

P30 CDMA2000 BC0_RC3+SO55_Left Cheek_ch777_Battery1_Cover3

DUT: 120201C03

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: H835_0204 Medium parameters used : $f = 848.31$ MHz; $\sigma = 0.936$ mho/m; $\epsilon_r = 42.863$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2 °C ; Liquid Temperature : 20.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.21, 10.21, 10.21); Calibrated: 2011/02/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch777/Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.537 mW/g

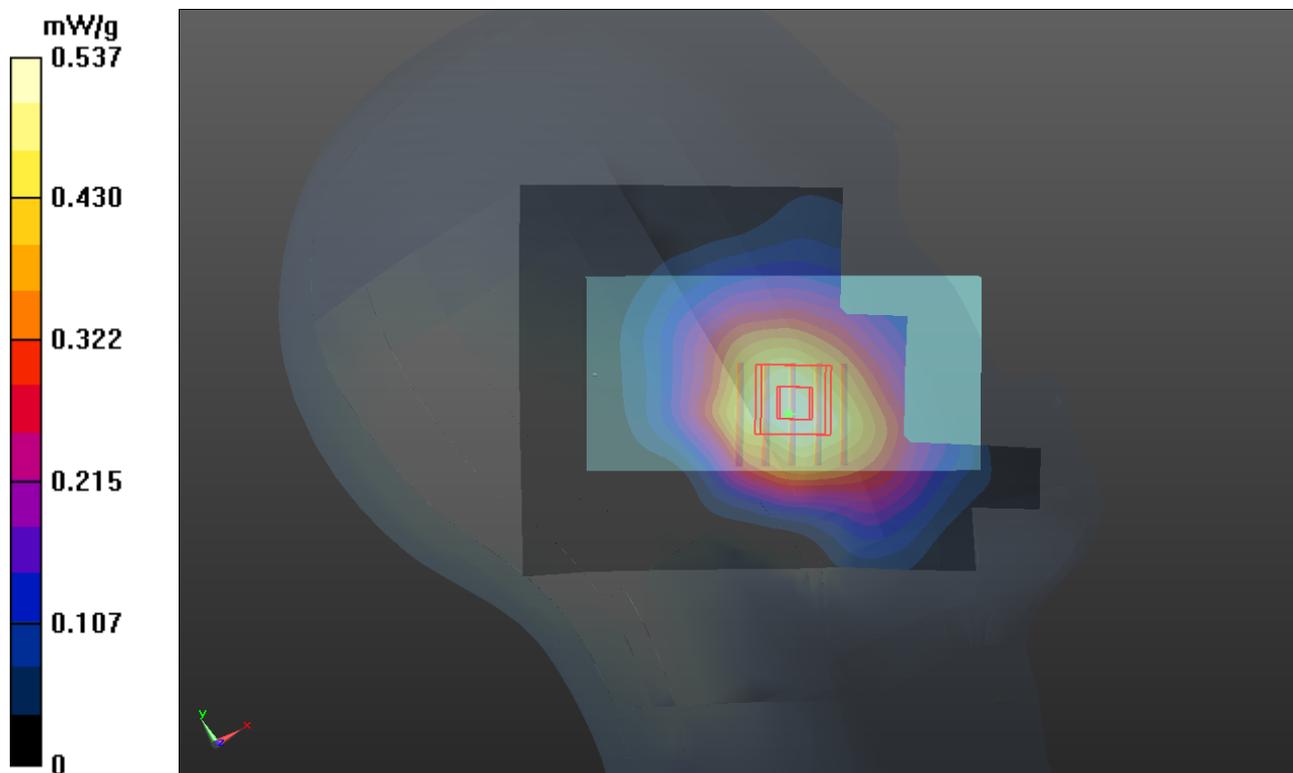
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.525 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.5820

SAR(1 g) = 0.458 mW/g; SAR(10 g) = 0.340 mW/g

Maximum value of SAR (measured) = 0.523 mW/g



P31 CDMA2000 BC0_RTAP153.6_Right Cheek_Ch777_Battery1_Cover3

DUT: 120201C03

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: H835_0206 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 41.964$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.7, 8.7, 8.7); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch777/Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.747 mW/g

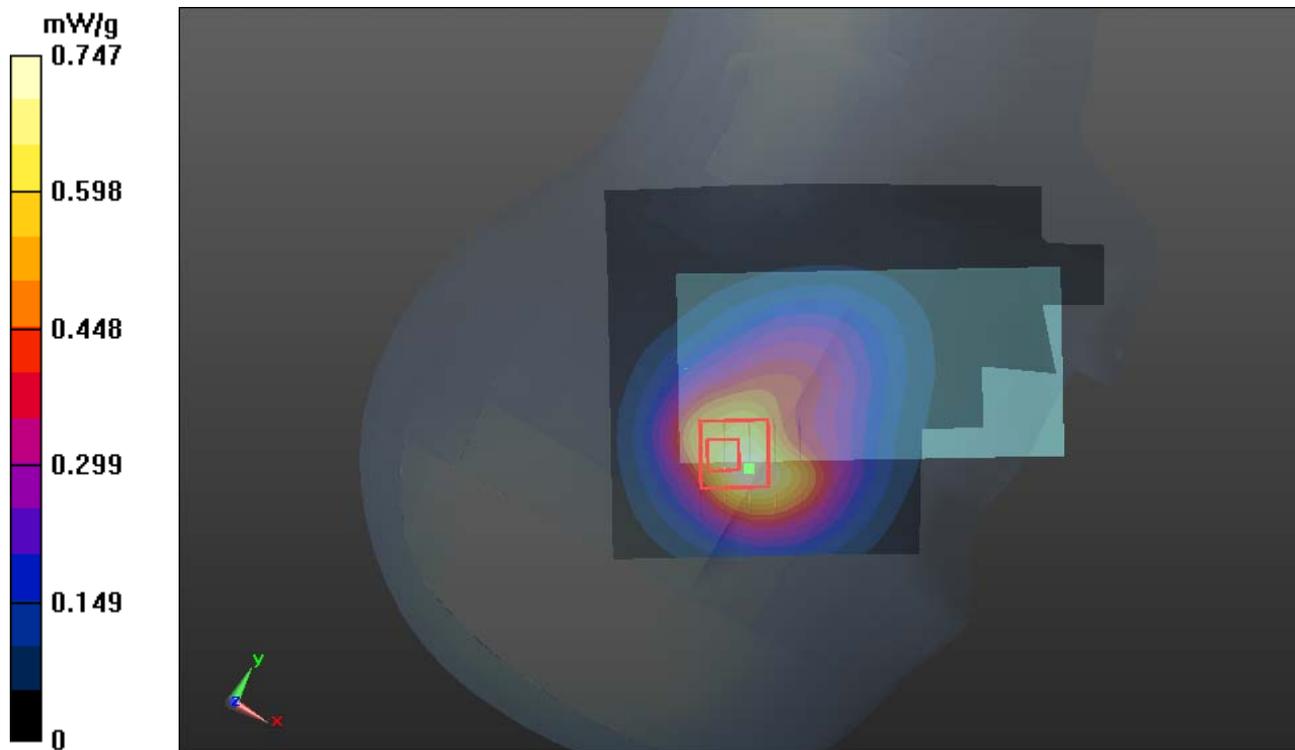
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.278 V/m; Power Drift = 0.13 dB

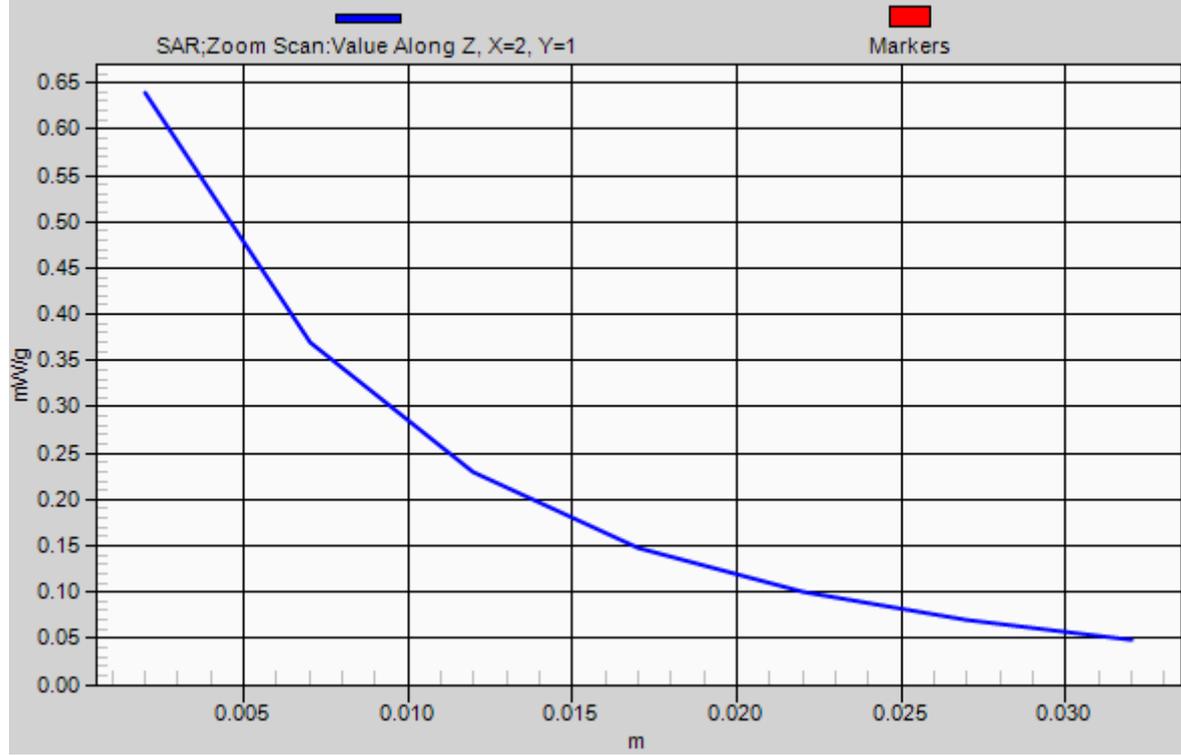
Peak SAR (extrapolated) = 0.8330

SAR(1 g) = 0.481 mW/g; SAR(10 g) = 0.300 mW/g

Maximum value of SAR (measured) = 0.639 mW/g



1g/10g Averaged SAR



P32 CDMA2000 BC1_RC3+SO55_Left Cheek_Ch600_Battery1_Cover3

DUT: 120201C03

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

Medium: H1900_0206 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 41.325$; $\rho =$

1000 kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch600/Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.636 mW/g

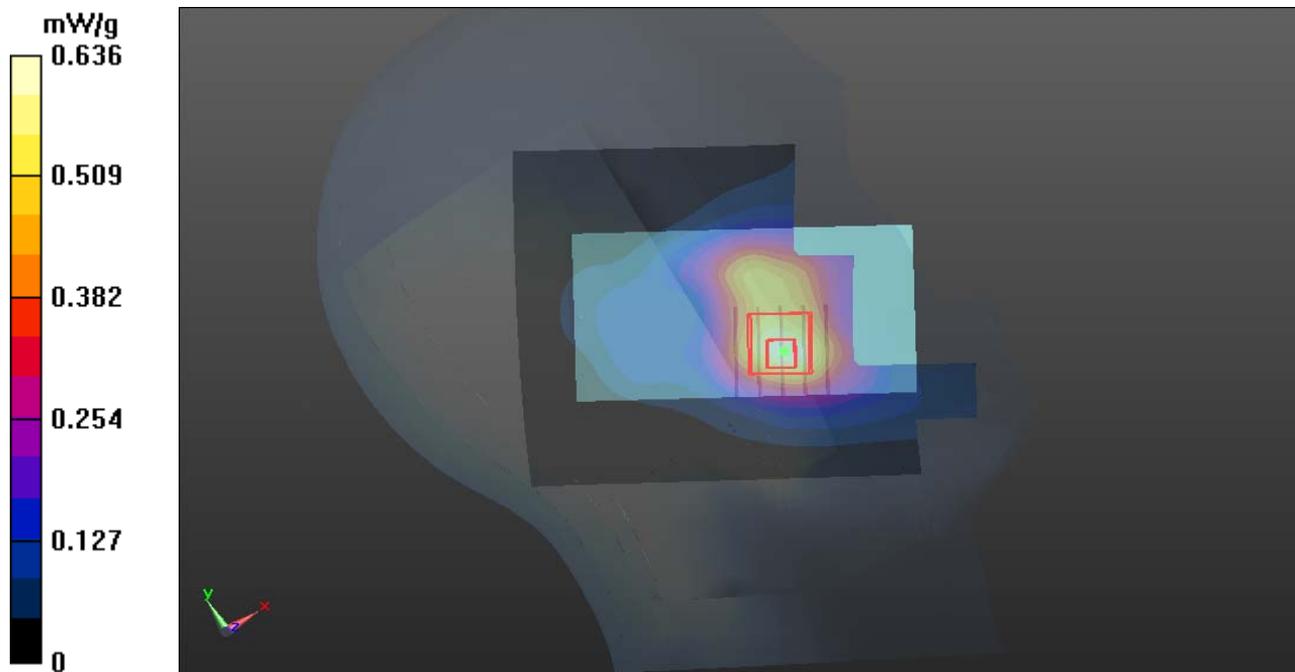
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.348 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.6910

SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.289 mW/g

Maximum value of SAR (measured) = 0.582 mW/g



P33 CDMA2000 BC1_RTAP153.6_Left Tilted_Ch600_Battery1_Cover3

DUT: 120201C03

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

Medium: H1900_0206 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 41.325$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch600/Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.183 mW/g

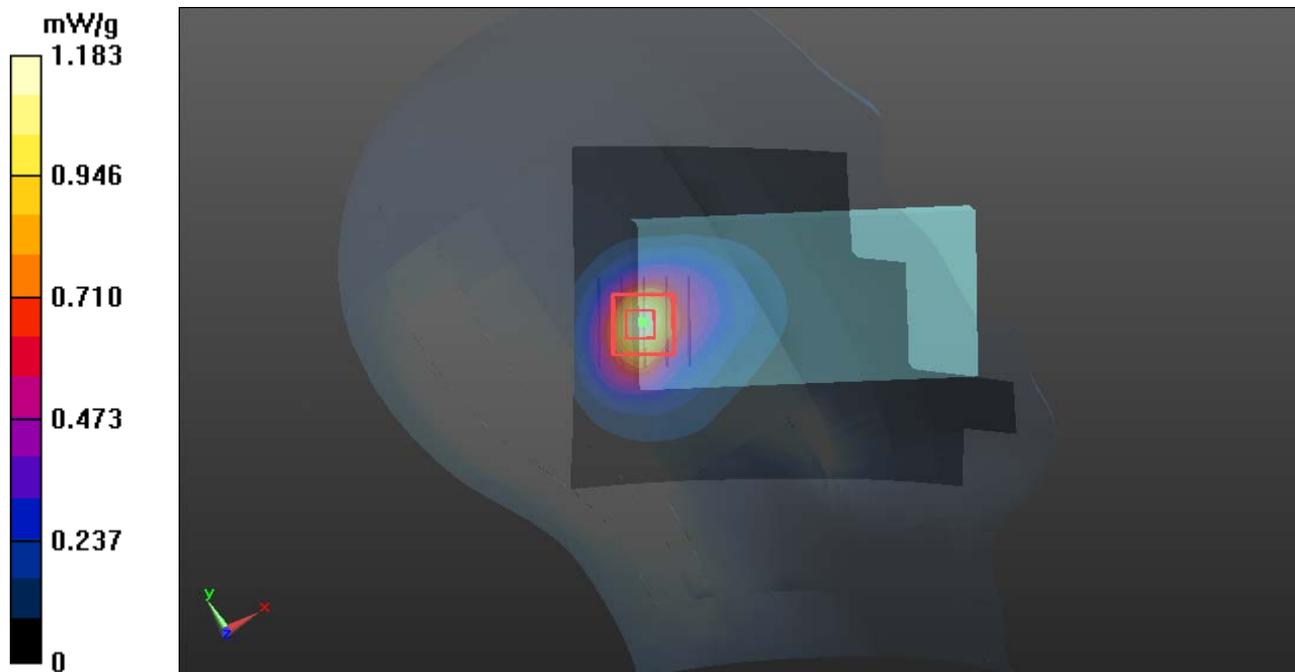
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.129 V/m; Power Drift = -0.05 dB

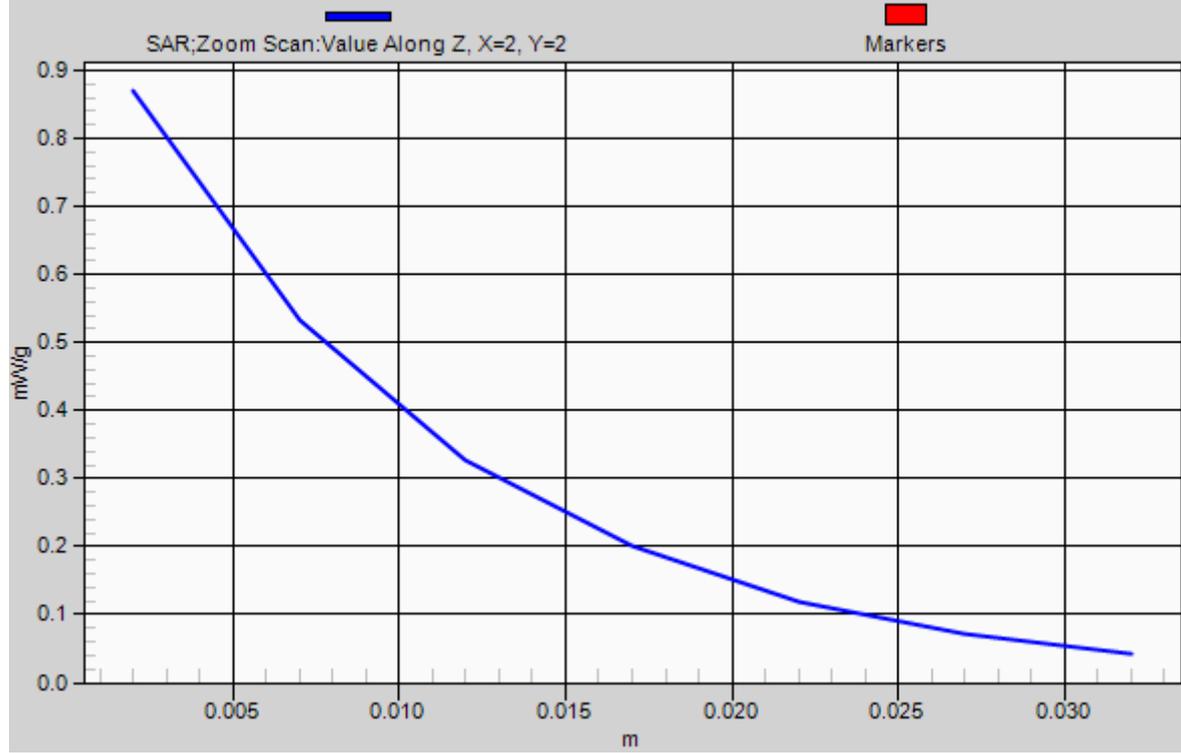
Peak SAR (extrapolated) = 1.0560

SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.363 mW/g

Maximum value of SAR (measured) = 0.870 mW/g



1g/10g Averaged SAR



P51 LTE 13_QPSK_10M_Left Cheek_Ch23230_Battery1_Cover1_1RB_Offset0

DUT: 120201C03

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: H750_0204 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.904 \text{ mho/m}$; $\epsilon_r = 41.101$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 21.2 °C ; Liquid Temperature : 20.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.21, 10.21, 10.21); Calibrated: 2011/02/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch23230/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.943 mW/g

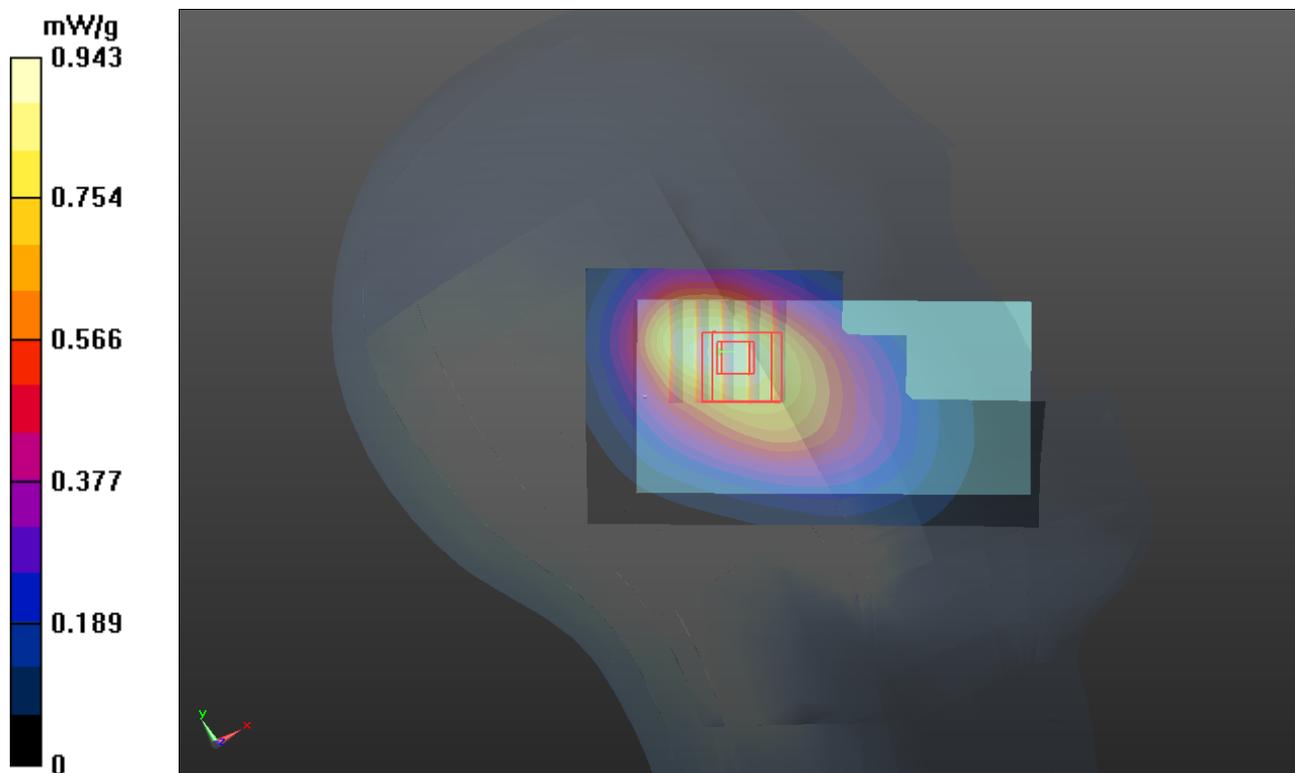
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.690 V/m; Power Drift = 0.05 dB

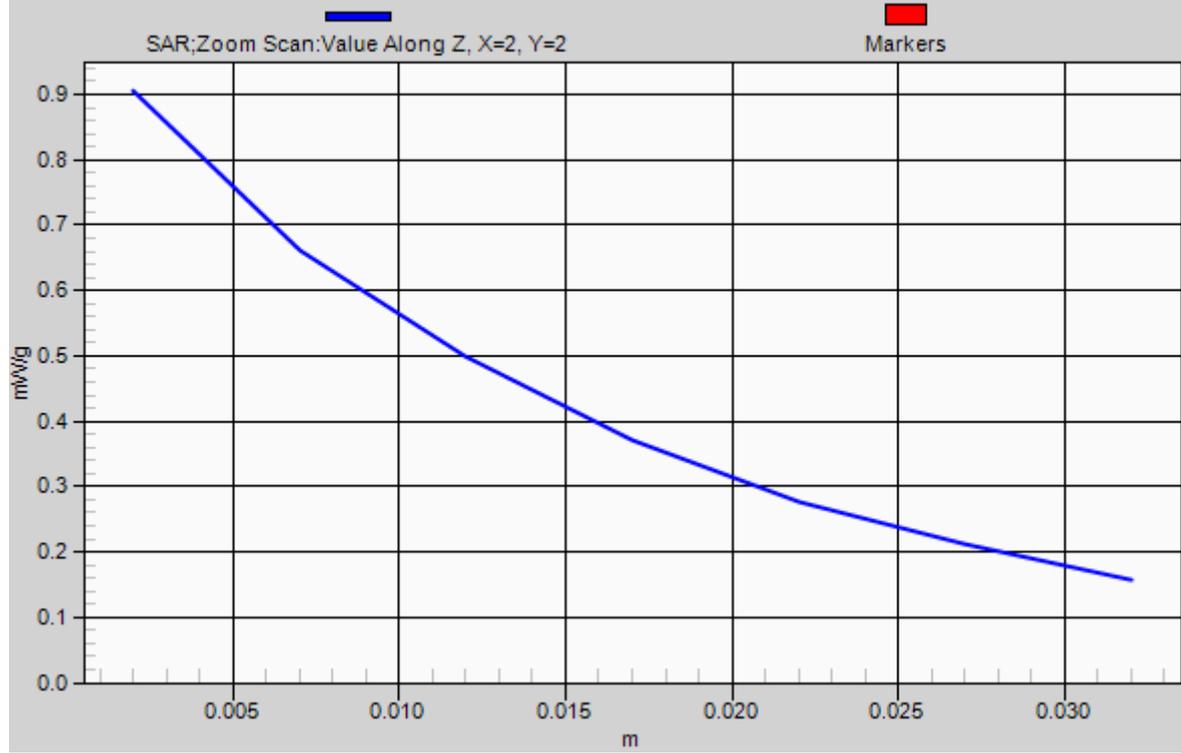
Peak SAR (extrapolated) = 1.0250

SAR(1 g) = 0.760 mW/g; SAR(10 g) = 0.554 mW/g

Maximum value of SAR (measured) = 0.905 mW/g



1g/10g Averaged SAR



P01 802.11b_Left Cheek_ch6_Battery1_Cover3

DUT: 120201C03

Communication System: WLAN_2.4G; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: H2450_0204 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.809$ mho/m; $\epsilon_r = 37.514$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(7.73, 7.73, 7.73); Calibrated: 2011/02/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (61x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.255 mW/g

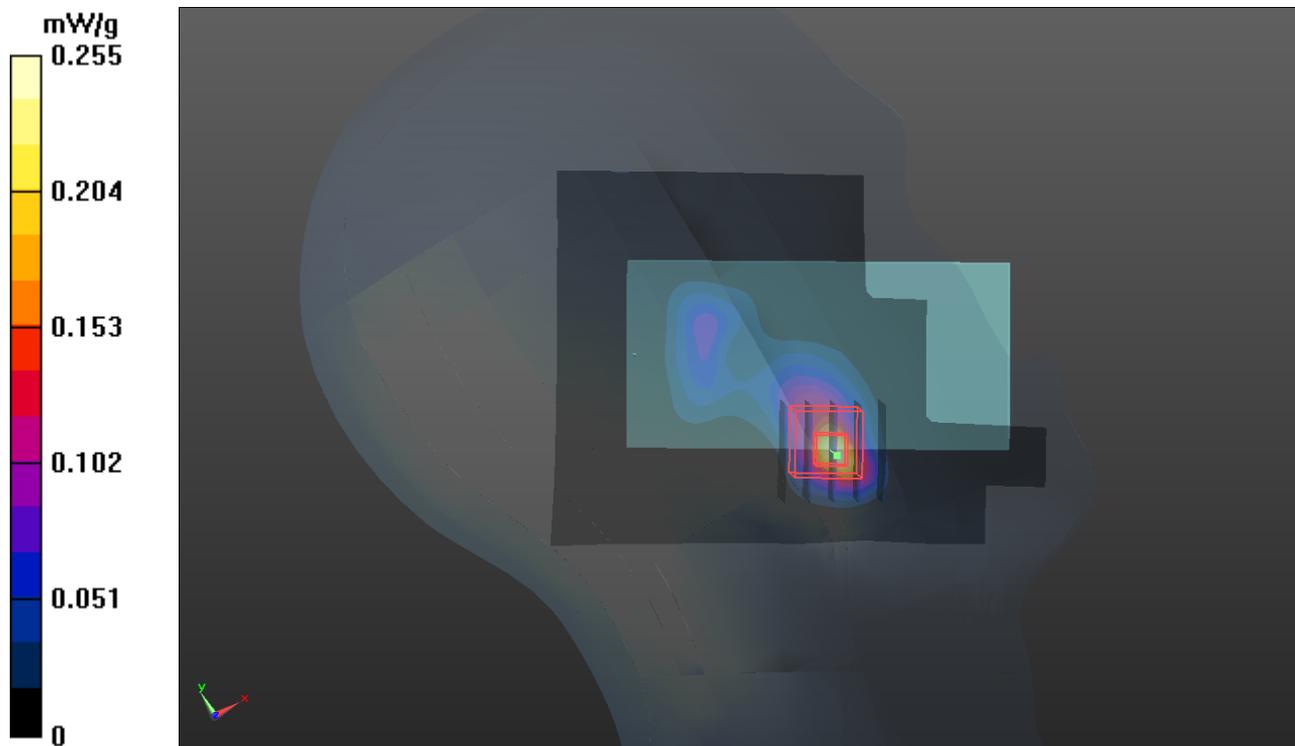
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.191 V/m; Power Drift = 0.07 dB

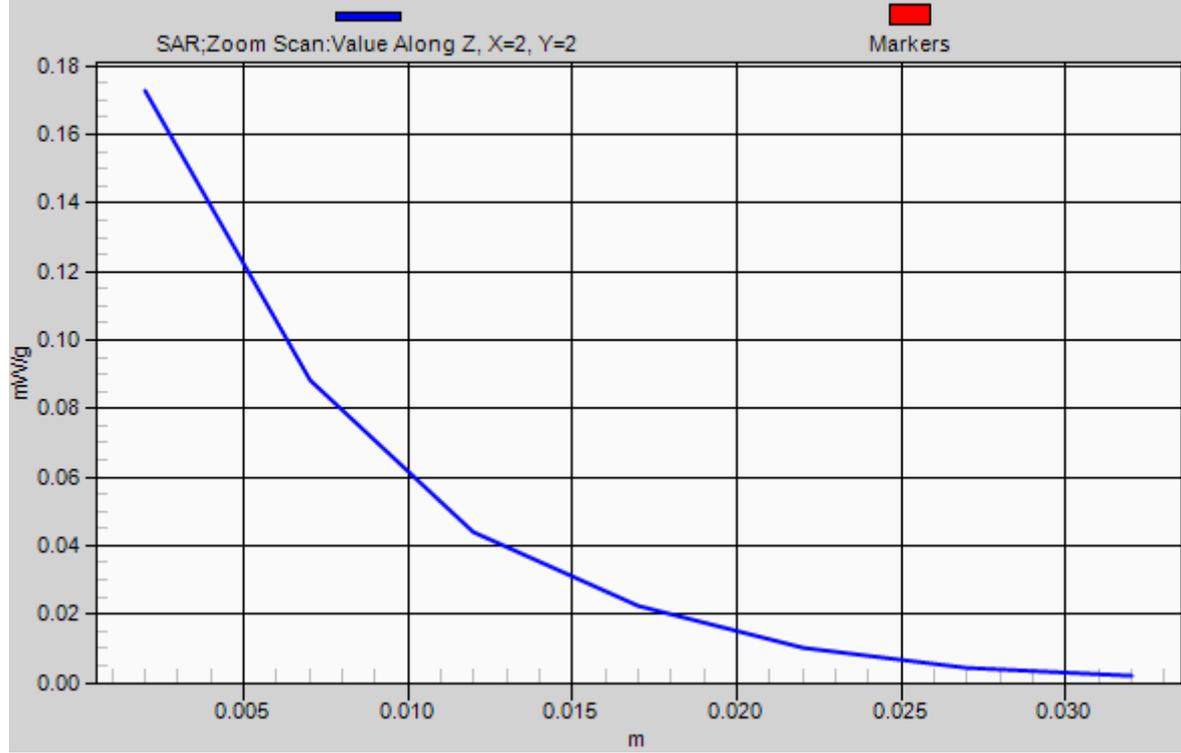
Peak SAR (extrapolated) = 0.5700

SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.055 mW/g

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



1g/10g Averaged SAR



P03 802.11a_Left Cheek_ch36_Battery1_Cover3

DUT: 120201C03

Communication System: WLAN_5G; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: H5G_0204 Medium parameters used: $f = 5180$ MHz; $\sigma = 4.741$ mho/m; $\epsilon_r = 35.571$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.3 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(5.51, 5.51, 5.51); Calibrated: 2011/02/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch36/Area Scan (121x161x1): Measurement grid: dx=10mm, dy=10mm

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

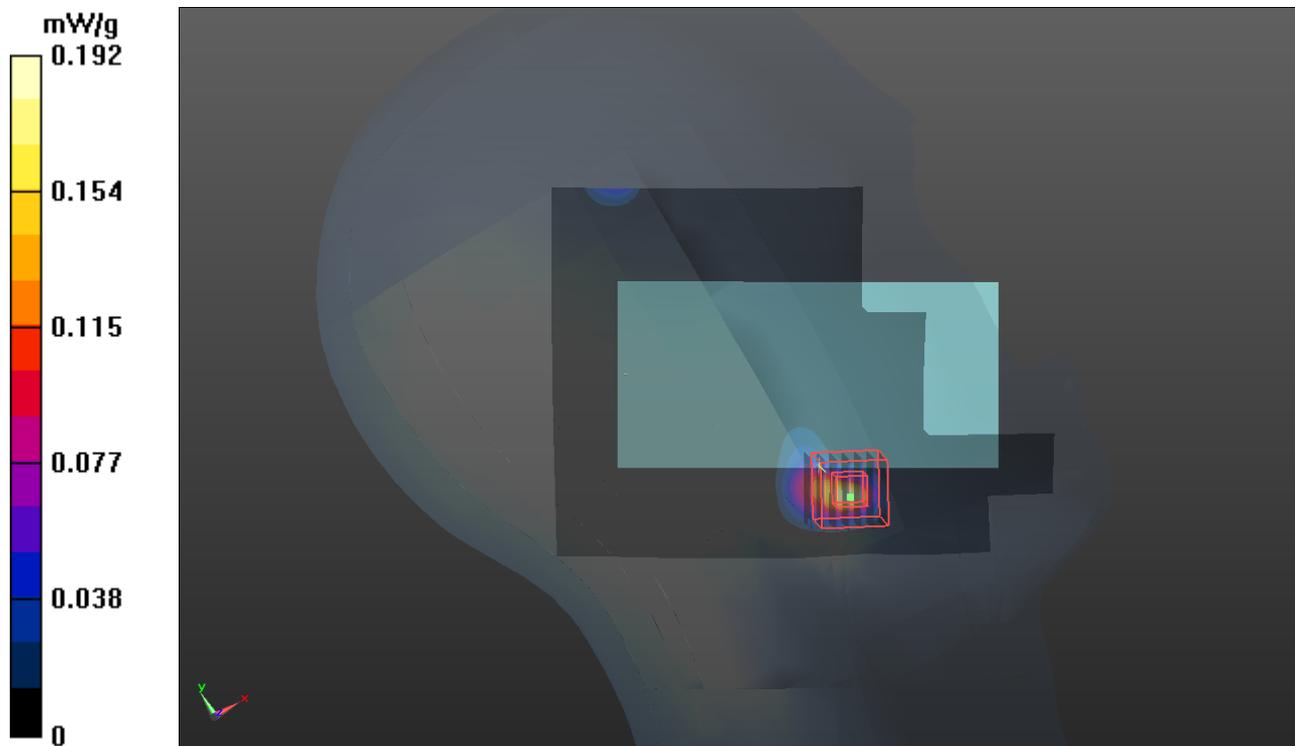
Ch36/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.138 dB

Peak SAR (extrapolated) = 0.7670

SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.024 mW/g

Maximum value of SAR (measured) = 0.358 mW/g



P04 802.11a_Left Cheek_ch52_Battery1_Cover3

DUT: 120201C03

Communication System: WLAN_5G; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: H5G_0204 Medium parameters used: $f = 5260$ MHz; $\sigma = 4.792$ mho/m; $\epsilon_r = 35.452$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.3 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(5.17, 5.17, 5.17); Calibrated: 2011/02/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch52/Area Scan (121x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.233 mW/g

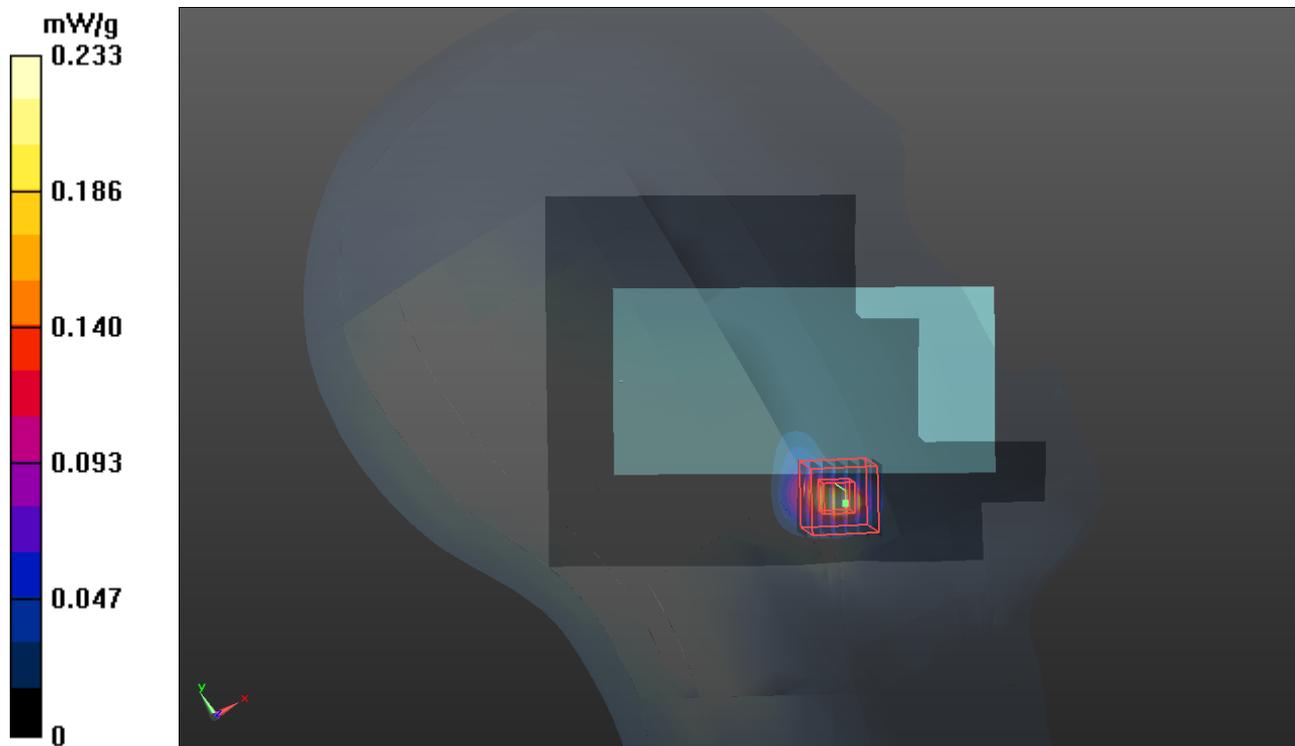
Ch52/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.014 dB

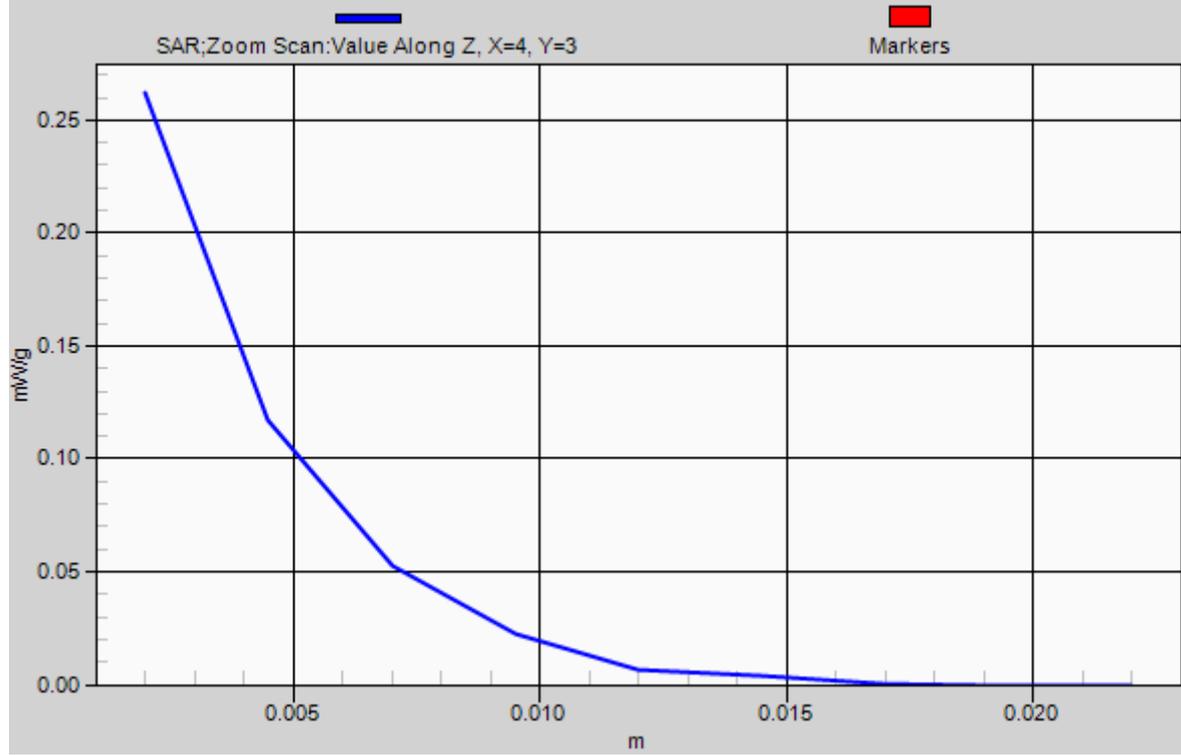
Peak SAR (extrapolated) = 0.4690

SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.034 mW/g

Maximum value of SAR (measured) = 0.262 mW/g



1g/10g Averaged SAR



P05 802.11a_Left Cheek_ch140_Battery1_Cover3

DUT: 120201C03

Communication System: WLAN_5G; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: H5G_0204 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.053$ mho/m; $\epsilon_r = 34.916$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.3 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.52, 4.52, 4.52); Calibrated: 2011/02/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM with CRP v5.0 Front; Type: QD000P40CD; Serial: TP:1653
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch140/Area Scan (121x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.170 mW/g

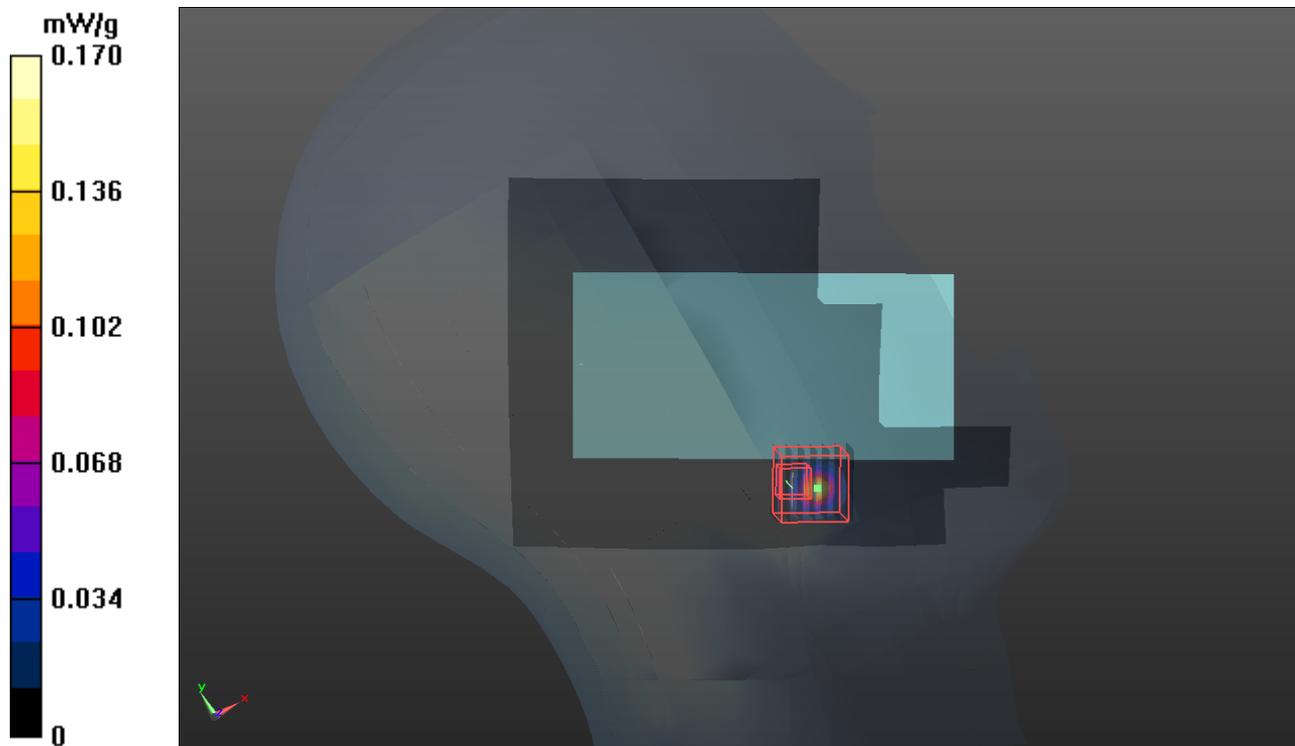
Ch140/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.113 dB

Peak SAR (extrapolated) = 0.4100

SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.028 mW/g

Maximum value of SAR (measured) = 0.234 mW/g



P11 802.11a_Left Cheek_Ch161_Battery1_Cover3

DUT: 120201C03

Communication System: WLAN 5G; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: H5G_0306 Medium parameters used: $f = 5805$ MHz; $\sigma = 5.392$ mho/m; $\epsilon_r = 35.48$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.53, 4.53, 4.53); Calibrated: 2011/02/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch161/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.305 mW/g

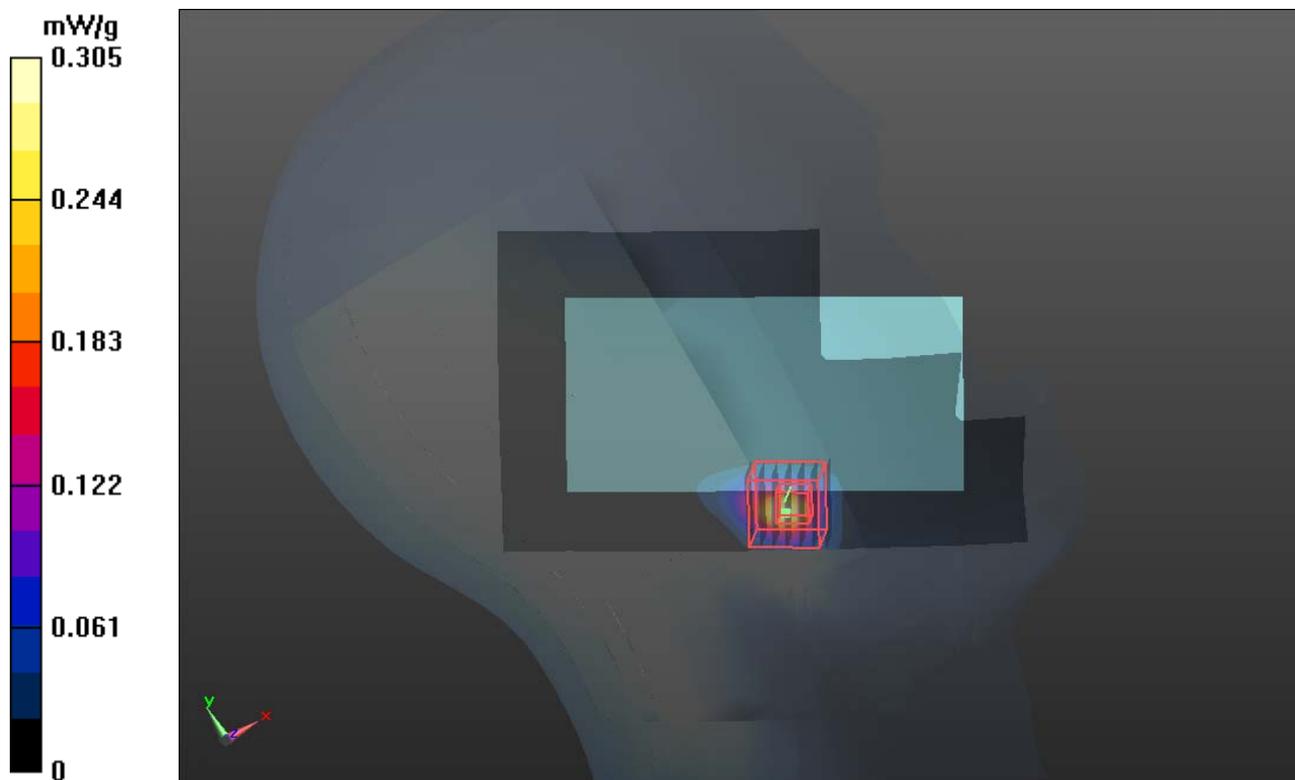
Ch161/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.6770

SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.026 mW/g

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



P34 CDMA2000 BC0_RC3+SO55_Rear Face_Ch777_Battery1_Cover3

DUT: 120201C03

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: B835_0204 Medium parameters used : $f = 848.31$ MHz; $\sigma = 1.011$ mho/m; $\epsilon_r = 54.723$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.3 °C ; Liquid Temperature : 20.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.32, 10.32, 10.32); Calibrated: 2011/02/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch777/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.924 mW/g

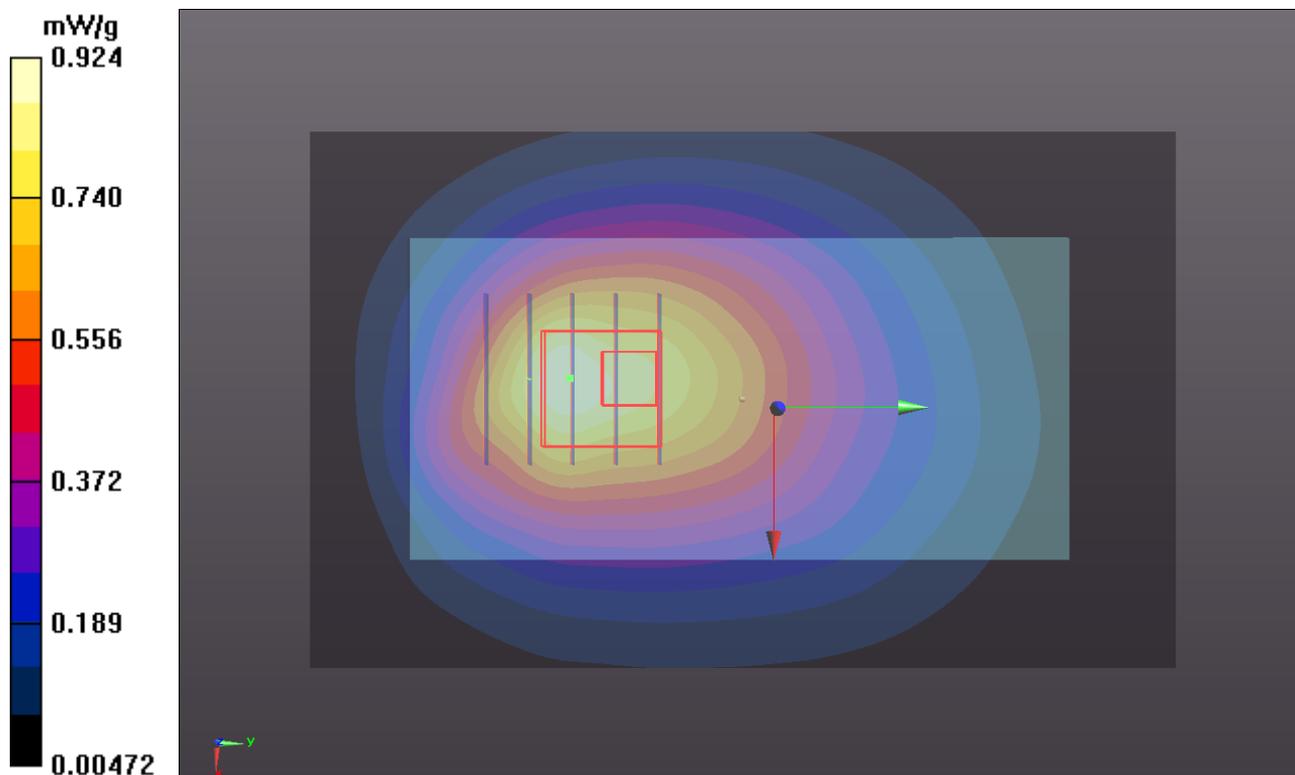
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.896 V/m; Power Drift = 0.19 dB

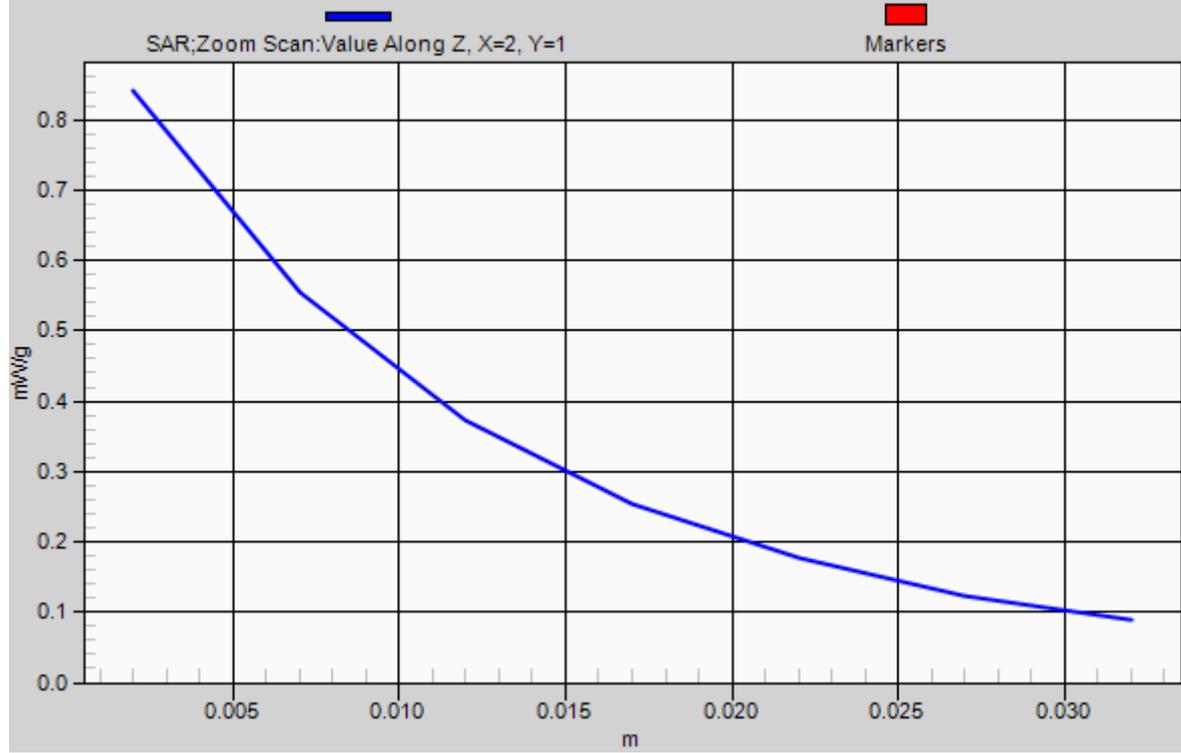
Peak SAR (extrapolated) = 1.0100

SAR(1 g) = 0.687 mW/g; SAR(10 g) = 0.480 mW/g

Maximum value of SAR (measured) = 0.841 mW/g



1g/10g Averaged SAR



P35 CDMA2000 BC0_RTAP153.6_Left Side_1cm_Ch777_Battery1_Cover3

DUT: 120201C03

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: B835_0206 Medium parameters used : $f = 848.31$ MHz; $\sigma = 1.005$ mho/m; $\epsilon_r = 54.698$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch777/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.679 mW/g

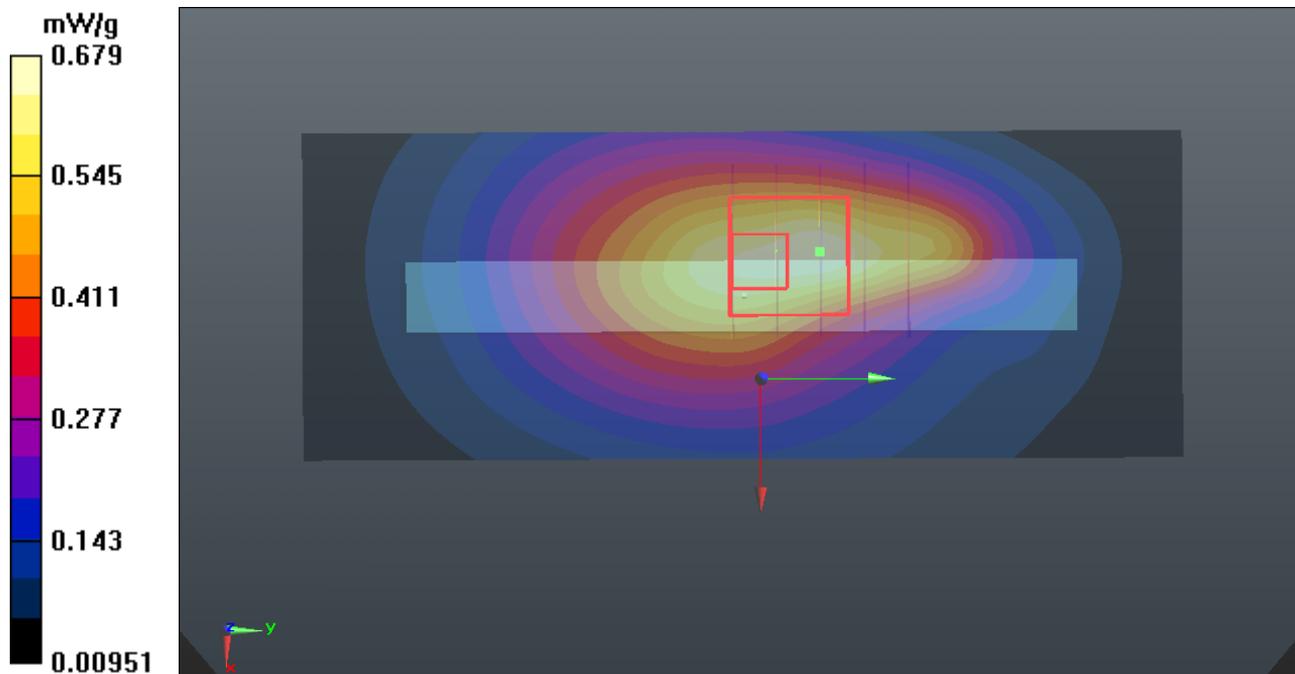
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.955 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.7170

SAR(1 g) = 0.505 mW/g; SAR(10 g) = 0.341 mW/g

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



P38 CDMA2000 BC0_RTAP153.6_Rear Face_1cm_Ch777_Battery1_Cover3

DUT: 120201C03

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: B835_0307 Medium parameters used : $f = 848.31$ MHz; $\sigma = 1.009$ mho/m; $\epsilon_r = 54.567$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.3 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch777/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.495 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.623 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.5590

SAR(1 g) = 0.421 mW/g; SAR(10 g) = 0.308 mW/g

Maximum value of SAR (measured) = 0.493 mW/g

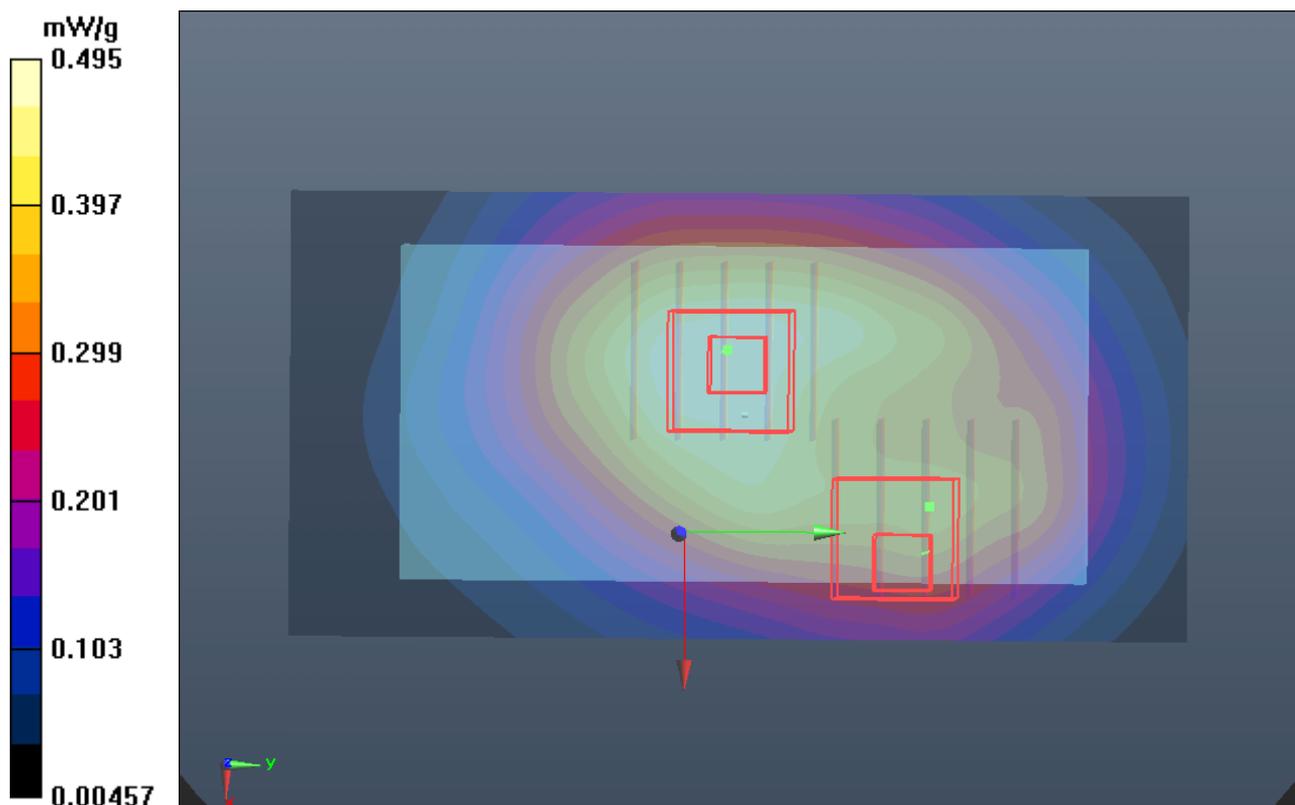
Ch777/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.623 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.4530

SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.215 mW/g

Maximum value of SAR (measured) = 0.389 mW/g



P36 CDMA2000 BC1_RC3+SO32_Front Face_1cm_Ch600_Battery1_Cover3

DUT: 120201C03

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

Medium: B1900_0206 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.525$ mho/m; $\epsilon_r = 52.124$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch600/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.602 mW/g

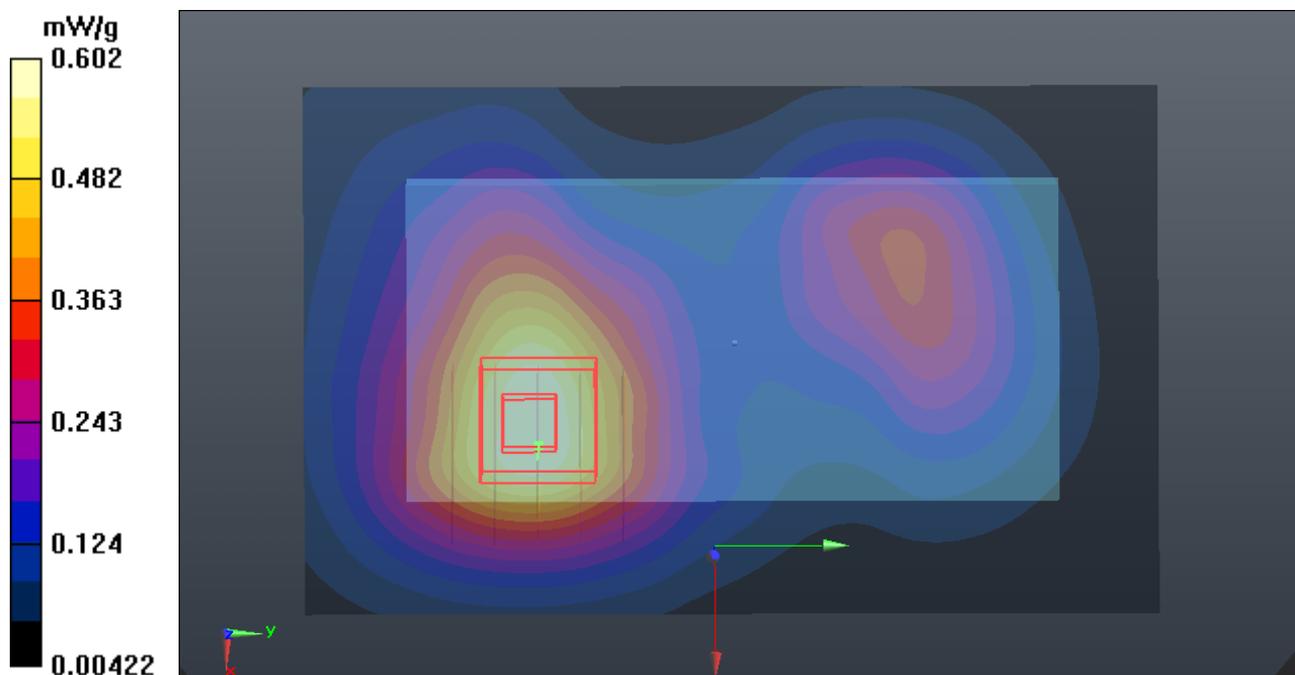
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.892 V/m; Power Drift = -0.03 dB

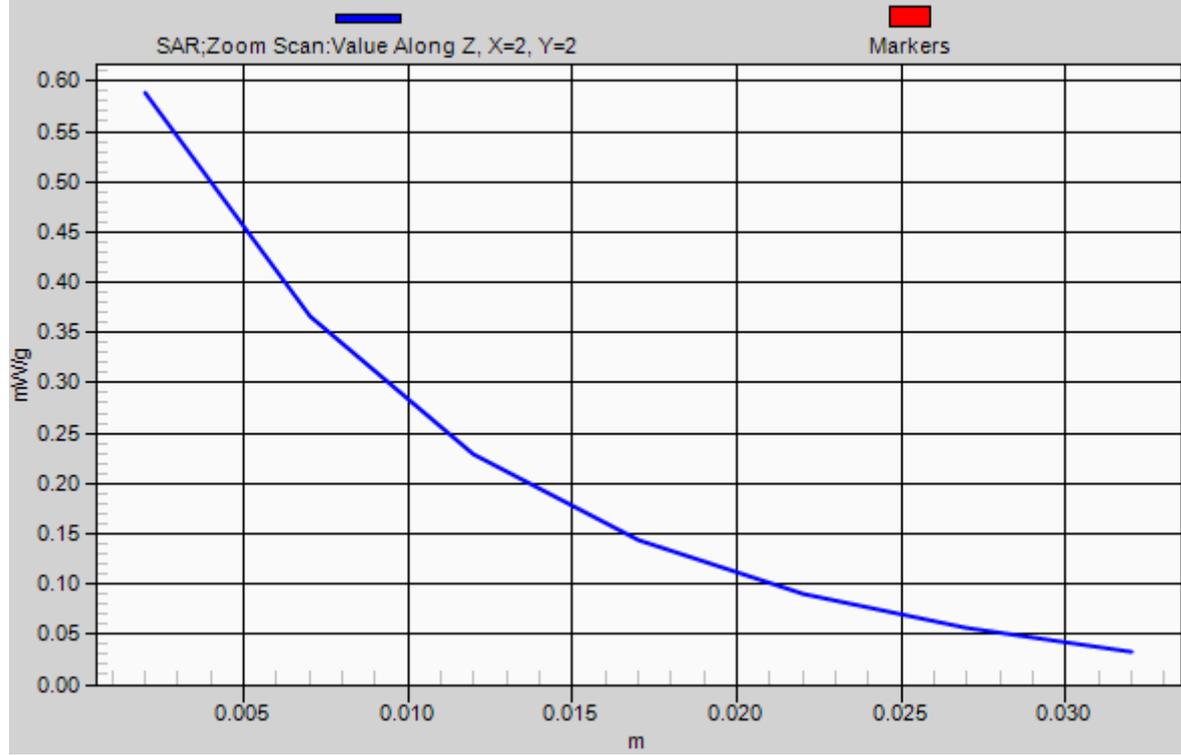
Peak SAR (extrapolated) = 0.7330

SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.284 mW/g

Maximum value of SAR (measured) = 0.588 mW/g



1g/10g Averaged SAR



P37 CDMA2000 BC1_RTAP153.6_Rear Face_Ch600_Battery1_Cover3

DUT: 120201C03

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

Medium: B1900_0206 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.525$ mho/m; $\epsilon_r = 52.124$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch600/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.625 mW/g

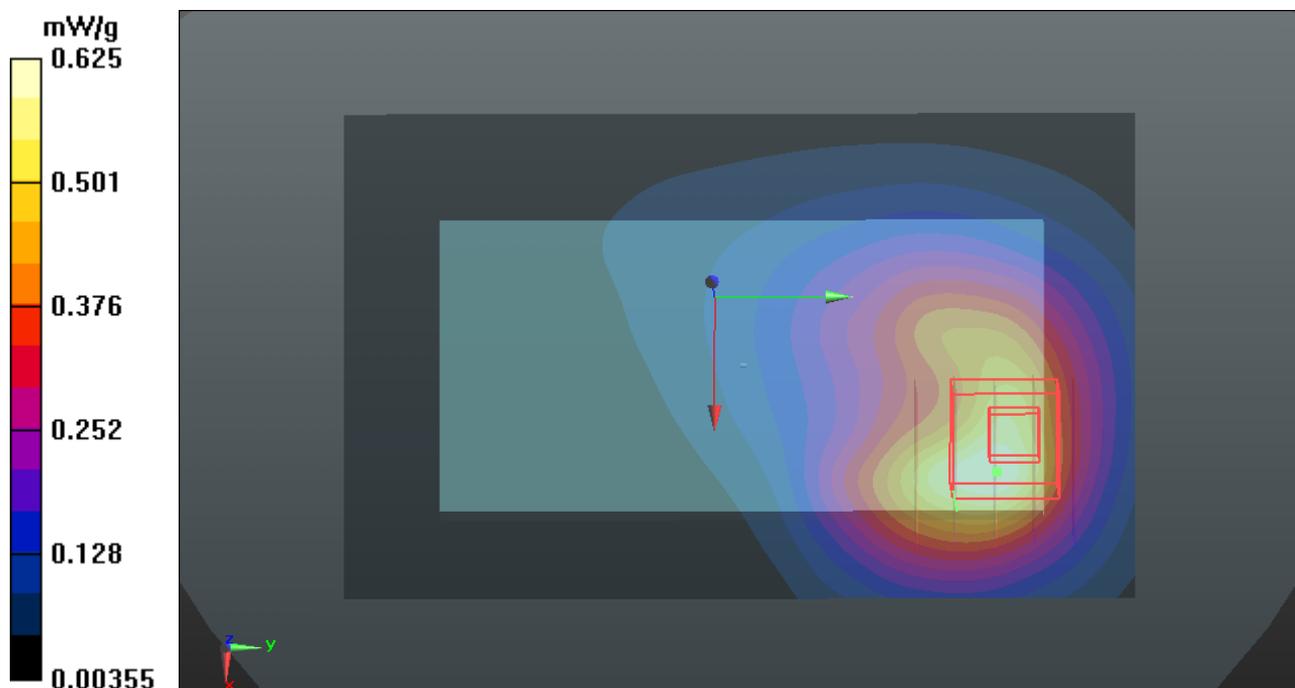
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.146 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.6430

SAR(1 g) = 0.388 mW/g; SAR(10 g) = 0.236 mW/g

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



P52 LTE XIII_QPSK_10M_Right Side_1cm_Ch23230_Battery1_Cover3_1RB_Offset0

DUT: 120201C04

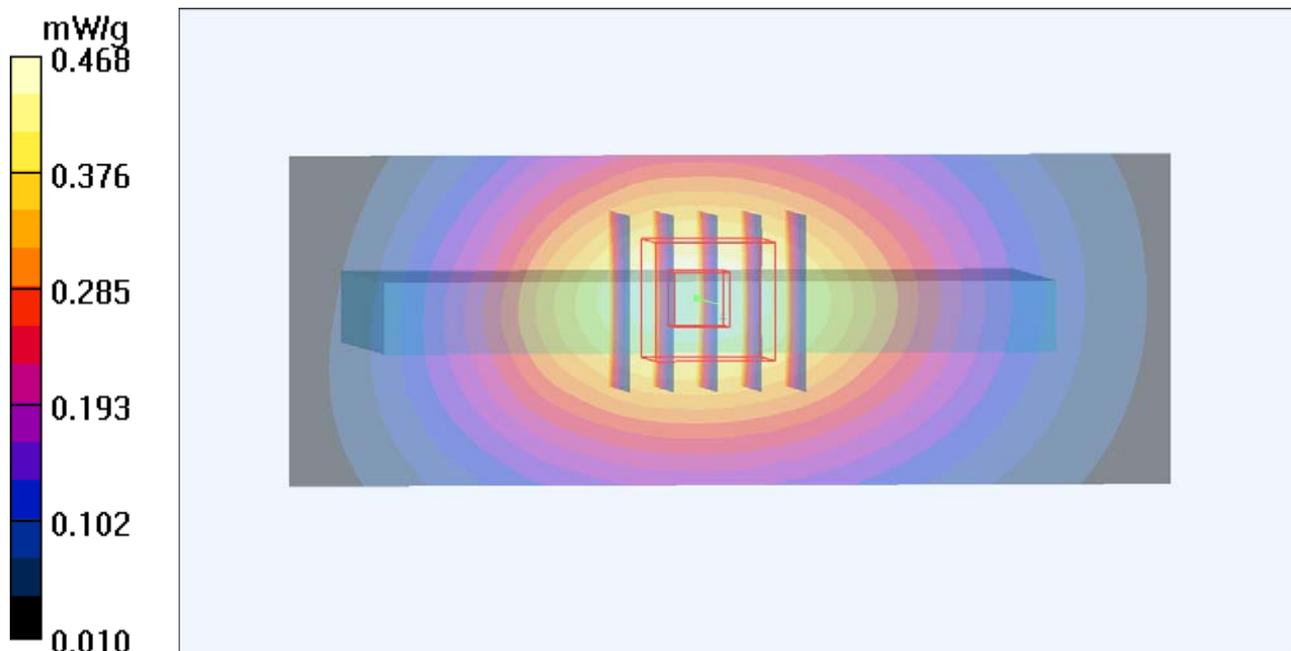
Communication System: LTE band XIII; Frequency: 782 MHz; Duty Cycle: 1:1
Medium: B750_0307 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.999 \text{ mho/m}$; $\epsilon_r = 55.7$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

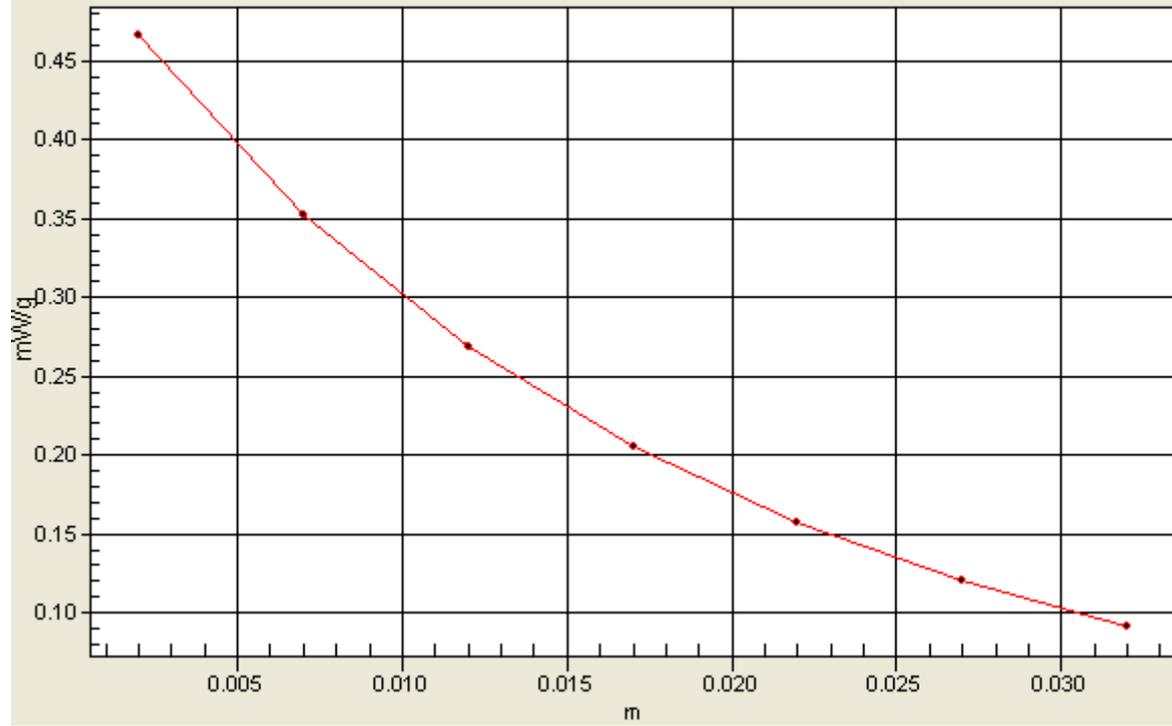
Ch23230/Area Scan (31x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.468 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 21.2 V/m; Power Drift = -0.114 dB
Peak SAR (extrapolated) = 0.523 W/kg
SAR(1 g) = 0.396 mW/g; SAR(10 g) = 0.291 mW/g
Maximum value of SAR (measured) = 0.466 mW/g



1g/10g Averaged SAR

SAR; Zoom Scan: Value Along Z, X=2, Y=2



P53 LTE 13_QPSK_10M_Rear Face_1cm_Ch23230_Battery1_Cover3_1RB_Offset0

DUT: 120201C03

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: B750_0307 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.992 \text{ mho/m}$; $\epsilon_r = 54.935$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch23230/Area Scan (41x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

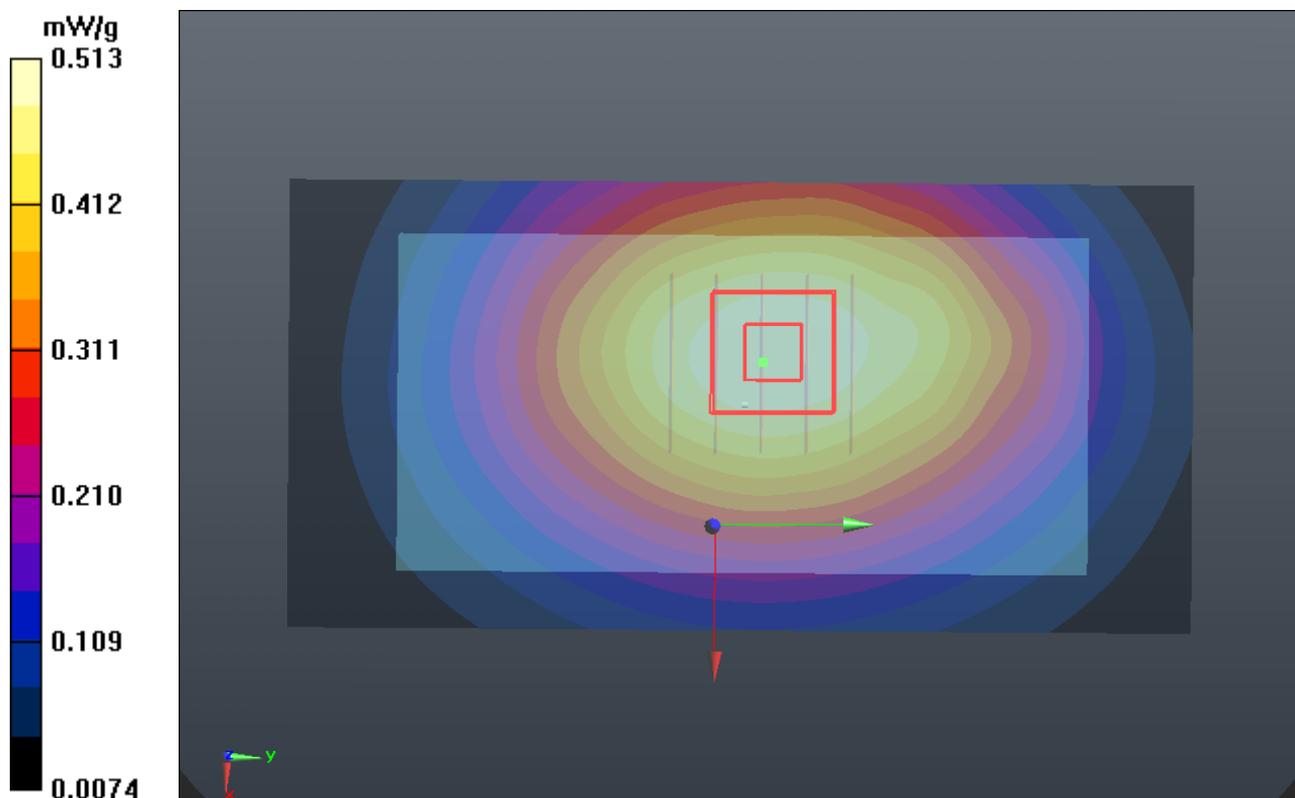
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 21.734 V/m; Power Drift = -0.09 dB

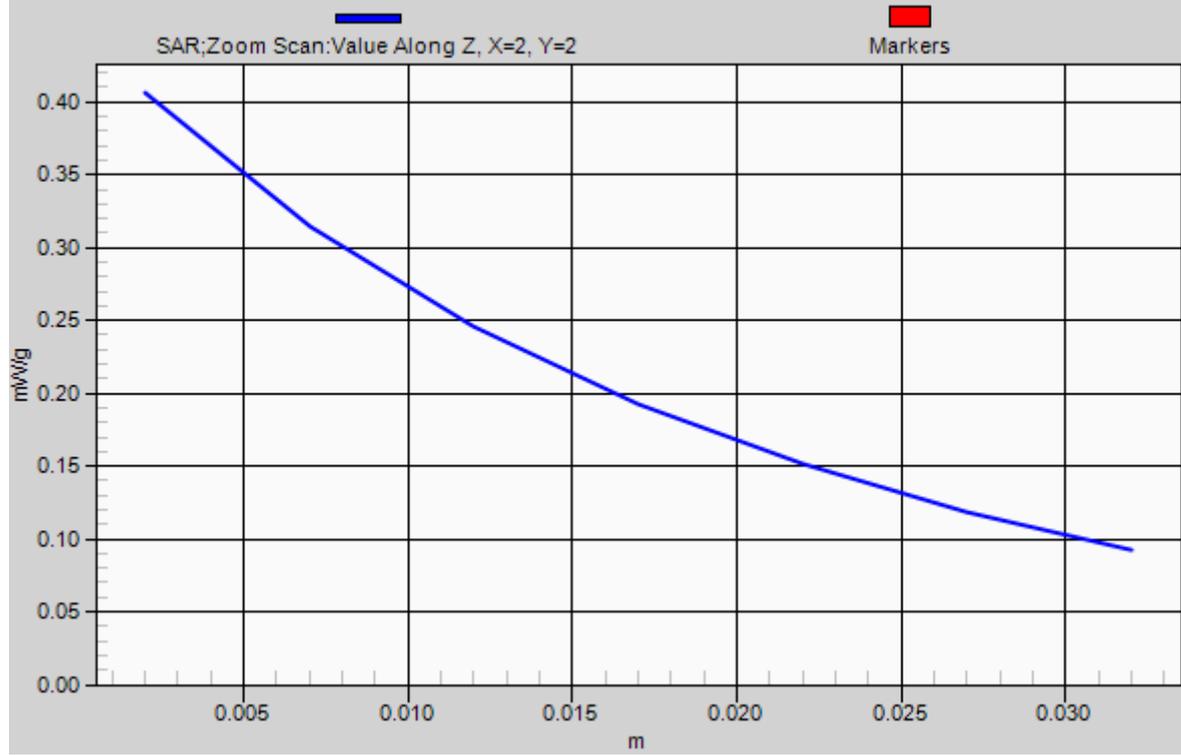
Peak SAR (extrapolated) = 0.4510

SAR(1 g) = 0.351 mW/g; SAR(10 g) = 0.267 mW/g

Maximum value of SAR (measured) = 0.406 mW/g



1g/10g Averaged SAR



P02 802.11b_Rear Face_1cm_ch6_Battery1_Cover3

DUT: 120201C03

Communication System: WLAN_2.4G; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: B2450_0204 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.96$ mho/m; $\epsilon_r = 51.049$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(7.91, 7.91, 7.91); Calibrated: 2011/02/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.110 mW/g

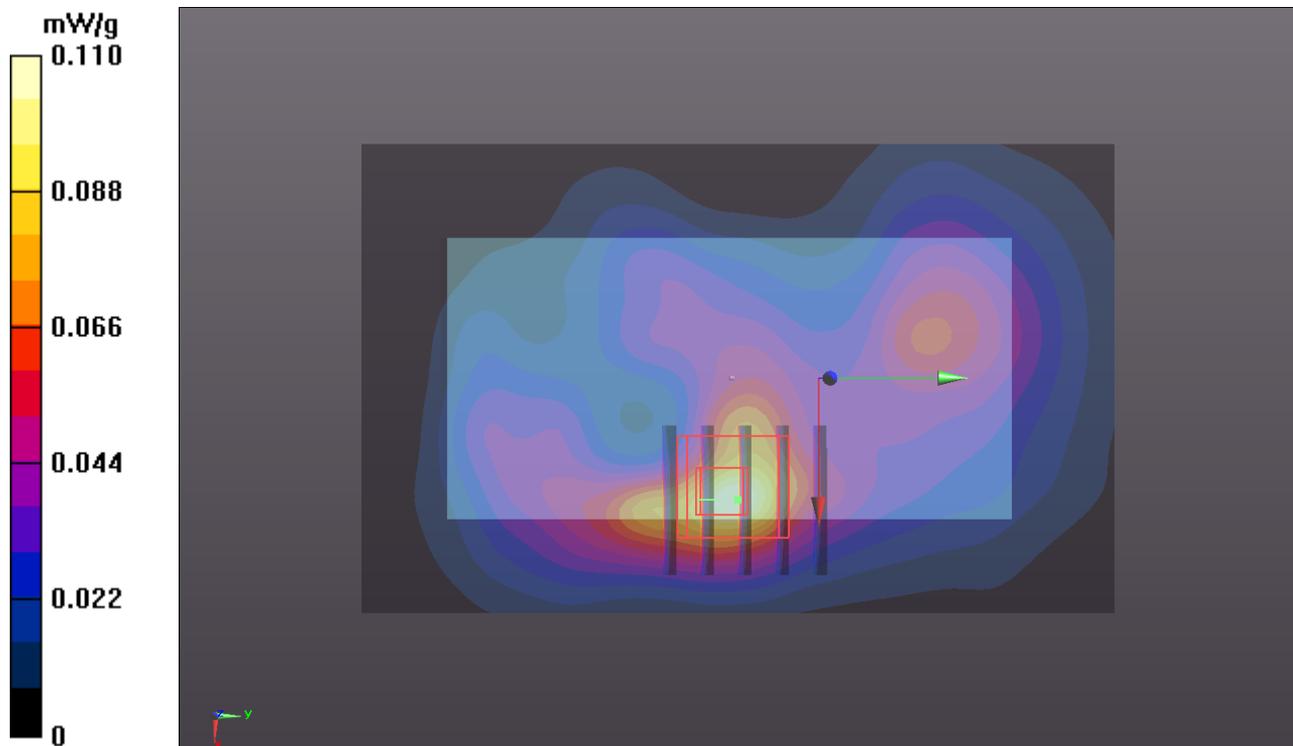
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.824 V/m; Power Drift = -0.038 dB

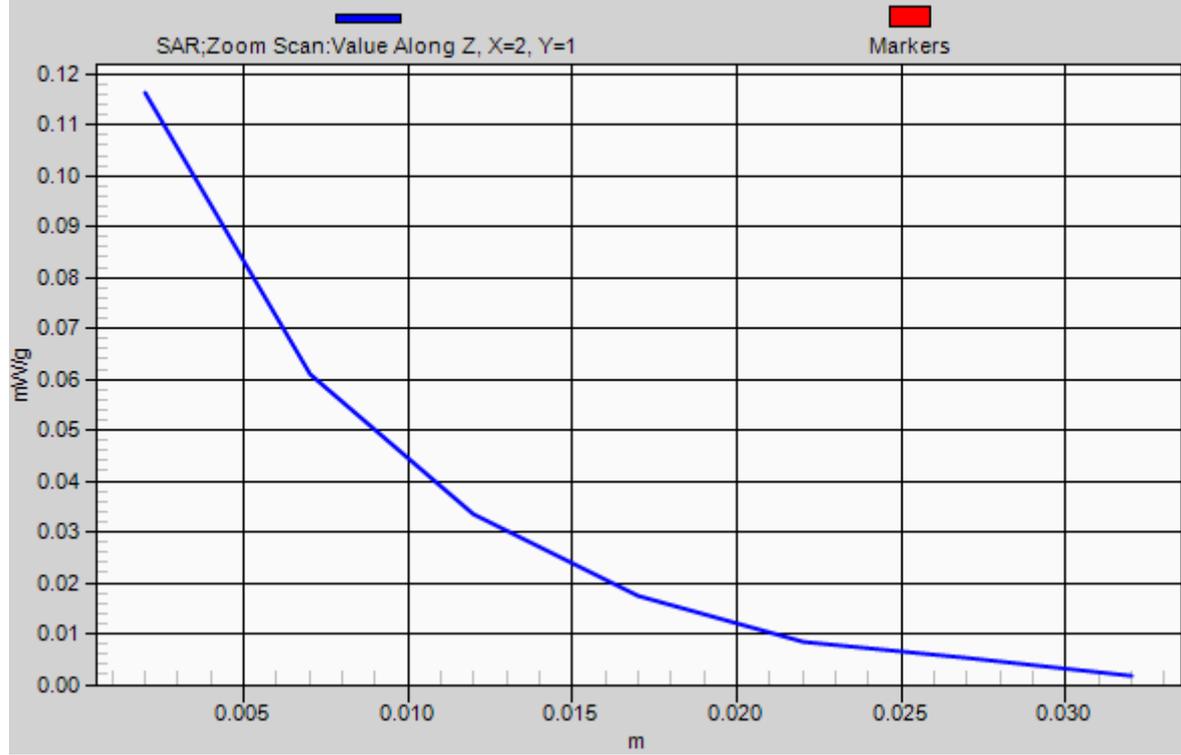
Peak SAR (extrapolated) = 0.1560

SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.043 mW/g

Maximum value of SAR (measured) = 0.116 mW/g



1g/10g Averaged SAR



P07 802.11a_Left Side_1cm_ch36_Battery1_Cover3

DUT: 120201C03

Communication System: WLAN_5G; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: B5G_0204 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.206$ mho/m; $\epsilon_r = 49.273$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.3 °C ; Liquid Temperature : 20.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.81, 4.81, 4.81); Calibrated: 2011/02/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch36/Area Scan (81x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.351 mW/g

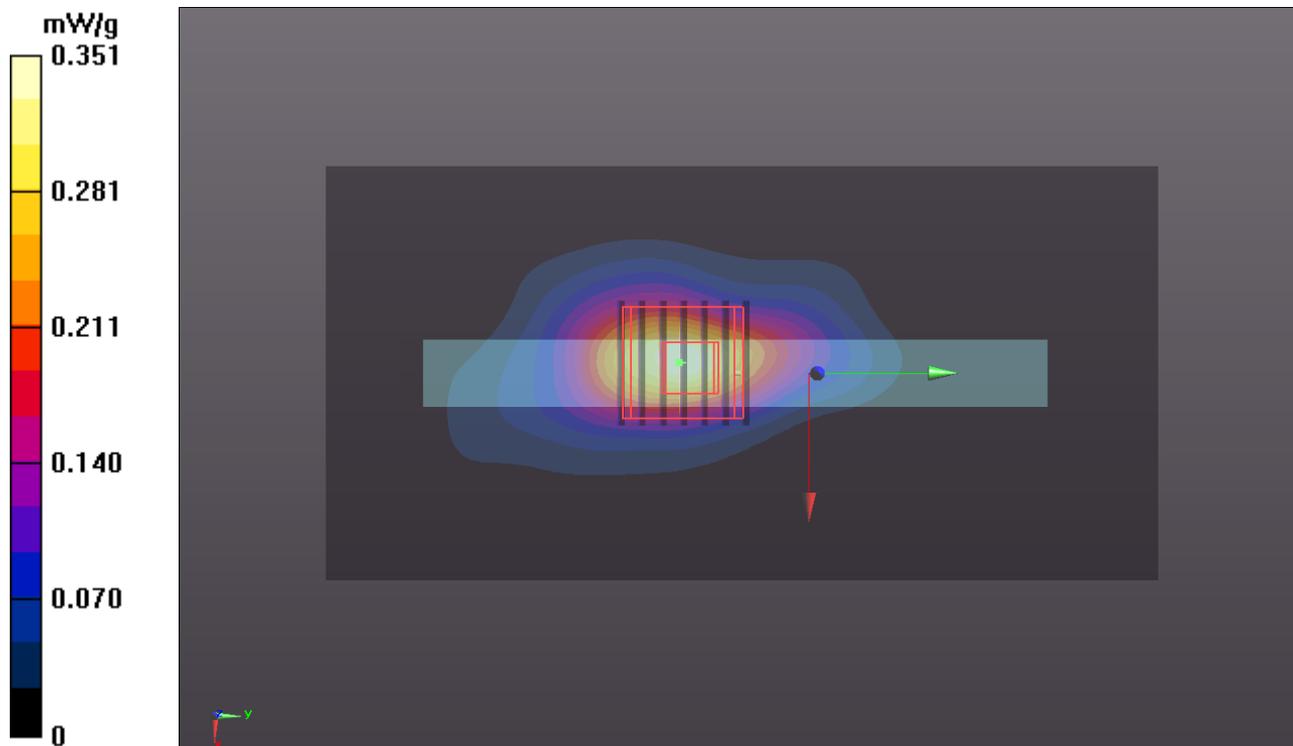
Ch36/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.110 V/m; Power Drift = 0.129 dB

Peak SAR (extrapolated) = 0.8140

SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.072 mW/g

Maximum value of SAR (measured) = 0.442 mW/g



P12 802.11a_Rear Face_1cm_Ch36_Battery1_Cover3

DUT: 120201C03

Communication System: WLAN 5G; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: B5G_0306 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.179$ mho/m; $\epsilon_r = 51.061$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.81, 4.81, 4.81); Calibrated: 2011/02/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch36/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

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

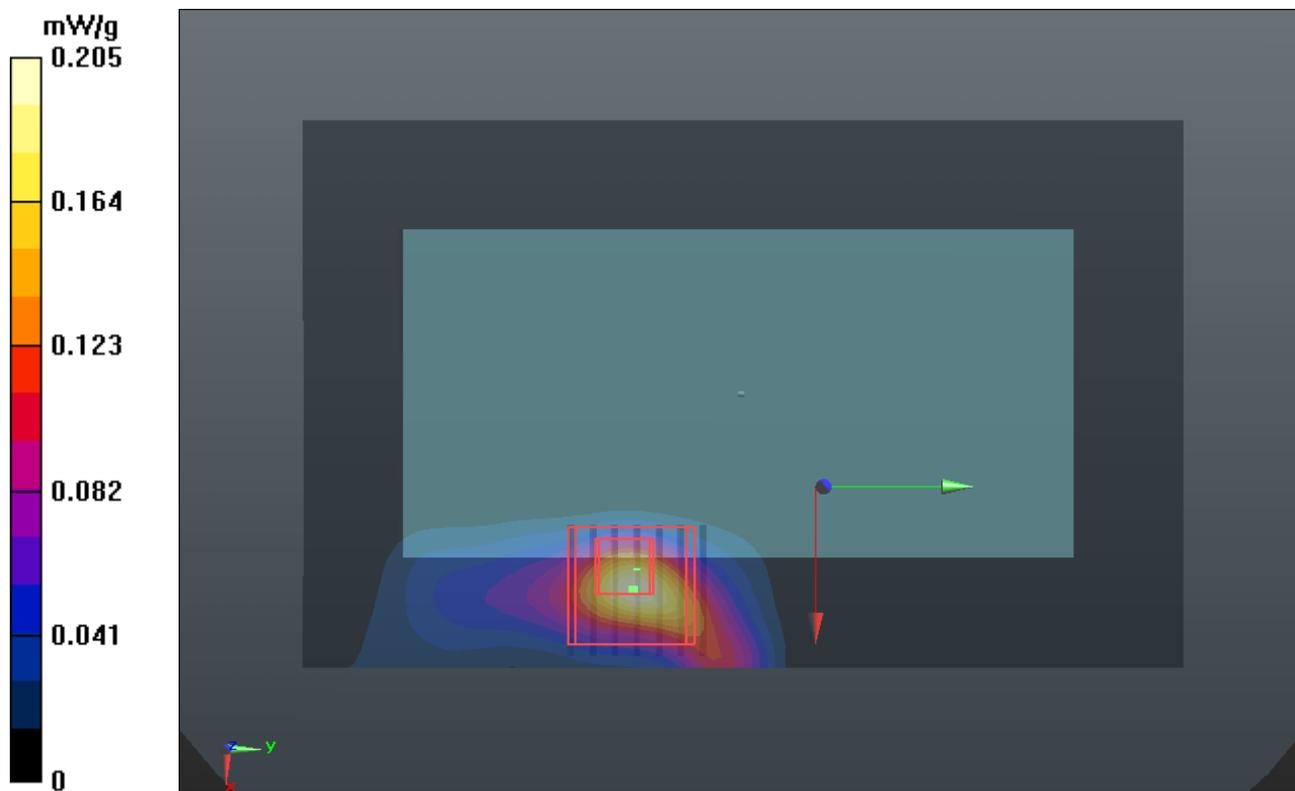
Ch36/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.856 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.5030

SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.022 mW/g

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



P08 802.11a_Left Side_1cm_ch52_Battery1_Cover3

DUT: 120201C03

Communication System: WLAN_5G; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: B5G_0204 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.339$ mho/m; $\epsilon_r = 49.226$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.3 °C ; Liquid Temperature : 20.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.56, 4.56, 4.56); Calibrated: 2011/02/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch52/Area Scan (81x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.364 mW/g

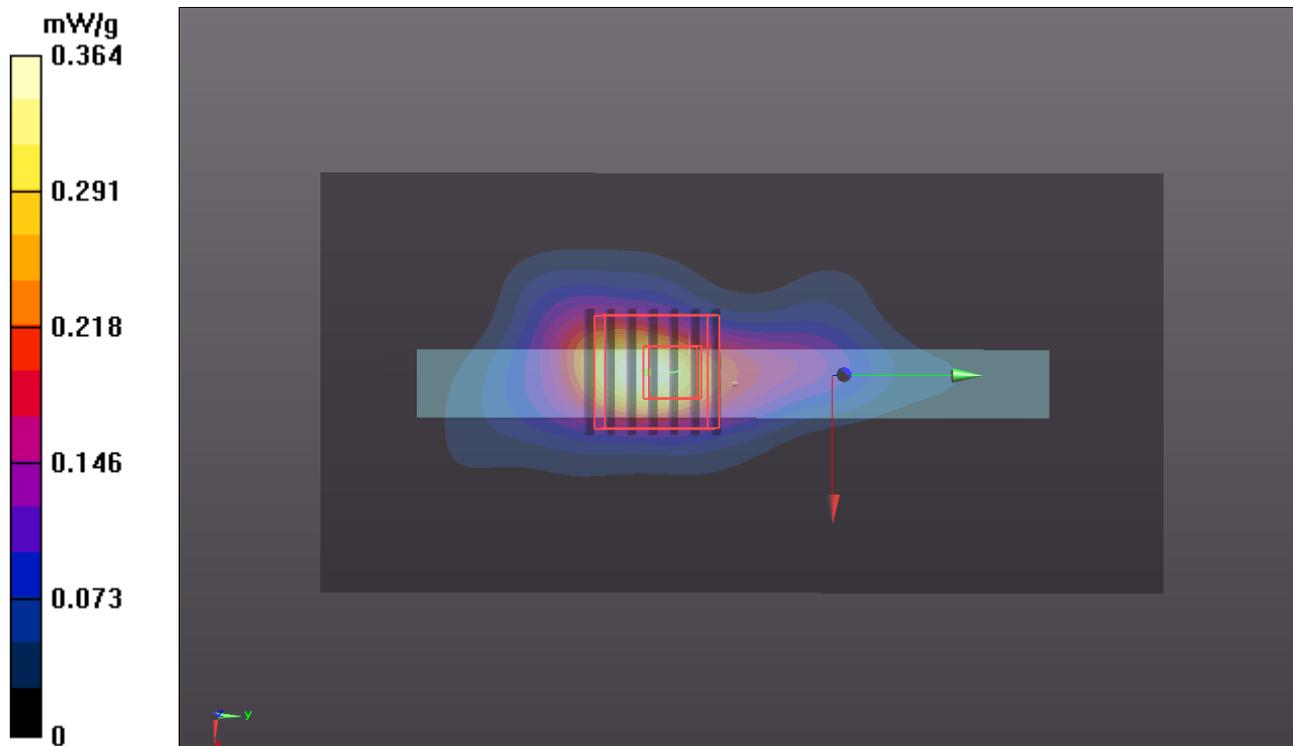
Ch52/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.436 V/m; Power Drift = -0.11 dB

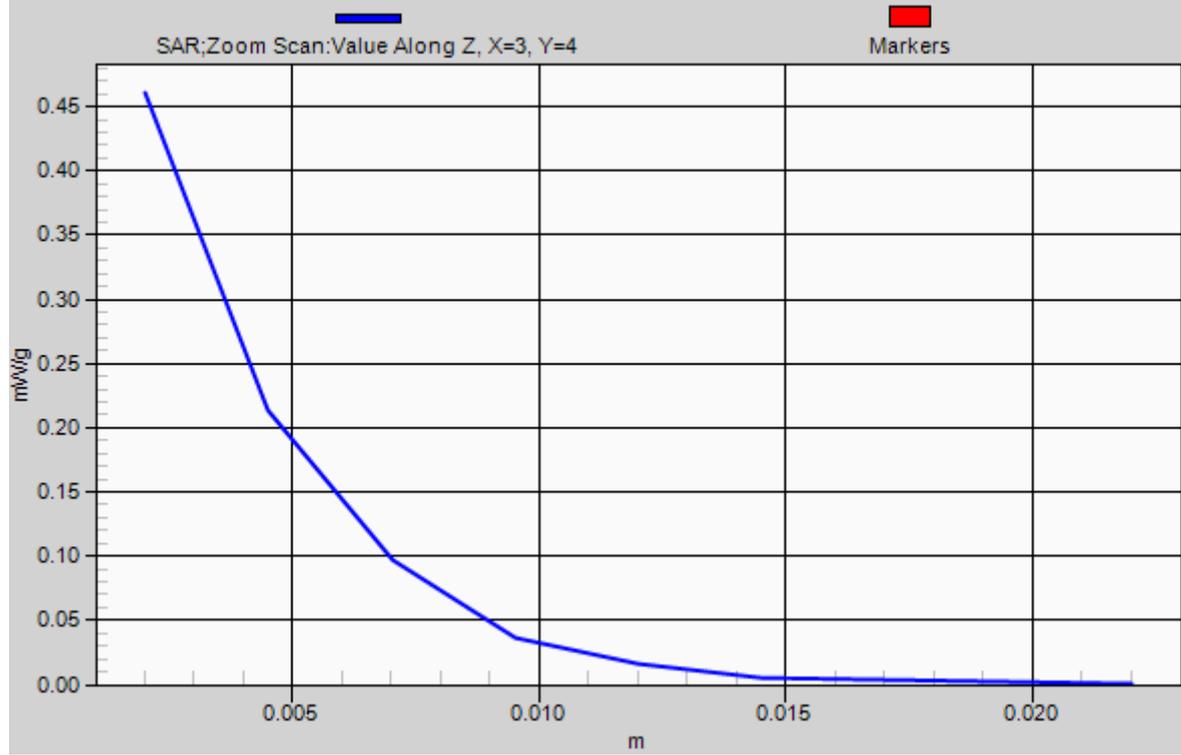
Peak SAR (extrapolated) = 0.8550

SAR(1 g) = 0.229 mW/g; SAR(10 g) = 0.071 mW/g

Maximum value of SAR (measured) = 0.461 mW/g



1g/10g Averaged SAR



P13 802.11a_Rear Face_1cm_Ch52_Battery1_Cover3

DUT: 120201C03

Communication System: WLAN 5G; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: B5G_0306 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.308$ mho/m; $\epsilon_r = 50.974$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.56, 4.56, 4.56); Calibrated: 2011/02/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch52/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

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

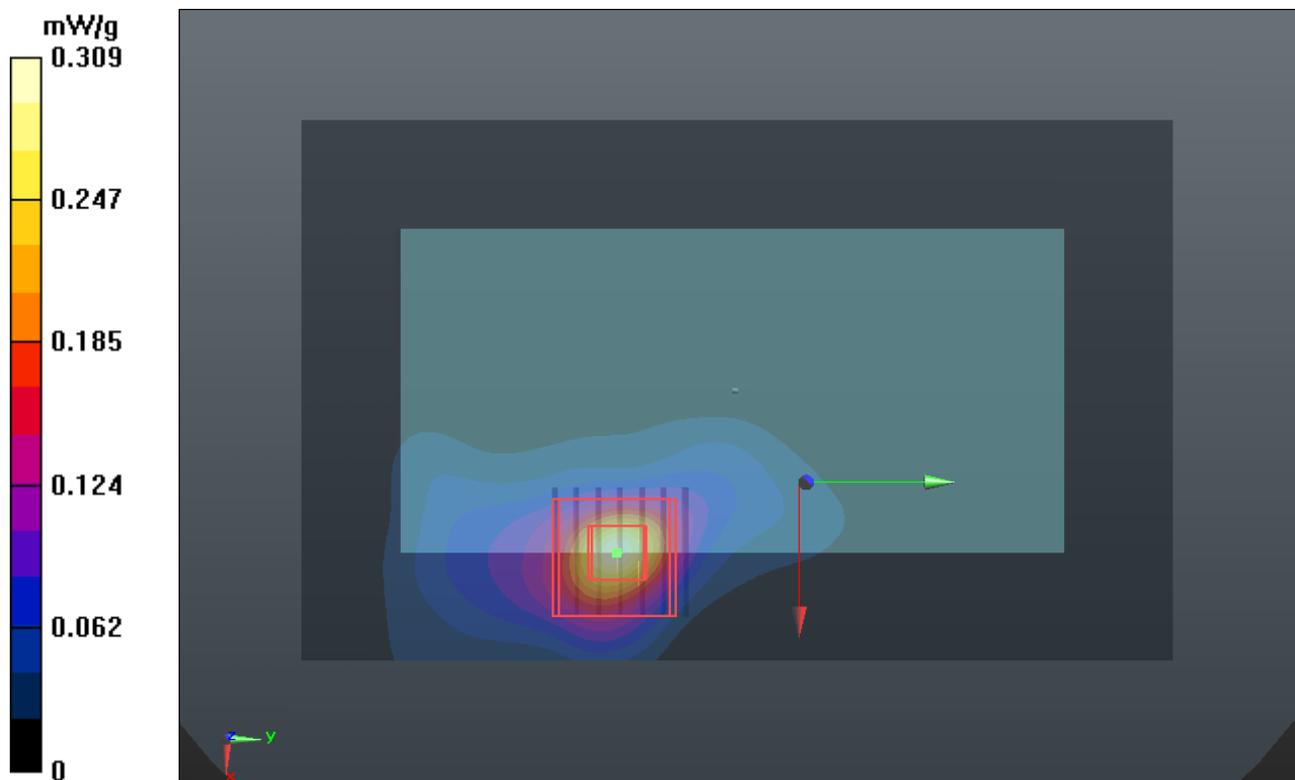
Ch52/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.351 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.5580

SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.057 mW/g

Maximum value of SAR (measured) = 0.311 mW/g



P09 802.11a_Left Side_1cm_ch140_Battery1_Cover3

DUT: 120201C03

Communication System: WLAN_5G; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: B5G_0204 Medium parameters used: $f = 5700$ MHz; $\sigma = 6.033$ mho/m; $\epsilon_r = 48.366$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2 °C ; Liquid Temperature : 20.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.01, 4.01, 4.01); Calibrated: 2011/02/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch140/Area Scan (81x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.453 mW/g

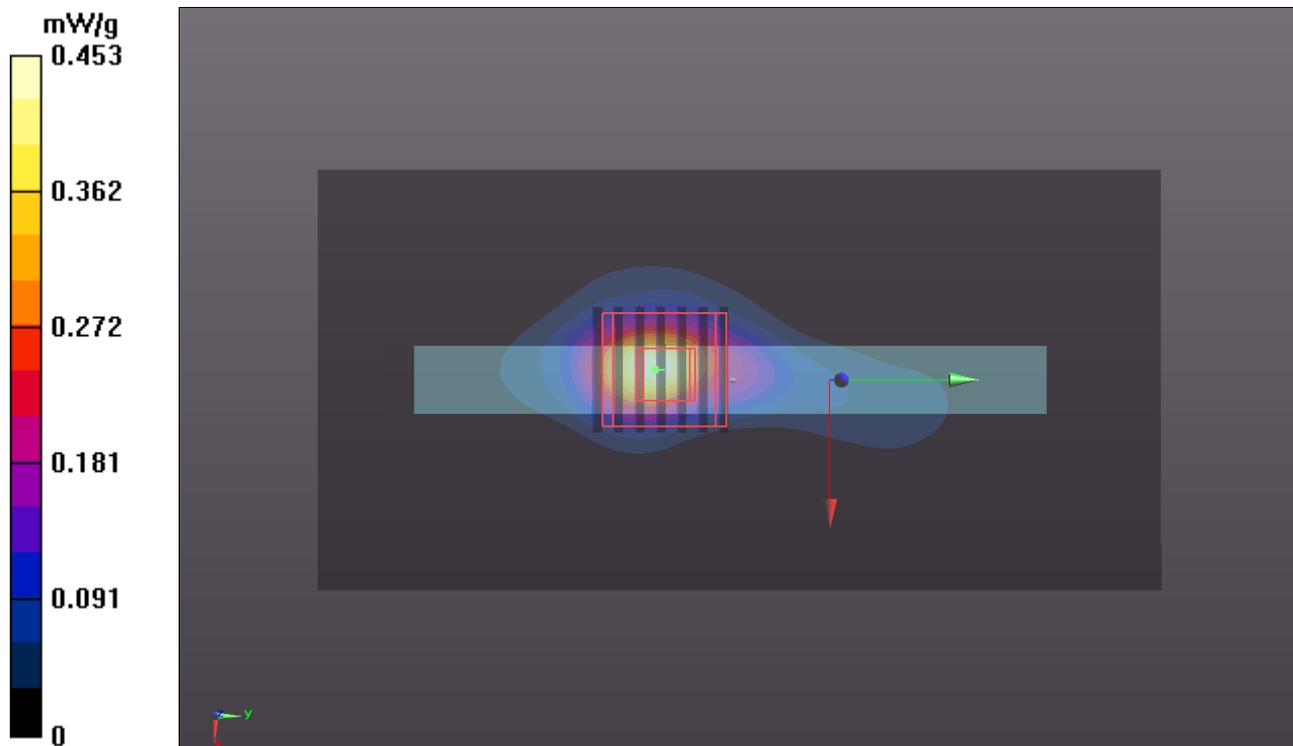
Ch140/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.703 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.9030

SAR(1 g) = 0.228 mW/g; SAR(10 g) = 0.072 mW/g

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



P14 802.11a_Rear Face_1cm_Ch140_Battery1_Cover3

DUT: 120201C03

Communication System: WLAN 5G; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: B5G_0306 Medium parameters used: $f = 5700$ MHz; $\sigma = 6.04$ mho/m; $\epsilon_r = 50.101$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.01, 4.01, 4.01); Calibrated: 2011/02/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch140/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.269 mW/g

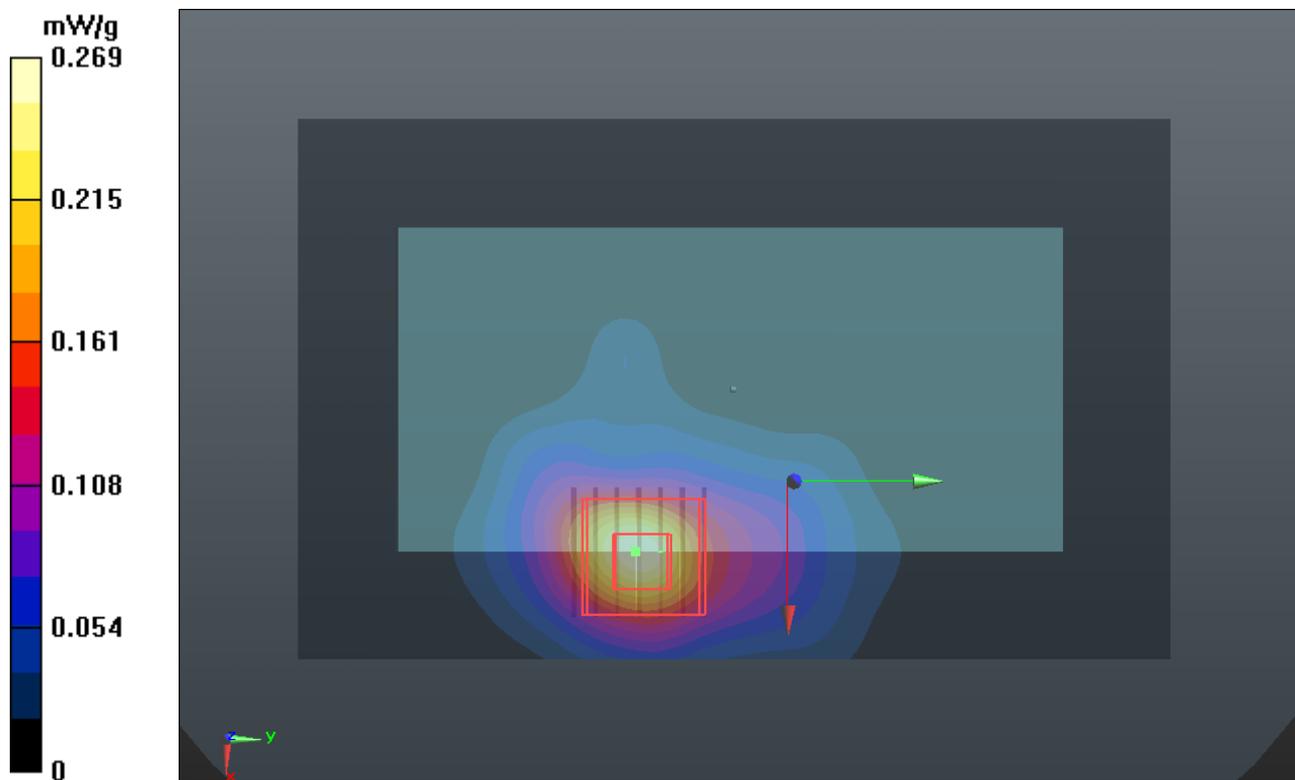
Ch140/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.045 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.5150

SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.049 mW/g

Maximum value of SAR (measured) = 0.267 mW/g



P10 802.11a_Left Side_1cm_ch161_Battery1_Cover3

DUT: 120201C03

Communication System: WLAN_5G; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: B5G_0204 Medium parameters used: $f = 5805$ MHz; $\sigma = 6.218$ mho/m; $\epsilon_r = 48.301$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.3 °C ; Liquid Temperature : 20.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.55, 4.55, 4.55); Calibrated: 2011/02/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch161/Area Scan (41x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.774 mW/g

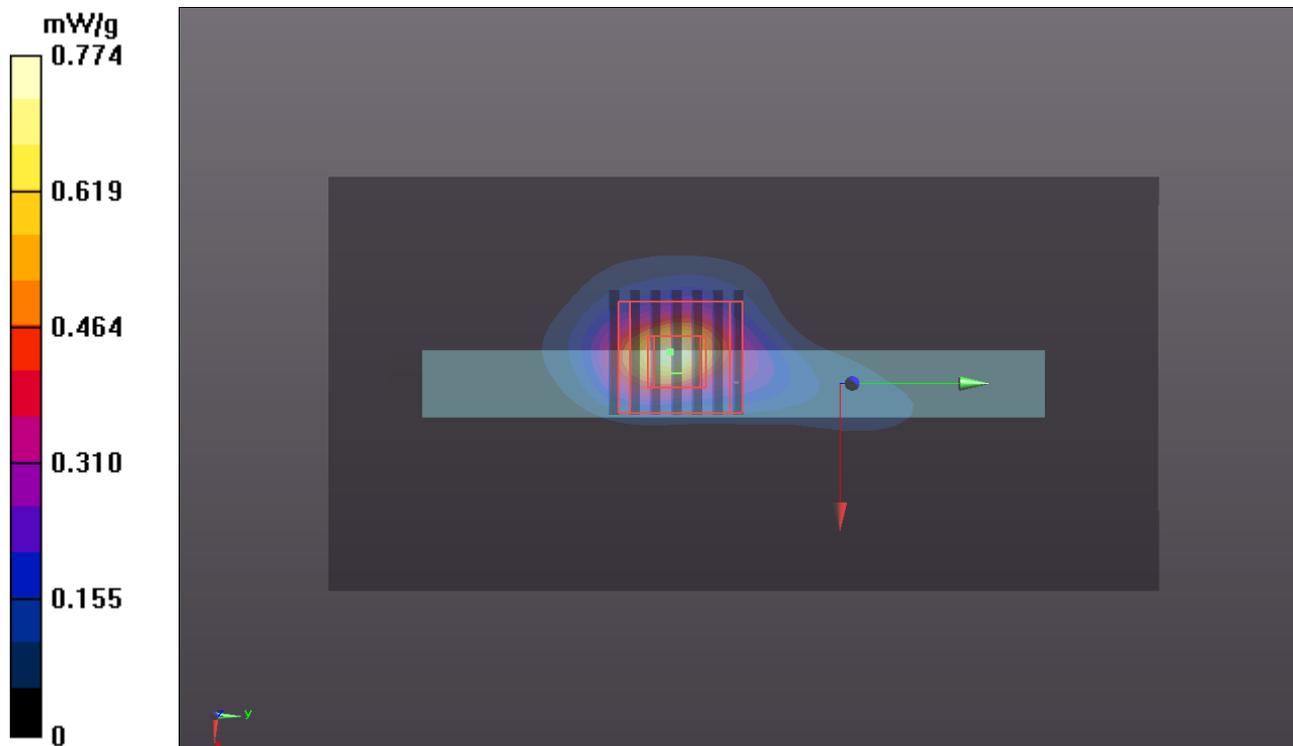
Ch161/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.532 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.0740

SAR(1 g) = 0.220 mW/g; SAR(10 g) = 0.094 mW/g

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



P15 802.11a_Rear Face_1cm_Ch161_Battery1_Cover3

DUT: 120201C03

Communication System: WLAN 5G; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: B5G_0306 Medium parameters used: $f = 5805$ MHz; $\sigma = 6.198$ mho/m; $\epsilon_r = 49.847$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.55, 4.55, 4.55); Calibrated: 2011/02/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2011/09/23
- Phantom: SAM Phantom_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch161/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.328 mW/g

Ch161/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.945 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.5260

SAR(1 g) = 0.145 mW/g; SAR(10 g) = 0.052 mW/g

Maximum value of SAR (measured) = 0.283 mW/g

