

#16 GSM850_GSM_Right Cheek_Ch128

DUT: 130415

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3
Medium: HSL_850_110319 Medium parameters used : $f = 824.2 \text{ MHz}$; $\sigma = 0.907$
 mho/m ; $\epsilon_r = 41.9$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : 21.5°C ; Liquid Temperature : 21.7°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.21, 6.21, 6.21); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (41x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.706 mW/g

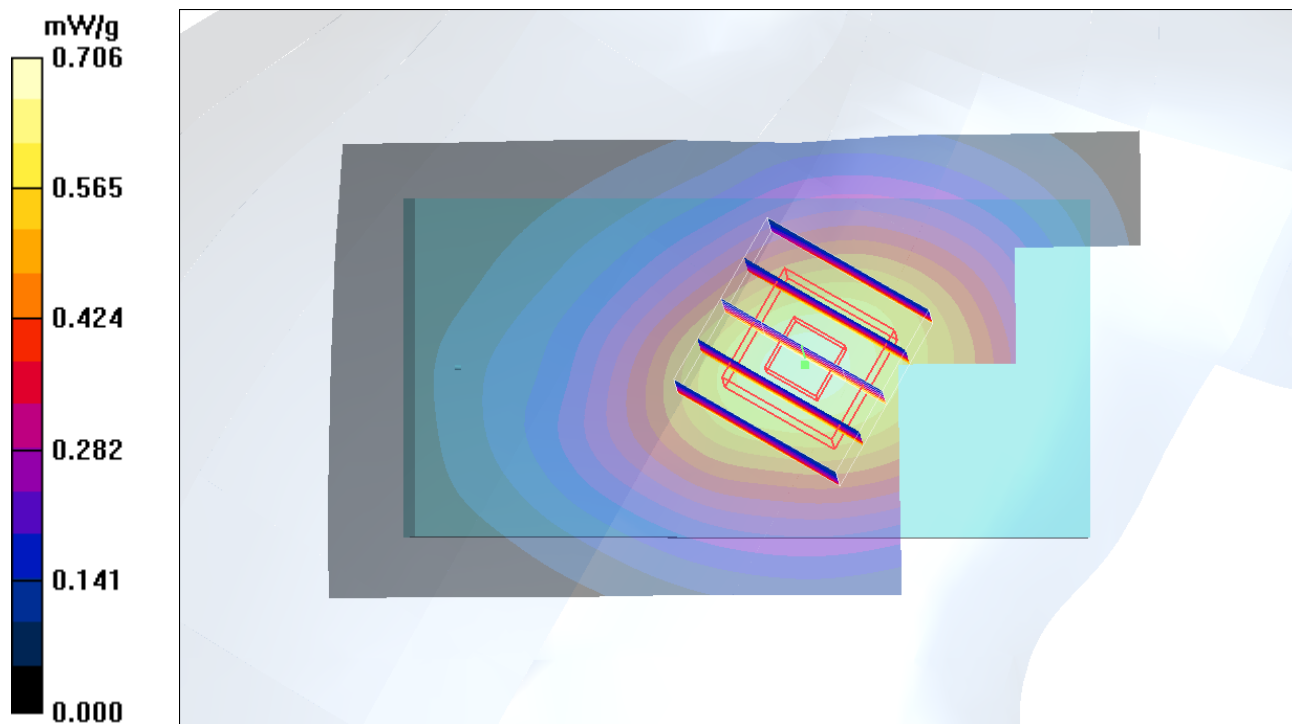
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.4 V/m ; Power Drift = 0.123 dB

Peak SAR (extrapolated) = 0.879 W/kg

SAR(1 g) = 0.678 mW/g ; SAR(10 g) = 0.490 mW/g

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



#16 GSM850_GSM_Right Cheek_Ch128_2D

DUT: 130415

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_850_110319 Medium parameters used : $f = 824.2 \text{ MHz}$; $\sigma = 0.907 \text{ mho/m}$; $\epsilon_r = 41.9$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $21.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.7 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.21, 6.21, 6.21); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 13.4 Build 125

Ch128/Area Scan (41x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.706 mW/g

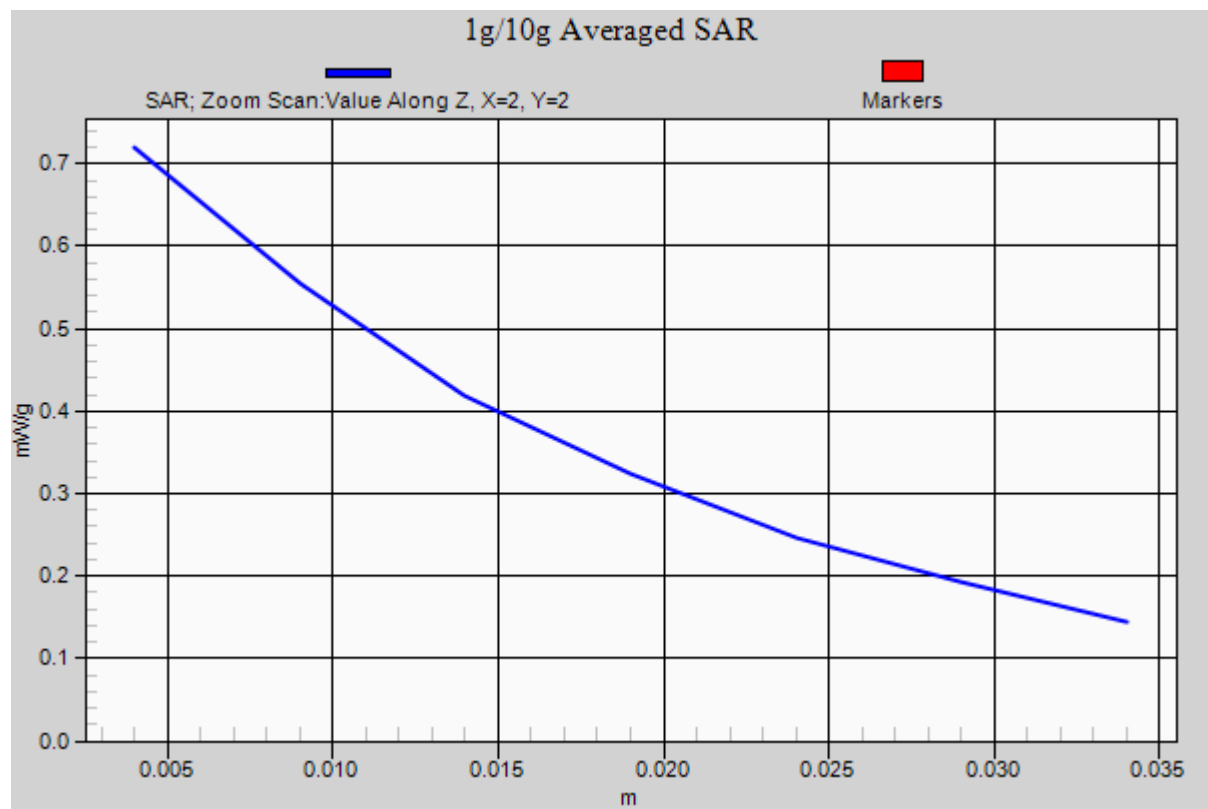
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.4 V/m ; Power Drift = 0.123 dB

Peak SAR (extrapolated) = 0.879 W/kg

SAR(1 g) = 0.678 mW/g ; SAR(10 g) = 0.490 mW/g

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



#17 GSM850_GSM_Right Tilted_Ch128

DUT: 130415

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3
Medium: HSL_850_110319 Medium parameters used : $f = 824.2 \text{ MHz}$; $\sigma = 0.907$
 mho/m ; $\epsilon_r = 41.9$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : 21.5°C ; Liquid Temperature : 21.7°C

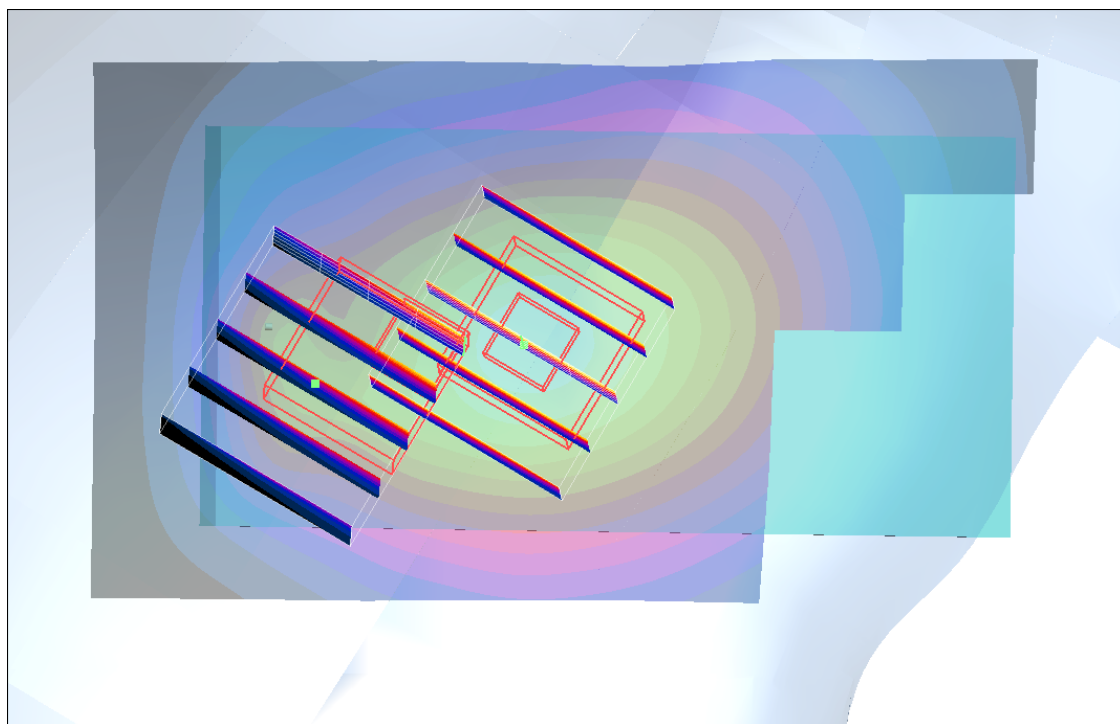
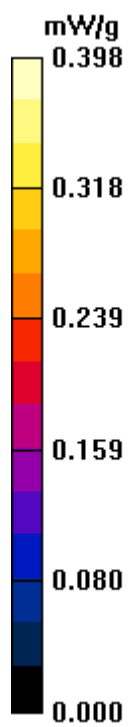
DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.21, 6.21, 6.21); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (41x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.398 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 16.1 V/m ; Power Drift = 0.027 dB
Peak SAR (extrapolated) = 0.468 W/kg
SAR(1 g) = 0.377 mW/g ; SAR(10 g) = 0.281 mW/g
Maximum value of SAR (measured) = 0.400 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 16.1 V/m ; Power Drift = 0.027 dB
Peak SAR (extrapolated) = 0.436 W/kg
SAR(1 g) = 0.300 mW/g ; SAR(10 g) = 0.197 mW/g
Maximum value of SAR (measured) = 0.368 mW/g



#18 GSM850_GSM_Left Cheek_Ch128

DUT: 130415

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3
Medium: HSL_850_110319 Medium parameters used : $f = 824.2 \text{ MHz}$; $\sigma = 0.907$
 mho/m ; $\epsilon_r = 41.9$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : 21.5°C ; Liquid Temperature : 21.7°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.21, 6.21, 6.21); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (41x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.647 mW/g

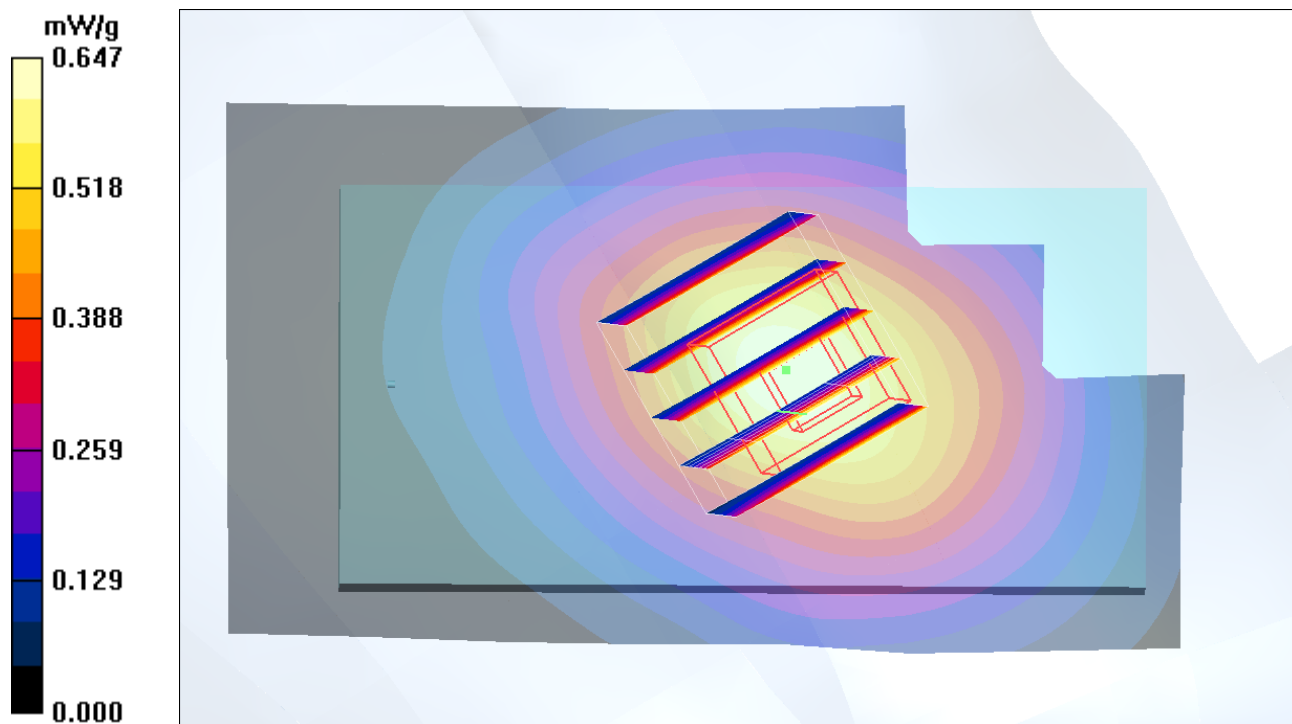
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.87 V/m ; Power Drift = -0.185 dB

Peak SAR (extrapolated) = 0.827 W/kg

SAR(1 g) = 0.628 mW/g ; SAR(10 g) = 0.446 mW/g

Maximum value of SAR (measured) = 0.656 mW/g



#19 GSM850_GSM_Left Tilted_Ch128

DUT: 130415

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3
Medium: HSL_850_110319 Medium parameters used : $f = 824.2 \text{ MHz}$; $\sigma = 0.907$
 mho/m ; $\epsilon_r = 41.9$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : 21.5°C ; Liquid Temperature : 21.7°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.21, 6.21, 6.21); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (41x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.365 mW/g

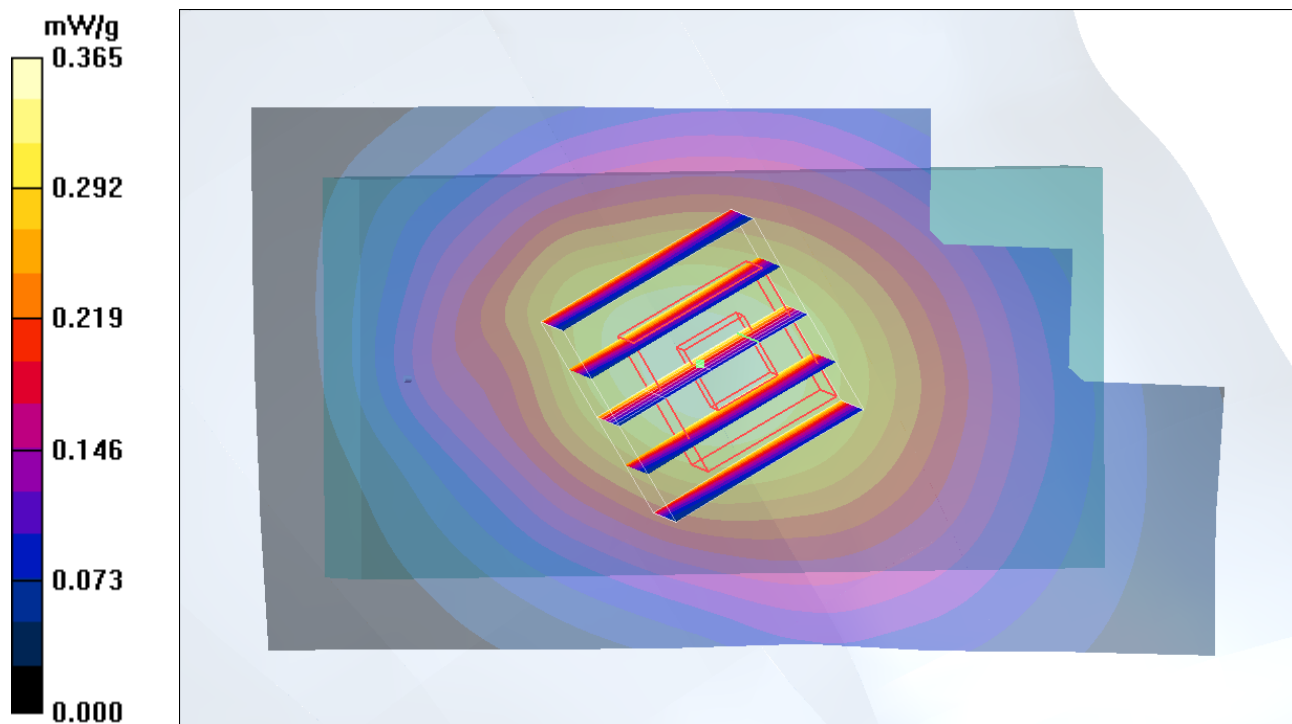
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.2 V/m ; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.396 W/kg

SAR(1 g) = 0.332 mW/g ; SAR(10 g) = 0.253 mW/g

Maximum value of SAR (measured) = 0.344 mW/g



#20 GSM1900_GSM_Right Cheek_Ch661

DUT: 130415

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

Medium: HSL_1900_110320 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$

mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.659 mW/g

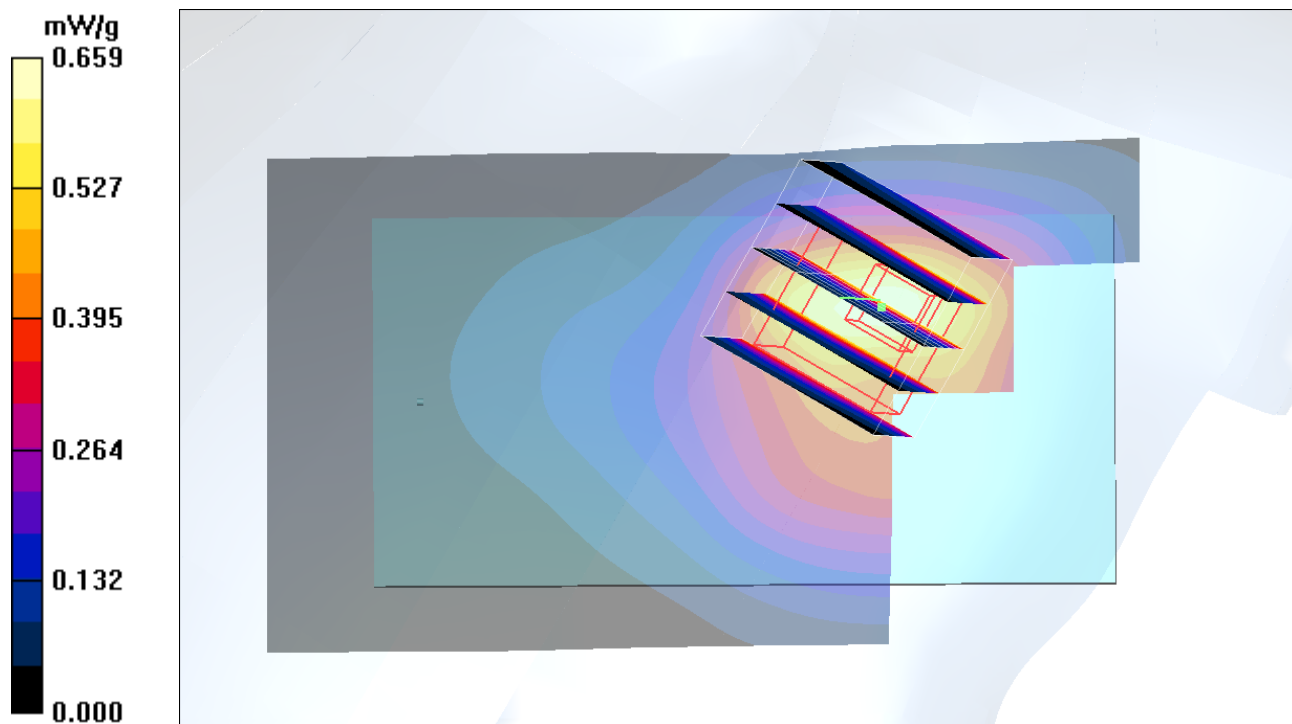
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.73 V/m; Power Drift = -0.080 dB

Peak SAR (extrapolated) = 0.855 W/kg

SAR(1 g) = 0.560 mW/g; SAR(10 g) = 0.340 mW/g

Maximum value of SAR (measured) = 0.609 mW/g



#20 GSM1900_GSM_Right Cheek_Ch661_2D

DUT: 130415

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

Medium: HSL_1900_110320 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.43 \text{ mho/m}$; $\epsilon_r = 38.8$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 21.5°C ; Liquid Temperature : 21.7°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (41x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.659 mW/g

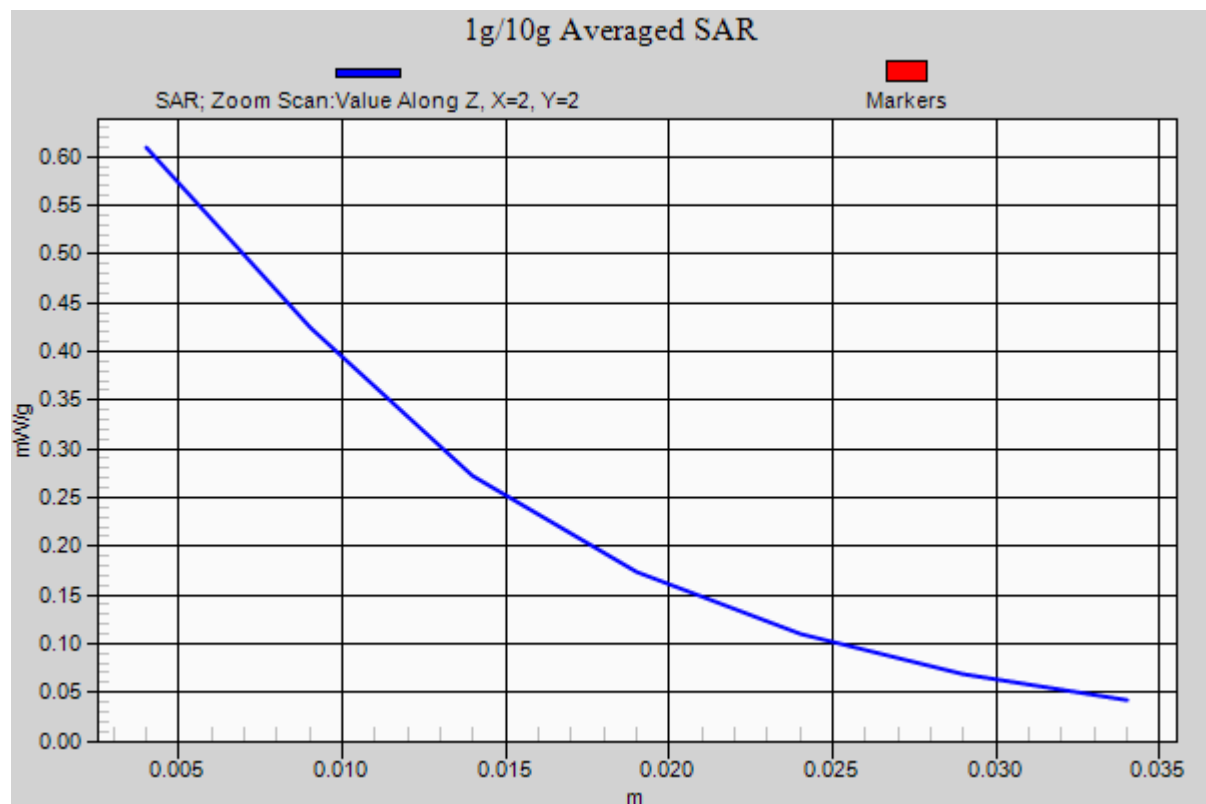
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.73 V/m ; Power Drift = -0.080 dB

Peak SAR (extrapolated) = 0.855 W/kg

SAR(1 g) = 0.560 mW/g ; SAR(10 g) = 0.340 mW/g

Maximum value of SAR (measured) = 0.609 mW/g



#21 GSM1900_GSM_Right Tilted_Ch661

DUT: 130415

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

Medium: HSL_1900_110320 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$

mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.171 mW/g

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

Reference Value = 9.27 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.224 W/kg

SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.104 mW/g

Maximum value of SAR (measured) = 0.171 mW/g

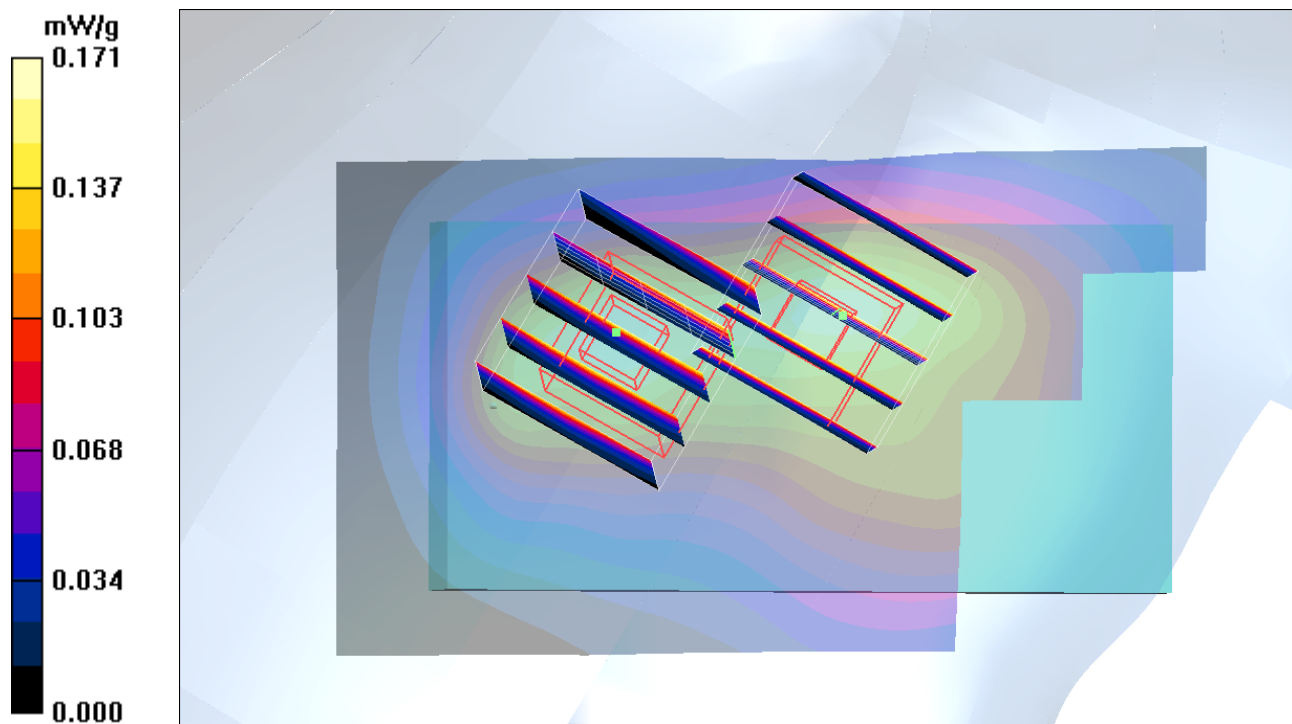
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.27 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.201 W/kg

SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.093 mW/g

Maximum value of SAR (measured) = 0.154 mW/g



#22 GSM1900_GSM_Left Cheek_Ch661

DUT: 130415

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

Medium: HSL_1900_110320 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.513 mW/g

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

Reference Value = 4.14 V/m; Power Drift = -0.119 dB

Peak SAR (extrapolated) = 0.747 W/kg

SAR(1 g) = 0.456 mW/g; SAR(10 g) = 0.262 mW/g

Maximum value of SAR (measured) = 0.481 mW/g

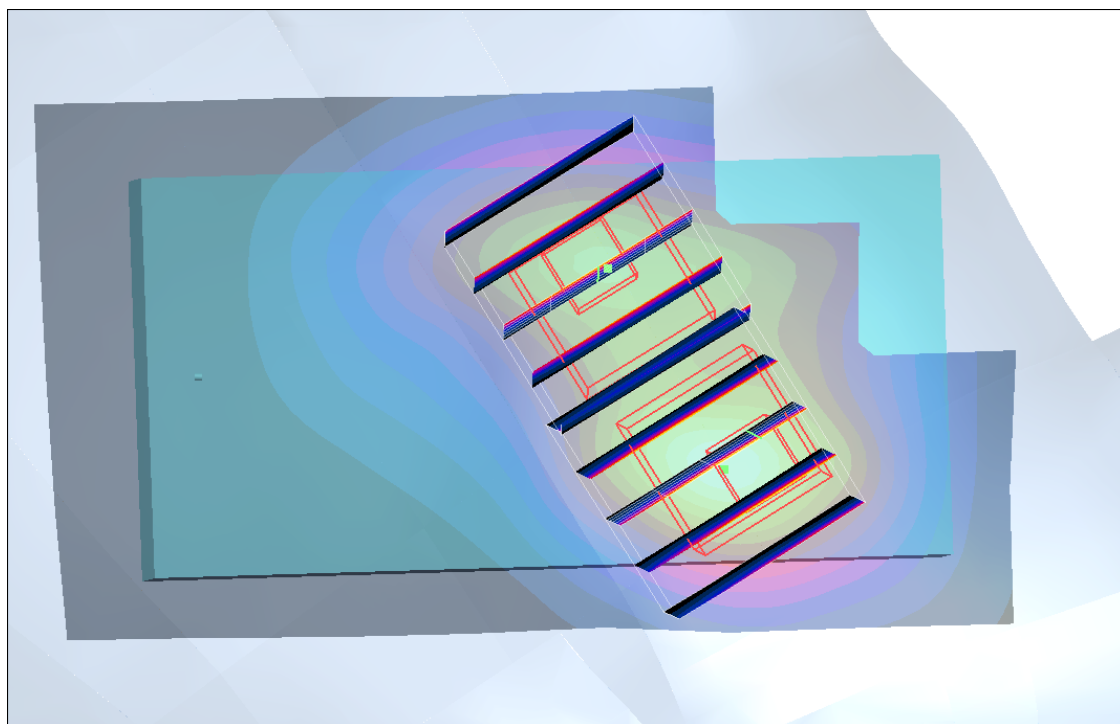
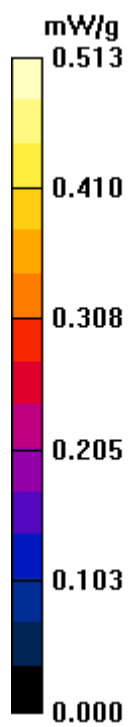
Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.14 V/m; Power Drift = -0.119 dB

Peak SAR (extrapolated) = 0.521 W/kg

SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.233 mW/g

Maximum value of SAR (measured) = 0.398 mW/g



#23 GSM1900_GSM_Left Tilted_Ch661

DUT: 130415

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

Medium: HSL_1900_110320 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$

mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.201 mW/g

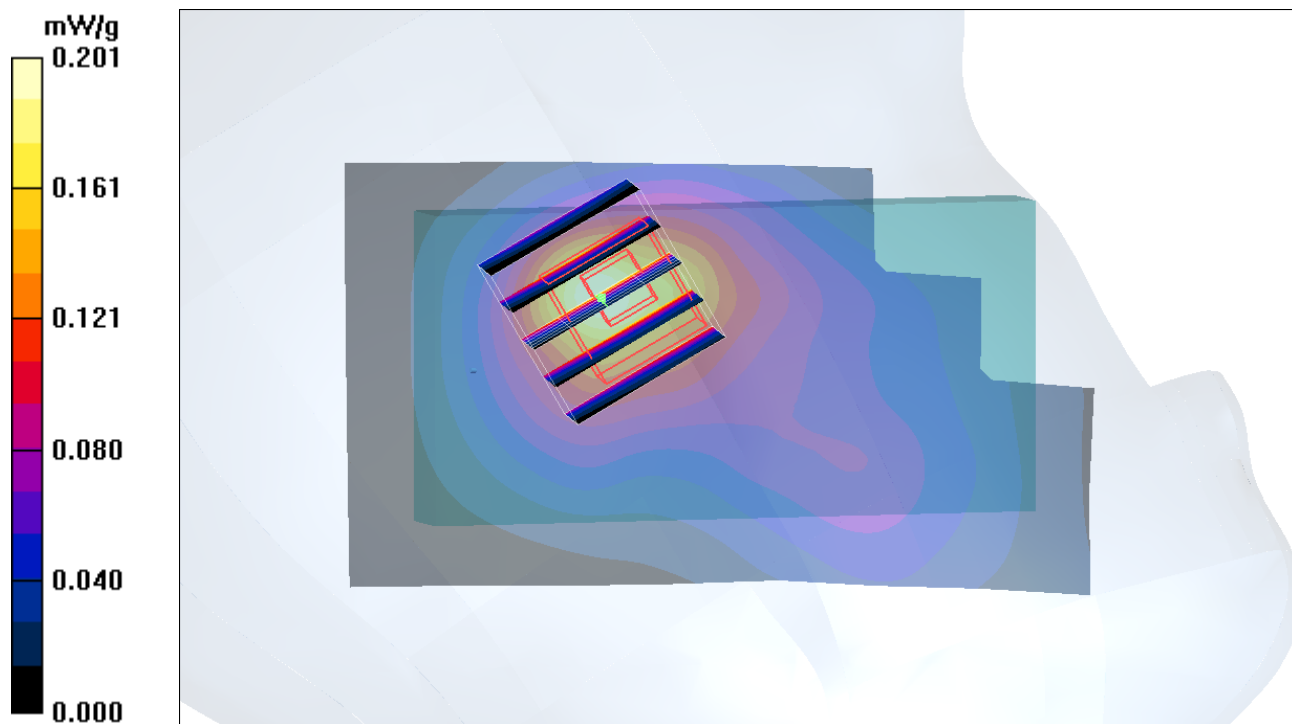
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.79 V/m; Power Drift = -0.118 dB

Peak SAR (extrapolated) = 0.230 W/kg

SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.099 mW/g

Maximum value of SAR (measured) = 0.168 mW/g



#51 WCDMA V_RMC12.2K_Right Cheek_Ch4182

DUT: 130415

Communication System: WCDMA Band 5; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: HSL_850_110321 Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.886 \text{ mho/m}$; $\epsilon_r = 41.5$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.23, 6.23, 6.23); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

Ch4182/Area Scan (41x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.999 mW/g

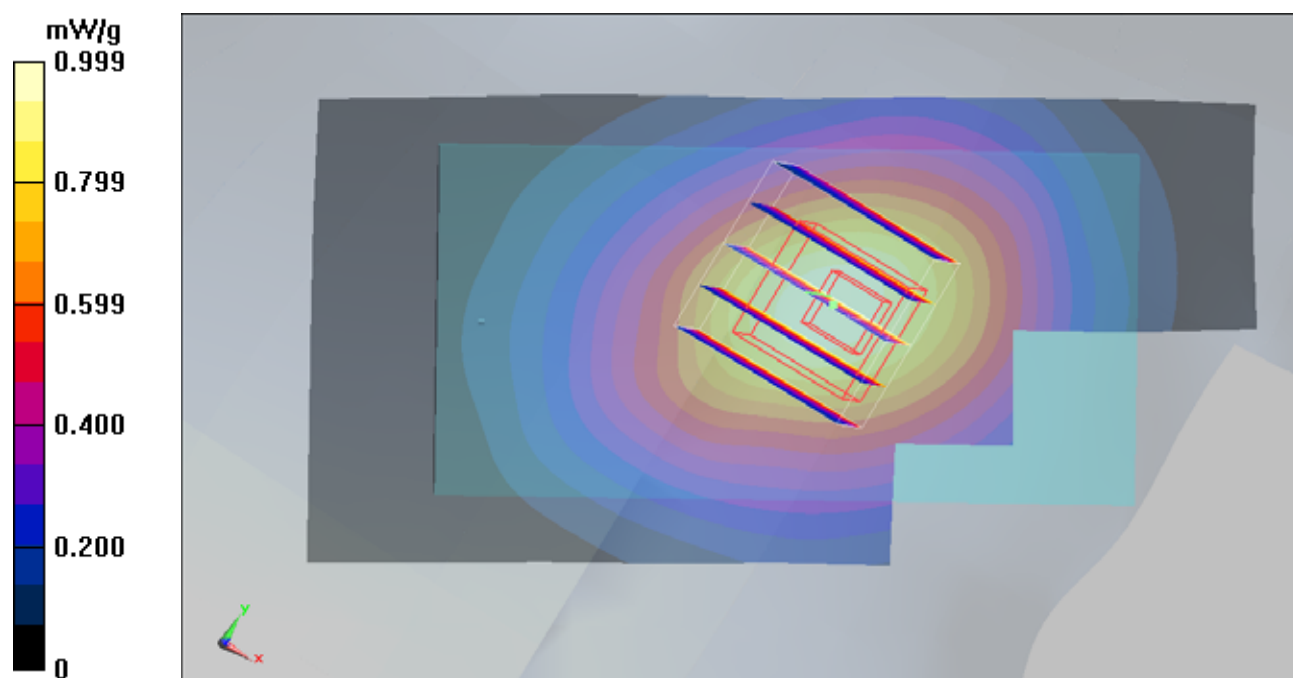
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.3 V/m ; Power Drift = 0.075 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.957 mW/g ; SAR(10 g) = 0.701 mW/g

Maximum value of SAR (measured) = 0.995 mW/g



#51 WCDMA V_RMC12.2K_Right Cheek_Ch4182_2D

DUT: 130415

Communication System: WCDMA Band 5; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: HSL_850_110321 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.886$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °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: DAE4 Sn778; Calibrated: 2010/10/22
- 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

Ch4182/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.999 mW/g

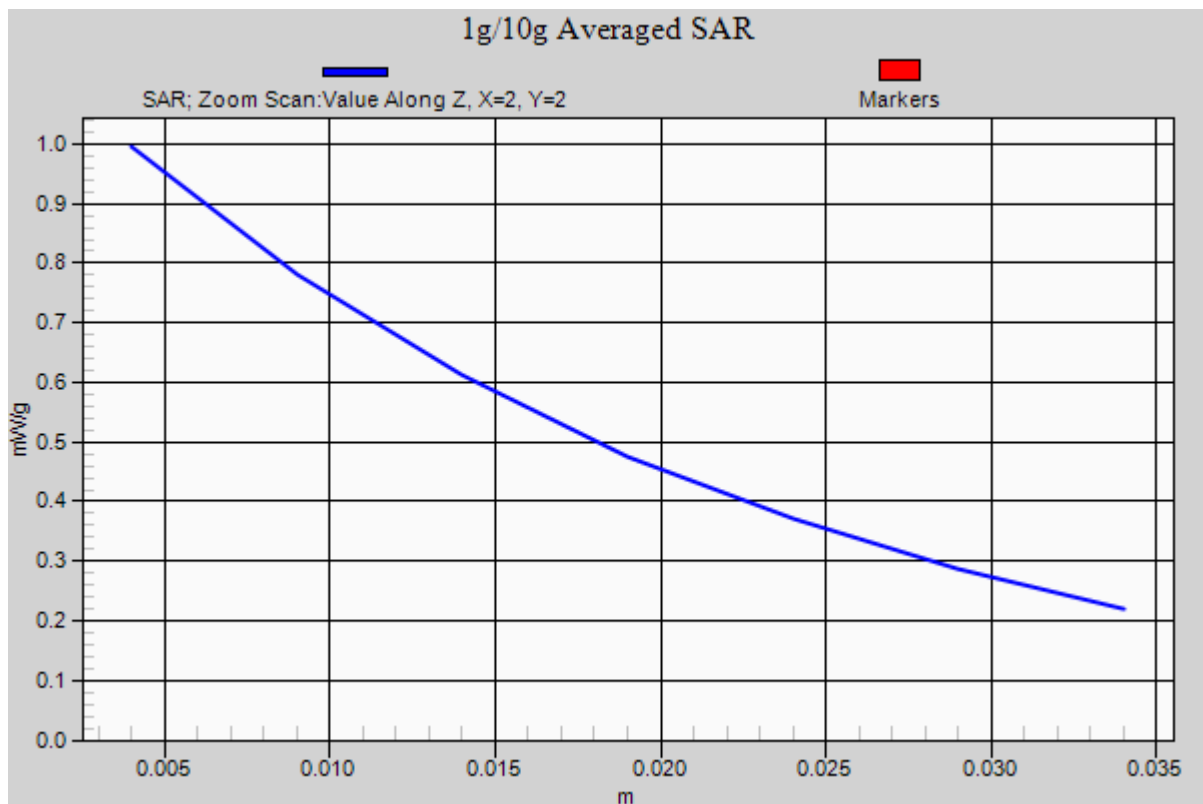
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.3 V/m; Power Drift = 0.075 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.957 mW/g; SAR(10 g) = 0.701 mW/g

Maximum value of SAR (measured) = 0.995 mW/g



#48 WCDMA V_RMC12.2K_Right Tilted_Ch4132

DUT: 130415

Communication System: WCDMA Band 5; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: HSL_850_110321 Medium parameters used: $f = 826.4 \text{ MHz}$; $\sigma = 0.876 \text{ mho/m}$; $\epsilon_r = 41.6$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 °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: DAE4 Sn778; Calibrated: 2010/10/22
- 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

Ch4132/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.485 mW/g

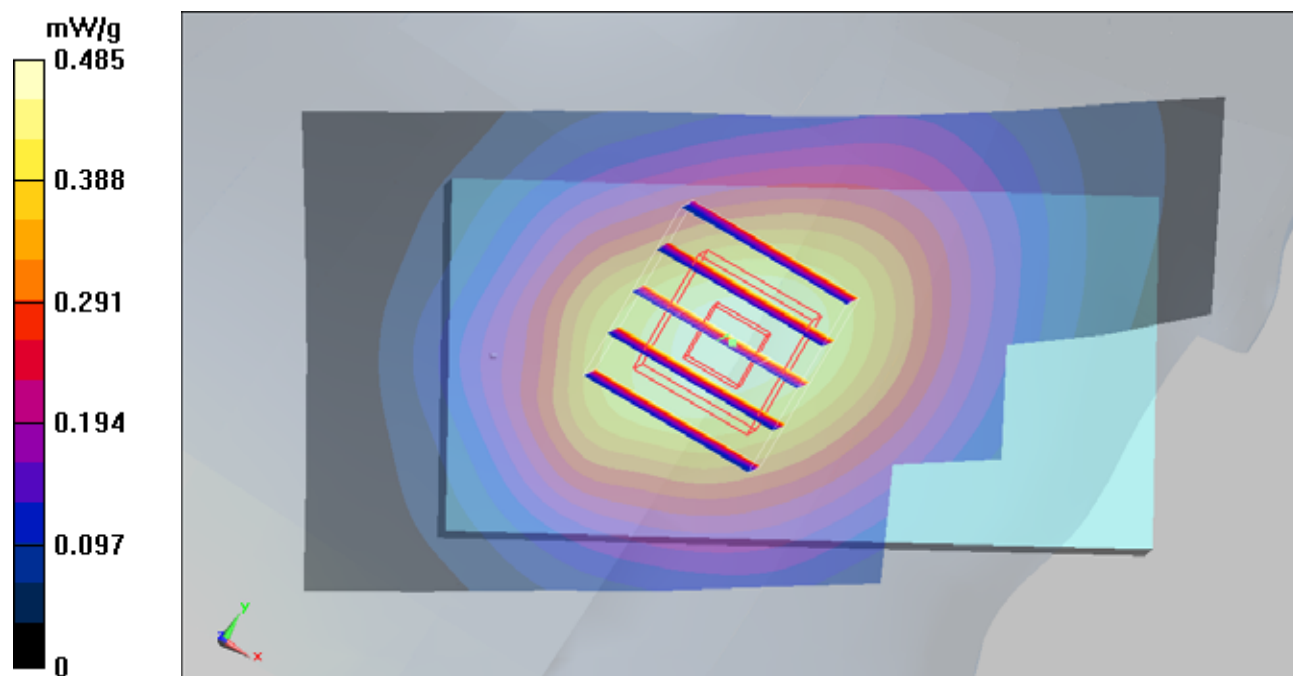
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.3 V/m; Power Drift = -0.057 dB

Peak SAR (extrapolated) = 0.539 W/kg

SAR(1 g) = 0.449 mW/g; SAR(10 g) = 0.337 mW/g

Maximum value of SAR (measured) = 0.475 mW/g



#49 WCDMA V_RMC12.2K_Left Cheek_Ch4132

DUT: 130415

Communication System: WCDMA Band 5; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: HSL_850_110321 Medium parameters used: $f = 826.4 \text{ MHz}$; $\sigma = 0.876 \text{ mho/m}$; $\epsilon_r = 41.6$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 °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: DAE4 Sn778; Calibrated: 2010/10/22
- 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

Ch4132/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.734 mW/g

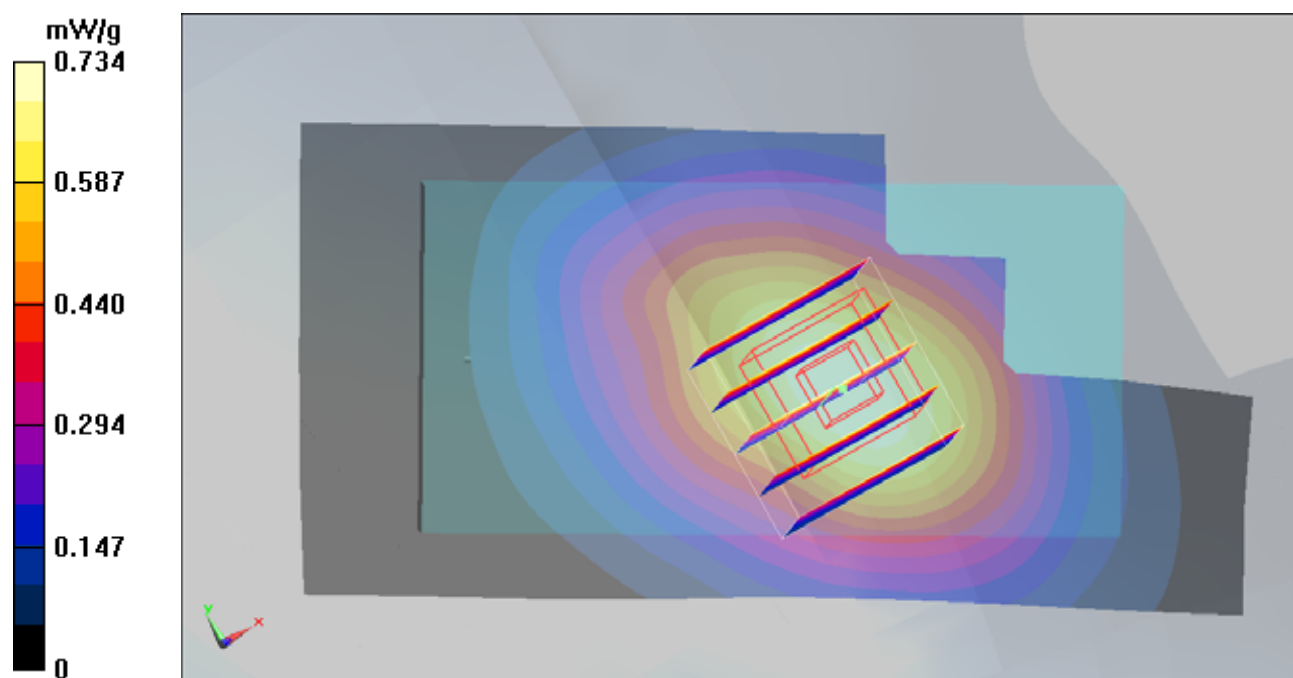
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.4 V/m; Power Drift = 0.094 dB

Peak SAR (extrapolated) = 0.878 W/kg

SAR(1 g) = 0.698 mW/g; SAR(10 g) = 0.513 mW/g

Maximum value of SAR (measured) = 0.740 mW/g



#50 WCDMA V_RMC12.2K_Left Tilted_Ch4132

DUT: 130415

Communication System: WCDMA Band 5; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: HSL_850_110321 Medium parameters used: $f = 826.4 \text{ MHz}$; $\sigma = 0.876 \text{ mho/m}$; $\epsilon_r = 41.6$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 °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: DAE4 Sn778; Calibrated: 2010/10/22
- 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

Ch4132/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.431 mW/g

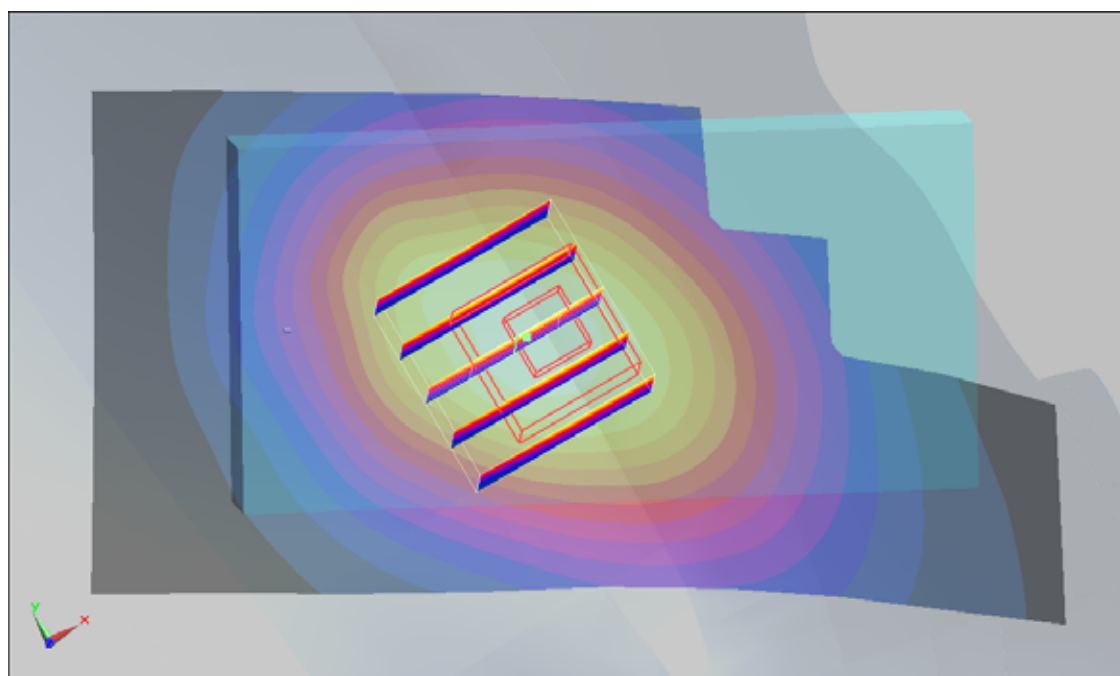
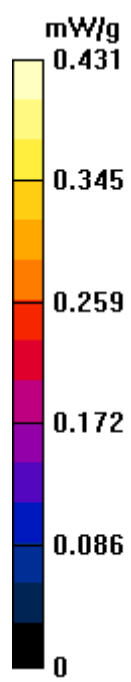
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.7 V/m; Power Drift = -0.079 dB

Peak SAR (extrapolated) = 0.478 W/kg

SAR(1 g) = 0.402 mW/g; SAR(10 g) = 0.308 mW/g

Maximum value of SAR (measured) = 0.416 mW/g



#08 GSM850_GPRS10_Rear Face_1cm_Ch128

DUT: 130415

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL_850_110319 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 : $23.0 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

Ch128/Area Scan (41x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 1.02 mW/g

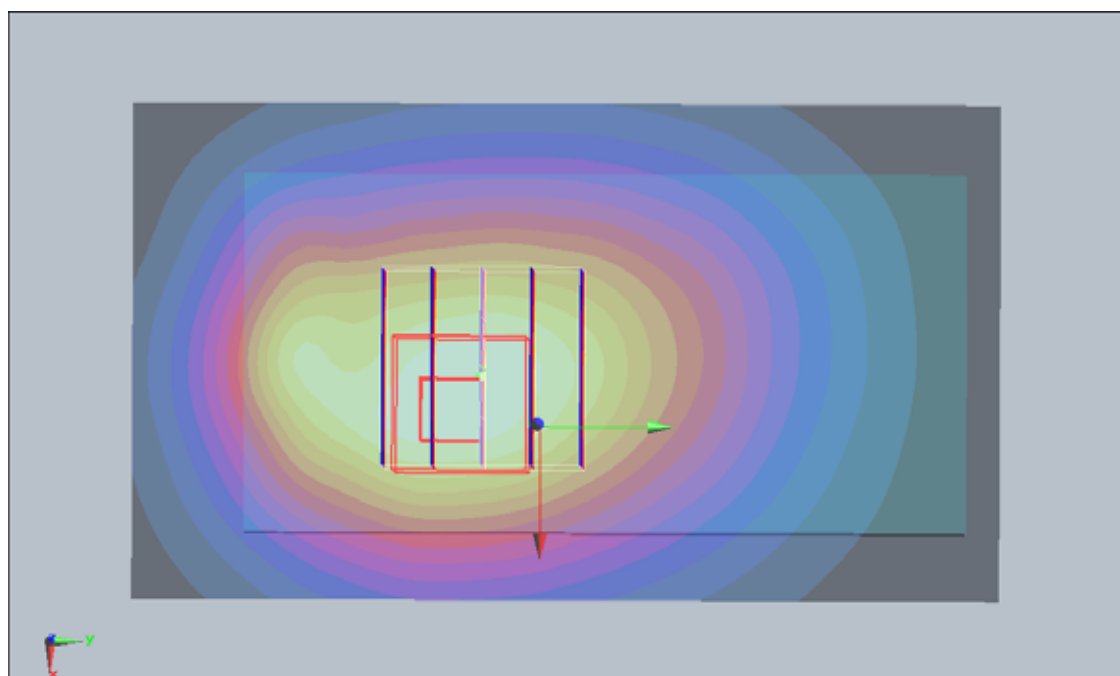
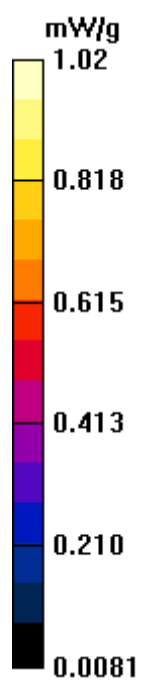
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 31.4 V/m ; Power Drift = -0.072 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.979 mW/g ; SAR(10 g) = 0.673 mW/g

Maximum value of SAR (measured) = 1.02 mW/g



#08 GSM850_GPRS10_Rear Face_1cm_Ch128_2D

DUT: 130415

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL_850_110319 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 : $23.0 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

Ch128/Area Scan (41x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 1.02 mW/g

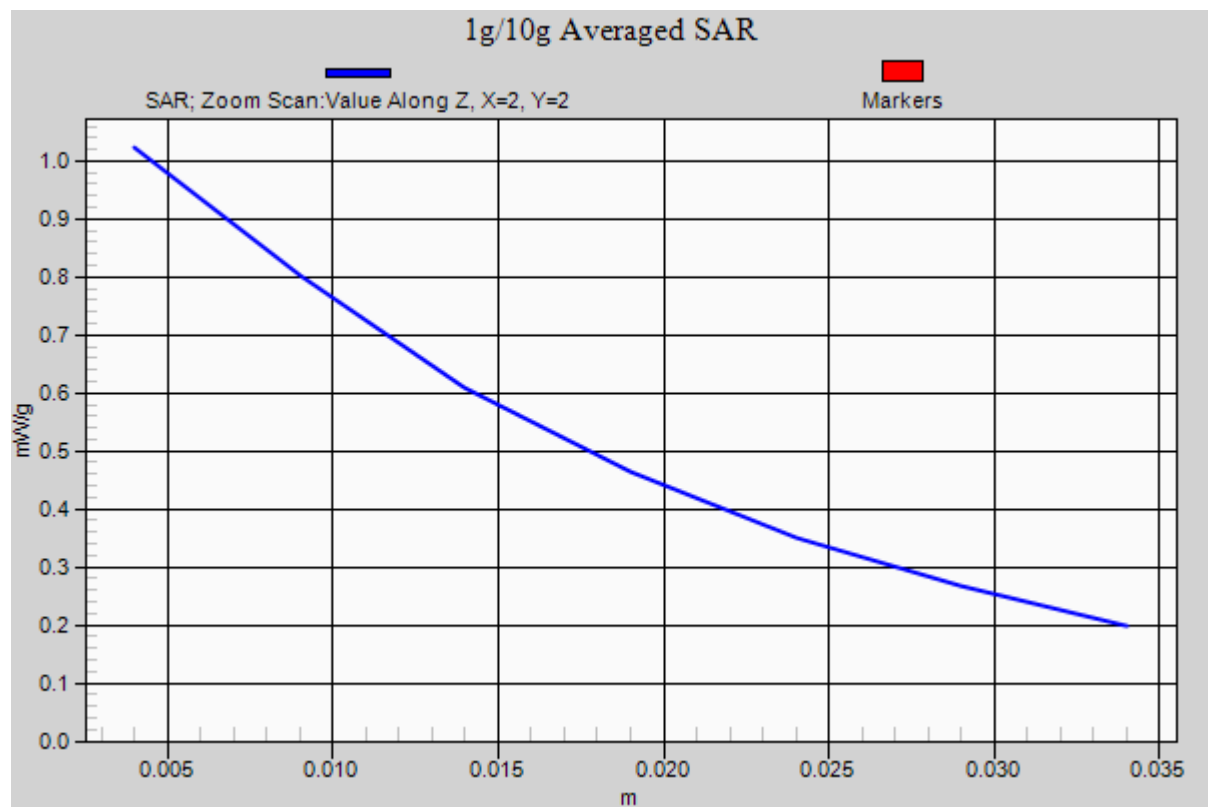
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 31.4 V/m ; Power Drift = -0.072 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.979 mW/g ; SAR(10 g) = 0.673 mW/g

Maximum value of SAR (measured) = 1.02 mW/g



#09 GSM850_GPRS10_Front Face_1cm_Ch128

DUT: 130415

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL_850_110319 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 : $23.0 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

Ch128/Area Scan (41x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.744 mW/g

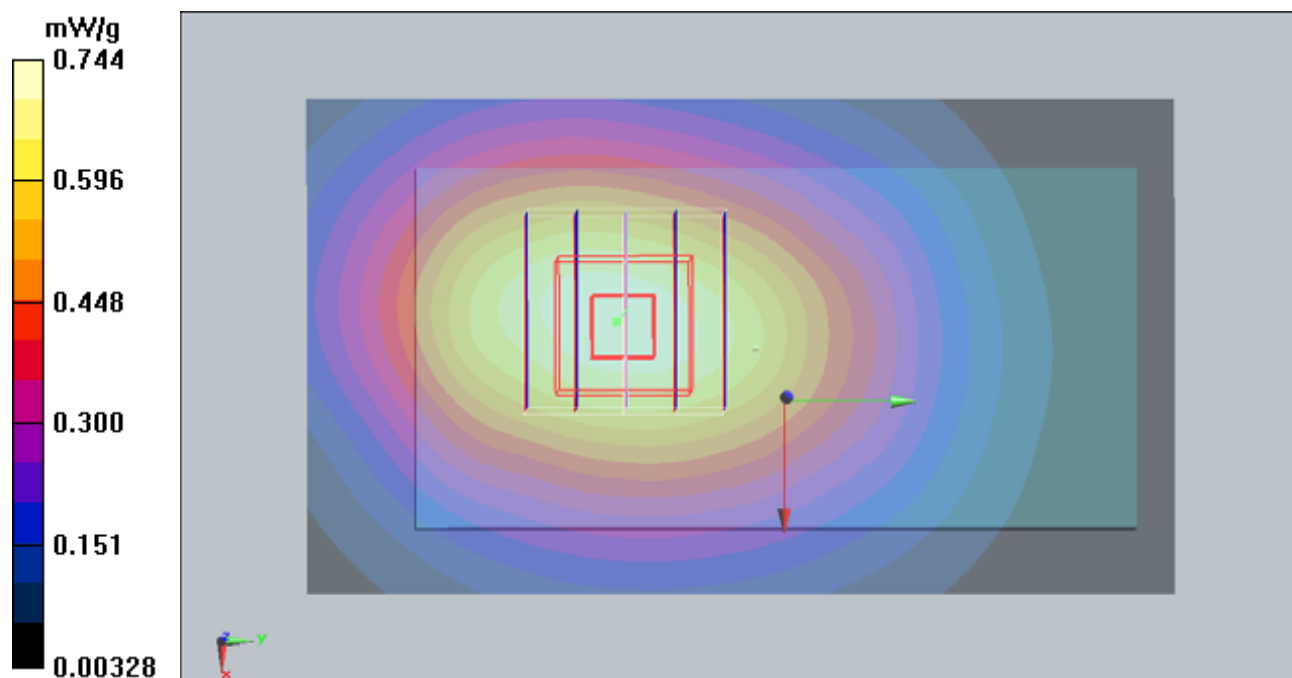
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.3 V/m ; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 0.989 W/kg

SAR(1 g) = 0.711 mW/g ; SAR(10 g) = 0.530 mW/g

Maximum value of SAR (measured) = 0.742 mW/g



#10 GSM850_GPRS10_Left Side_1cm_Ch128

DUT: 130415

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL_850_110319 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 : $23.0 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

Ch128/Area Scan (21x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.515 mW/g

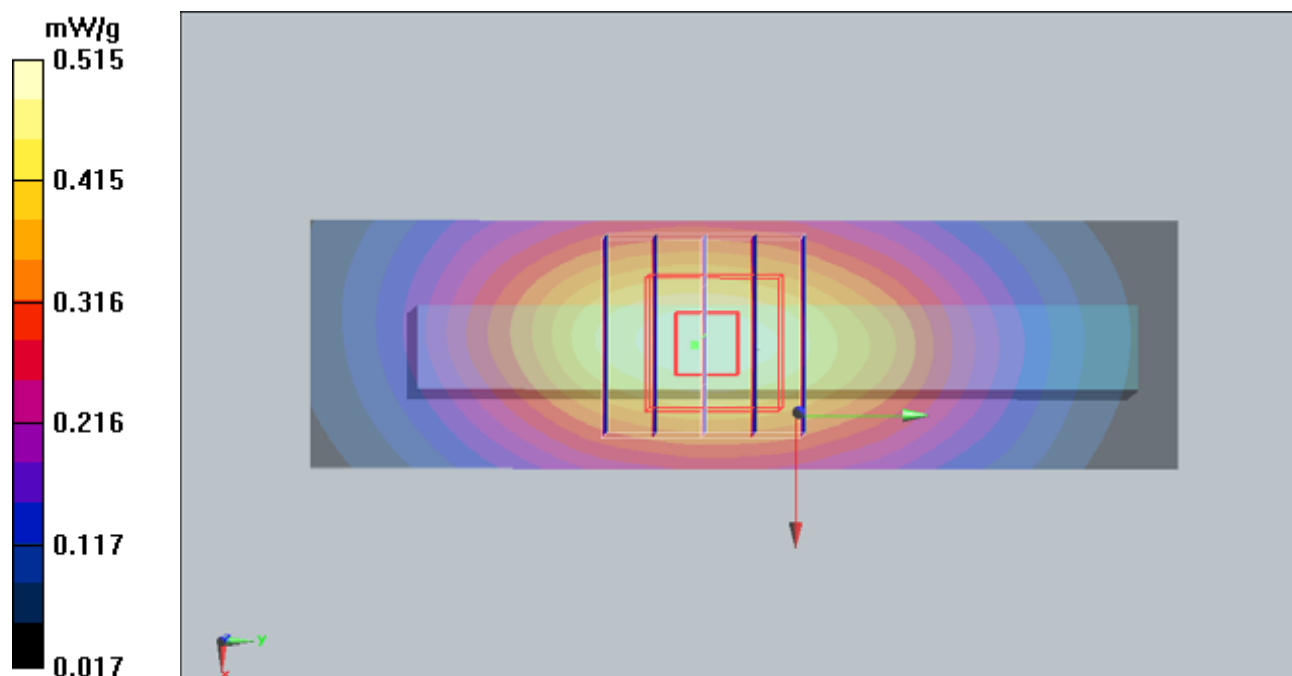
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 23.8 V/m ; Power Drift = -0.059 dB

Peak SAR (extrapolated) = 0.621 W/kg

SAR(1 g) = 0.469 mW/g ; SAR(10 g) = 0.327 mW/g

Maximum value of SAR (measured) = 0.502 mW/g



#11 GSM850_GPRS10_Right Side_1cm_Ch128

DUT: 130415

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL_850_110319 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.953$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

Ch128/Area Scan (21x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.518 mW/g

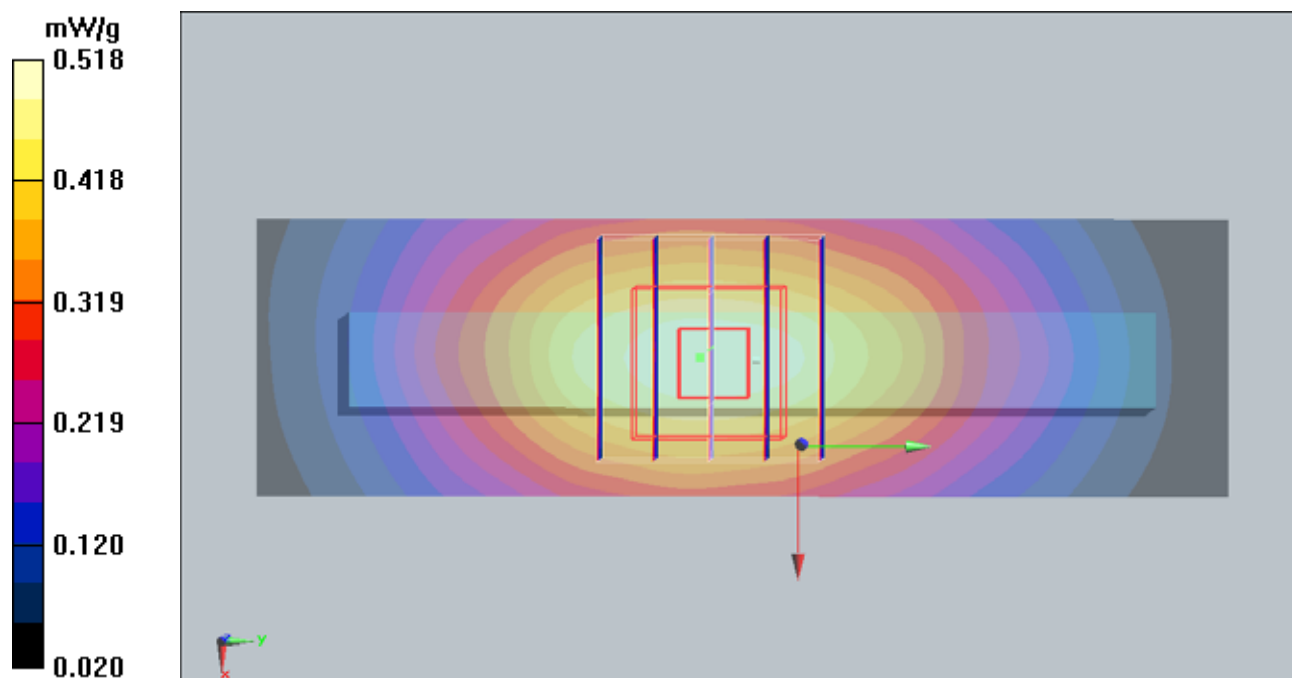
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.1 V/m; Power Drift = -0.065 dB

Peak SAR (extrapolated) = 0.631 W/kg

SAR(1 g) = 0.485 mW/g; SAR(10 g) = 0.345 mW/g

Maximum value of SAR (measured) = 0.516 mW/g



#13 GSM850_GPRS10_Bottom Side_1cm_Ch128

DUT: 130415

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL_850_110319 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 : $23.0 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

Ch128/Area Scan (21x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.070 mW/g

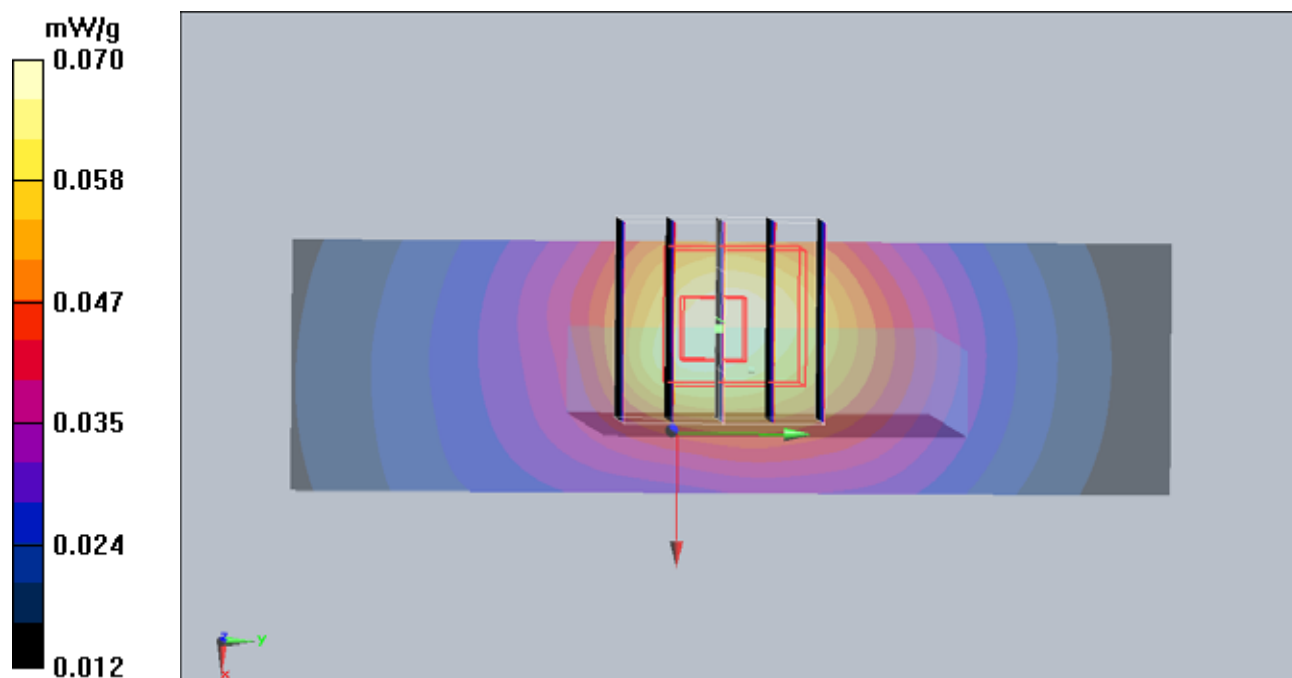
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.69 V/m ; Power Drift = 0.092 dB

Peak SAR (extrapolated) = 0.151 W/kg

SAR(1 g) = 0.071 mW/g ; SAR(10 g) = 0.042 mW/g

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



#01 GSM1900_GPRS12_Rear Face_1cm_Ch661

DUT: 130415

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: MSL_1900_110319 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.48 \text{ mho/m}$; $\epsilon_r = 53.4$; $\rho = 1000 \text{ kg/m}^3$

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: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (41x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

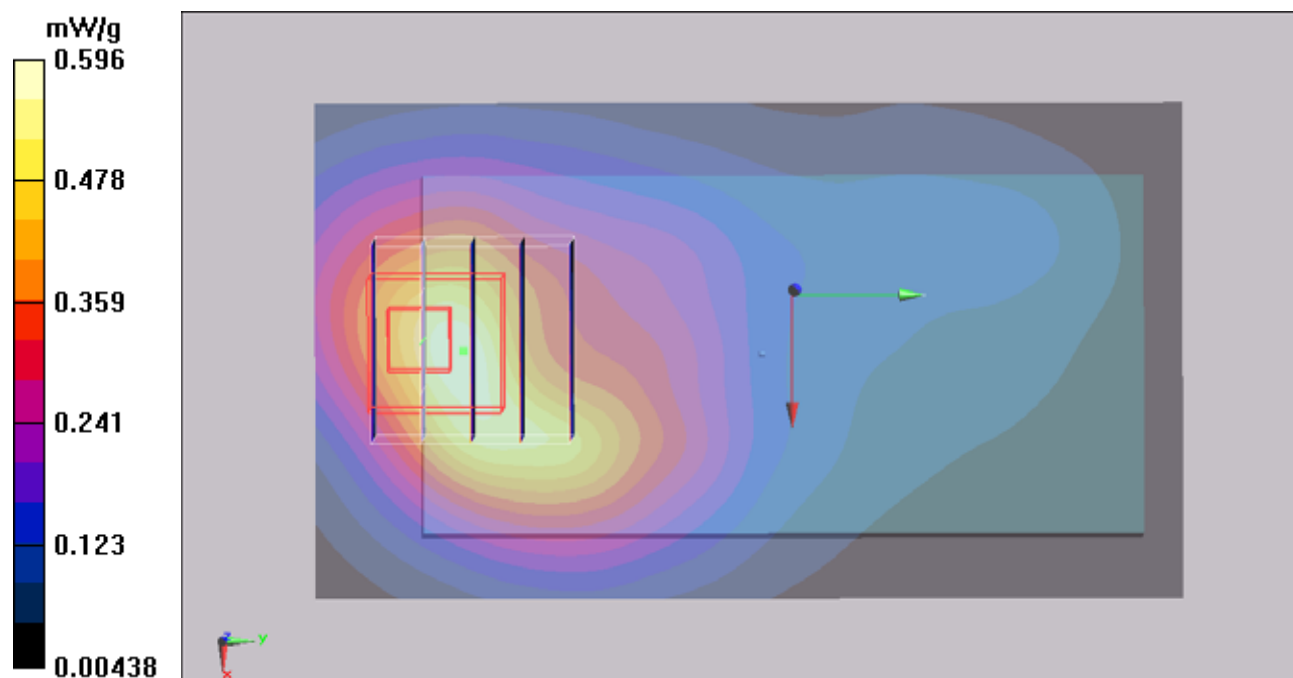
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.7 V/m ; Power Drift = -0.136 dB

Peak SAR (extrapolated) = 0.699 W/kg

SAR(1 g) = 0.521 mW/g ; SAR(10 g) = 0.316 mW/g

Maximum value of SAR (measured) = 0.583 mW/g



#01 GSM1900_GPRS12_Rear Face_1cm_Ch661_2D

DUT: 130415

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: MSL_1900_110319 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.48 \text{ mho/m}$; $\epsilon_r = 53.4$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (41x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

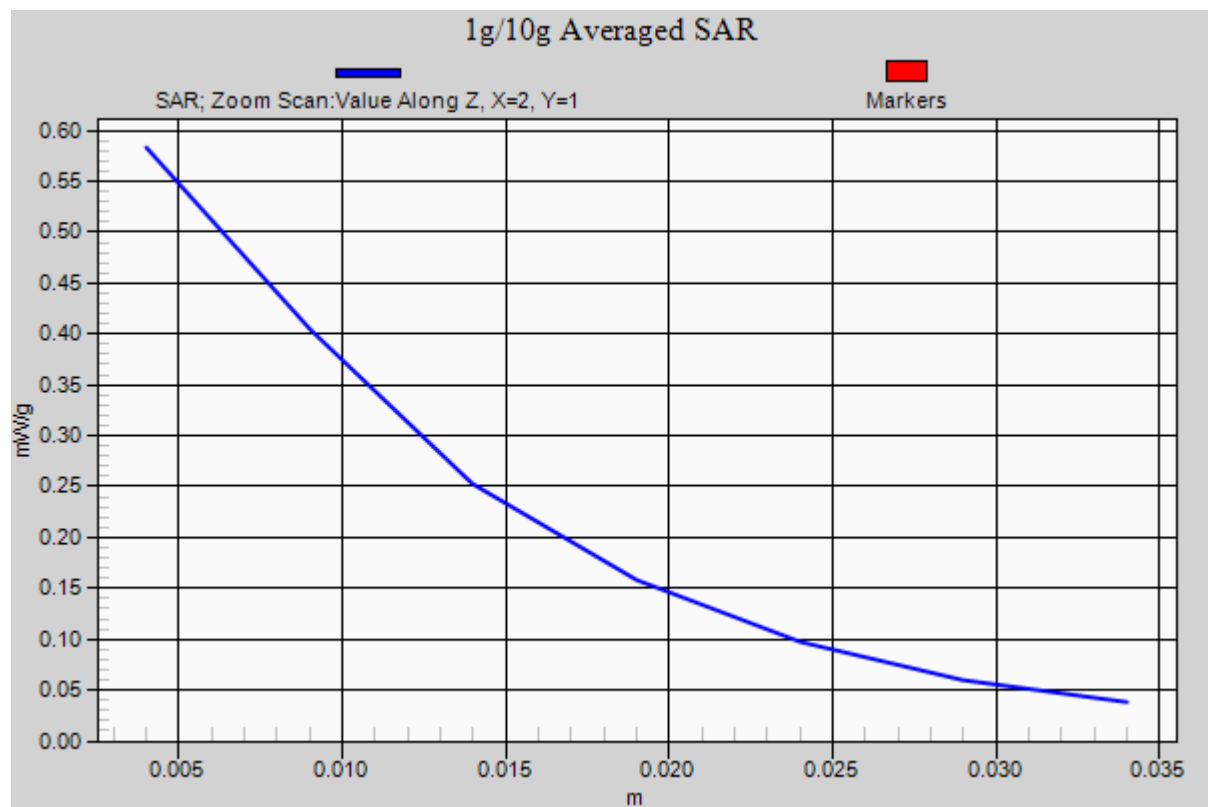
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.7 V/m ; Power Drift = -0.136 dB

Peak SAR (extrapolated) = 0.699 W/kg

SAR(1 g) = 0.521 mW/g ; SAR(10 g) = 0.316 mW/g

Maximum value of SAR (measured) = 0.583 mW/g



#02 GSM1900_GPRS12_Front Face_1cm_Ch661

DUT: 130415

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: MSL_1900_110319 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.48 \text{ mho/m}$; $\epsilon_r = 53.4$; $\rho = 1000 \text{ kg/m}^3$

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: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (41x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.438 mW/g

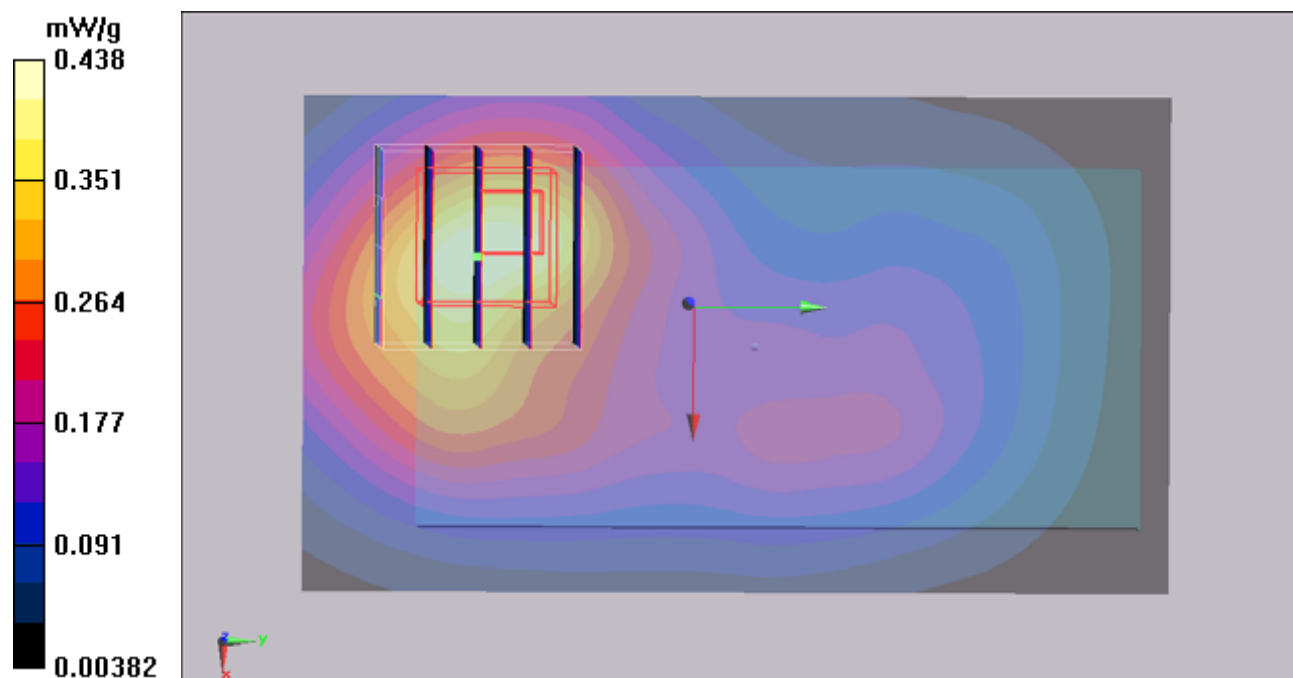
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.3 V/m ; Power Drift = -0.069 dB

Peak SAR (extrapolated) = 0.500 W/kg

SAR(1 g) = 0.354 mW/g ; SAR(10 g) = 0.220 mW/g

Maximum value of SAR (measured) = 0.388 mW/g



#03 GSM1900_GPRS12_Left Side_1cm_Ch661

DUT: 130415

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: MSL_1900_110319 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.48 \text{ mho/m}$; $\epsilon_r = 53.4$; $\rho = 1000 \text{ kg/m}^3$

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: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (21x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.173 mW/g

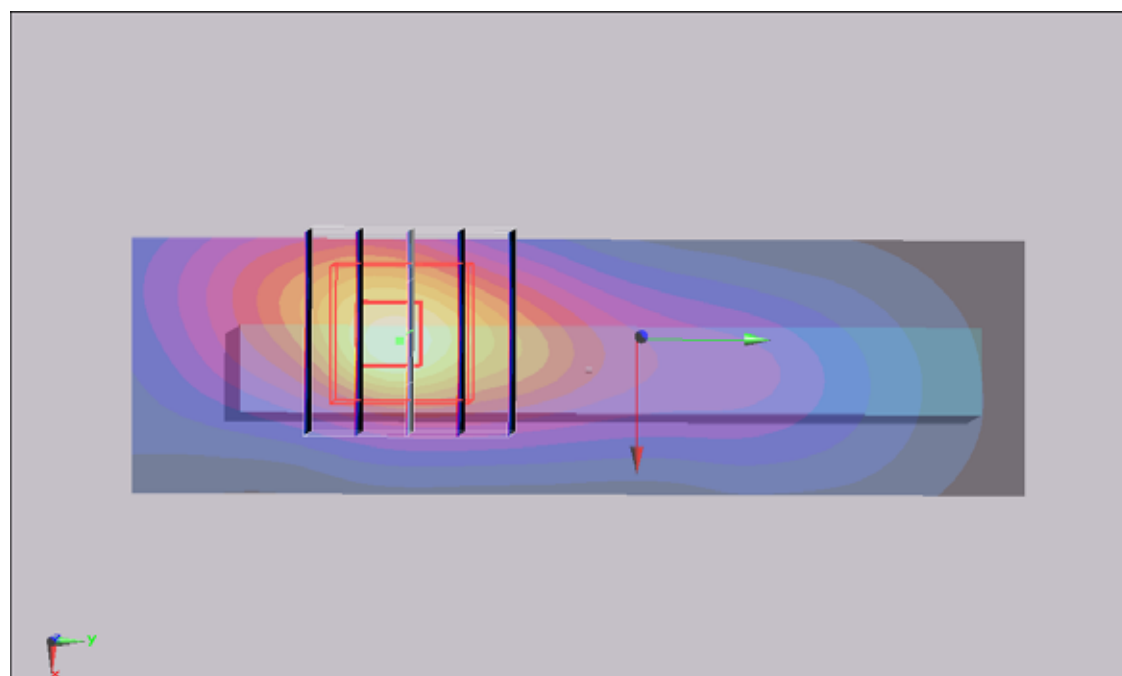
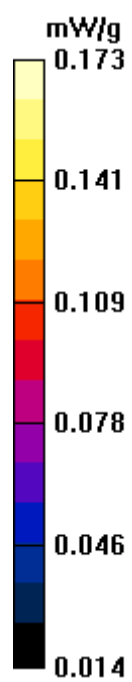
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.67 V/m ; Power Drift = -0.139 dB

Peak SAR (extrapolated) = 0.225 W/kg

SAR(1 g) = 0.158 mW/g ; SAR(10 g) = 0.094 mW/g

Maximum value of SAR (measured) = 0.174 mW/g



#04 GSM1900_GPRS12_Right Side_1cm_Ch661

DUT: 130415

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: MSL_1900_110319 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.48 \text{ mho/m}$; $\epsilon_r = 53.4$; $\rho = 1000 \text{ kg/m}^3$

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: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (41x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.162 mW/g

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

Reference Value = 9.95 V/m ; Power Drift = 0.030 dB

Peak SAR (extrapolated) = 0.200 W/kg

SAR(1 g) = 0.146 mW/g ; SAR(10 g) = 0.090 mW/g

Maximum value of SAR (measured) = 0.161 mW/g

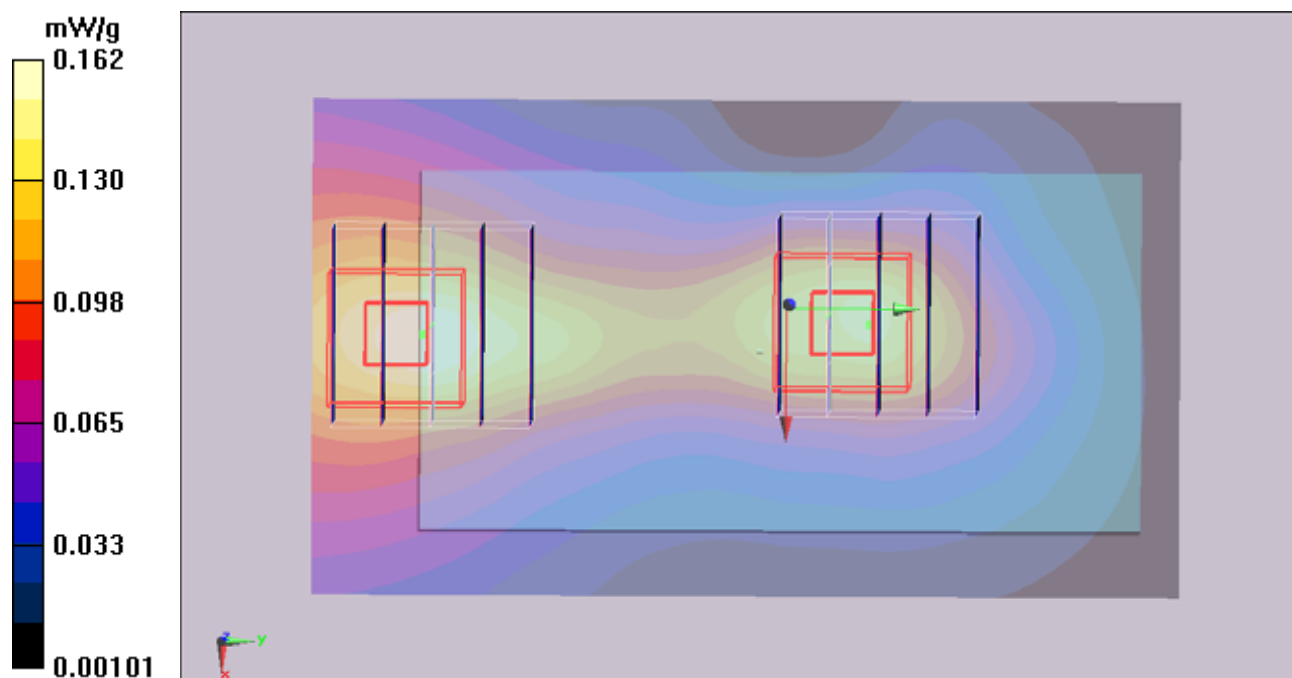
Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.95 V/m ; Power Drift = 0.030 dB

Peak SAR (extrapolated) = 0.190 W/kg

SAR(1 g) = 0.128 mW/g ; SAR(10 g) = 0.081 mW/g

Maximum value of SAR (measured) = 0.138 mW/g



#06 GSM1900_GPRS12_Bottom Side_1cm_Ch661

DUT: 130415

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: MSL_1900_110319 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.48 \text{ mho/m}$; $\epsilon_r = 53.4$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (21x41x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

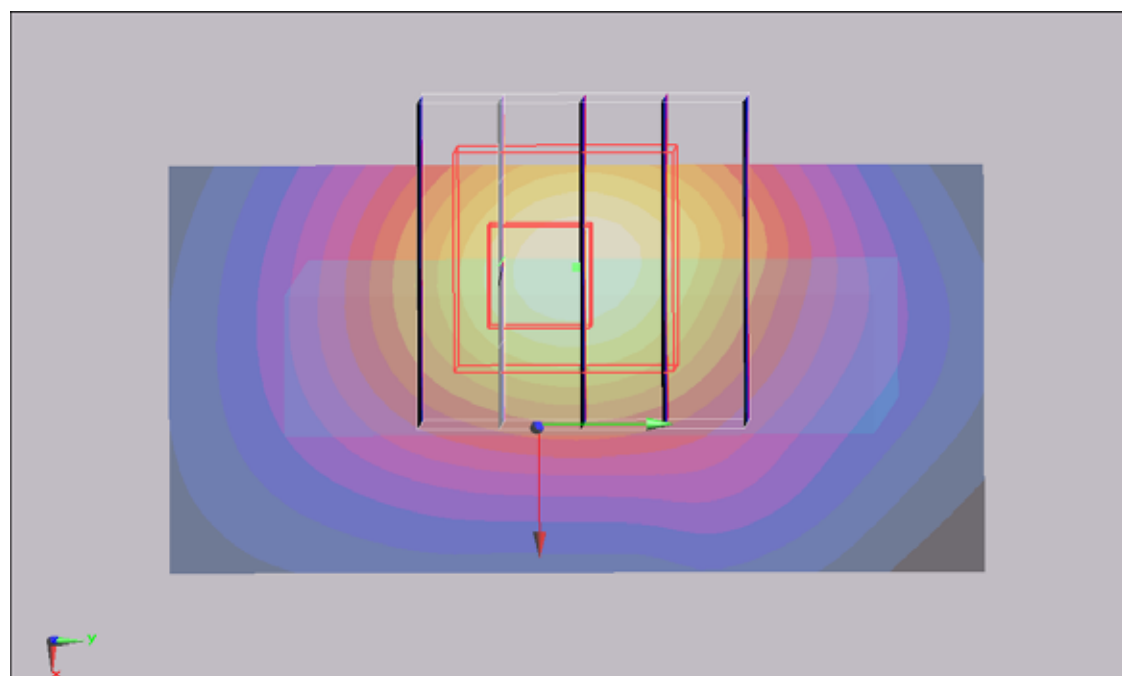
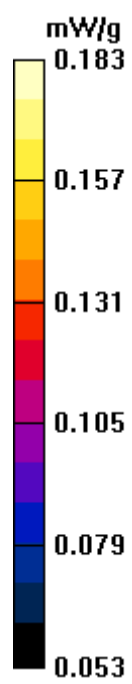
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.3 V/m ; Power Drift = 0.168 dB

Peak SAR (extrapolated) = 0.293 W/kg

SAR(1 g) = 0.190 mW/g ; SAR(10 g) = 0.124 mW/g

Maximum value of SAR (measured) = 0.205 mW/g



#42 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4182

DUT: 130415

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

Medium: MSL_850_110320 Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.965 \text{ mho/m}$; $\epsilon_r = 54.5$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 °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: DAE4 Sn778; Calibrated: 2010/10/22
- 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

Ch4182/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.15 mW/g

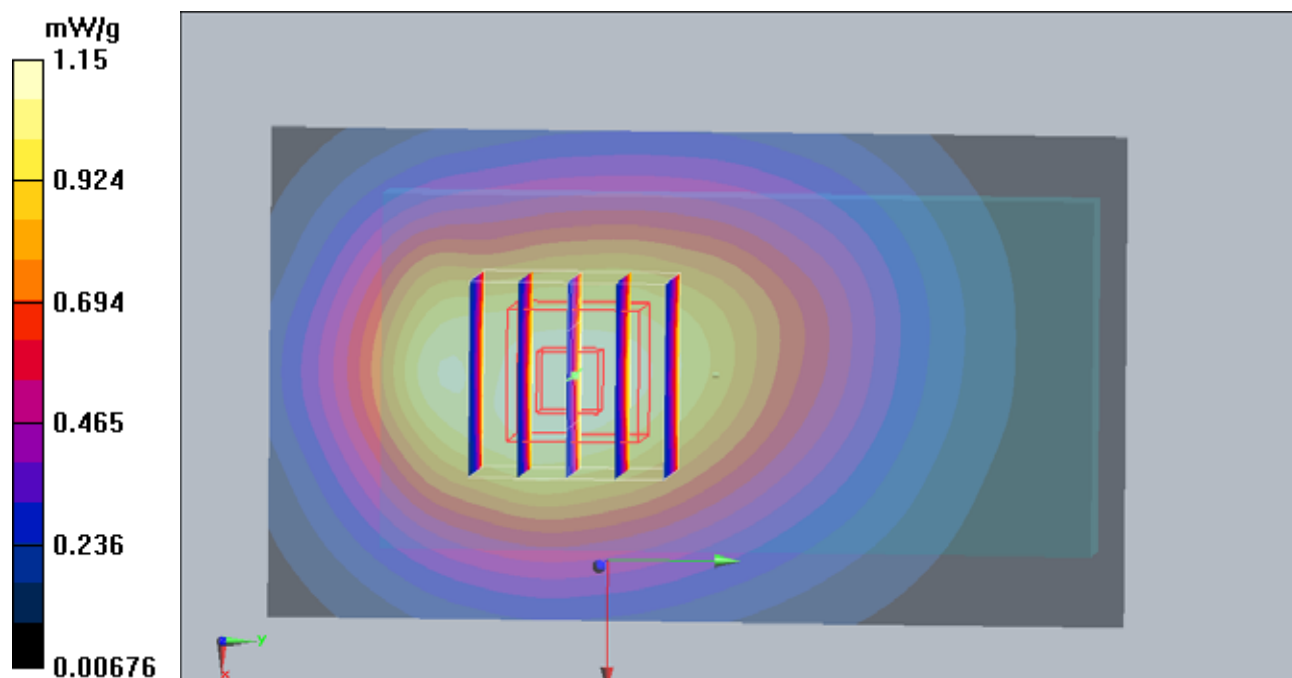
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.9 V/m; Power Drift = -0.039 dB

Peak SAR (extrapolated) = 1.4 W/kg

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.811 mW/g

Maximum value of SAR (measured) = 1.18 mW/g



#42 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4182_2D

DUT: 130415

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

Medium: MSL_850_110320 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.965$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °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: DAE4 Sn778; Calibrated: 2010/10/22
- 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

Ch4182/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.15 mW/g

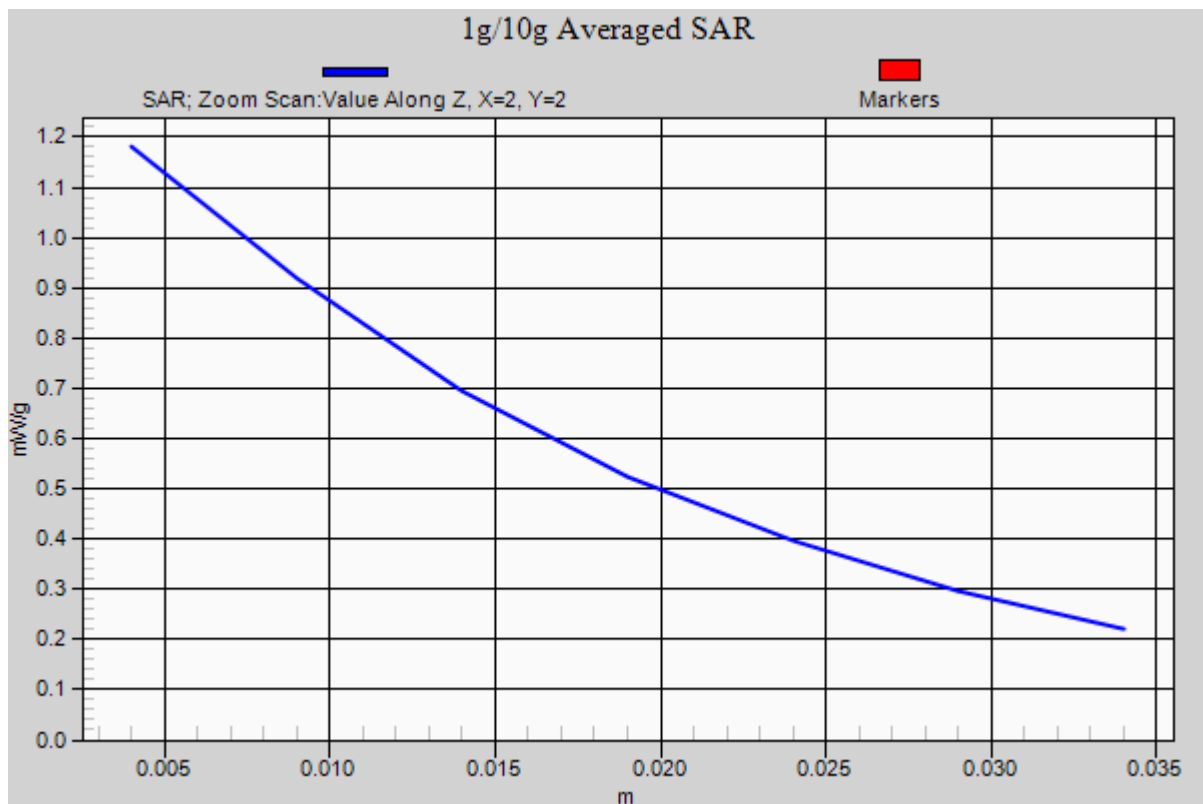
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.9 V/m; Power Drift = -0.039 dB

Peak SAR (extrapolated) = 1.4 W/kg

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.811 mW/g

Maximum value of SAR (measured) = 1.18 mW/g



#37 WCDMA V_RMC12.2K_Front Face_1cm_Ch4132

DUT: 130415

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_110320 Medium parameters used: $f = 826.4 \text{ MHz}$; $\sigma = 0.955 \text{ mho/m}$; $\epsilon_r = 54.6$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.7°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: DAE4 Sn778; Calibrated: 2010/10/22
- 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

Ch4132/Area Scan (41x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.763 mW/g

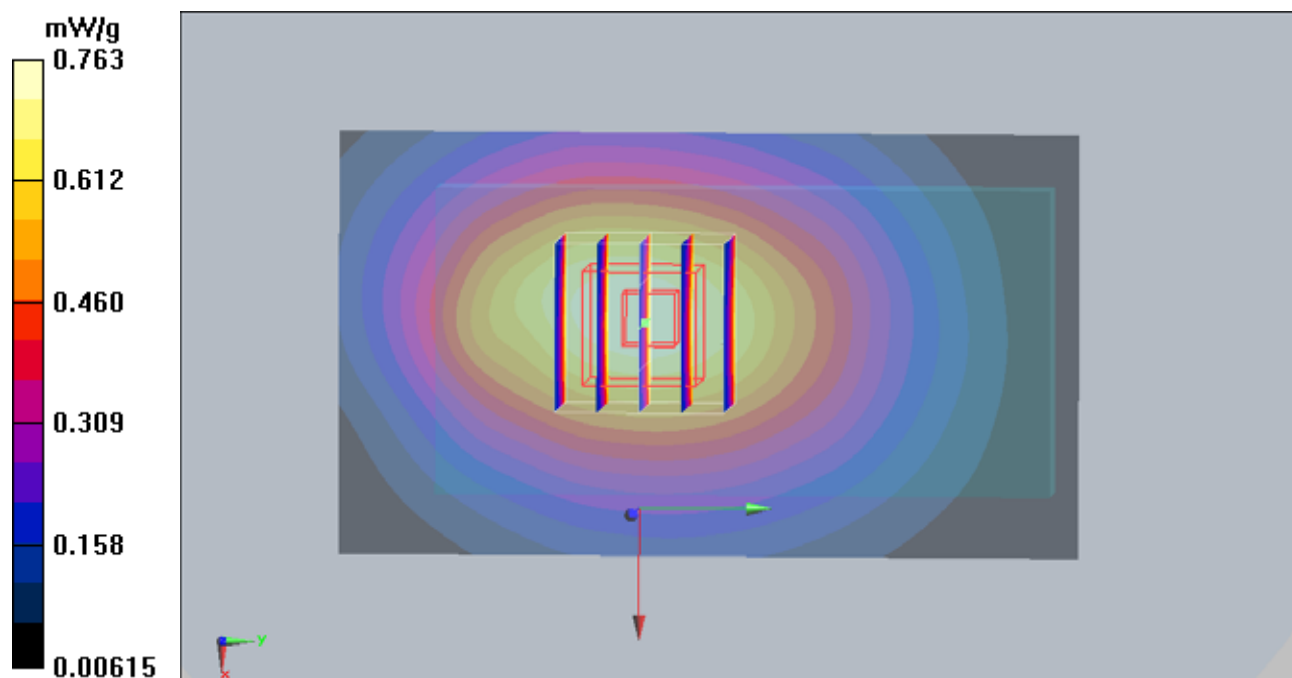
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 27.7 V/m ; Power Drift = -0.017 dB

Peak SAR (extrapolated) = 0.864 W/kg

SAR(1 g) = 0.712 mW/g ; SAR(10 g) = 0.530 mW/g

Maximum value of SAR (measured) = 0.754 mW/g



#38 WCDMA V_RMC12.2K_Left Side_1cm_Ch4132

DUT: 130415

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_110320 Medium parameters used: $f = 826.4 \text{ MHz}$; $\sigma = 0.955 \text{ mho/m}$; $\epsilon_r = 54.6$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 °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: DAE4 Sn778; Calibrated: 2010/10/22
- 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

Ch4132/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.515 mW/g

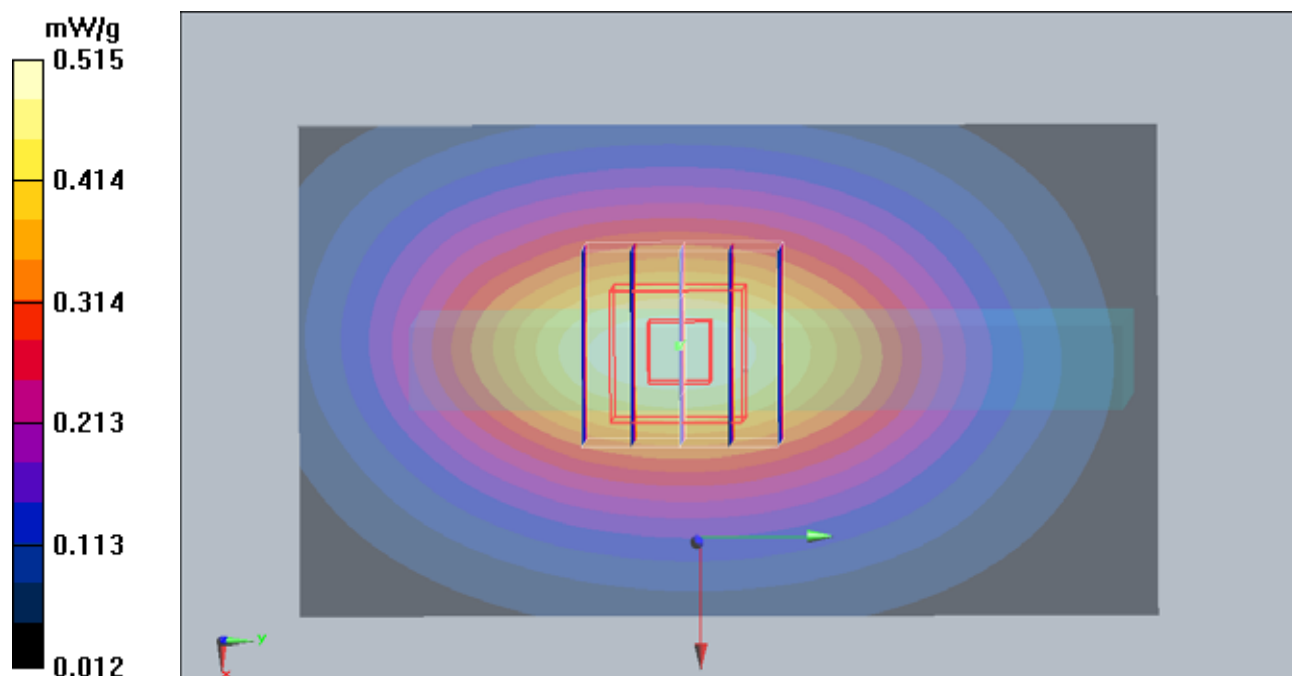
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.4 V/m; Power Drift = 0.00584 dB

Peak SAR (extrapolated) = 0.635 W/kg

SAR(1 g) = 0.480 mW/g; SAR(10 g) = 0.335 mW/g

Maximum value of SAR (measured) = 0.513 mW/g



#39 WCDMA V_RMC12.2K_Right Side_1cm_Ch4132

DUT: 130415

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_110320 Medium parameters used: $f = 826.4 \text{ MHz}$; $\sigma = 0.955 \text{ mho/m}$; $\epsilon_r = 54.6$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.7 °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: DAE4 Sn778; Calibrated: 2010/10/22
- 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

Ch4132/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.556 mW/g

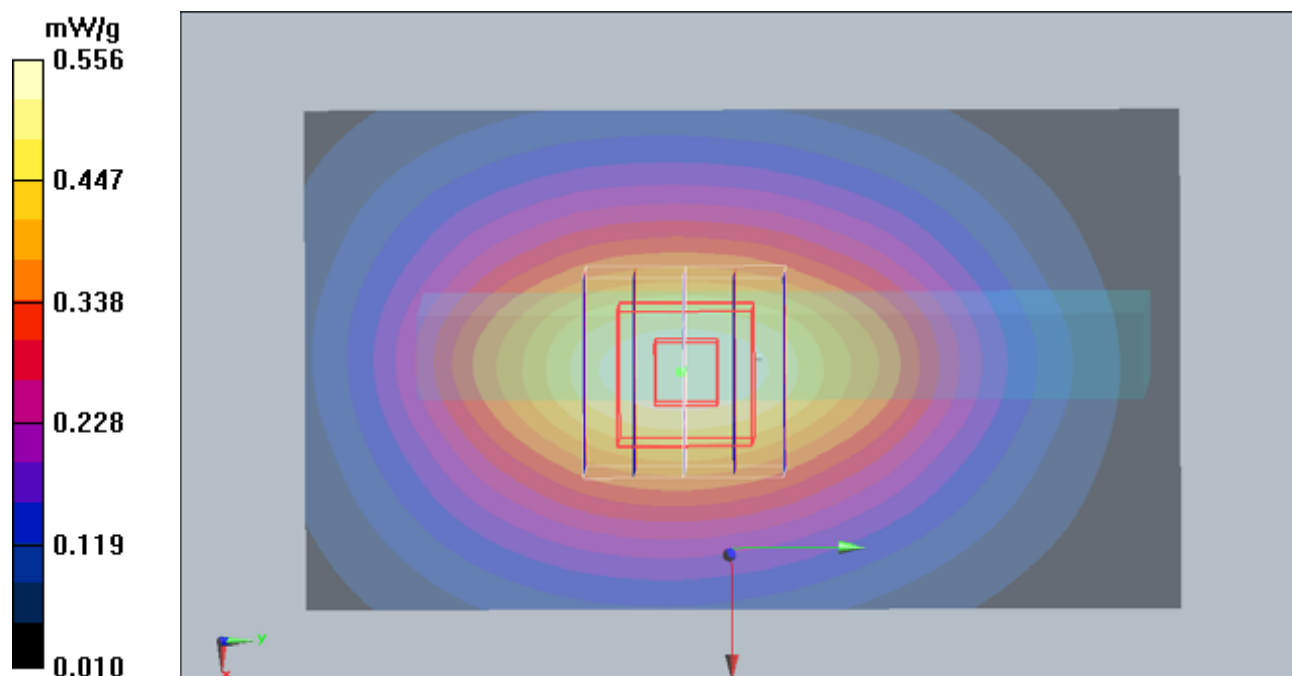
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.5 V/m; Power Drift = -0.035 dB

Peak SAR (extrapolated) = 0.676 W/kg

SAR(1 g) = 0.521 mW/g; SAR(10 g) = 0.370 mW/g

Maximum value of SAR (measured) = 0.555 mW/g



#41 WCDMA V_RMC12.2K_Bottom Side_1cm_Ch4132

DUT: 130415

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_110320 Medium parameters used: $f = 826.4 \text{ MHz}$; $\sigma = 0.955 \text{ mho/m}$; $\epsilon_r = 54.6$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.7°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: DAE4 Sn778; Calibrated: 2010/10/22
- 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

Ch4132/Area Scan (31x41x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.072 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.93 V/m ; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 0.128 W/kg

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

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

