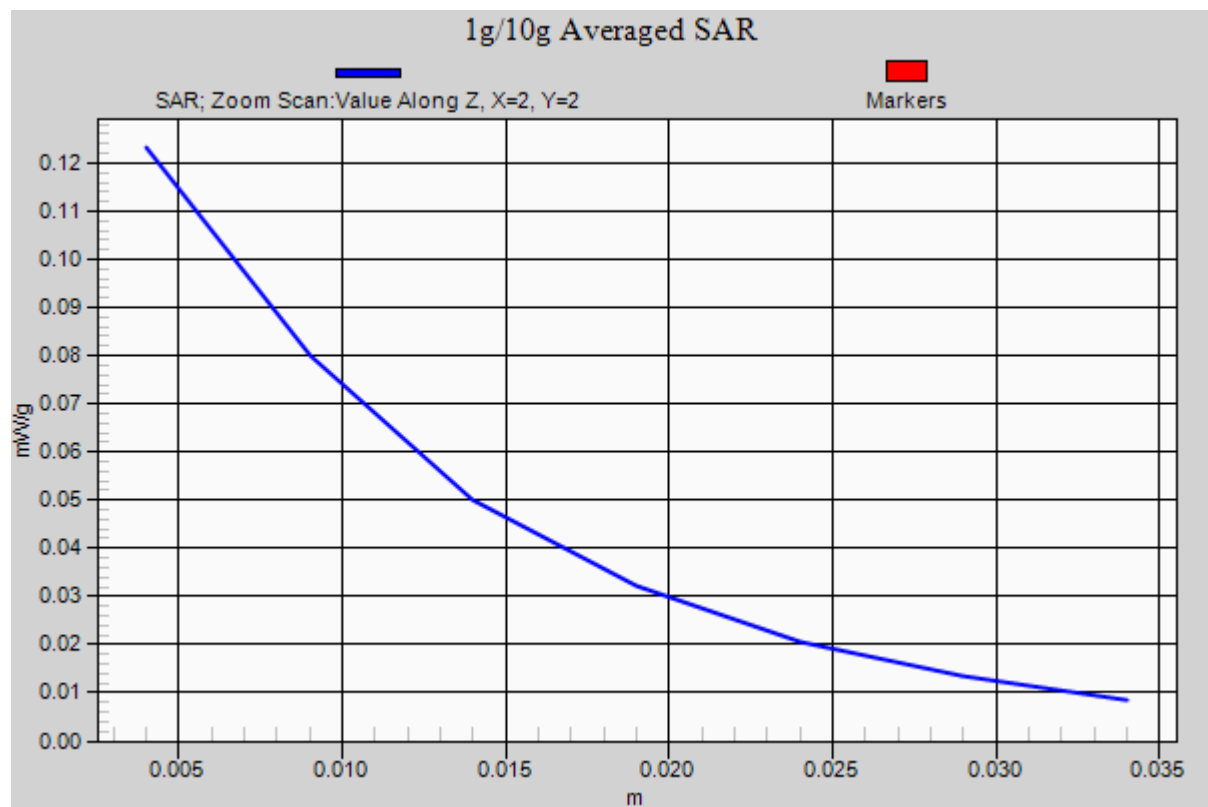
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.63 V/m ; Power Drift = 0.122 dB

Peak SAR (extrapolated) = 0.170 W/kg

SAR(1 g) = 0.112 mW/g ; SAR(10 g) = 0.068 mW/g

Maximum value of SAR (measured) = 0.123 mW/g



#32 GSM1900_Left Tilted_Ch661_Battery1

DUT: 112819-02

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_110308 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.41 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.7 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.048 mW/g

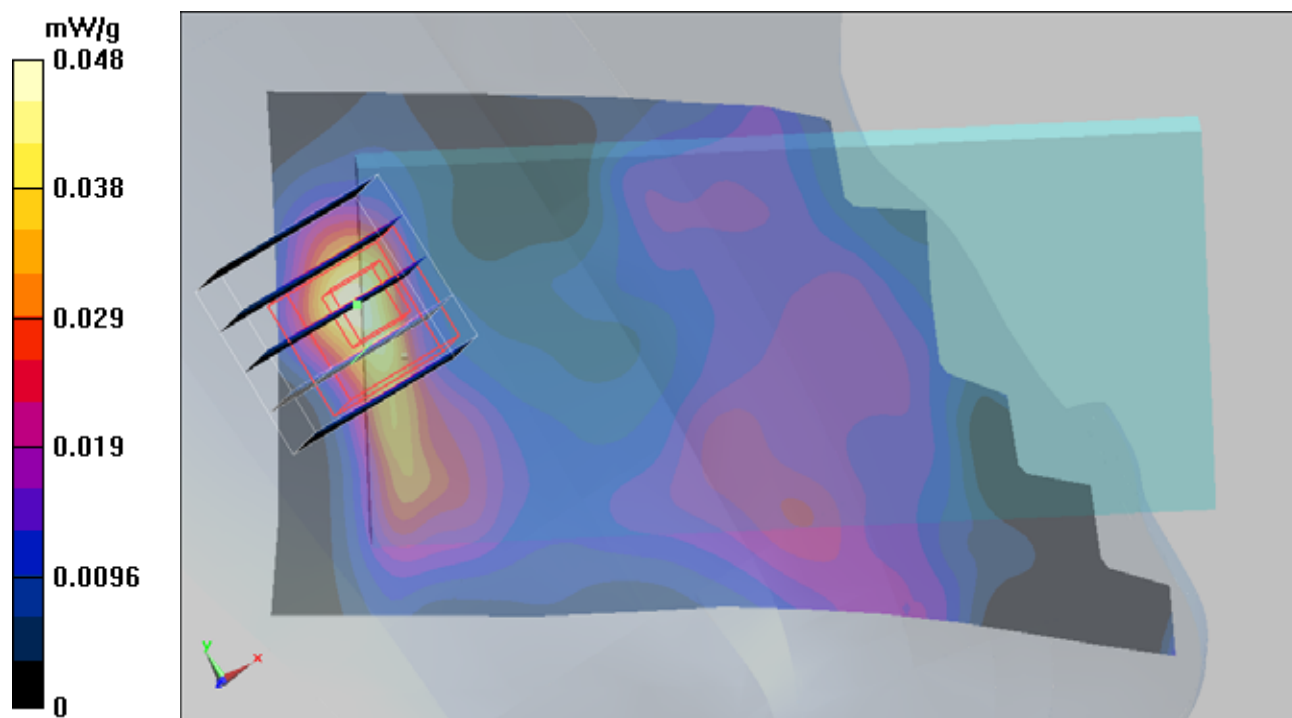
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.1 V/m ; Power Drift = -0.034 dB

Peak SAR (extrapolated) = 0.074 W/kg

SAR(1 g) = 0.037 mW/g ; SAR(10 g) = 0.018 mW/g

Maximum value of SAR (measured) = 0.042 mW/g



#23 WCDMA V_RMC12.2K_Right Cheek_Ch4233_Battery1

DUT: 112819-02

Communication System: WCDMA Band 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL_850_110308 Medium parameters used: $f = 847 \text{ MHz}$; $\sigma = 0.909 \text{ mho/m}$; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.23, 6.23, 6.23); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4233/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.159 mW/g

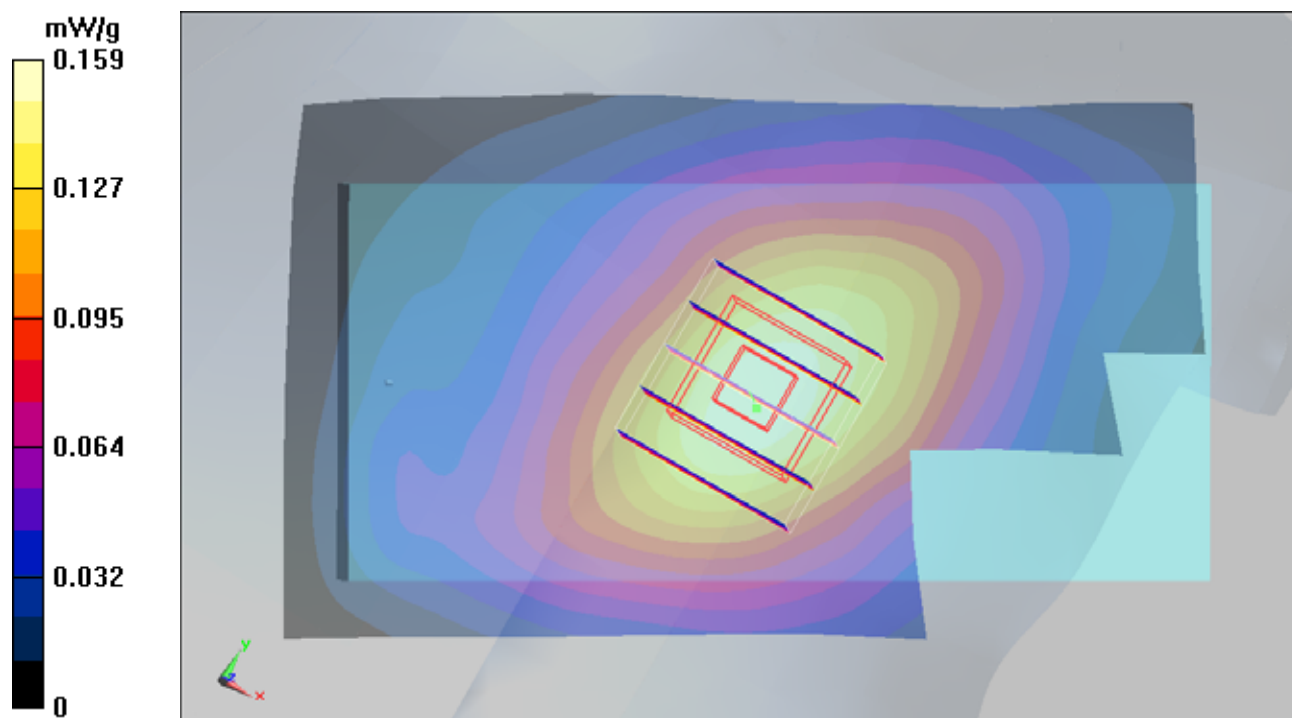
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.77 V/m ; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.184 W/kg

SAR(1 g) = 0.149 mW/g ; SAR(10 g) = 0.111 mW/g

Maximum value of SAR (measured) = 0.155 mW/g



#25 WCDMA V_RMC12.2K_Right Tilted_Ch4233_Battery1

DUT: 112819-02

Communication System: WCDMA Band 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL_850_110308 Medium parameters used: $f = 847 \text{ MHz}$; $\sigma = 0.909 \text{ mho/m}$; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.8 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.23, 6.23, 6.23); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4233/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.100 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.46 V/m ; Power Drift = 0.094 dB

Peak SAR (extrapolated) = 0.113 W/kg

SAR(1 g) = 0.094 mW/g ; SAR(10 g) = 0.072 mW/g

Maximum value of SAR (measured) = 0.099 mW/g

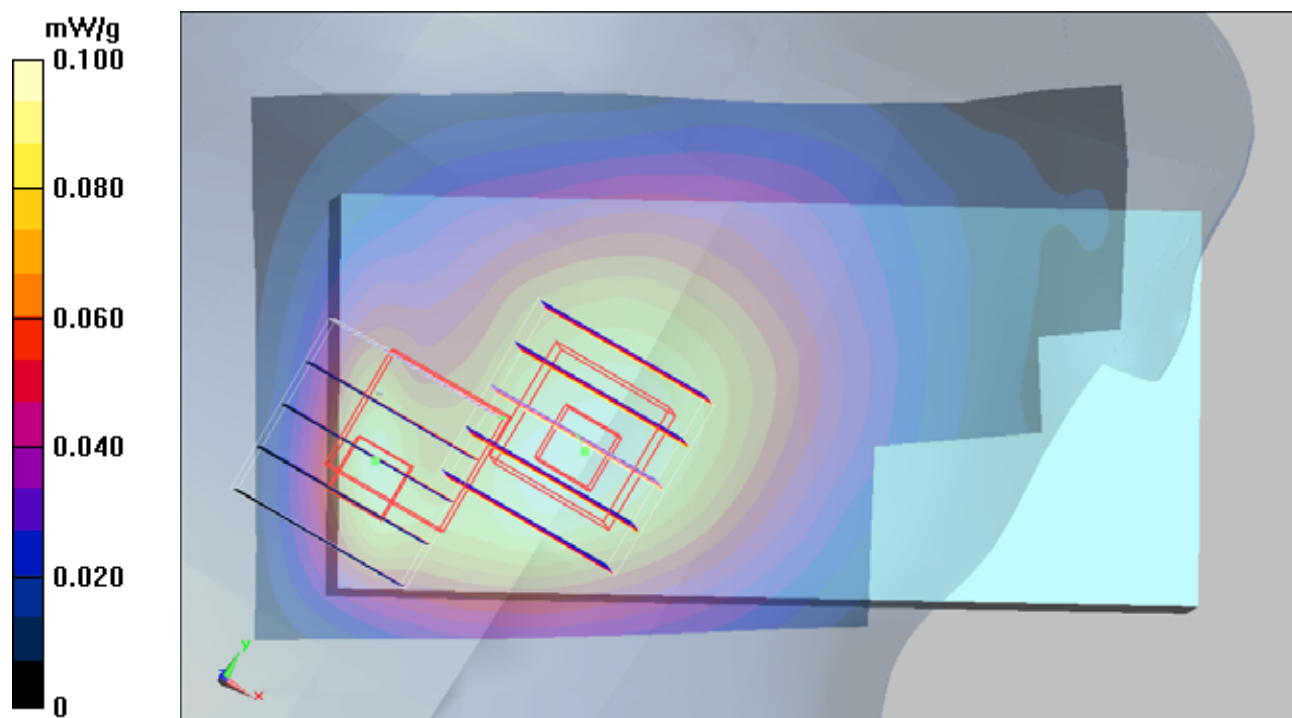
Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.46 V/m ; Power Drift = 0.094 dB

Peak SAR (extrapolated) = 0.139 W/kg

SAR(1 g) = 0.072 mW/g ; SAR(10 g) = 0.052 mW/g

Maximum value of SAR (measured) = 0.085 mW/g



#26 WCDMA V_RMC12.2K_Left Cheek_Ch4233_Battery1

DUT: 112819-02

Communication System: WCDMA Band 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL_850_110308 Medium parameters used: $f = 847 \text{ MHz}$; $\sigma = 0.909 \text{ mho/m}$; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.23, 6.23, 6.23); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4233/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.210 mW/g

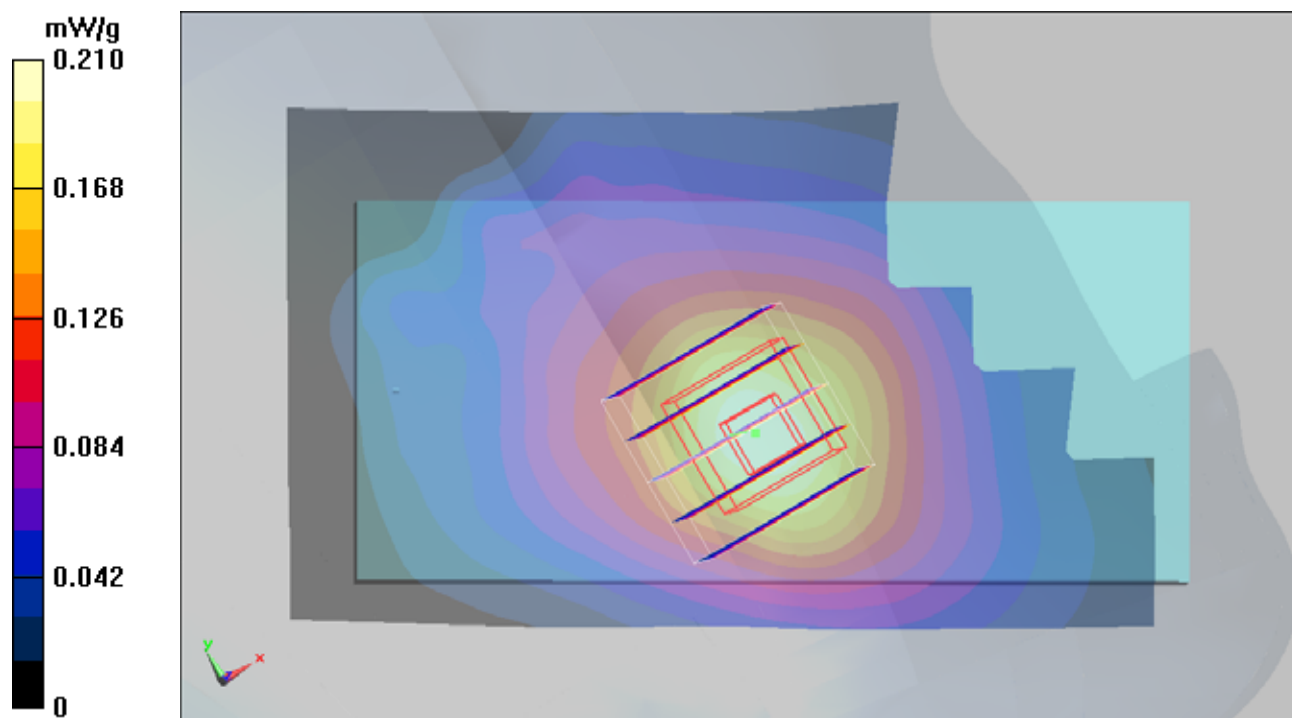
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.1 V/m ; Power Drift = 0.121 dB

Peak SAR (extrapolated) = 0.255 W/kg

SAR(1 g) = 0.195 mW/g ; SAR(10 g) = 0.141 mW/g

Maximum value of SAR (measured) = 0.206 mW/g



#26 WCDMA V_RMC12.2K_Left Cheek_Ch4233_Battery1_2D

DUT: 112819-02

Communication System: WCDMA Band 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL_850_110308 Medium parameters used: $f = 847 \text{ MHz}$; $\sigma = 0.909 \text{ mho/m}$; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.23, 6.23, 6.23); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4233/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.210 mW/g

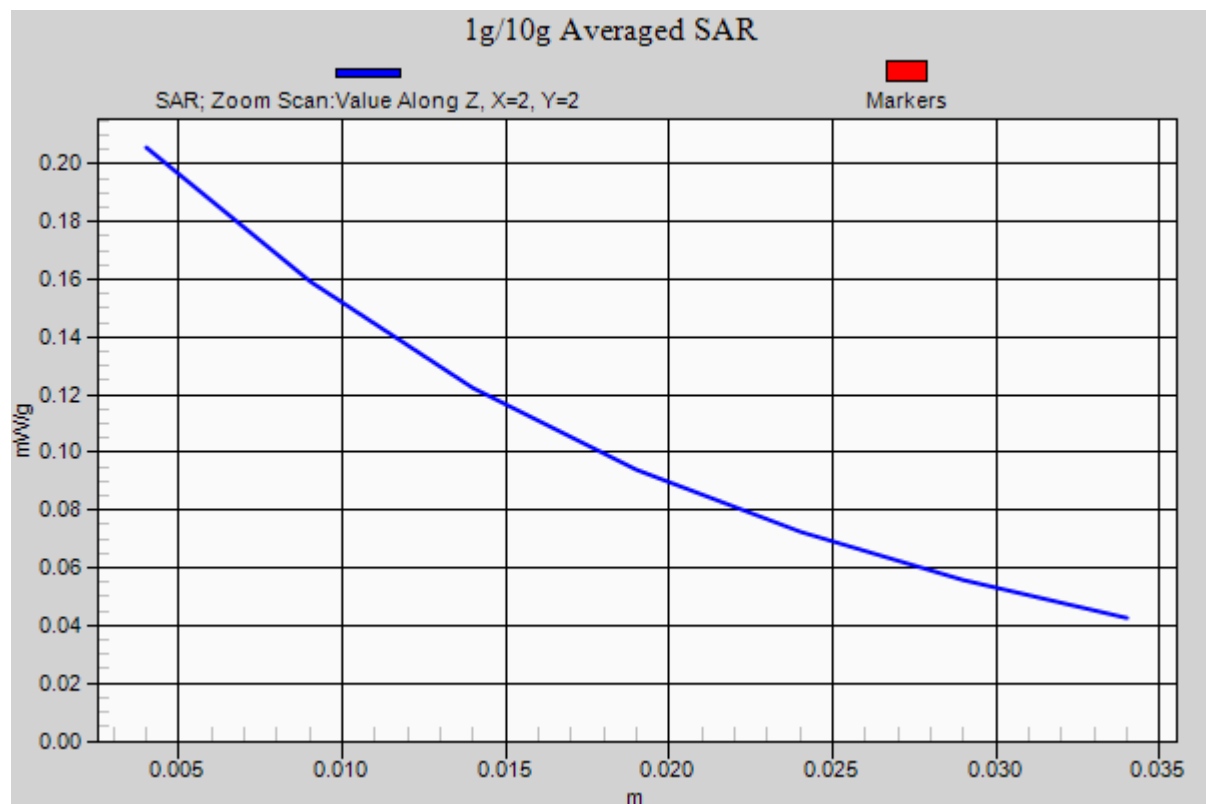
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.1 V/m ; Power Drift = 0.121 dB

Peak SAR (extrapolated) = 0.255 W/kg

SAR(1 g) = 0.195 mW/g ; SAR(10 g) = 0.141 mW/g

Maximum value of SAR (measured) = 0.206 mW/g



#27 WCDMA V_RMC12.2K_Left Tilted_Ch4233_Battery1

DUT: 112819-02

Communication System: WCDMA Band 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL_850_110308 Medium parameters used: $f = 847$ MHz; $\sigma = 0.909$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.23, 6.23, 6.23); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4233/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.113 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10 V/m; Power Drift = -0.144 dB

Peak SAR (extrapolated) = 0.121 W/kg

SAR(1 g) = 0.099 mW/g; SAR(10 g) = 0.075 mW/g

Maximum value of SAR (measured) = 0.105 mW/g

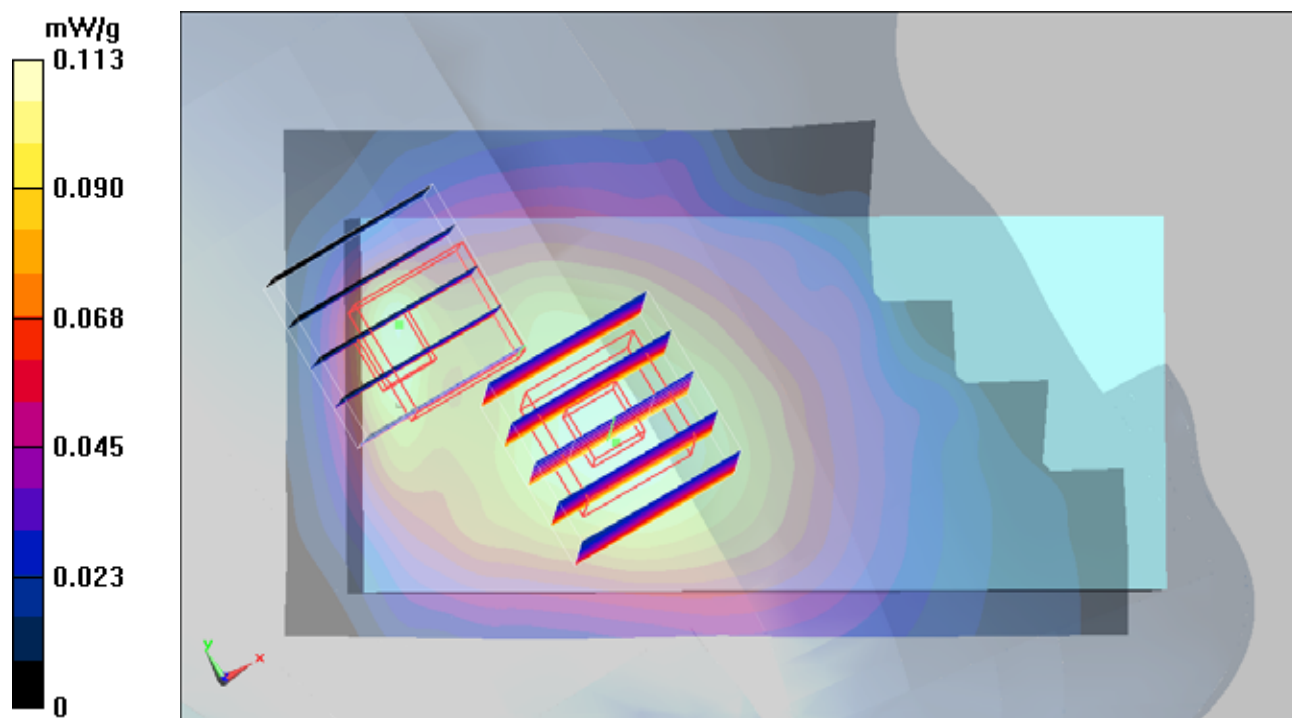
Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10 V/m; Power Drift = -0.144 dB

Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.051 mW/g

Maximum value of SAR (measured) = 0.086 mW/g



#34 WCDMAII_Right Cheek_Ch9400_Battery1

DUT: 112819-02

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

Medium: HSL_1900_110308 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.41 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9400/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.130 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.1 V/m ; Power Drift = 0.155 dB

Peak SAR (extrapolated) = 0.193 W/kg

SAR(1 g) = 0.130 mW/g ; SAR(10 g) = 0.081 mW/g

Maximum value of SAR (measured) = 0.140 mW/g

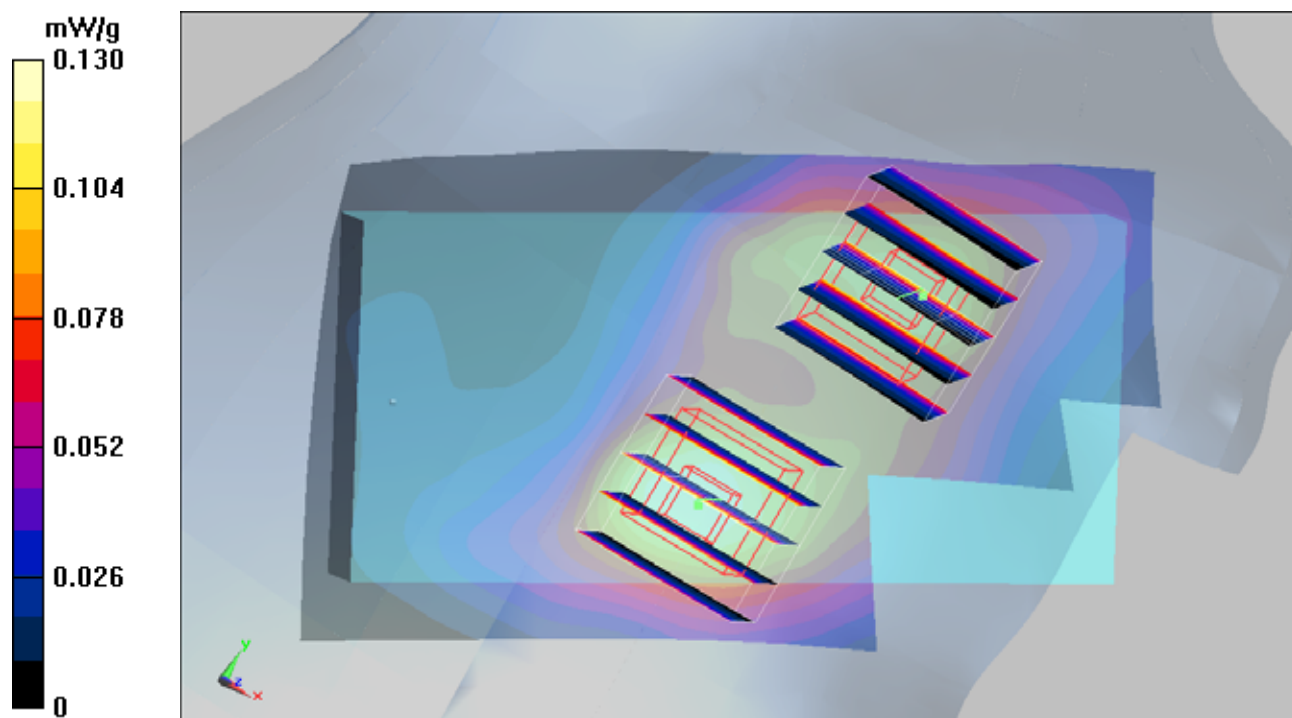
Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.1 V/m ; Power Drift = 0.553 dB

Peak SAR (extrapolated) = 0.165 W/kg

SAR(1 g) = 0.106 mW/g ; SAR(10 g) = 0.066 mW/g

Maximum value of SAR (measured) = 0.115 mW/g



#35 WCDMAII_Right Tilted_Ch9400_Battery1

DUT: 112819-02

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

Medium: HSL_1900_110308 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.41 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9400/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.105 mW/g

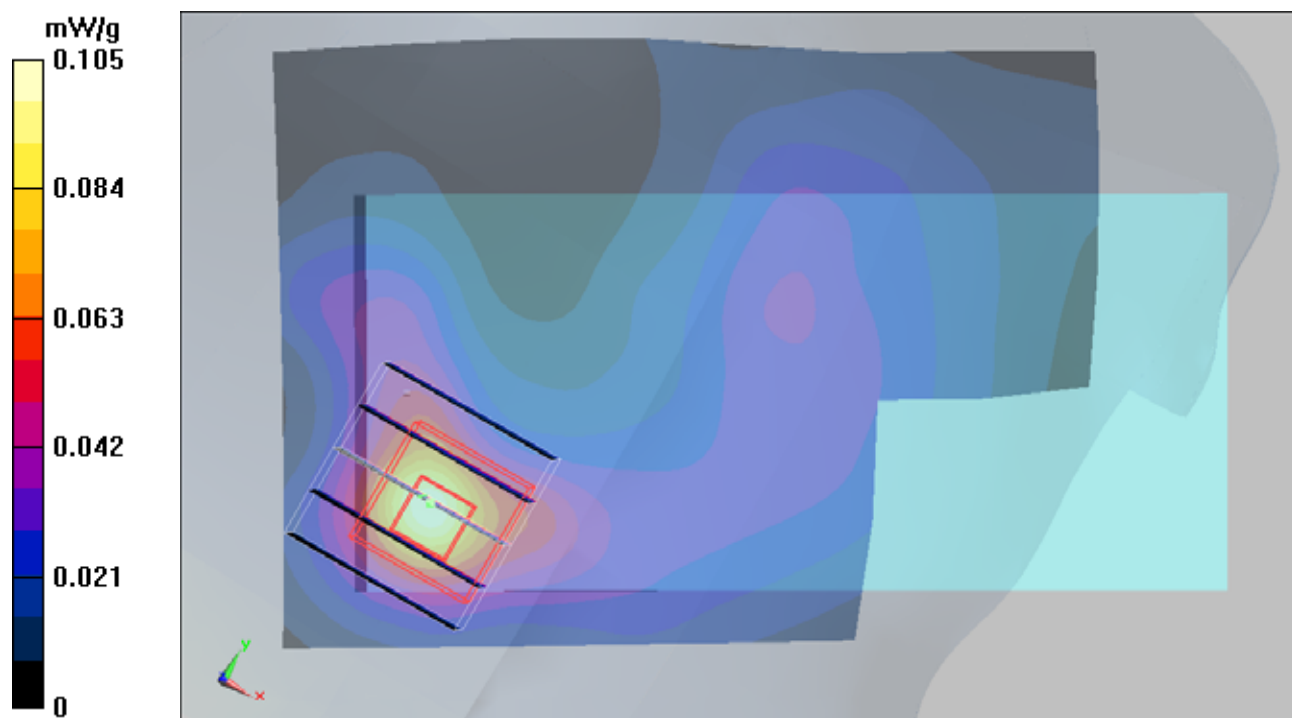
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.39 V/m ; Power Drift = 0.034 dB

Peak SAR (extrapolated) = 0.175 W/kg

SAR(1 g) = 0.091 mW/g ; SAR(10 g) = 0.047 mW/g

Maximum value of SAR (measured) = 0.093 mW/g



#36 WCDMAII_Left Cheek_Ch9400_Battery1

DUT: 112819-02

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

Medium: HSL_1900_110308 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.41 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9400/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.176 mW/g

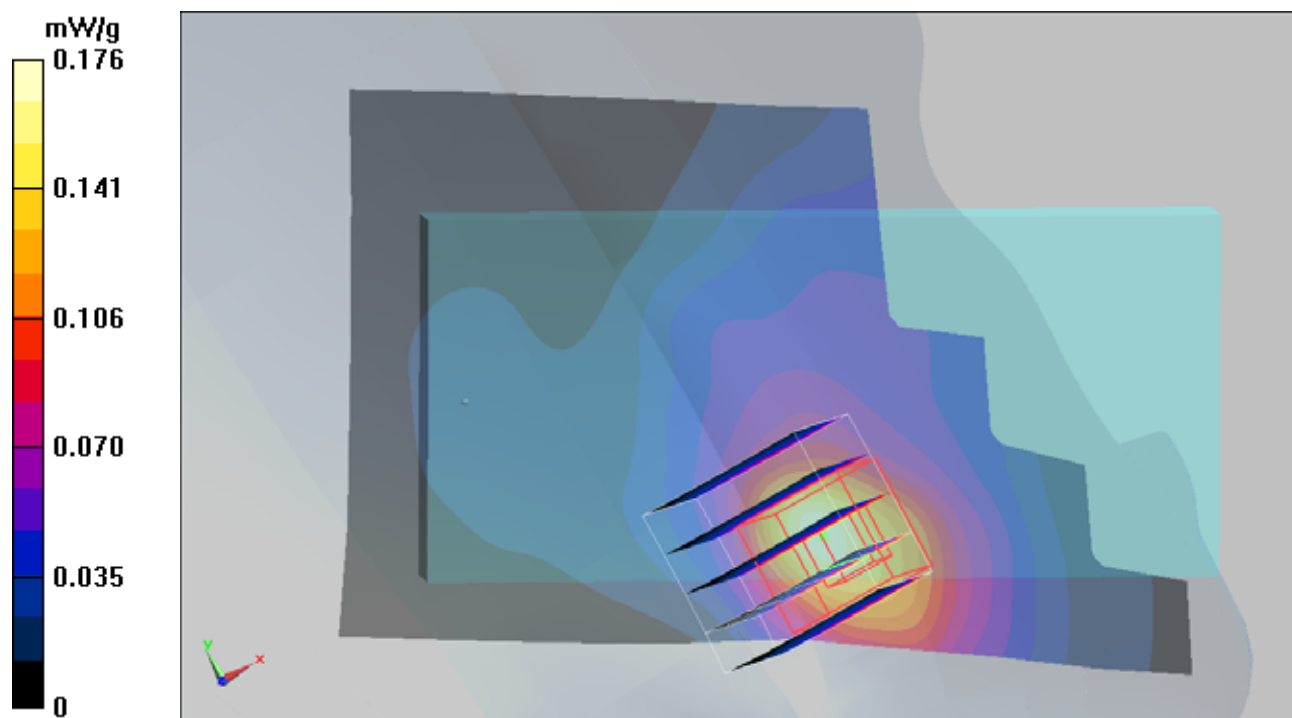
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.84 V/m; Power Drift = 0.132 dB

Peak SAR (extrapolated) = 0.222 W/kg

SAR(1 g) = 0.145 mW/g; SAR(10 g) = 0.088 mW/g

Maximum value of SAR (measured) = 0.151 mW/g



#36 WCDMAII_Left Cheek_Ch9400_Battery1_2D

DUT: 112819-02

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

Medium: HSL_1900_110308 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9400/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.176 mW/g

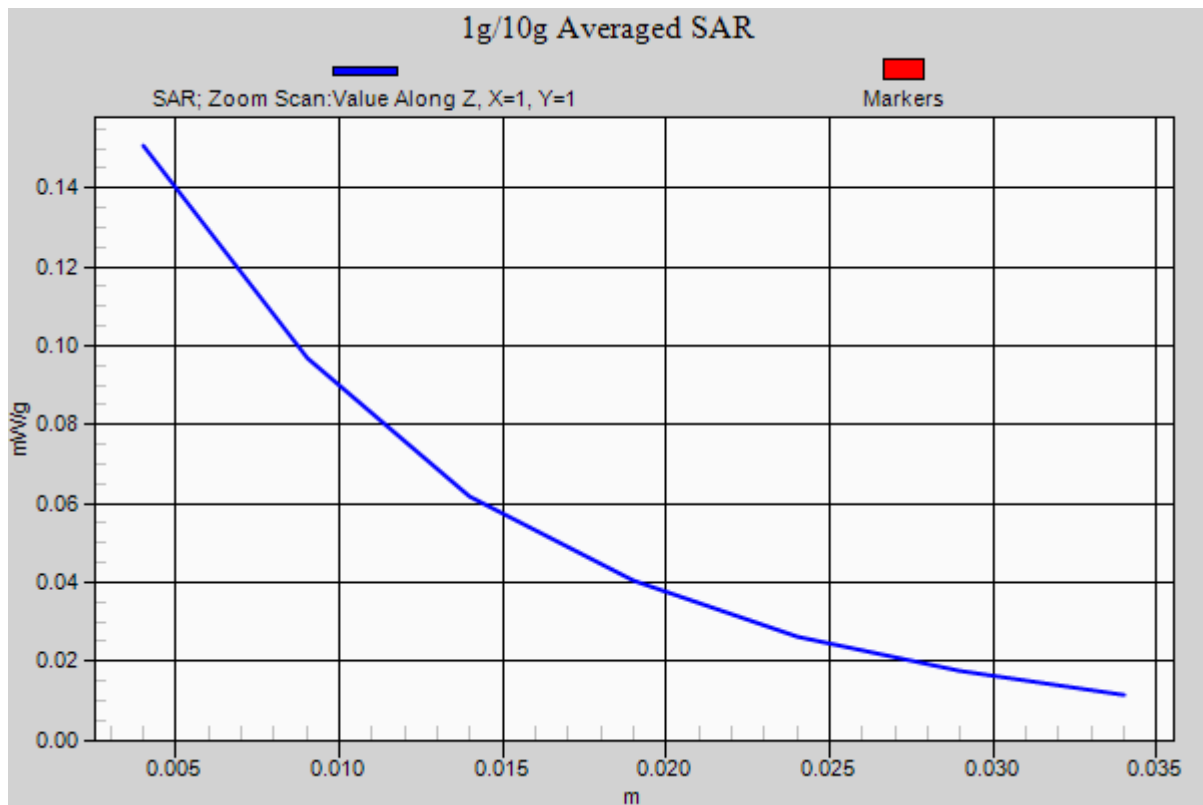
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.84 V/m; Power Drift = 0.132 dB

Peak SAR (extrapolated) = 0.222 W/kg

SAR(1 g) = 0.145 mW/g; SAR(10 g) = 0.088 mW/g

Maximum value of SAR (measured) = 0.151 mW/g



#37 WCDMAII_Left Tilted_Ch9400_Battery1

DUT: 112819-02

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

Medium: HSL_1900_110308 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.41 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9400/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.063 mW/g

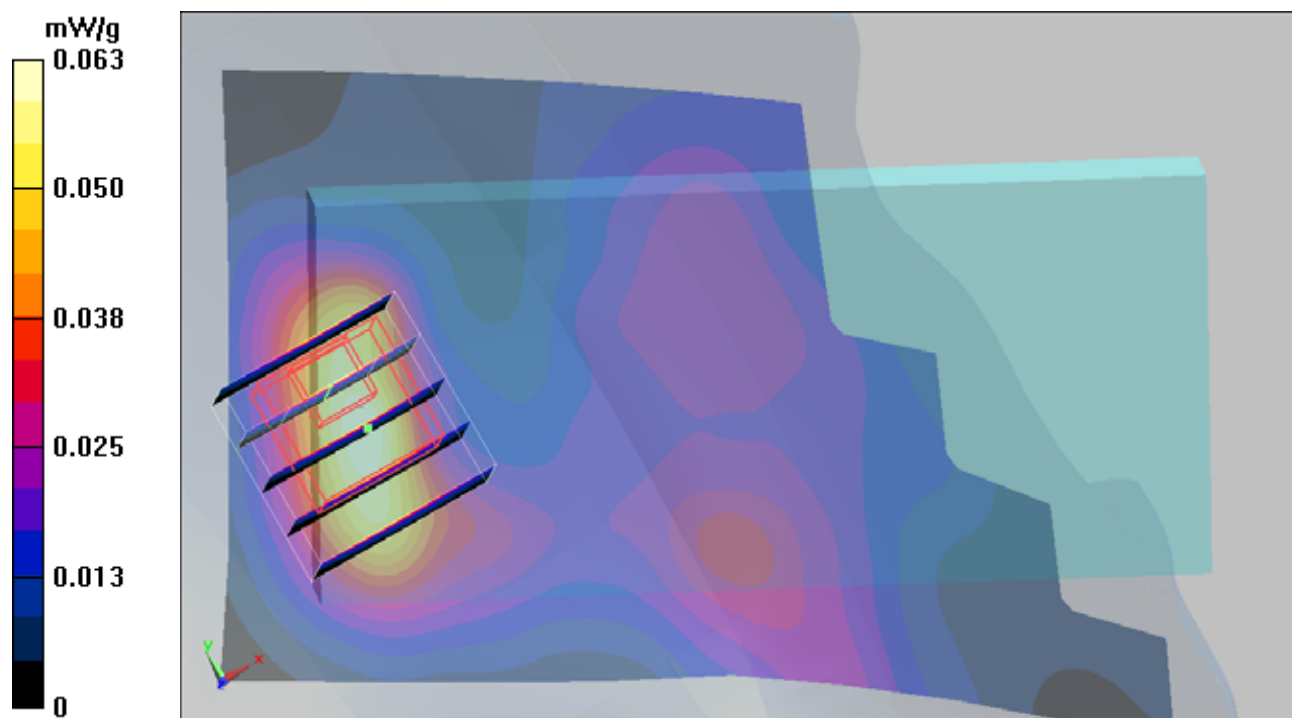
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.16 V/m ; Power Drift = -0.120 dB

Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.057 mW/g ; SAR(10 g) = 0.029 mW/g

Maximum value of SAR (measured) = 0.073 mW/g



#38 GSM850_GPRS12_Rear Face_1cm_Ch128_Battery1

DUT: 112819-02

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL_850_110309 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.953$ mho/m; $\epsilon_r =$

54.7; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch128/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.540 mW/g

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

Reference Value = 24.7 V/m; Power Drift = 0.158 dB

Peak SAR (extrapolated) = 0.834 W/kg

SAR(1 g) = 0.667 mW/g; SAR(10 g) = 0.500 mW/g

Maximum value of SAR (measured) = 0.696 mW/g

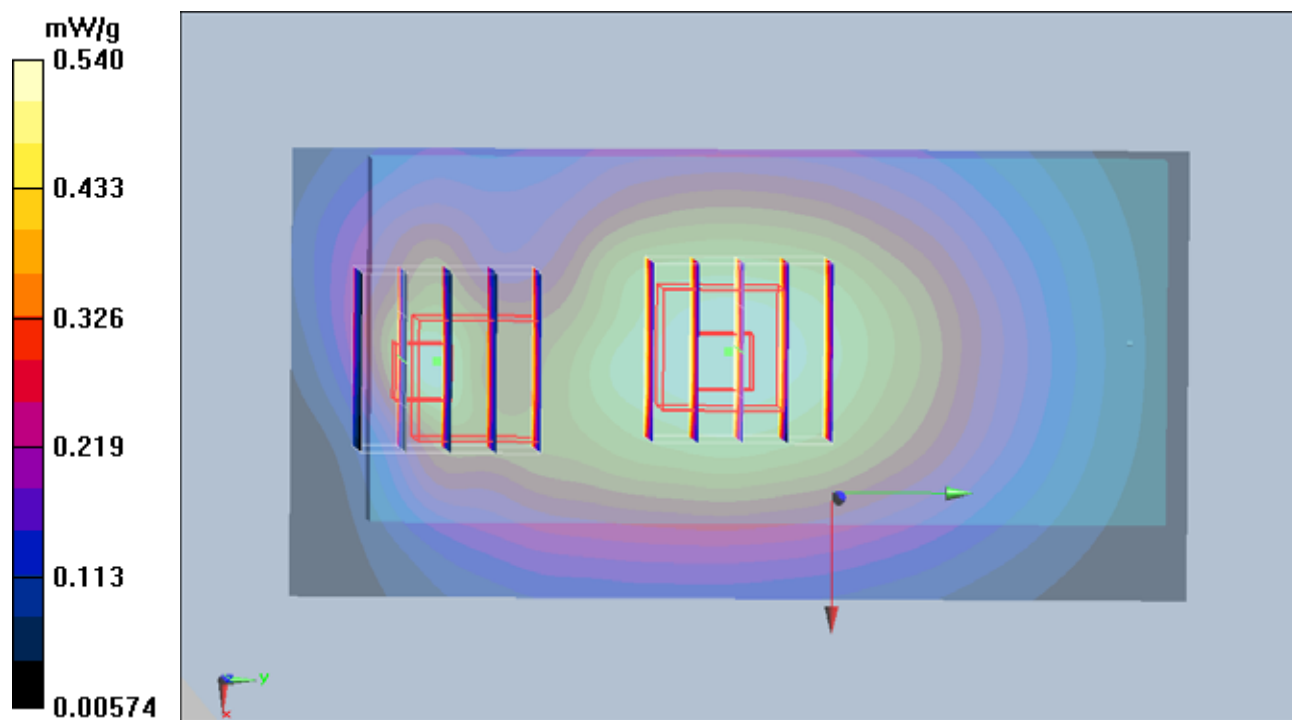
Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.7 V/m; Power Drift = 0.158 dB

Peak SAR (extrapolated) = 1 W/kg

SAR(1 g) = 0.561 mW/g; SAR(10 g) = 0.351 mW/g

Maximum value of SAR (measured) = 0.577 mW/g



#40 GSM850_GPRS12_Front Face_1cm_Ch128_Battery1

DUT: 112819-02

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL_850_110309 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.953$ mho/m; $\epsilon_r =$

54.7; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch128/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.287 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.3 V/m; Power Drift = 0.629 dB

Peak SAR (extrapolated) = 0.396 W/kg

SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.177 mW/g

Maximum value of SAR (measured) = 0.291 mW/g

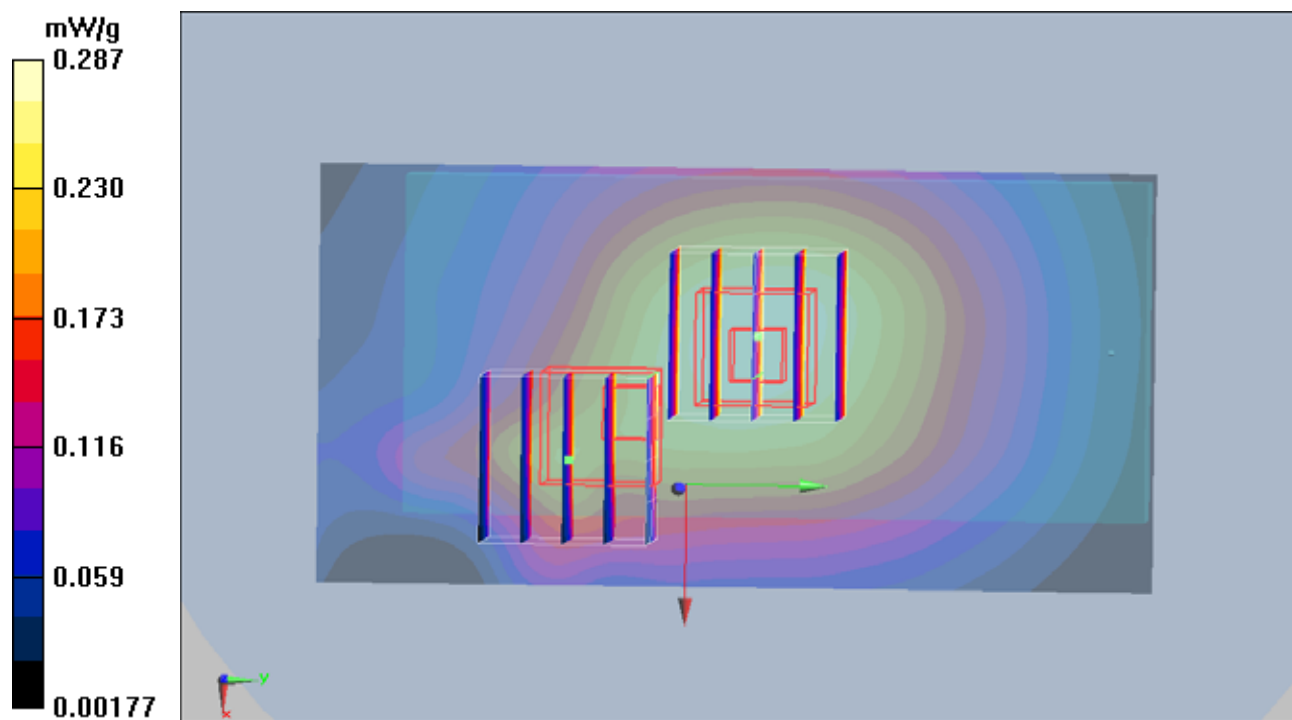
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.3 V/m; Power Drift = 0.629 dB

Peak SAR (extrapolated) = 0.318 W/kg

SAR(1 g) = 0.261 mW/g; SAR(10 g) = 0.200 mW/g

Maximum value of SAR (measured) = 0.274 mW/g



#42 GSM850_GPRS12_Bottom Side_1cm_Ch128_Battery1

DUT: 112819-02

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL_850_110309 Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.953 \text{ mho/m}$; $\epsilon_r =$

54.7 ; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch128/Area Scan (31x51x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.222 mW/g

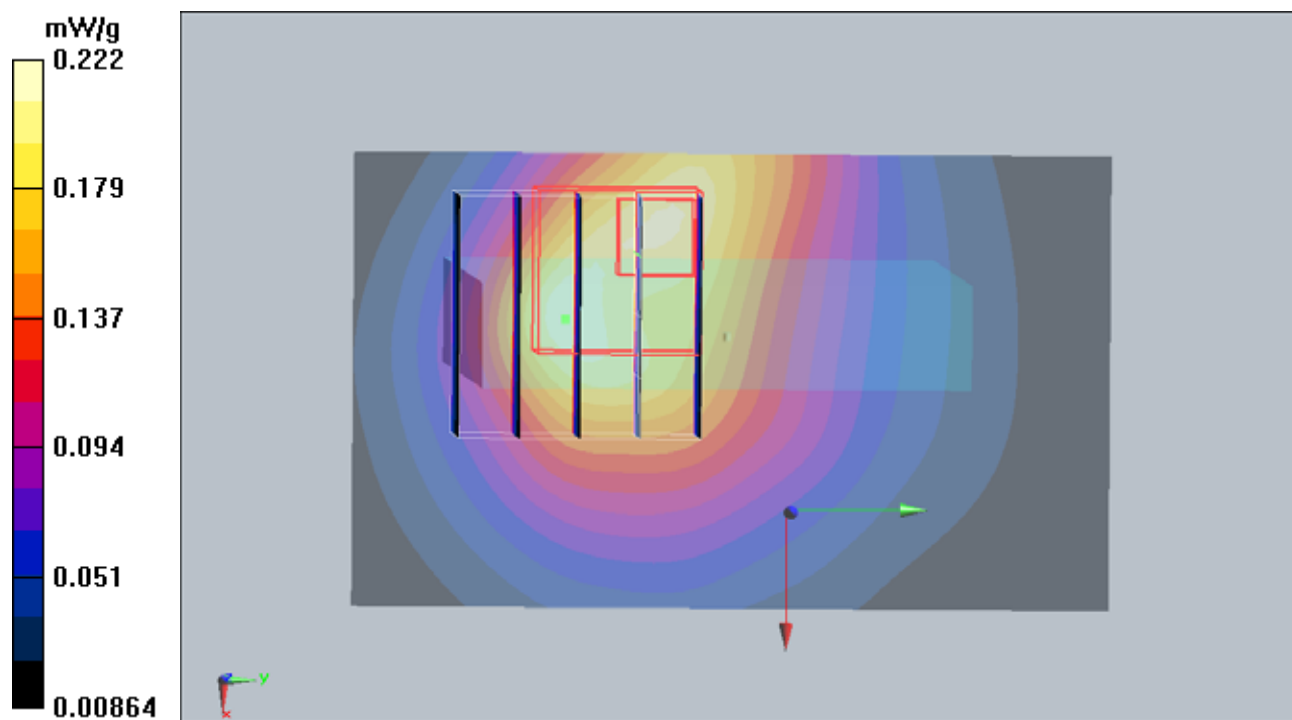
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.34 V/m ; Power Drift = -0.254 dB

Peak SAR (extrapolated) = 0.502 W/kg

SAR(1 g) = 0.273 mW/g ; SAR(10 g) = 0.144 mW/g

Maximum value of SAR (measured) = 0.303 mW/g



#43 GSM850_GPRS12_Left Side_1cm_Ch128_Battery1

DUT: 112819-02

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL_850_110309 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.953$ mho/m; $\epsilon_r =$

54.7; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch128/Area Scan (31x91x1): Measurement grid: dx=20mm, dy=20mm

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

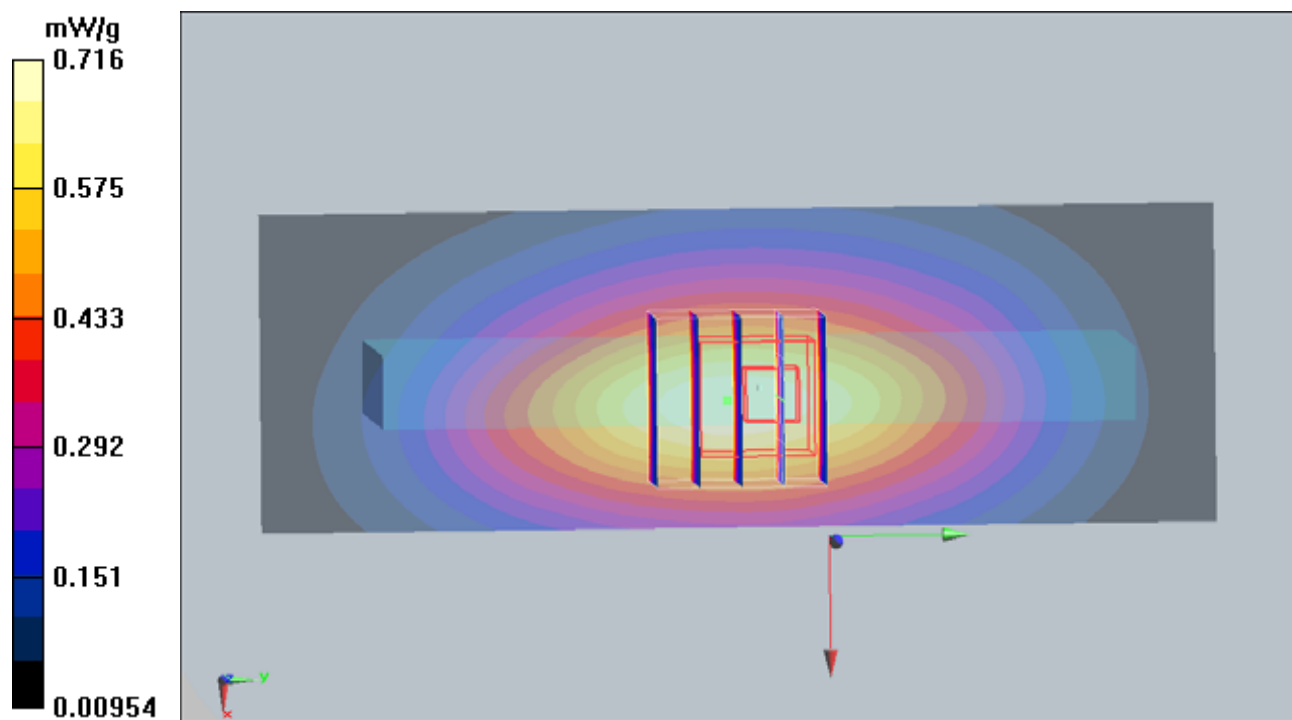
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.5 V/m; Power Drift = 0.136 dB

Peak SAR (extrapolated) = 0.914 W/kg

SAR(1 g) = 0.669 mW/g; SAR(10 g) = 0.461 mW/g

Maximum value of SAR (measured) = 0.726 mW/g



#43 GSM850_GPRS12_Left Side_1cm_Ch128_Battery1_2D

DUT: 112819-02

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL_850_110309 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.953$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch128/Area Scan (31x91x1): Measurement grid: dx=20mm, dy=20mm

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

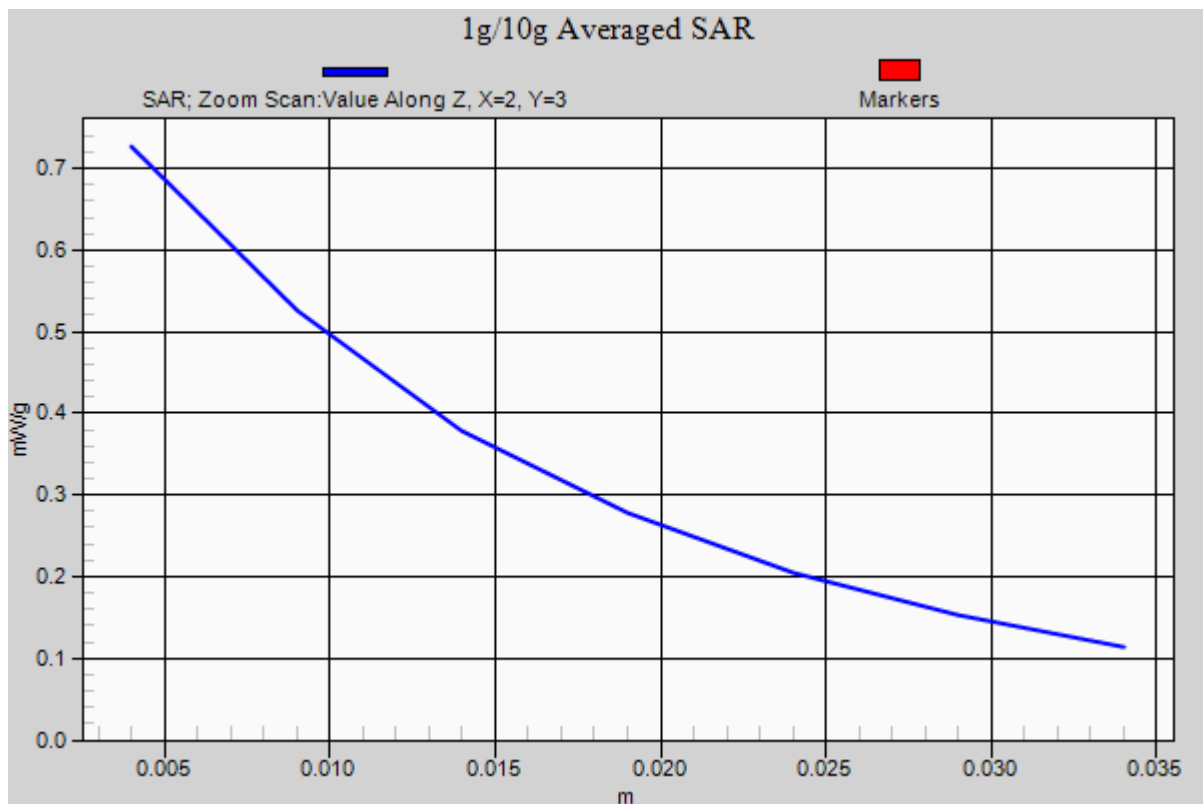
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.5 V/m; Power Drift = 0.136 dB

Peak SAR (extrapolated) = 0.914 W/kg

SAR(1 g) = 0.669 mW/g; SAR(10 g) = 0.461 mW/g

Maximum value of SAR (measured) = 0.726 mW/g



#44 GSM850_GPRS12_Right Side_1cm_Ch128_Battery1

DUT: 112819-02

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL_850_110309 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.953$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch128/Area Scan (31x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.488 mW/g

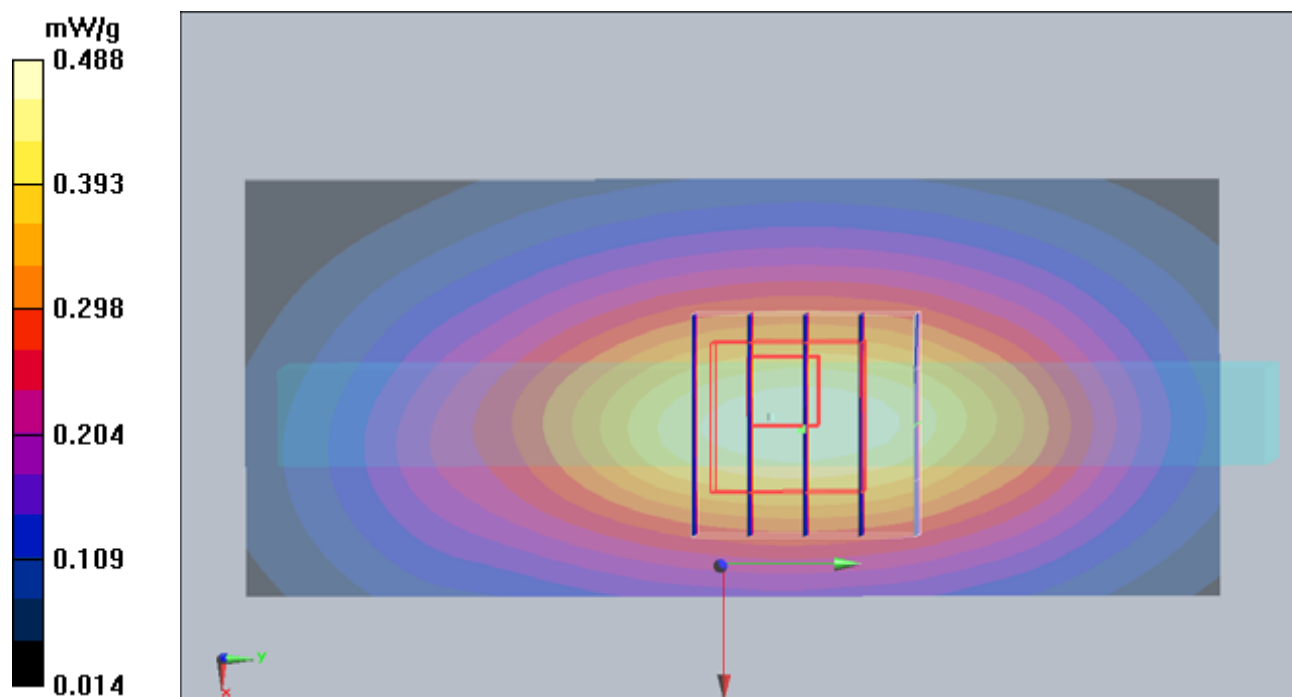
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.3 V/m; Power Drift = -0.166 dB

Peak SAR (extrapolated) = 0.558 W/kg

SAR(1 g) = 0.399 mW/g; SAR(10 g) = 0.284 mW/g

Maximum value of SAR (measured) = 0.422 mW/g



#67 GSM1900_GPRS10_Rear Face_1cm_Ch810_Battery1_Earphone

DUT: 112819-02

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110307 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch810/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.490 mW/g

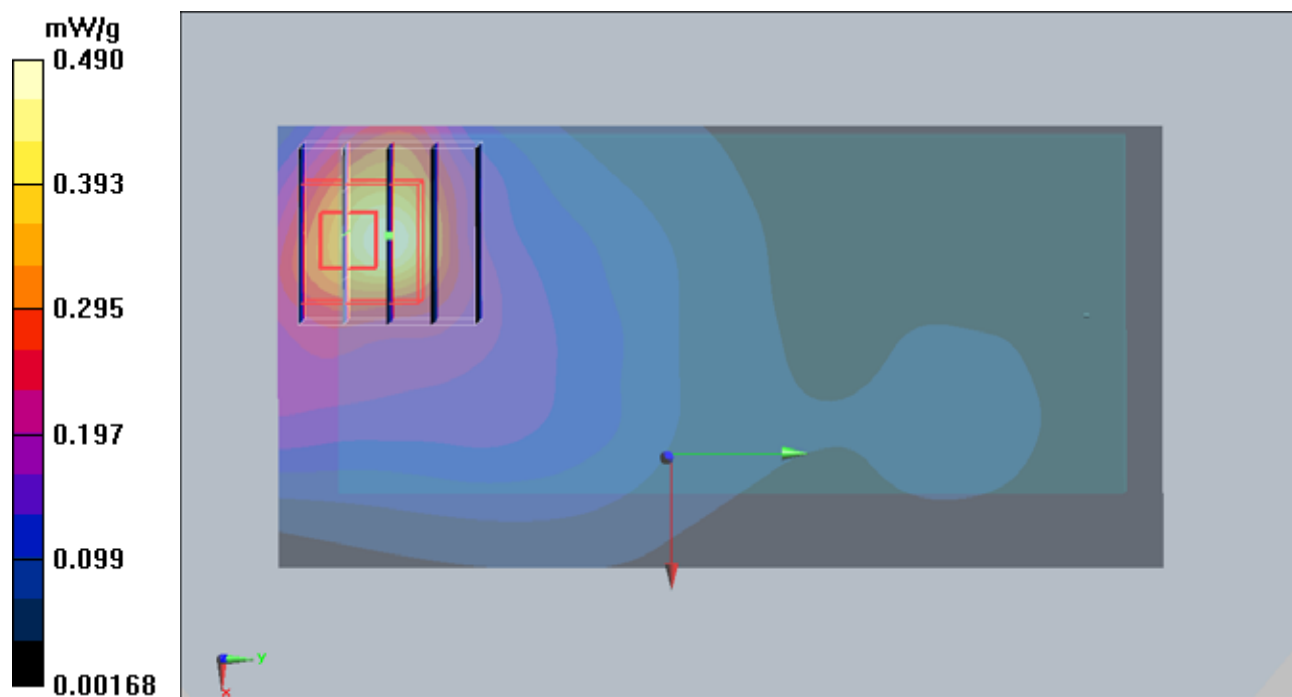
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.46 V/m; Power Drift = -0.127 dB

Peak SAR (extrapolated) = 0.882 W/kg

SAR(1 g) = 0.575 mW/g; SAR(10 g) = 0.304 mW/g

Maximum value of SAR (measured) = 0.654 mW/g



#67 GSM1900_GPRS10_Rear Face_1cm_Ch810_Battery1_Earphone_2D

DUT: 112819-02

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110307 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch810/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.490 mW/g

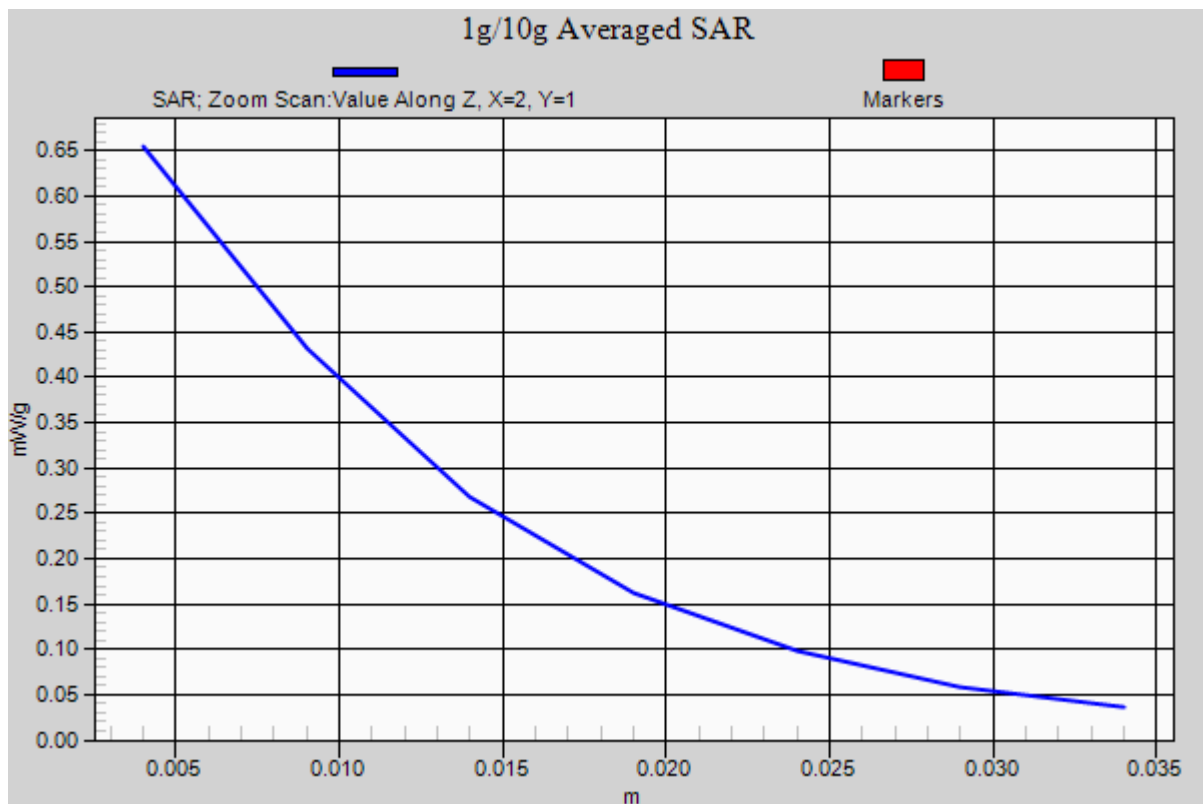
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.46 V/m; Power Drift = -0.127 dB

Peak SAR (extrapolated) = 0.882 W/kg

SAR(1 g) = 0.575 mW/g; SAR(10 g) = 0.304 mW/g

Maximum value of SAR (measured) = 0.654 mW/g



#03 GSM1900_GPRS10_Front Face_1cm_Ch810_Battery1

DUT: 112819-02

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110307 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch810/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.179 mW/g

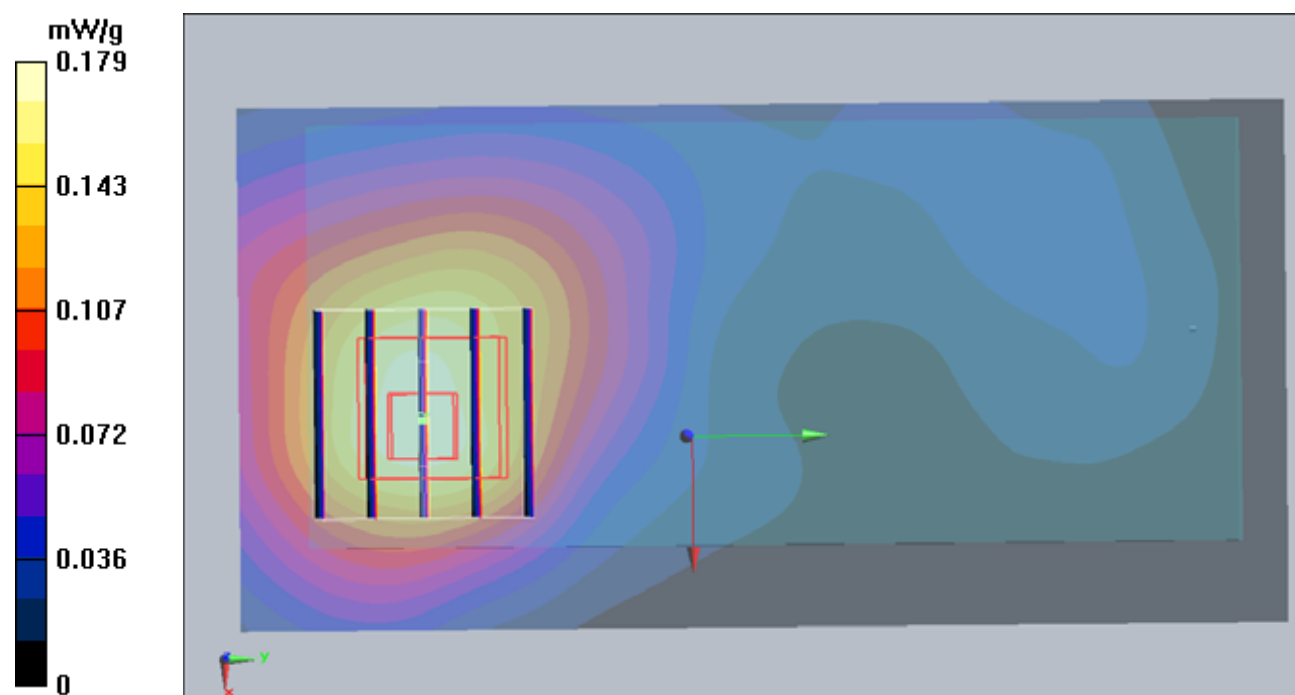
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.48 V/m; Power Drift = 0.151 dB

Peak SAR (extrapolated) = 0.386 W/kg

SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.109 mW/g

Maximum value of SAR (measured) = 0.183 mW/g



#05 GSM1900_GPRS10_Bottom Side_1cm_Ch810_Battery1

DUT: 112819-02

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110307 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch810/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.403 mW/g

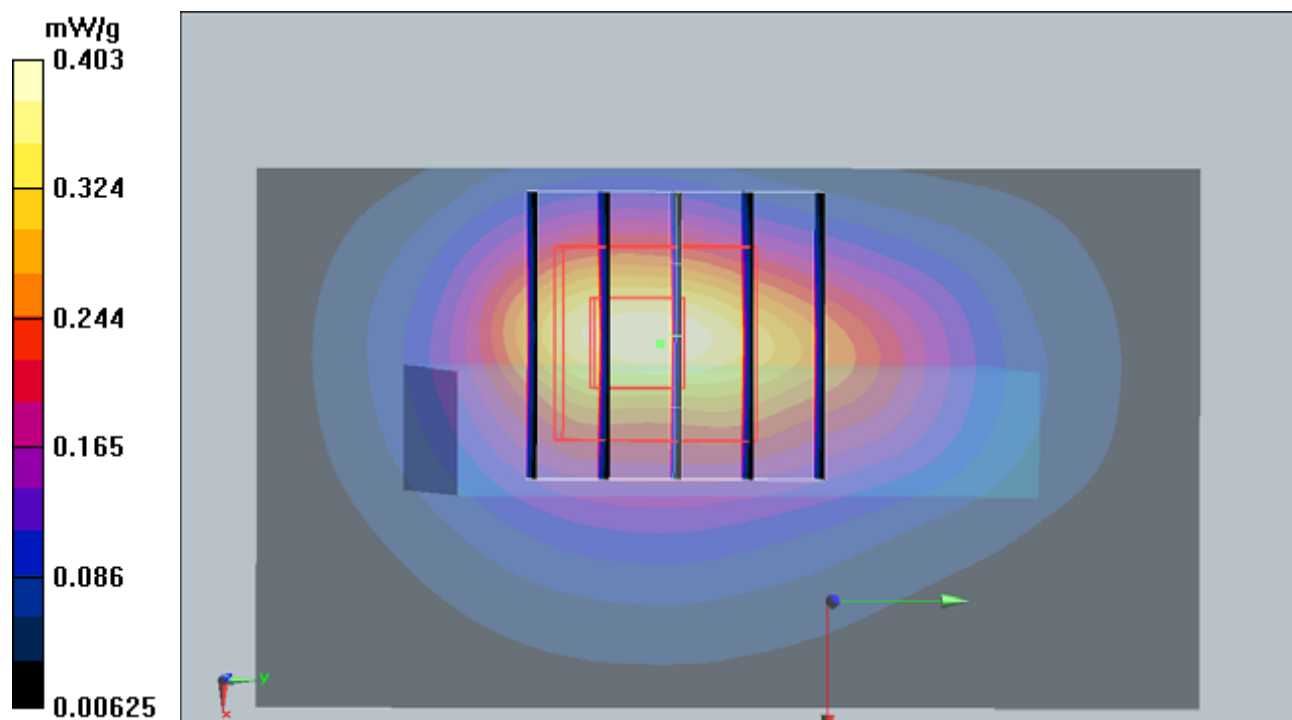
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.2 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 0.503 W/kg

SAR(1 g) = 0.346 mW/g; SAR(10 g) = 0.198 mW/g

Maximum value of SAR (measured) = 0.385 mW/g



#06 GSM1900_GPRS10_Left Side_1cm_Ch810_Battery1

DUT: 112819-02

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110307 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch810/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.060 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.28 V/m; Power Drift = 0.178 dB

Peak SAR (extrapolated) = 0.071 W/kg

SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.033 mW/g

Maximum value of SAR (measured) = 0.058 mW/g

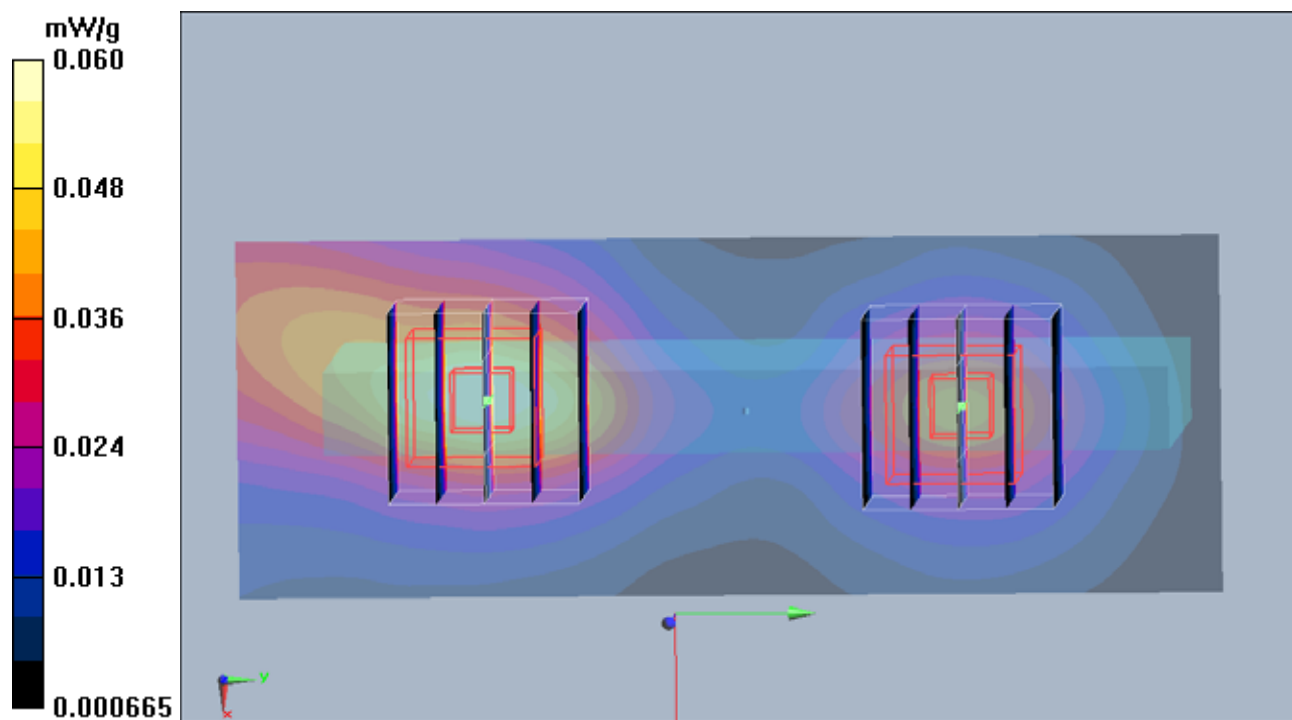
Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.28 V/m; Power Drift = 0.178 dB

Peak SAR (extrapolated) = 0.054 W/kg

SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.022 mW/g

Maximum value of SAR (measured) = 0.040 mW/g



#07 GSM1900_GPRS10_Right Side_1cm_Ch810_Battery1

DUT: 112819-02

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL_1900_110307 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch810/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.107 mW/g

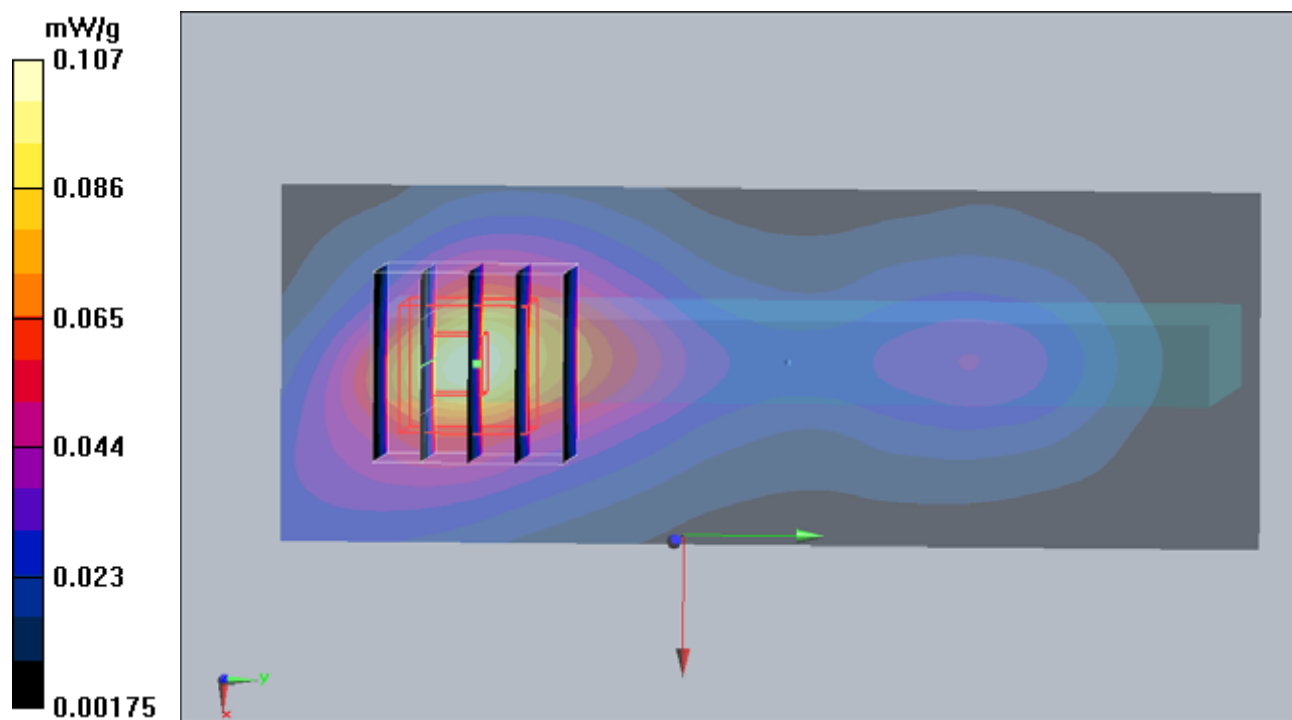
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.58 V/m; Power Drift = -0.090 dB

Peak SAR (extrapolated) = 0.149 W/kg

SAR(1 g) = 0.094 mW/g; SAR(10 g) = 0.054 mW/g

Maximum value of SAR (measured) = 0.101 mW/g



#46 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4233_Battery1

DUT: 112819-02

Communication System: WCDMA Band 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL_850_110309 Medium parameters used: $f = 847$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4233/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.538 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.4 V/m; Power Drift = 0.073 dB

Peak SAR (extrapolated) = 0.549 W/kg

SAR(1 g) = 0.447 mW/g; SAR(10 g) = 0.341 mW/g

Maximum value of SAR (measured) = 0.470 mW/g

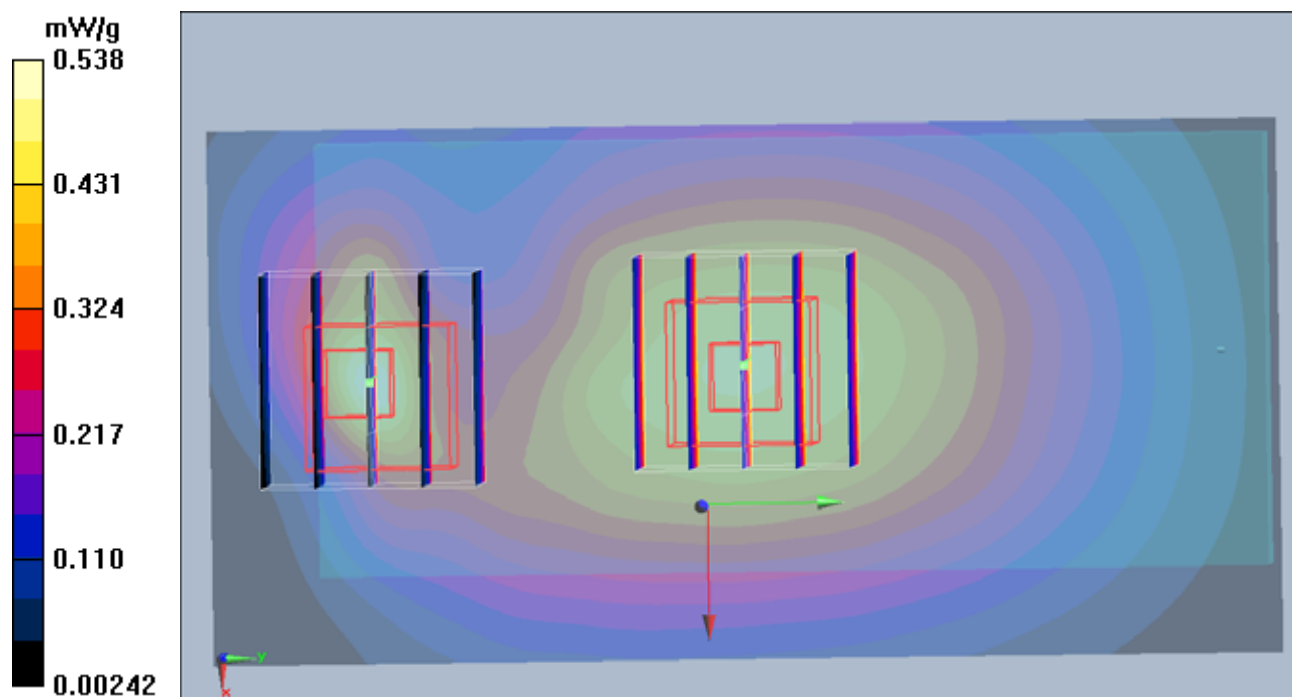
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.4 V/m; Power Drift = 0.073 dB

Peak SAR (extrapolated) = 0.781 W/kg

SAR(1 g) = 0.412 mW/g; SAR(10 g) = 0.225 mW/g

Maximum value of SAR (measured) = 0.440 mW/g



#46 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4233_Battery1_2D

DUT: 112819-02

Communication System: WCDMA Band 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL_850_110309 Medium parameters used: $f = 847$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4233/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.538 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.4 V/m; Power Drift = 0.073 dB

Peak SAR (extrapolated) = 0.549 W/kg

SAR(1 g) = 0.447 mW/g; SAR(10 g) = 0.341 mW/g

Maximum value of SAR (measured) = 0.470 mW/g

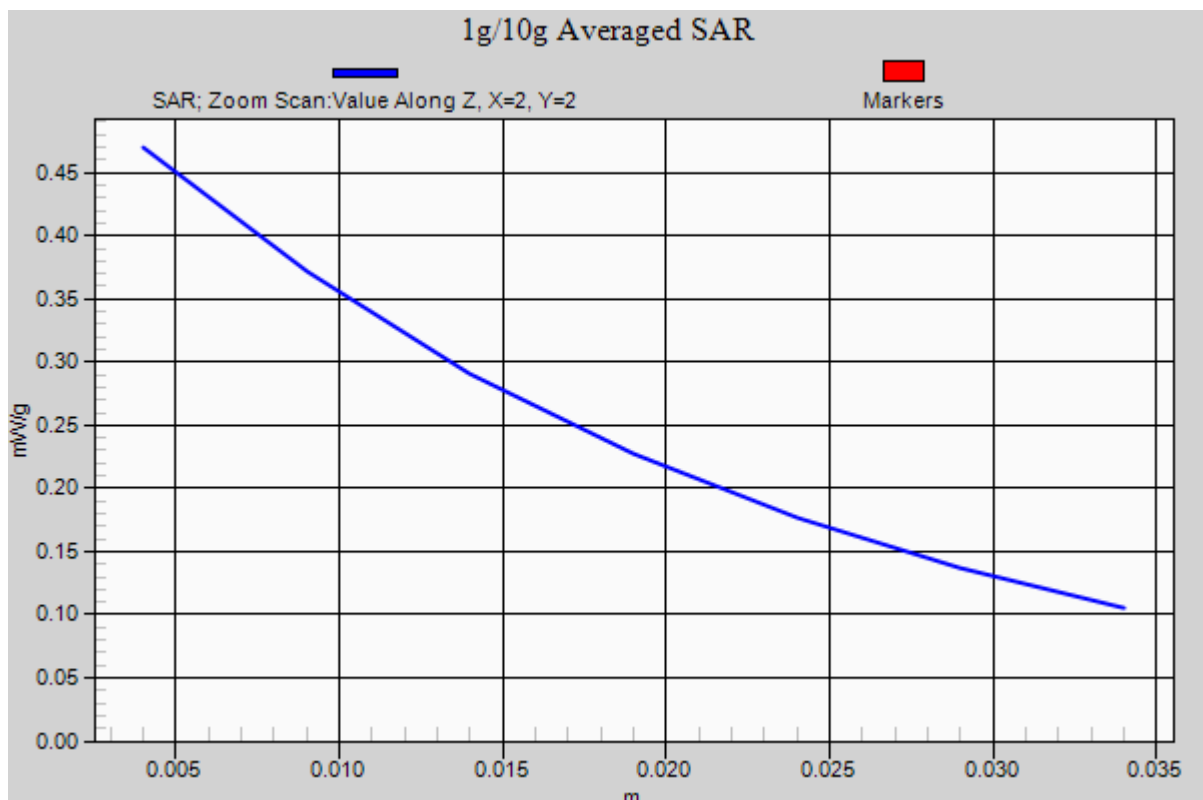
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.4 V/m; Power Drift = 0.073 dB

Peak SAR (extrapolated) = 0.781 W/kg

SAR(1 g) = 0.412 mW/g; SAR(10 g) = 0.225 mW/g

Maximum value of SAR (measured) = 0.440 mW/g



#47 WCDMA V_RMC12.2K_Front Face_1cm_Ch4233_Battery1

DUT: 112819-02

Communication System: WCDMA Band 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL_850_110309 Medium parameters used: $f = 847 \text{ MHz}$; $\sigma = 0.975 \text{ mho/m}$; $\epsilon_r = 54.4$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4233/Area Scan (41x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.208 mW/g

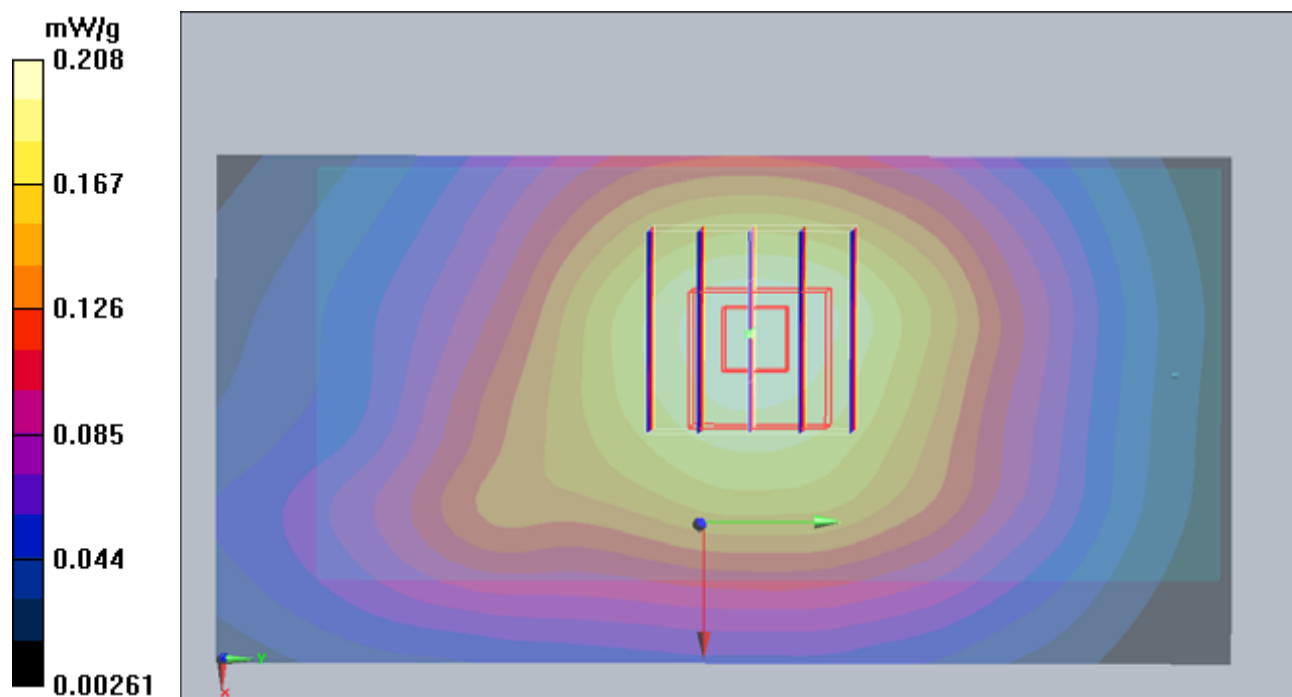
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.9 V/m ; Power Drift = 0.047 dB

Peak SAR (extrapolated) = 0.239 W/kg

SAR(1 g) = 0.195 mW/g ; SAR(10 g) = 0.149 mW/g

Maximum value of SAR (measured) = 0.206 mW/g



#49 WCDMA V_RMC12.2K_Bottom Side_1cm_Ch4233_Battery1

DUT: 112819-02

Communication System: WCDMA Band 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL_850_110309 Medium parameters used: $f = 847 \text{ MHz}$; $\sigma = 0.975 \text{ mho/m}$; $\epsilon_r = 54.4$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4233/Area Scan (31x51x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.166 mW/g

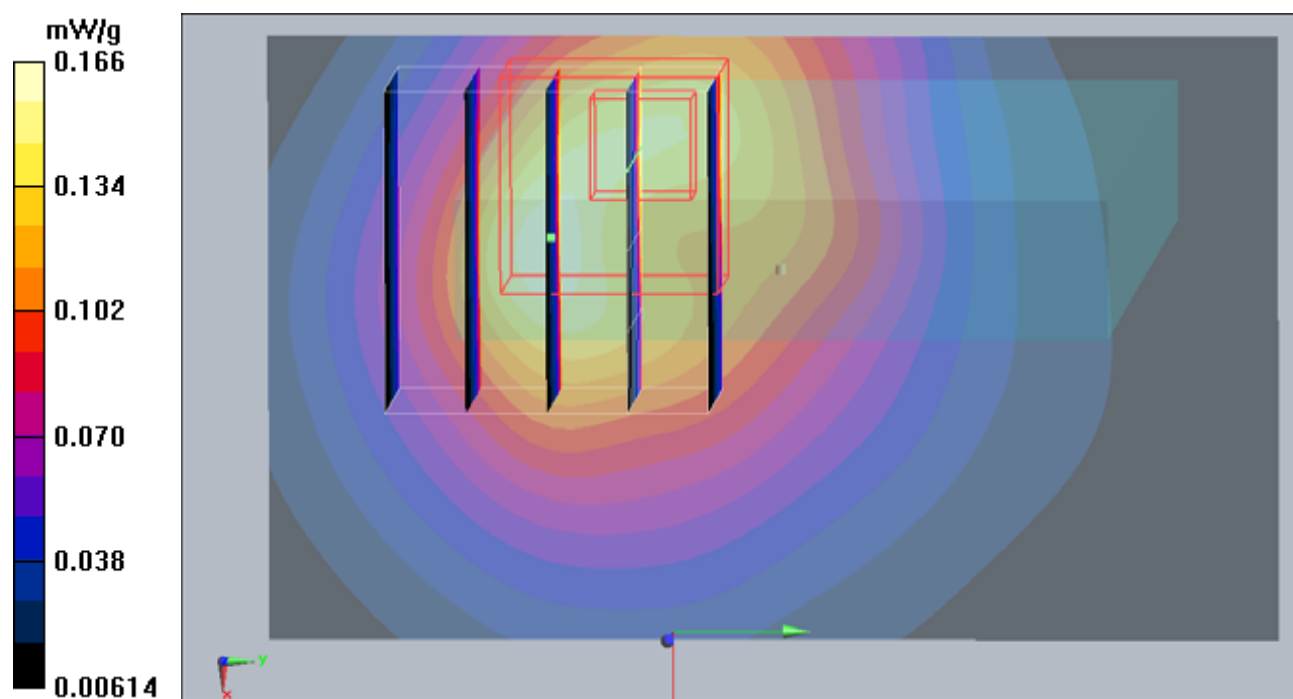
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.88 V/m ; Power Drift = 0.135 dB

Peak SAR (extrapolated) = 0.323 W/kg

SAR(1 g) = 0.183 mW/g ; SAR(10 g) = 0.099 mW/g

Maximum value of SAR (measured) = 0.207 mW/g



#50 WCDMA V_RMC12.2K_Left Side_1cm_Ch4233_Battery1

DUT: 112819-02

Communication System: WCDMA Band 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL_850_110309 Medium parameters used: $f = 847$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4233/Area Scan (31x91x1): Measurement grid: dx=20mm, dy=20mm

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

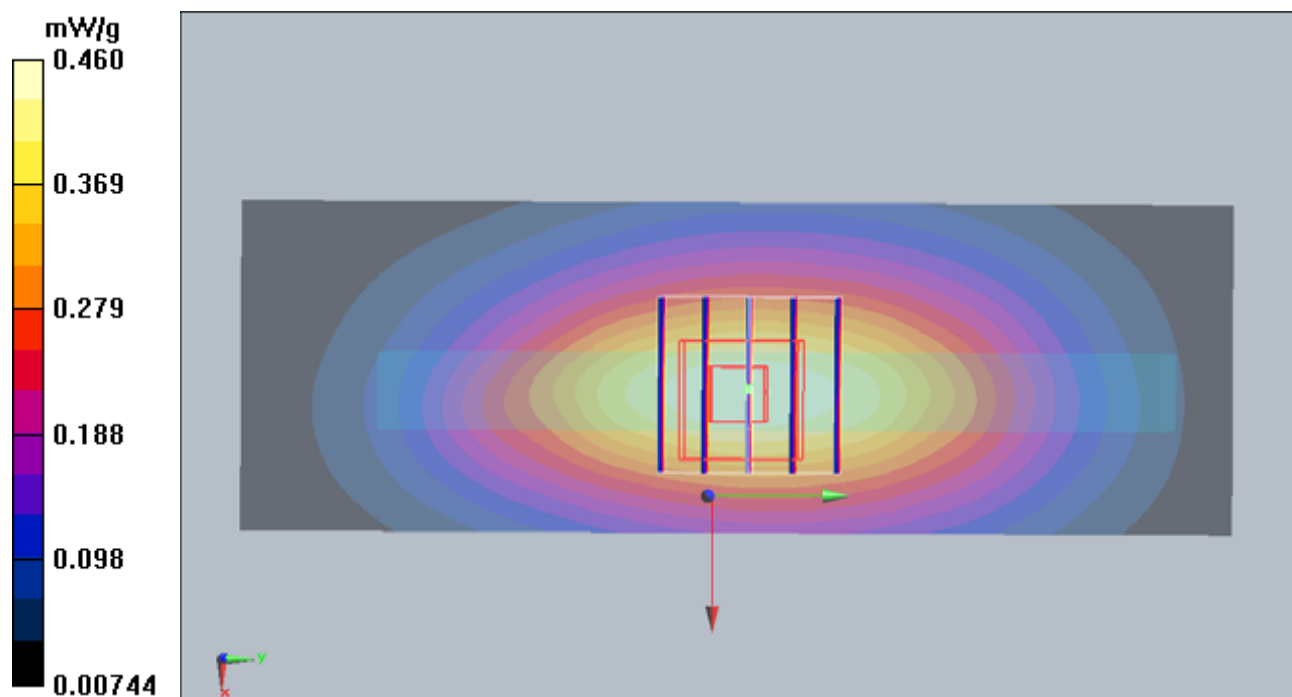
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.6 V/m; Power Drift = -0.124 dB

Peak SAR (extrapolated) = 0.622 W/kg

SAR(1 g) = 0.443 mW/g; SAR(10 g) = 0.298 mW/g

Maximum value of SAR (measured) = 0.480 mW/g



#51 WCDMA V_RMC12.2K_Right Side_1cm_Ch4233_Battery1

DUT: 112819-02

Communication System: WCDMA Band 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL_850_110309 Medium parameters used: $f = 847 \text{ MHz}$; $\sigma = 0.975 \text{ mho/m}$; $\epsilon_r = 54.4$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4233/Area Scan (31x91x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.285 mW/g

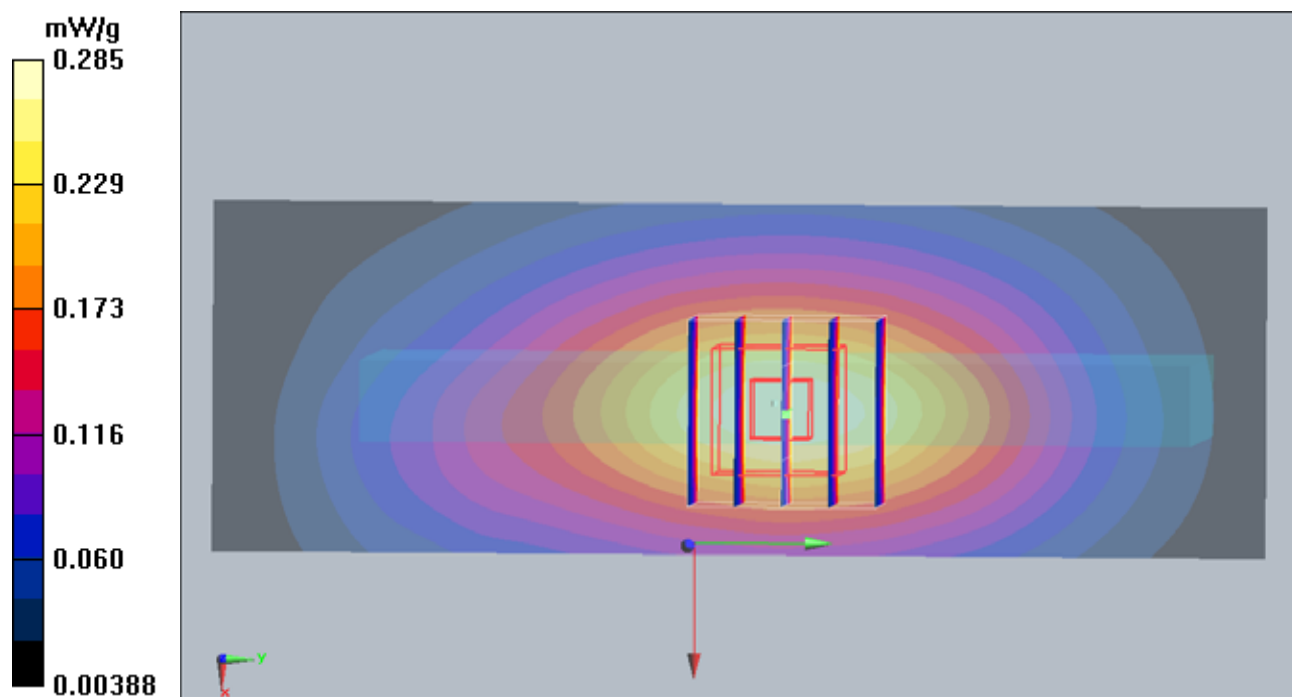
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.3 V/m ; Power Drift = -0.152 dB

Peak SAR (extrapolated) = 0.369 W/kg

SAR(1 g) = 0.269 mW/g ; SAR(10 g) = 0.185 mW/g

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



#17 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9262_Battery1

DUT: 112819-02

Communication System: WCDMA Band 2; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_110307 Medium parameters used: $f = 1852.4 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9262/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.06 mW/g

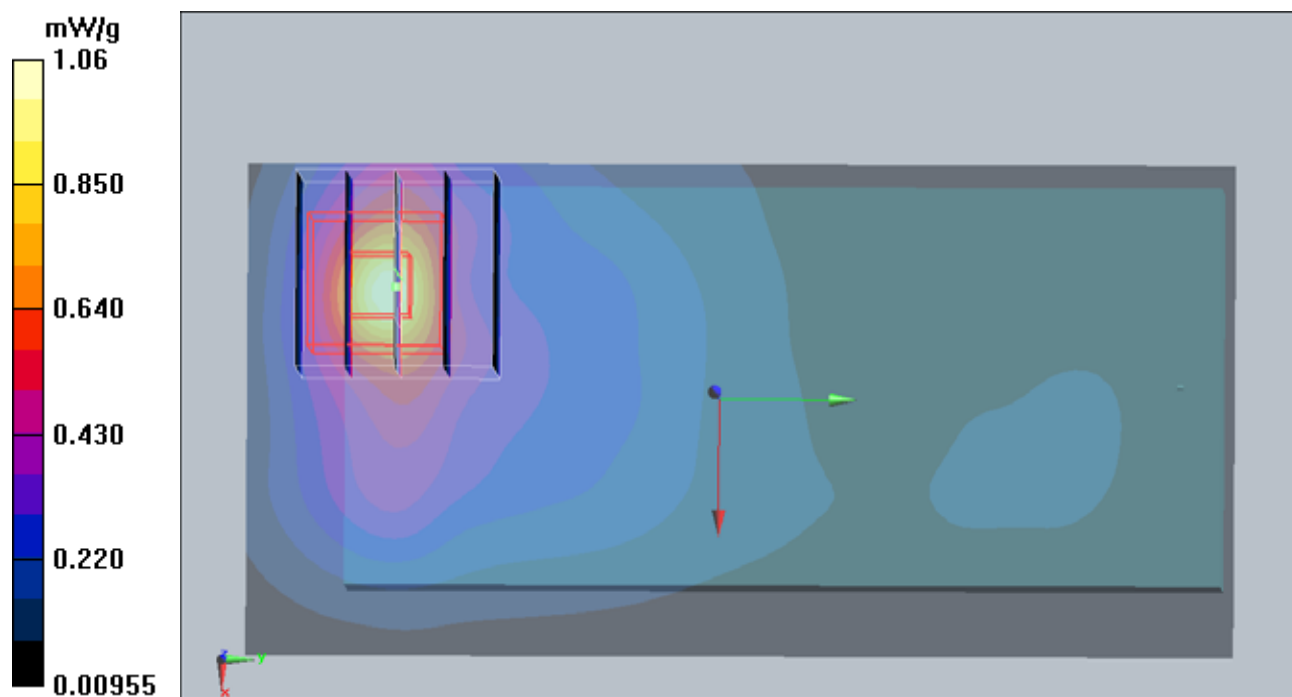
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.97 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.856 mW/g; SAR(10 g) = 0.461 mW/g

Maximum value of SAR (measured) = 0.891 mW/g



#17 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9262_Battery1_2D

DUT: 112819-02

Communication System: WCDMA Band 2; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_110307 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9262/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.06 mW/g

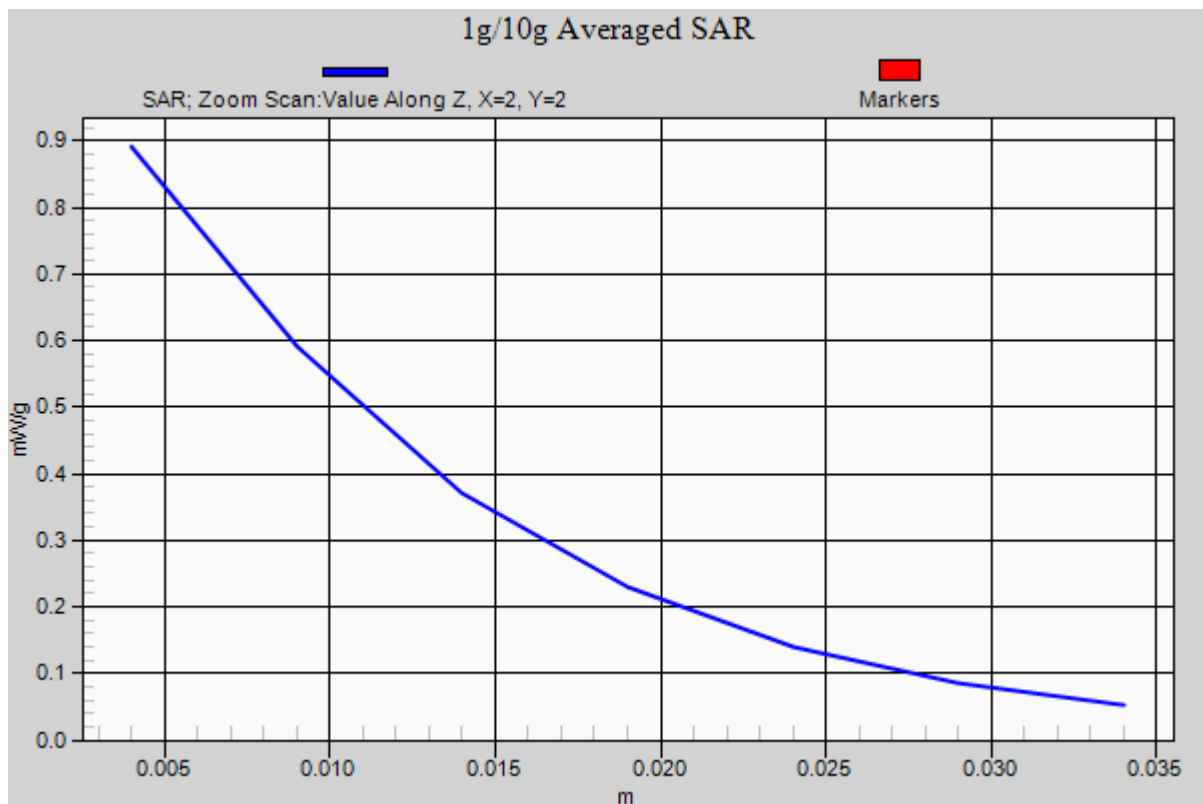
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.97 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.856 mW/g; SAR(10 g) = 0.461 mW/g

Maximum value of SAR (measured) = 0.891 mW/g



#10 WCDMA II_RMC12.2K_Front Face_1cm_Ch9400_Battery2

DUT: 112819-02

Communication System: WCDMA Band 2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_110307 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 53.7$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9400/Area Scan (41x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

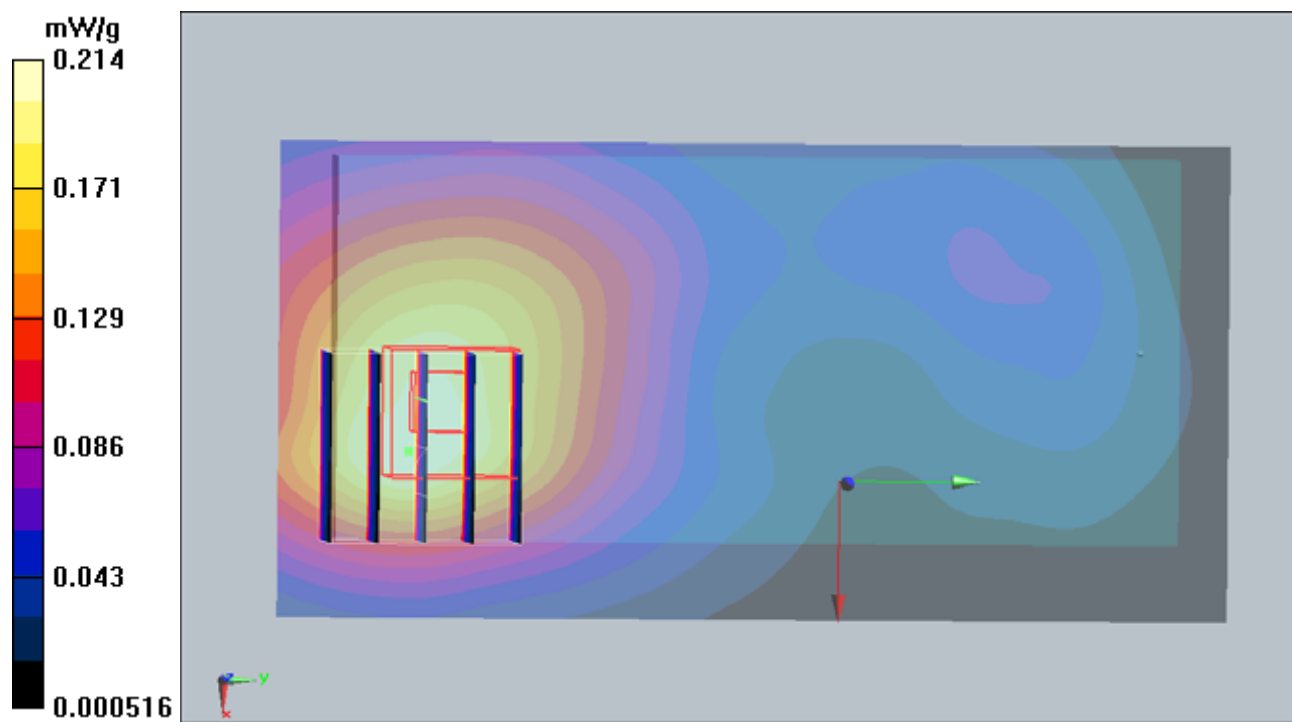
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.21 V/m ; Power Drift = 0.147 dB

Peak SAR (extrapolated) = 0.277 W/kg

SAR(1 g) = 0.202 mW/g ; SAR(10 g) = 0.130 mW/g

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



#12 WCDMA II_RMC12.2K _Bottom Side_1cm_Ch9400_Battery1

DUT: 112819-02

Communication System: WCDMA Band 2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_110307 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 53.7$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9400/Area Scan (31x51x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.801 mW/g

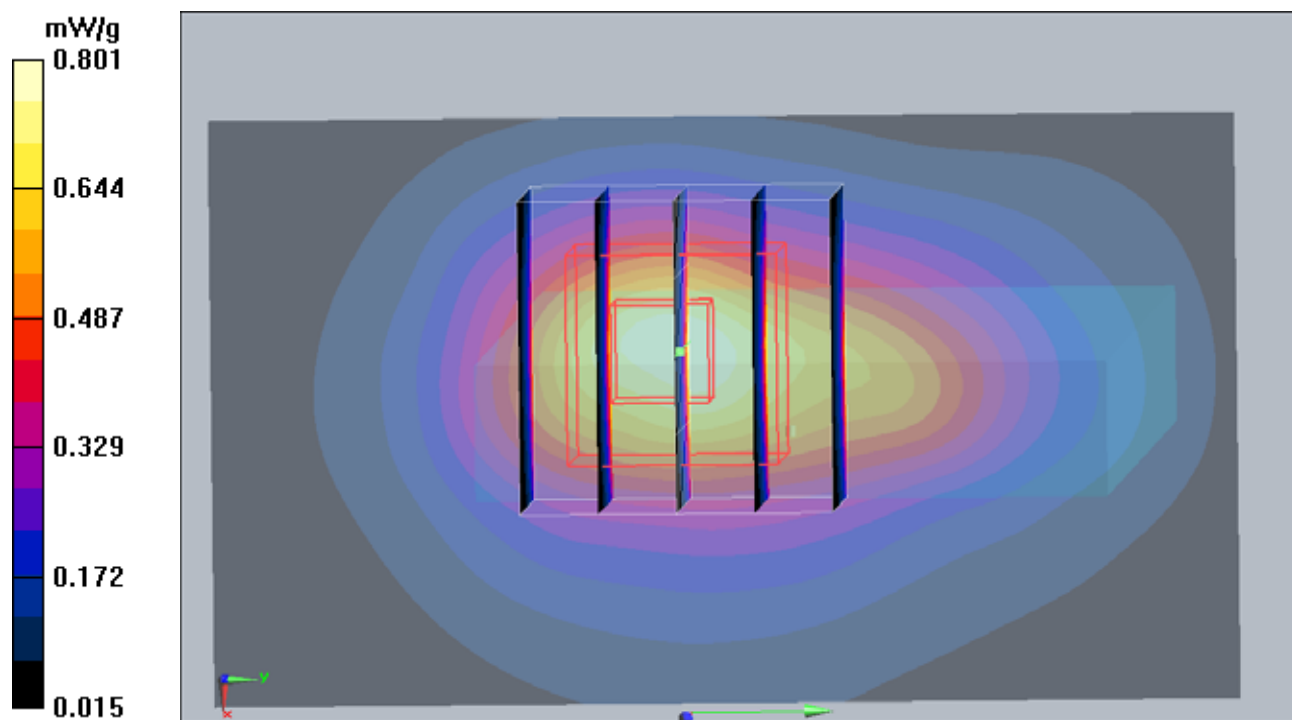
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.3 V/m ; Power Drift = 0.154 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.743 mW/g ; SAR(10 g) = 0.421 mW/g

Maximum value of SAR (measured) = 0.842 mW/g



#13 WCDMA II_RMC12.2K_ Left Side_1cm_Ch9400_Battery1

DUT: 112819-02

Communication System: WCDMA Band 2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_110307 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 53.7$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9400/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.131 mW/g

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

Reference Value = 5.63 V/m; Power Drift = -0.012 dB

Peak SAR (extrapolated) = 0.160 W/kg

SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.074 mW/g

Maximum value of SAR (measured) = 0.126 mW/g

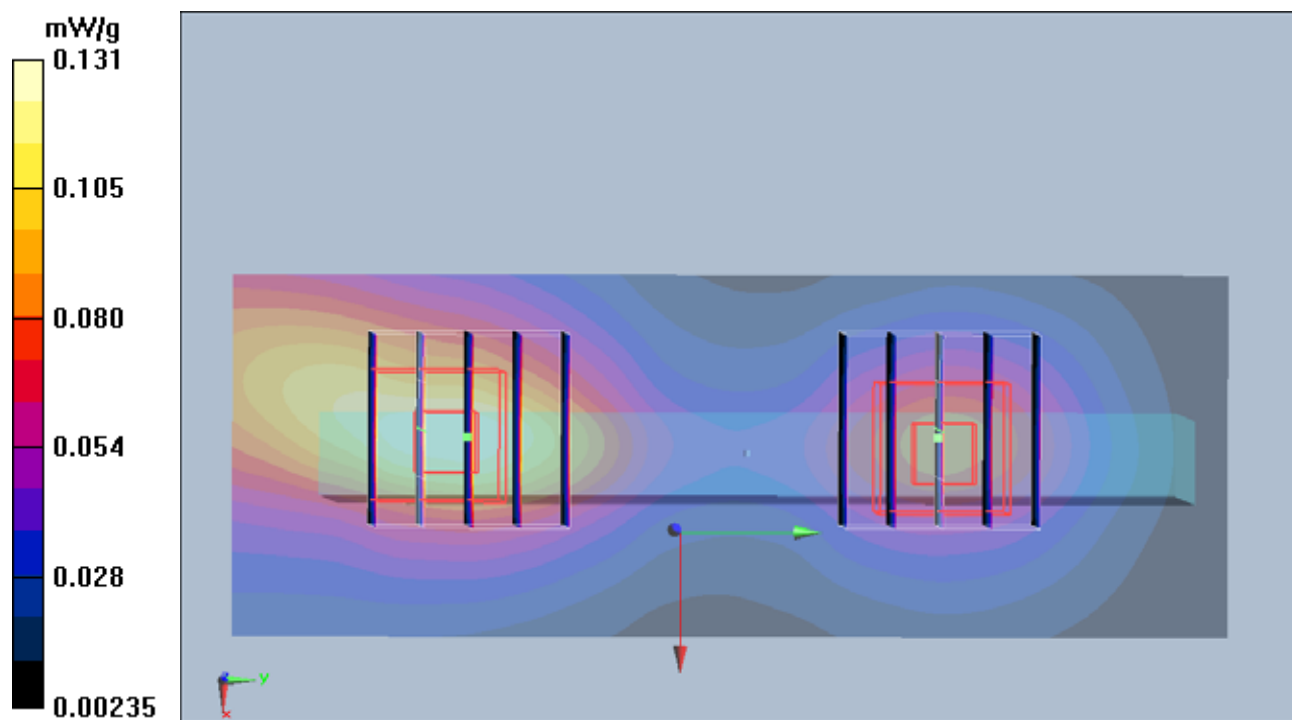
Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.63 V/m; Power Drift = -0.012 dB

Peak SAR (extrapolated) = 0.117 W/kg

SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.051 mW/g

Maximum value of SAR (measured) = 0.088 mW/g



#14 WCDMA II_RMC12.2K_Right Side_1cm_Ch9400_Battery1

DUT: 112819-02

Communication System: WCDMA Band 2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_110307 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 53.7$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9400/Area Scan (31x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.207 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.8 V/m ; Power Drift = 0.193 dB

Peak SAR (extrapolated) = 0.274 W/kg

SAR(1 g) = 0.180 mW/g ; SAR(10 g) = 0.103 mW/g

Maximum value of SAR (measured) = 0.196 mW/g

