

APPENDIX 1 : SAR Measurement data

1. Evaluation procedure

The evaluation was performed with the following procedure:

Step 1: Measurement of the E-field at a fixed location above the ear point or central position of flat phantom was used as a reference value for assessing the power drop.

Step 2: The SAR distribution at the exposed side of head or body position was measured at a distance of each device from the inner surface of the shell. The area covered the entire dimension of the antenna of EUT and the horizontal grid spacing was 15 mm x 15 mm for 2.4GHz band and 10mm x 10mm for 5GHz band. Based on these data, the area of the maximum absorption was determined by spline interpolation.

Step 3: Around this point found in the Step 2 (area scan) , a volume of 30mm x 30mm x 30mm or more was assessed by measuring 7 x 7 x 7 points at least for 2.4GHz band., and a volume of 28mm x 28mm x 22.5mm or more was assessed by measuring 8 x 8 x 10 points at least for 5GHz band.

And for any secondary peaks found in the Step2 which are within 2dB of maximum peak and not with this Step3 (Zoom scan) is repeated. On the basis of this data set, the spatial peak SAR value was evaluated under the following procedure:

(1). The data at the surface were extrapolated, since the center of the dipoles is 1mm(EX3DV3) away from the tip of the probe and the distance between the surface and the lowest measuring point is 1.3 mm. The extrapolation was based on a least square algorithm [4]. A polynomial of the fourth order was calculated through the points in z-axes.

This polynomial was then used to evaluate the points between the surface and the probe tip.

(2). The maximum interpolated value was searched with a straightforward algorithm. Around this maximum the SAR values averaged over the spatial volumes (1 g or 10 g) were computed by the 3D-Spline interpolation algorithm. The 3D-Spline is composed of three one-dimensional splines with the "Not a knot"-condition (in x, y and z-directions) [4], [5]. The volume was integrated with the trapezoidal-algorithm. One thousand points (10 x 10 x 10) were interpolated to calculate the average.

(3). All neighboring volumes were evaluated until no neighboring volume with a higher average value was found.

Step 4: Re-measurement of the E-field at the same location as in Step 1.

2. Measurement data

i) WLAN (2.4GHz) Body

SC-02D Rear 0mm 11b 2412MHz 1Mbps

Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n;

Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(7.64, 7.64, 7.64); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: ELI 4.0; Type: QDOVA001BA

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.933 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.356 V/m; Power Drift = -0.12dB

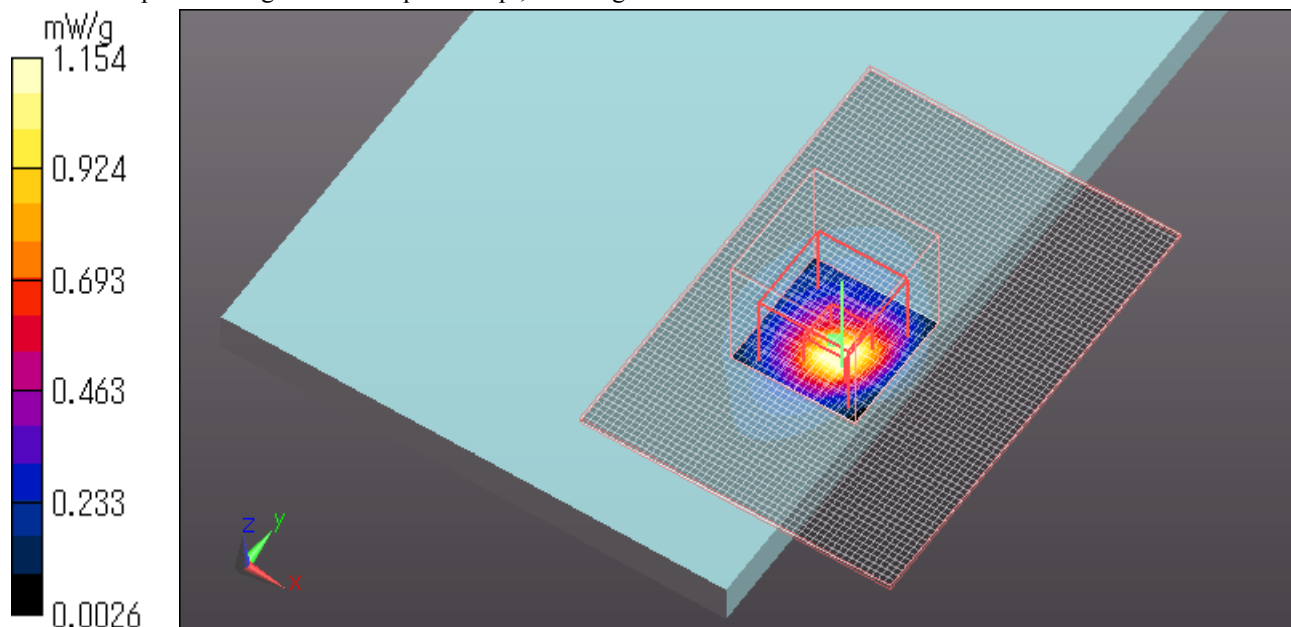
Peak SAR (extrapolated) = 2.039 W/kg

SAR(1 g) = 0.698 mW/g; SAR(10 g) = 0.267 mW/g

Maximum value of SAR (measured) = 1.154 mW/g

Date: 2011/10/20

Ambient Temp. : 24.5 degree.C. Liquid Temp.; 24.7 degree.C.



Z Scan at maximum Body SAR in WLAN 2.4Gband

SC-02D Rear 0mm 11b 2412MHz 1Mbps

Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n;

Frequency: 2450 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(7.64, 7.64, 7.64); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: ELI 4.0; Type: QDOVA001BA

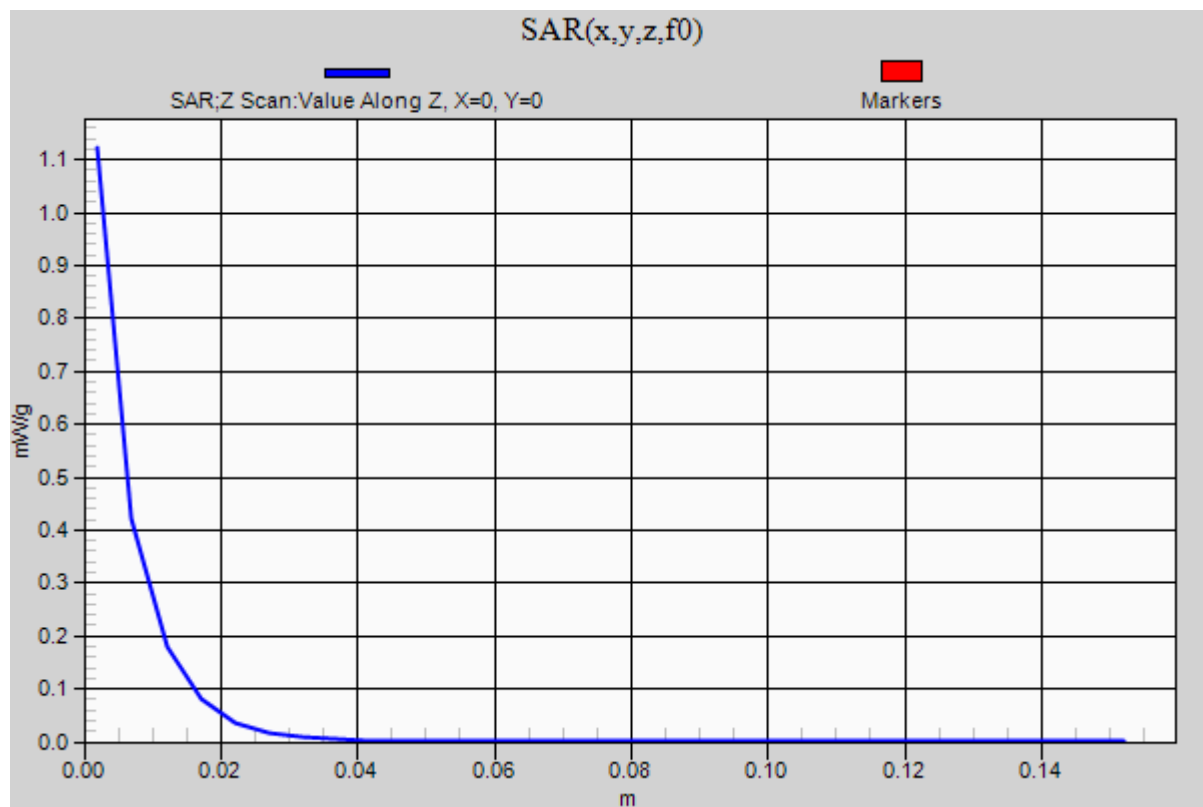
Measurement SW: DASY52, Version 52.6 (1);

Z Scan (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 1.122 mW/g

Date: 2011/10/20

Ambient Temp. : 24.5 degree.C. Liquid Temp.; 24.7 degree.C.



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SC-02D Left Edge 0mm 11b 2412MHz 1Mbps

Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n;

Frequency: 2450 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(7.64, 7.64, 7.64); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: ELI 4.0; Type: QDOVA001BA

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.117 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.141 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.182 W/kg

SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.032 mW/g

Maximum value of SAR (measured) = 0.120 mW/g

Zoom Scan (7x10x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.141 V/m; Power Drift = 0.12 dB

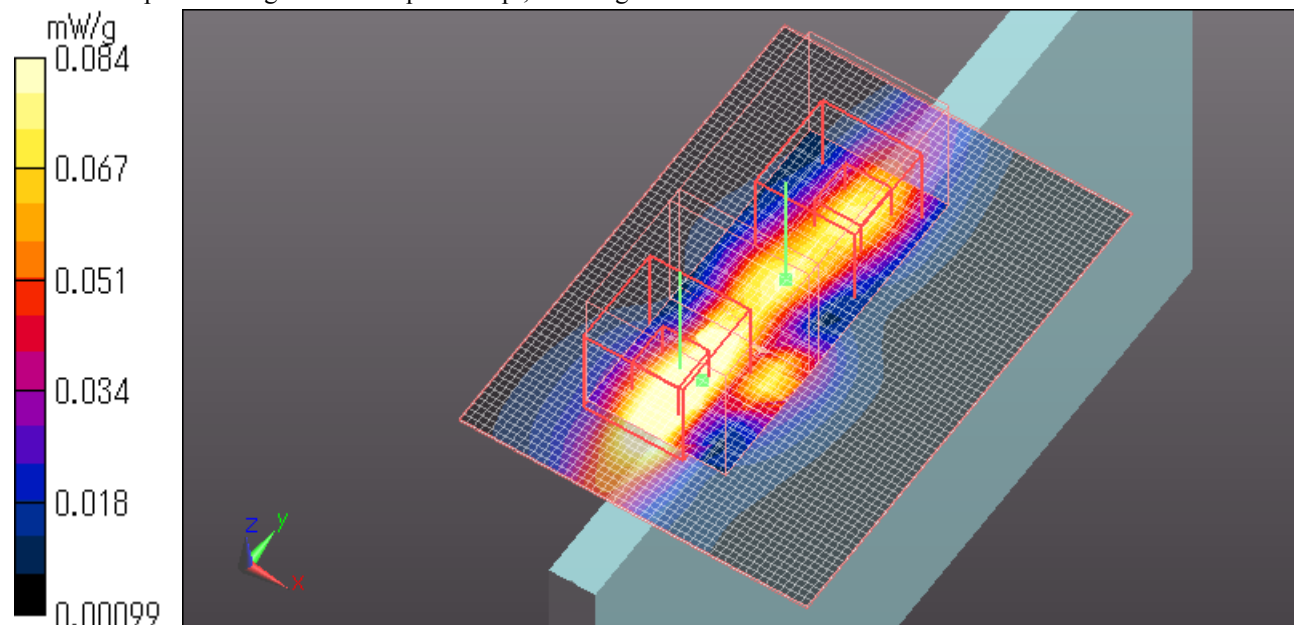
Peak SAR (extrapolated) = 0.130 W/kg

SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.024 mW/g

Maximum value of SAR (measured) = 0.084 mW/g

Date: 2011/10/20

Ambient Temp. : 24.5 degree.C. Liquid Temp.; 24.7 degree.C.



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<Reference DATA> SC-02D Front 10mm 11b 2412MHz 1Mbps

Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n;

Frequency: 2450 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(7.64, 7.64, 7.64); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: ELI 4.0; Type: QDOVA001BA

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.031 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.986 V/m; Power Drift = 0.14 dB

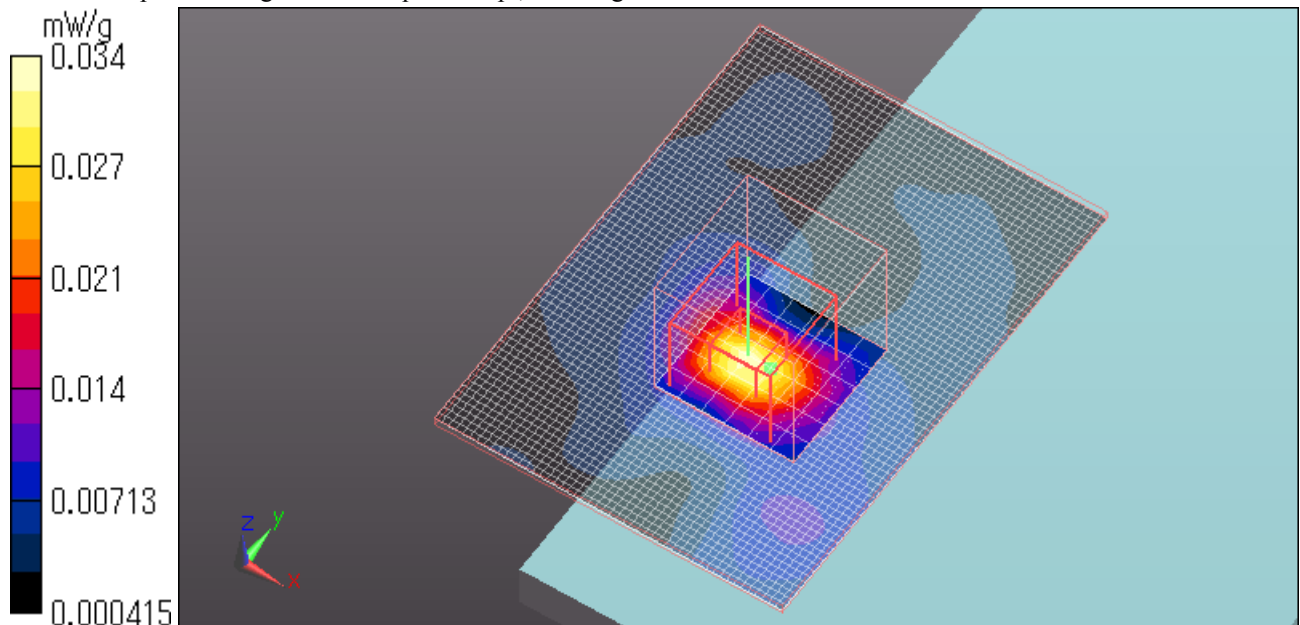
Peak SAR (extrapolated) = 0.053 W/kg

SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.00907 mW/g

Maximum value of SAR (measured) = 0.034 mW/g

Date: 2011/10/20

Ambient Temp. : 24.5 degree.C. Liquid Temp.; 24.7 degree.C.



<Reference DATA> SC-02D Rear 10mm 11b 2412MHz 1Mbps

Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n;

Frequency: 2450 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(7.64, 7.64, 7.64); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: ELI 4.0; Type: QDOVA001BA

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.082 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.418 V/m; Power Drift = -0.17 dB

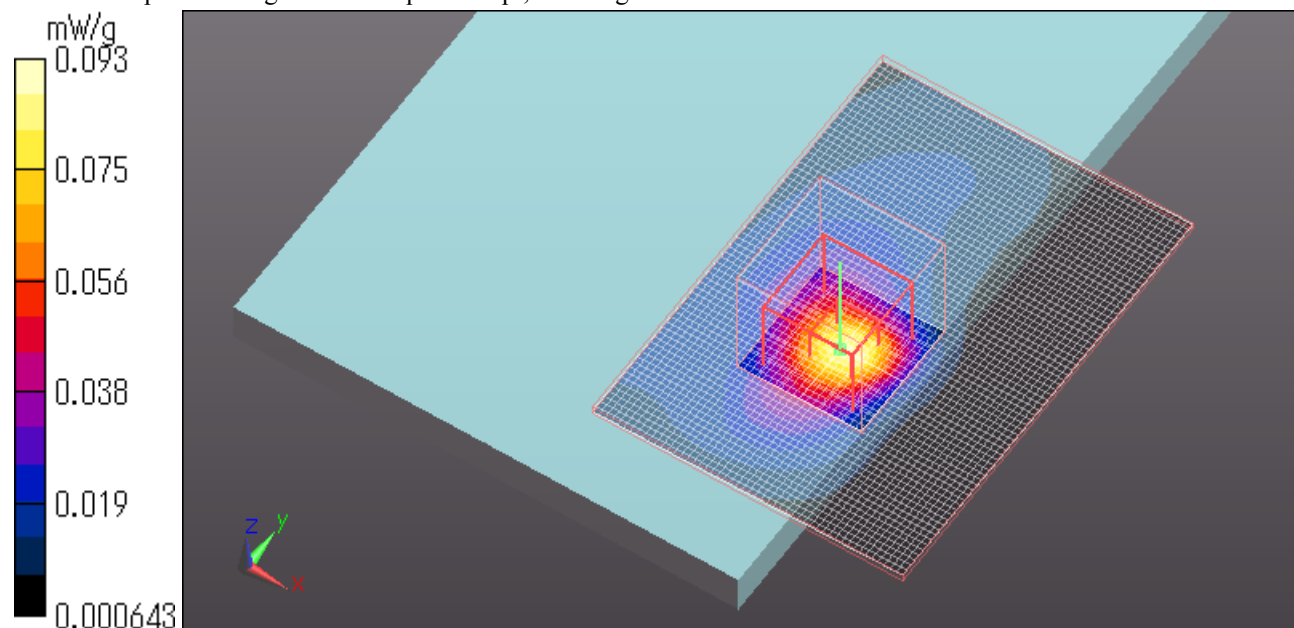
Peak SAR (extrapolated) = 0.133 W/kg

SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.027 mW/g

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

Date: 2011/10/20

Ambient Temp. : 24.5 degree.C. Liquid Temp.; 24.7 degree.C.



SC-02D Rear 7mm 11b 2412MHz 1Mbps

Communication System: WLAN 11a/b/g/n ; Communication System Band: WLAN 11b/g/n;

Frequency: 2450 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(7.64, 7.64, 7.64); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: ELI 4.0; Type: QDOVA001BA

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.180 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.461 V/m; Power Drift = 0.13 dB

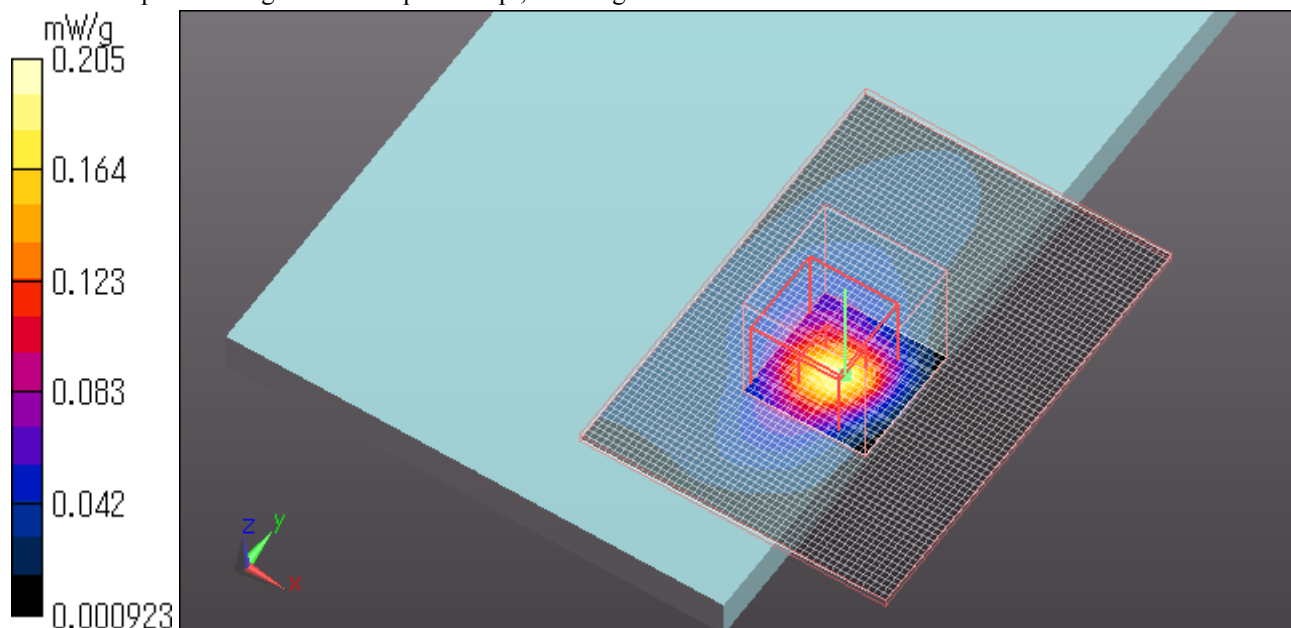
Peak SAR (extrapolated) = 0.298 W/kg

SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.054 mW/g

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

Date: 2011/10/20

Ambient Temp. : 24.5 degree.C. Liquid Temp.; 24.7 degree.C.



ii) WLAN(5GHz) Body

SC-02D Rear 0mm 11a 5240MHz 6Mbps

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n ;

Frequency: 5200 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.49$ mho/m; $\epsilon_r = 46.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(3.94, 3.94, 3.94); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: ELI 4.0; Type: QDOVA001BA

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.867 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.342 V/m; Power Drift = 0.03 dB

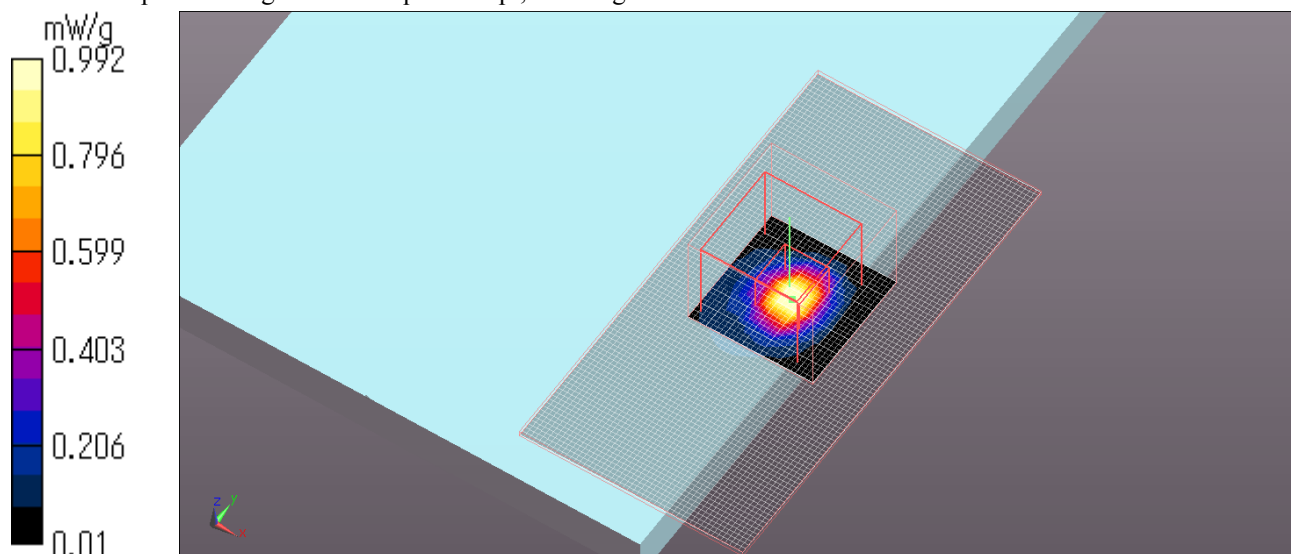
Peak SAR (extrapolated) = 2.385 W/kg

SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.113 mW/g

Maximum value of SAR (measured) = 0.992 mW/g

Date: 2011/10/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Z Scan at maximum Body SAR in WLAN 5.2Gband

SC-02D Rear 0mm 11a 5240MHz 6Mbps

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n ;

Frequency: 5200 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.49$ mho/m; $\epsilon_r = 46.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(3.94, 3.94, 3.94); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

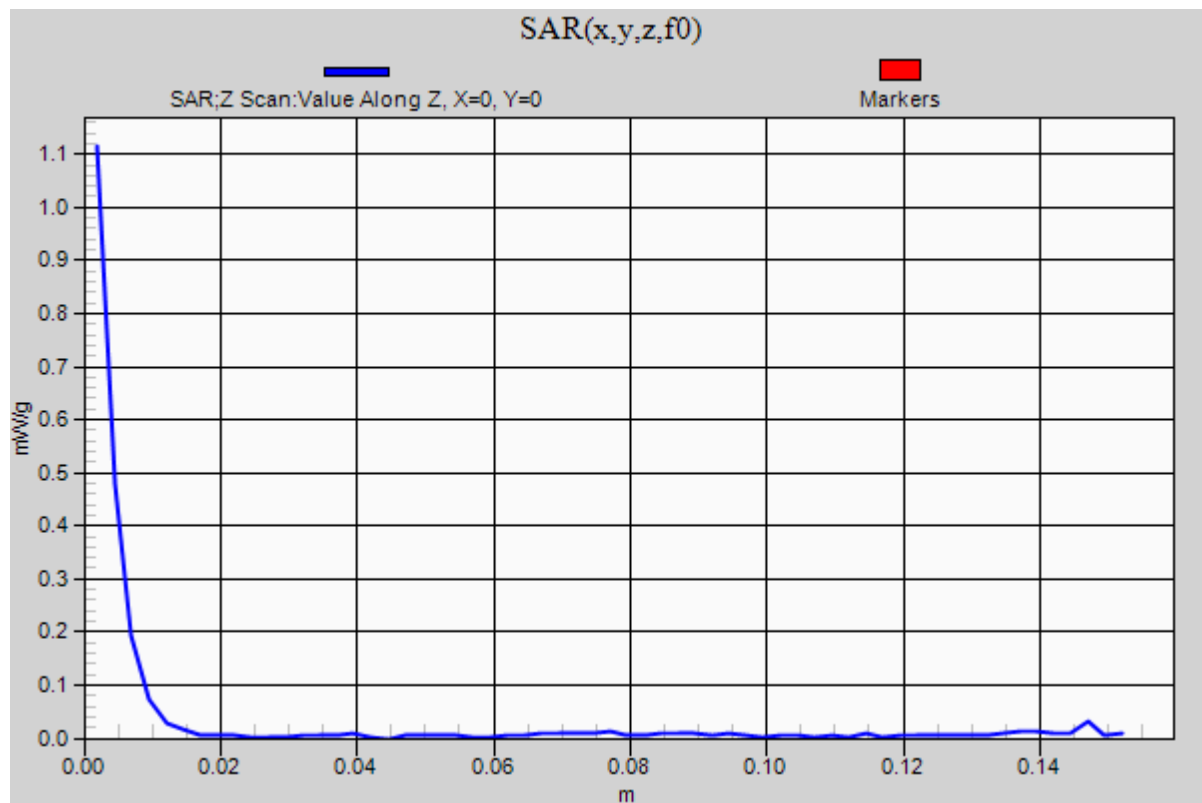
Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: ELI 4.0; Type: QDOVA001BA

Measurement SW: DASY52, Version 52.6 (1);

Z Scan (1x1x61): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

Maximum value of SAR (measured) = 1.115 mW/g



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SC-02D Left edge 0mm 11a 5240MHz 6Mbps

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n ;

Frequency: 5200 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.49$ mho/m; $\epsilon_r = 46.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(3.94, 3.94, 3.94); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: ELI 4.0; Type: QDOVA001BA

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.383 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.059 V/m; Power Drift = 0.14 dB

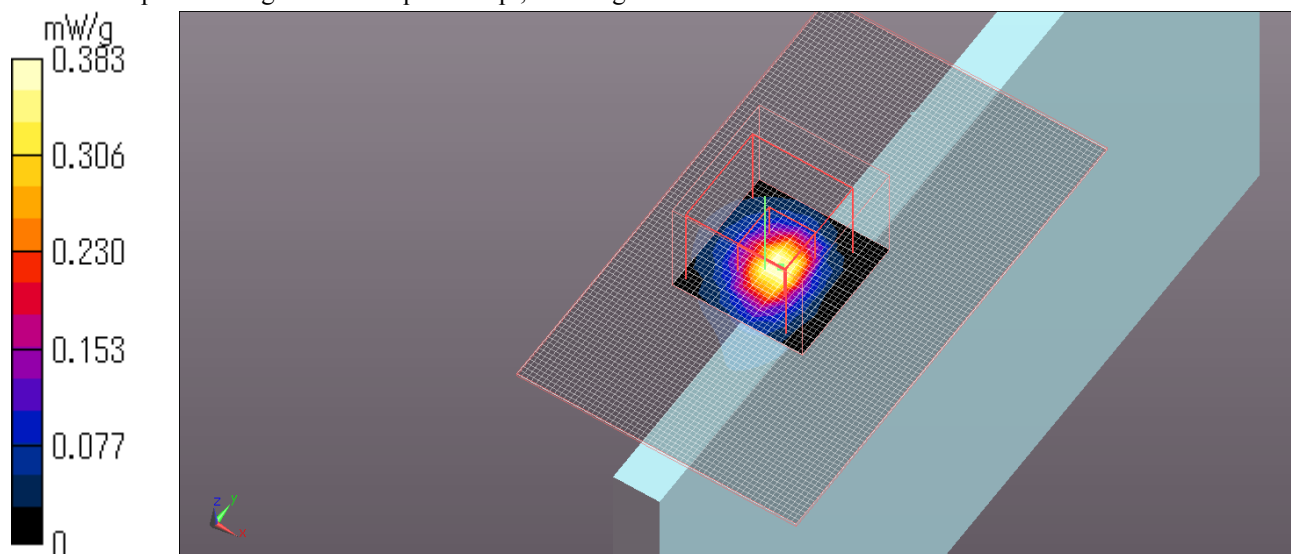
Peak SAR (extrapolated) = 1.482 W/kg

SAR(1 g) = 0.186 mW/g; SAR(10 g) = 0.053 mW/g

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

Date: 2011/10/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



SC-02D Rear 0mm 11n40 5310MHz MCS0

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n ; Frequency: 5300 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5300$ MHz; $\sigma = 5.68$ mho/m; $\epsilon_r = 47$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(3.59, 3.59, 3.59); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.924 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 17.897 V/m; Power Drift = -0.01 dB

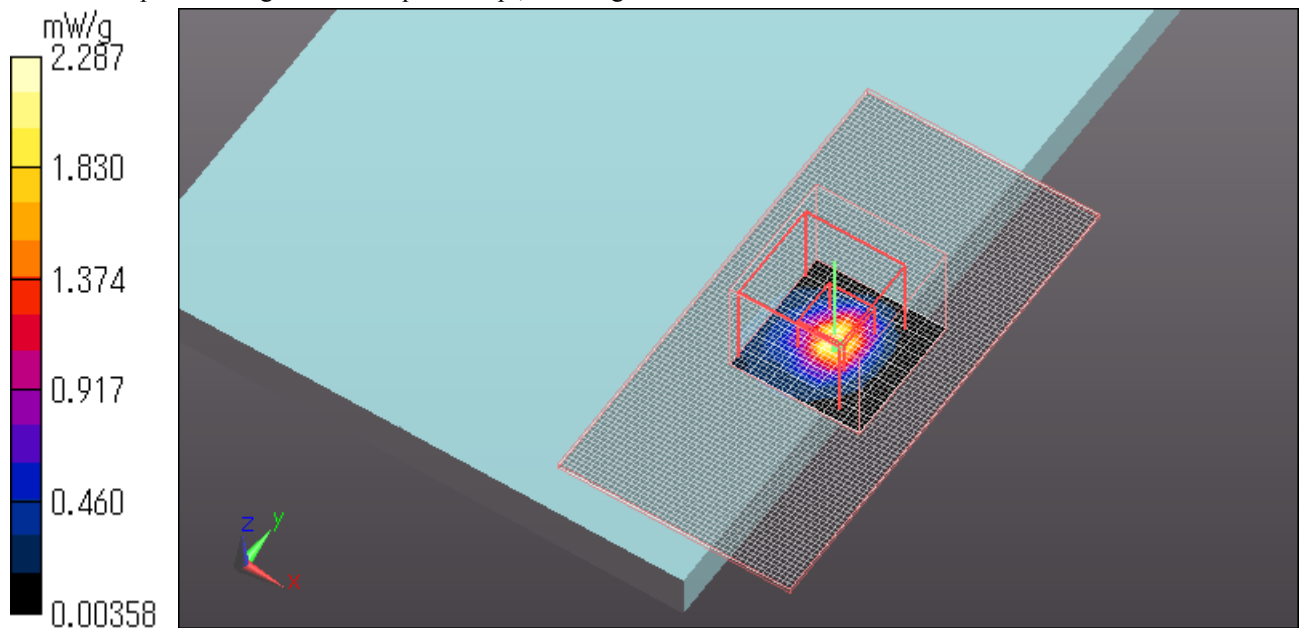
Peak SAR (extrapolated) = 4.831 W/kg

SAR(1 g) = 0.958 mW/g; SAR(10 g) = 0.203 mW/g

Maximum value of SAR (measured) = 2.287 mW/g

Date: 2011/11/08

Ambient Temp. : 24.3 degree.C. Liquid Temp.; 24.0 degree.C.



SC-02D Rear 0mm 11a 5260MHz 6Mbps

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n ;

Frequency: 5300 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5300 \text{ MHz}$; $\sigma = 5.63 \text{ mho/m}$; $\epsilon_r = 46.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(3.59, 3.59, 3.59); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: ELI 4.0; Type: QDOVA001BA

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (51x101x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 1.792 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 1.841 V/m; Power Drift = -0.19 dB

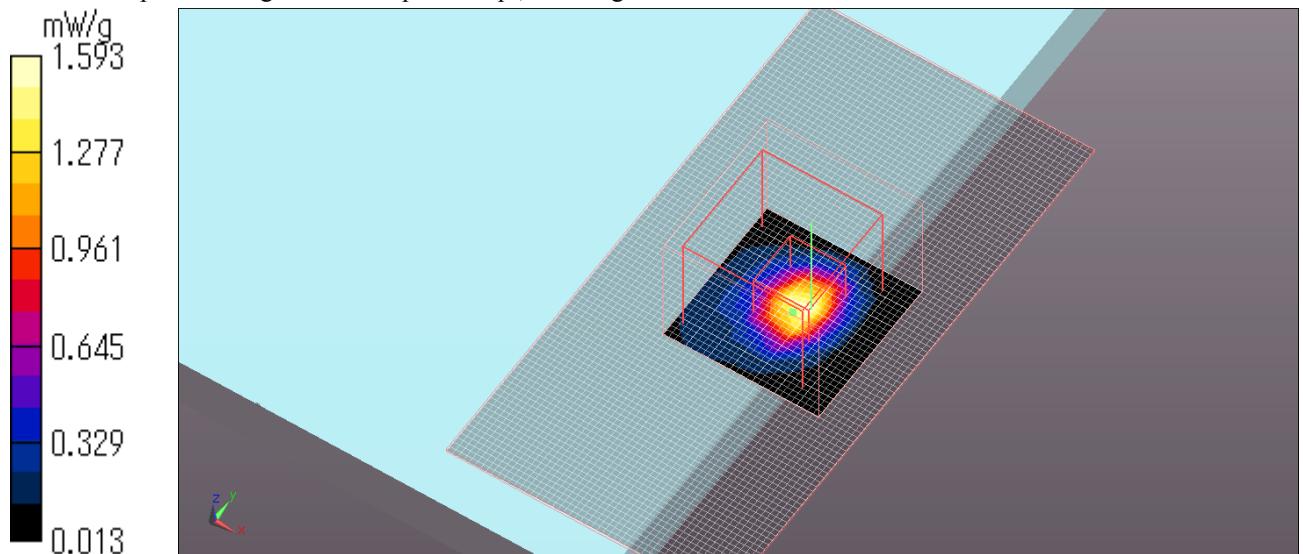
Peak SAR (extrapolated) = 3.480 W/kg

SAR(1 g) = 0.700 mW/g; SAR(10 g) = 0.153 mW/g

Maximum value of SAR (measured) = 1.593 mW/g

Date: 2011/10/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



SC-02D Left edge 0mm 11n40 5310MHz MCS0

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n ; Frequency: 5300 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.68$ mho/m; $\epsilon_r = 47$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(3.59, 3.59, 3.59); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.908 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.825 V/m; Power Drift = 0.19 dB

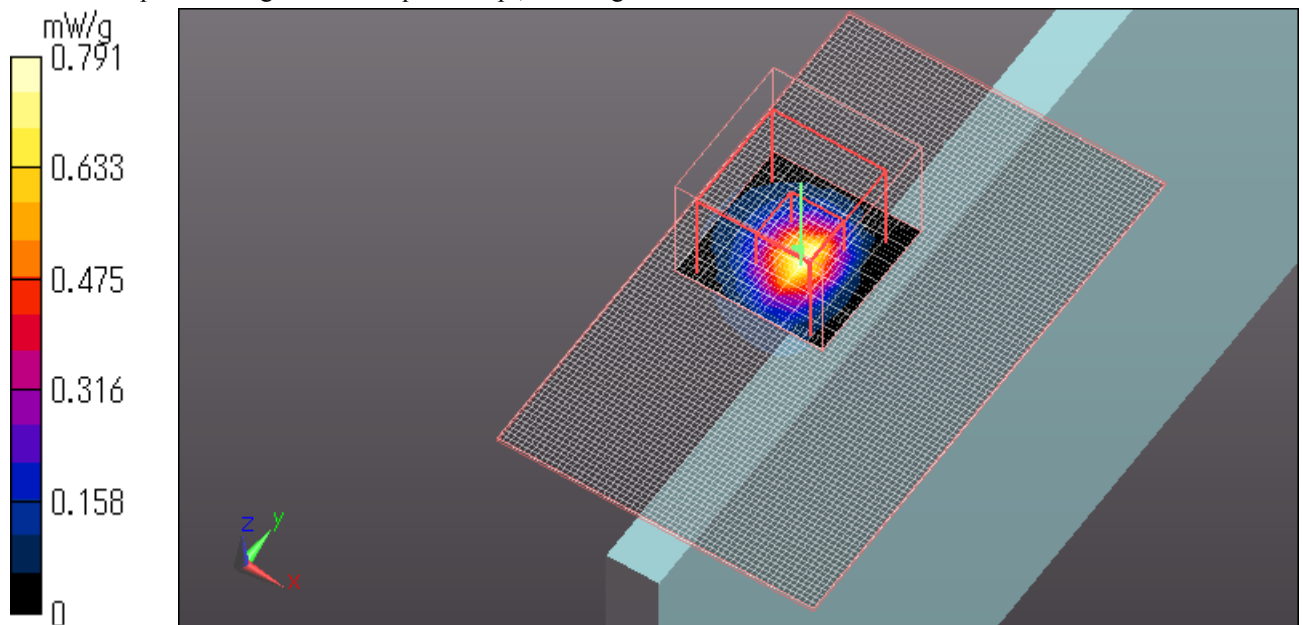
Peak SAR (extrapolated) = 1.529 W/kg

SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.078 mW/g

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

Date: 2011/11/08

Ambient Temp. : 24.3 degree.C. Liquid Temp.; 24.0 degree.C.



SC-02D Rear 0mm 11n40 5270MHz MCS0

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n ; Frequency: 5300 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5300 \text{ MHz}$; $\sigma = 5.68 \text{ mho/m}$; $\epsilon_r = 47$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(3.59, 3.59, 3.59); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (51x101x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 1.482 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 14.388 V/m; Power Drift = -0.14 dB

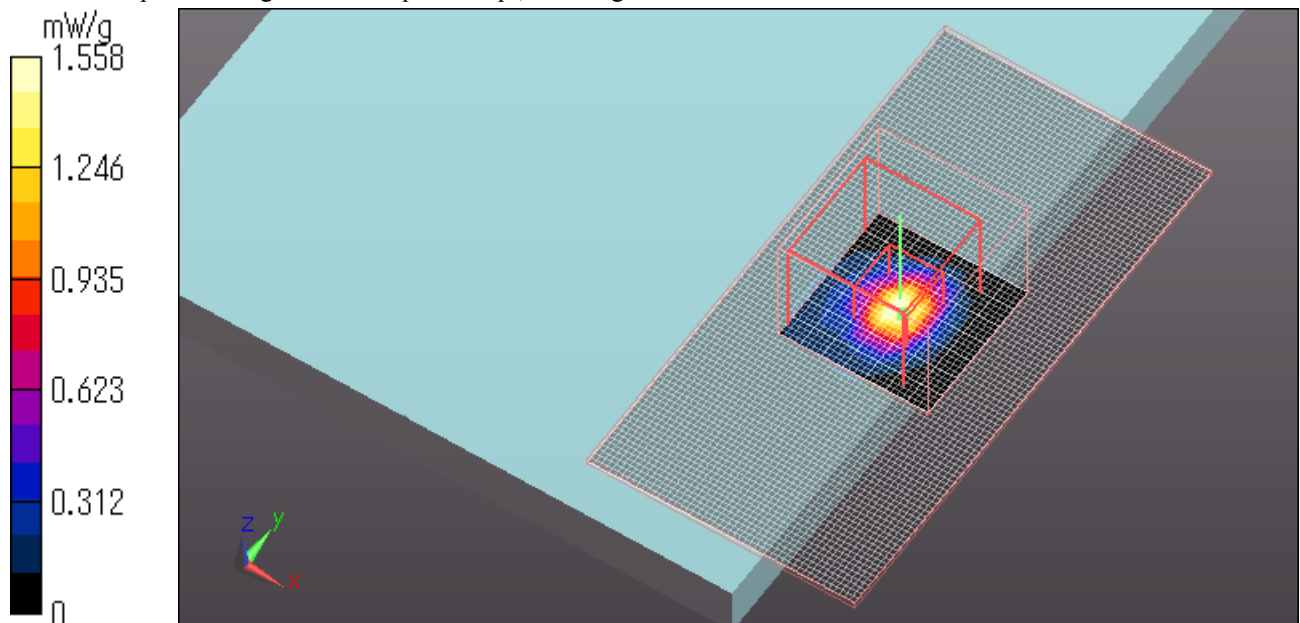
Peak SAR (extrapolated) = 3.464 W/kg

SAR(1 g) = 0.686 mW/g; SAR(10 g) = 0.137 mW/g

Maximum value of SAR (measured) = 1.558 mW/g

Date: 2011/11/08

Ambient Temp. : 24.3 degree.C. Liquid Temp.; 24.0 degree.C.



SC-02D Rear 0mm 11a 5300MHz 6Mbps

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n ;

Frequency: 5300 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.63$ mho/m; $\epsilon_r = 46.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(3.59, 3.59, 3.59); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: ELI 4.0; Type: QDOVA001BA

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.521 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.527 V/m; Power Drift = -0.18 dB

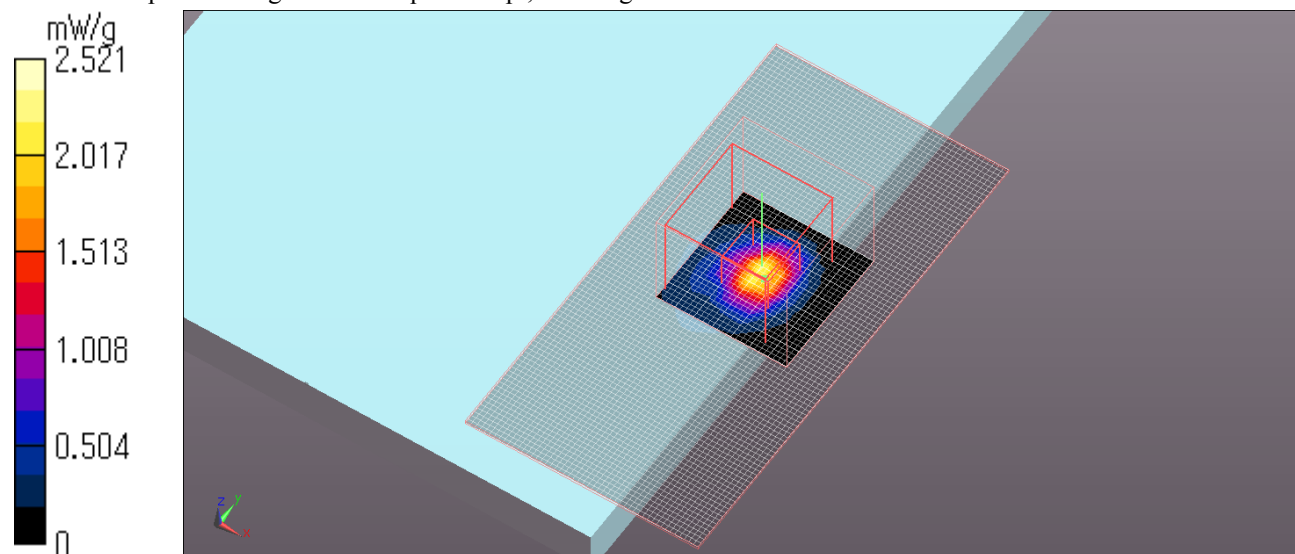
Peak SAR (extrapolated) = 5.051 W/kg

SAR(1 g) = 0.982 mW/g; SAR(10 g) = 0.221 mW/g

Maximum value of SAR (measured) = 2.250 mW/g

Date: 2011/10/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Z Scan at maximum Body SAR in WLAN 5.3Gband

SC-02D Rear 0mm 11a 5300MHz 6Mbps

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n ;

Frequency: 5300 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.63$ mho/m; $\epsilon_r = 46.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(3.59, 3.59, 3.59); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: ELI 4.0; Type: QDOVA001BA

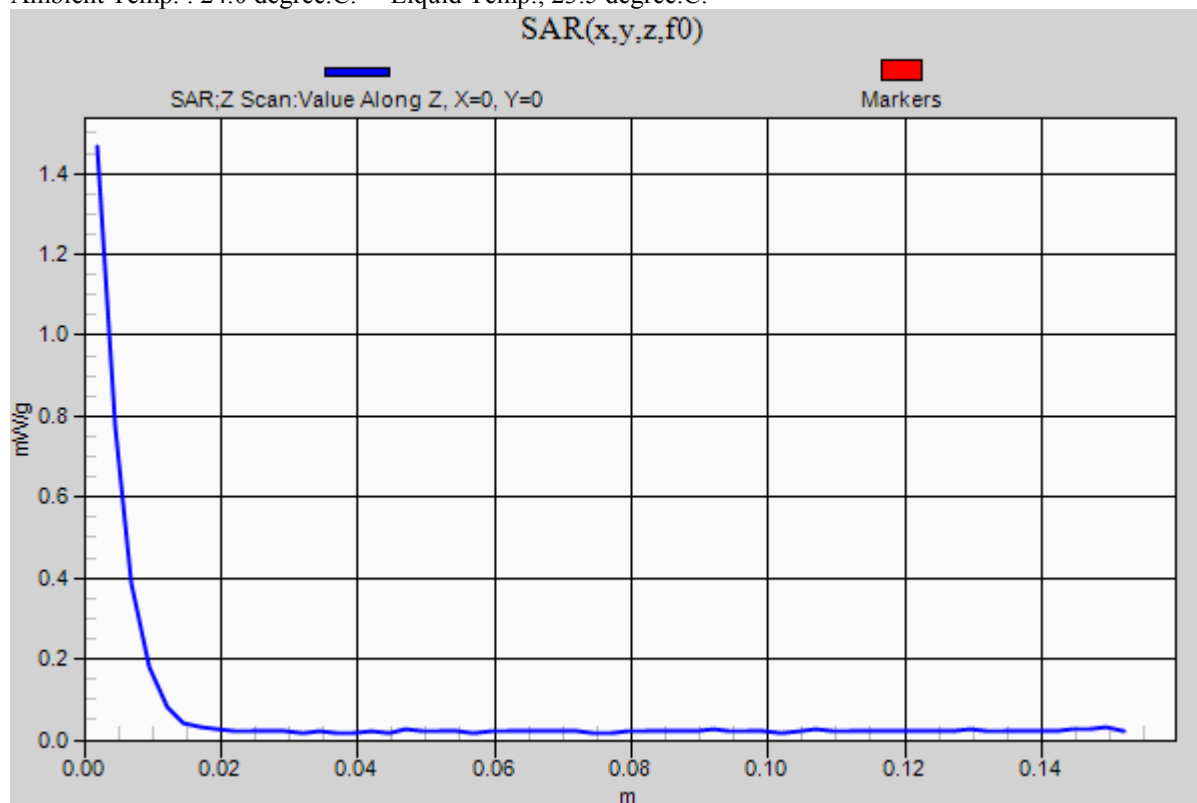
Measurement SW: DASY52, Version 52.6 (1);

Z Scan (1x1x61): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

Maximum value of SAR (measured) = 1.466 mW/g

Date: 2011/10/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



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SC-02D Rear 0mm 11a 5580MHz 24Mbps

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n;

Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.94$ mho/m; $\epsilon_r = 46.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(3.25, 3.25, 3.25); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: ELI 4.0; Type: QDOVA001BA

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.700 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.433 V/m; Power Drift = 0.12 dB

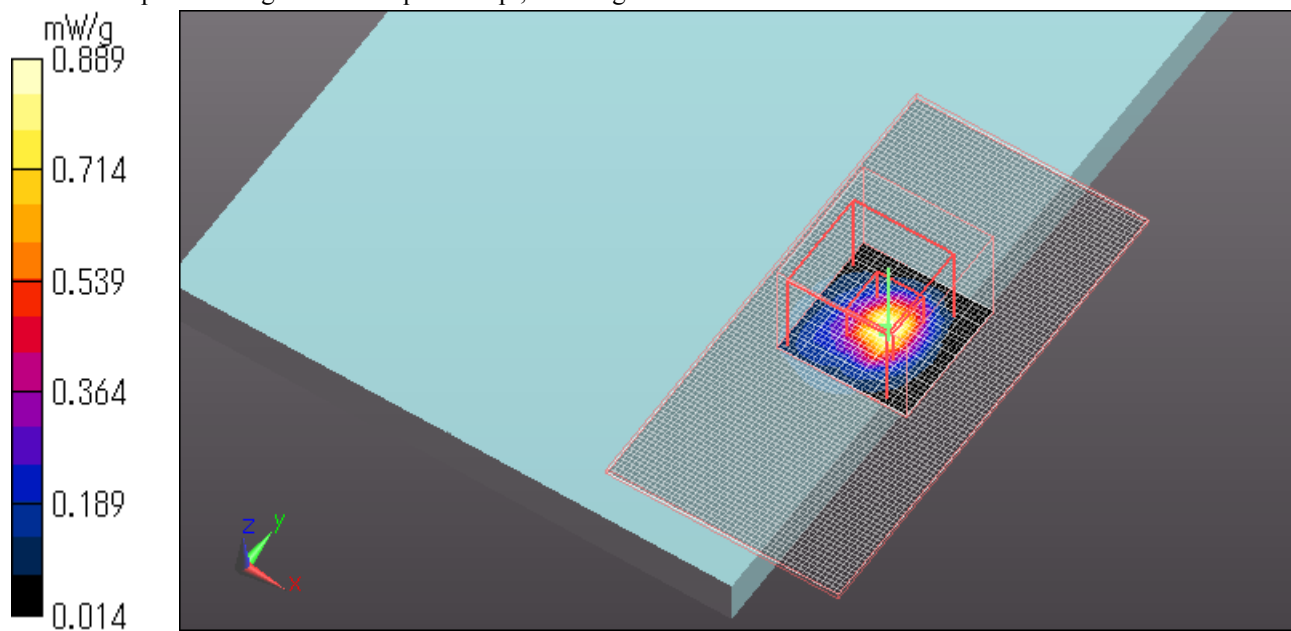
Peak SAR (extrapolated) = 2.049 W/kg

SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.110 mW/g

Maximum value of SAR (measured) = 0.889 mW/g

Date: 2011/10/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



SC-02D Rear 0mm 11a 5580MHz 6Mbps

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 6.04$ mho/m; $\epsilon_r = 46.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(3.25, 3.25, 3.25); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.011 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 12.194 V/m; Power Drift = 0.13 dB

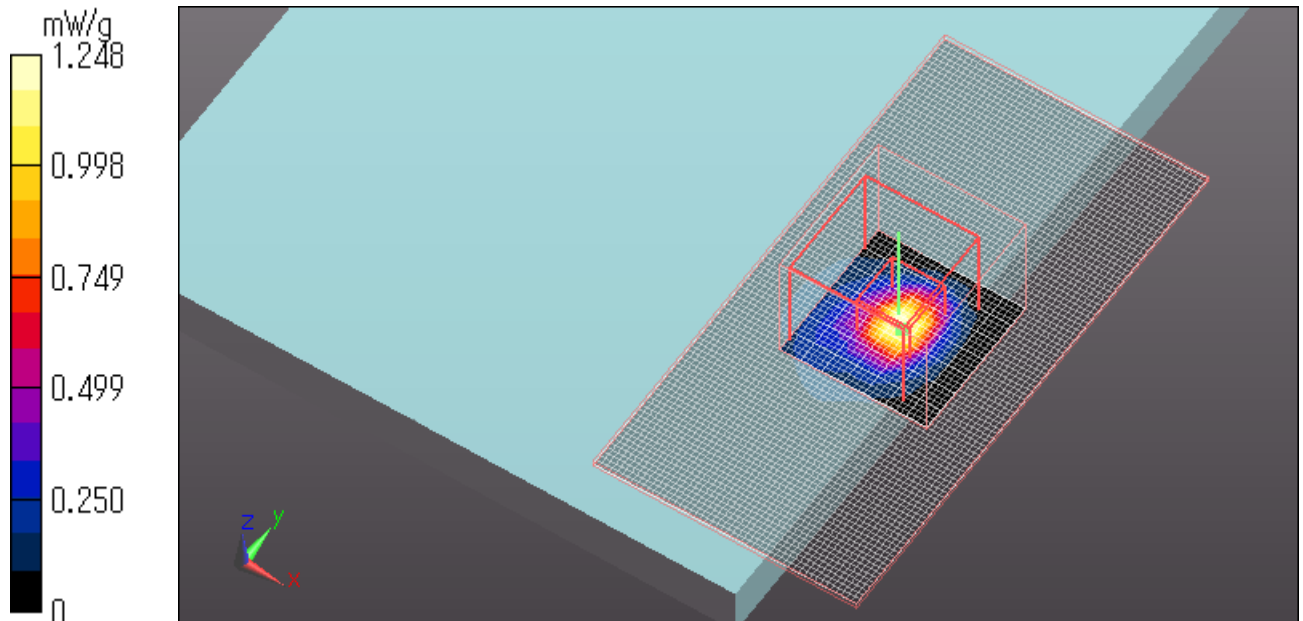
Peak SAR (extrapolated) = 2.808 W/kg

SAR(1 g) = 0.557 mW/g; SAR(10 g) = 0.124 mW/g

Maximum value of SAR (measured) = 1.248 mW/g

Date: 2011/11/08

Ambient Temp. : 24.3 degree.C. Liquid Temp.; 24.0 degree.C.



SC-02D Left edge 0mm 11a 5580MHz 24Mbps

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n;

Frequency: 5600 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.94$ mho/m; $\epsilon_r = 46.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(3.25, 3.25, 3.25); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: ELI 4.0; Type: QDOVA001BA

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.741 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.108 V/m; Power Drift = 0.13 dB

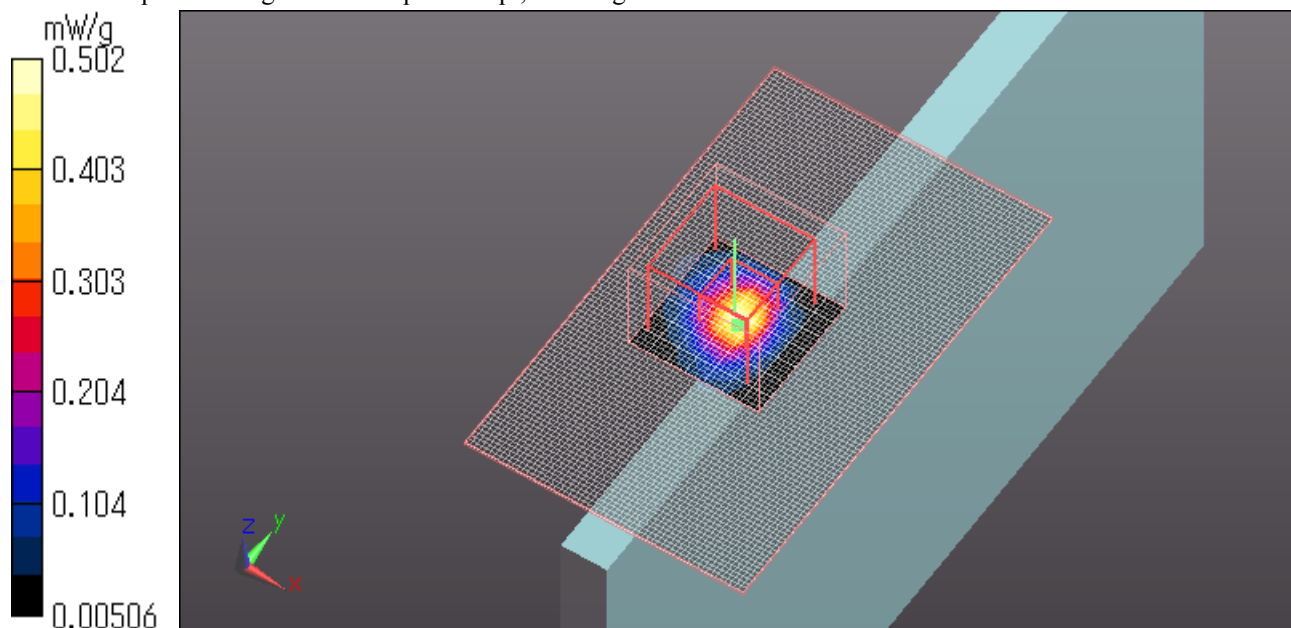
Peak SAR (extrapolated) = 1.758 W/kg

SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.060 mW/g

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

Date: 2011/10/19

Ambient Temp. : 24.3 degree.C. Liquid Temp.; 24.0 degree.C.



SC-02D Rear 0mm 11a 5500MHz 24Mbps

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n;

Frequency: 5500 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.81$ mho/m; $\epsilon_r = 46.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(3.56, 3.56, 3.56); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: ELI 4.0; Type: QDOVA001BA

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.887 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.737 V/m; Power Drift = 0.15 dB

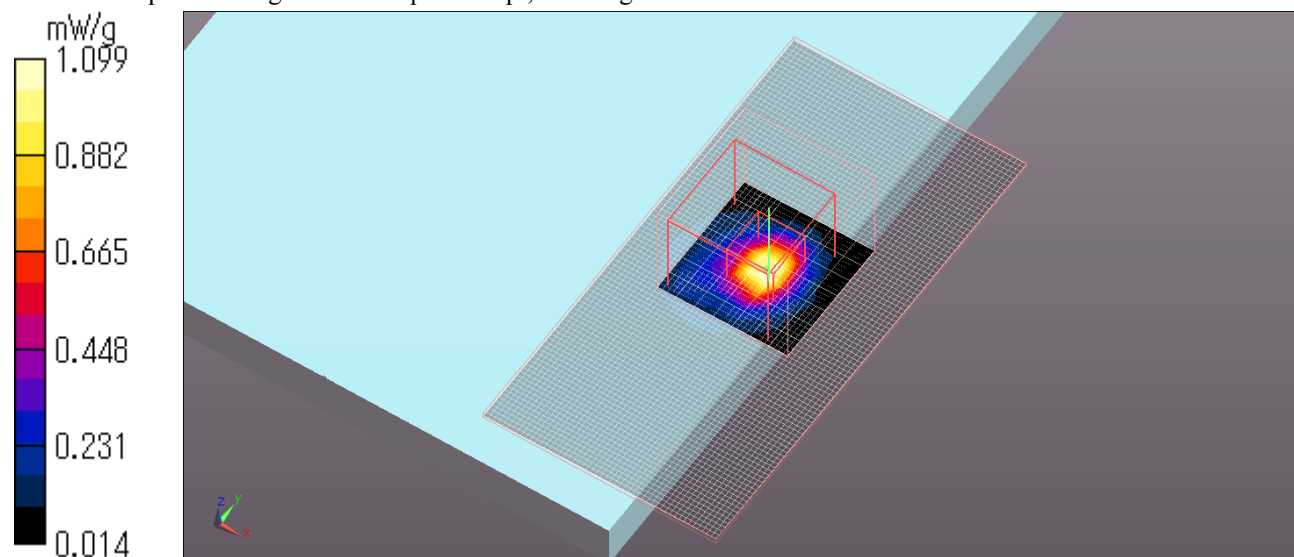
Peak SAR (extrapolated) = 2.659 W/kg

SAR(1 g) = 0.523 mW/g; SAR(10 g) = 0.132 mW/g

Maximum value of SAR (measured) = 1.099 mW/g

Date: 2011/10/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



SC-02D Rear 0mm 11a 5640MHz 24Mbps

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n;

Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.94$ mho/m; $\epsilon_r = 46.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(3.25, 3.25, 3.25); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: ELI 4.0; Type: QDOVA001BA

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm

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

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.872 V/m; Power Drift = 0.12dB

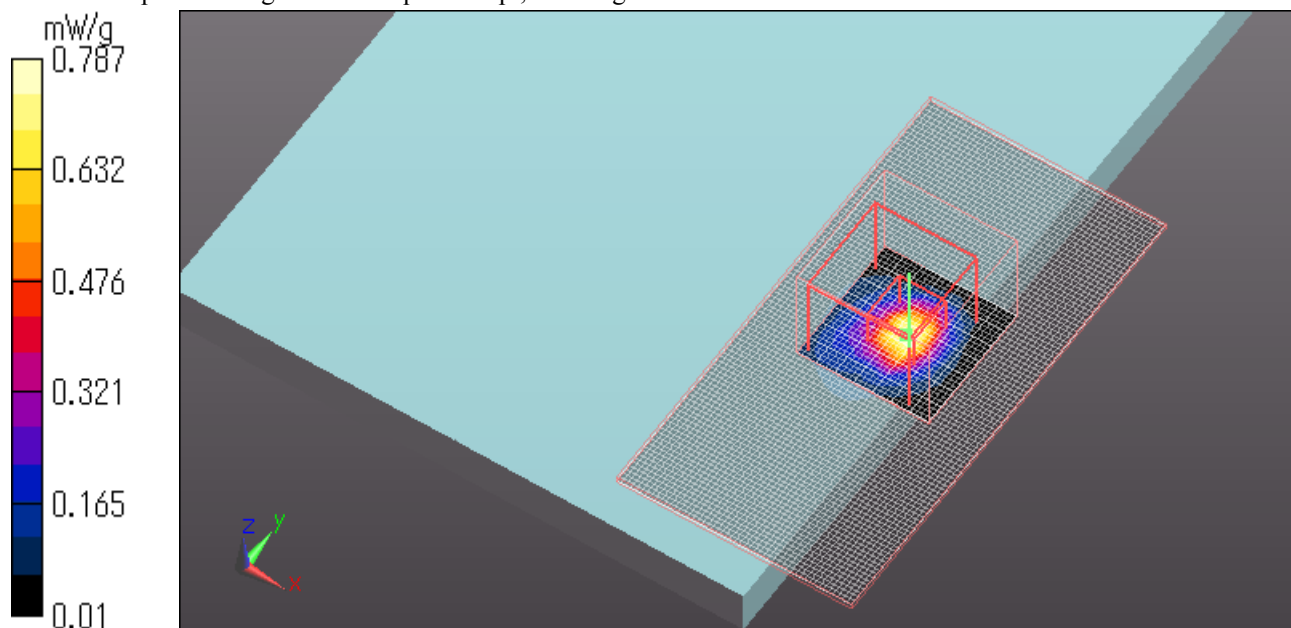
Peak SAR (extrapolated) = 1.807 W/kg

SAR(1 g) = 0.371 mW/g; SAR(10 g) = 0.097 mW/g

Maximum value of SAR (measured) = 0.787 mW/g

Date: 2011/10/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



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SC-02D Rear 0mm 11a 5680MHz 24Mbps

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n;

Frequency: 5700 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5700$ MHz; $\sigma = 6.07$ mho/m; $\epsilon_r = 45.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(3.4, 3.4, 3.4); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: ELI 4.0; Type: QDOVA001BA

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.723 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.321 V/m; Power Drift = 0.21 dB

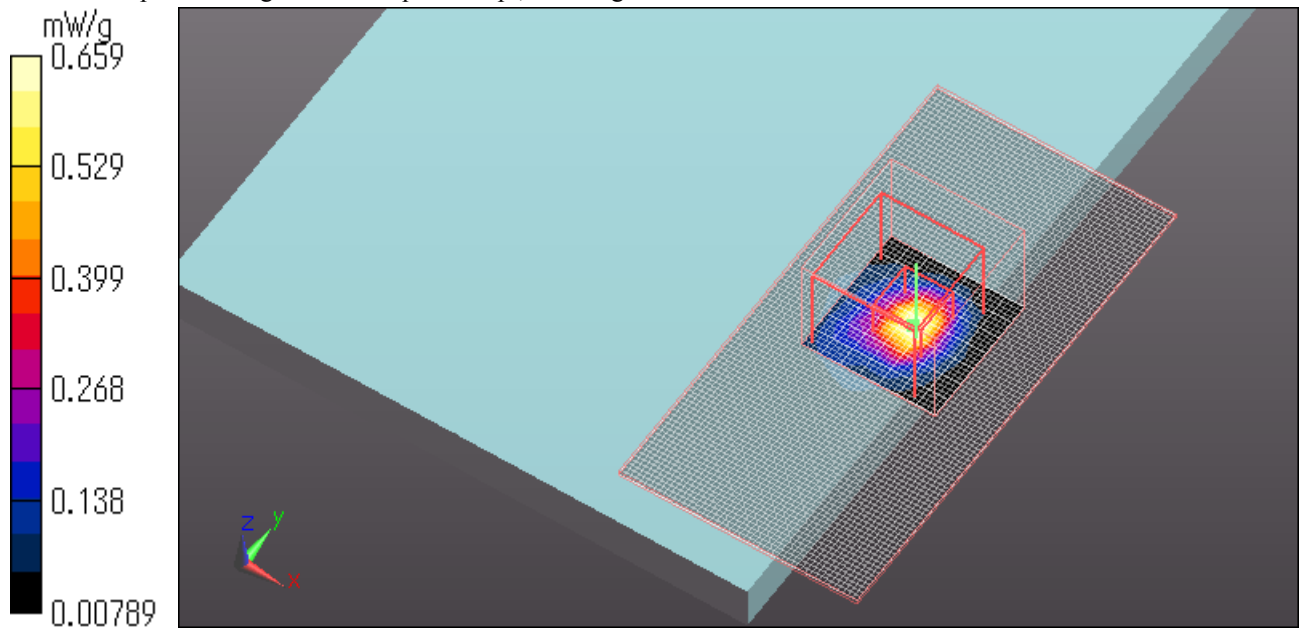
Peak SAR (extrapolated) = 1.693 W/kg

SAR(1 g) = 0.320 mW/g; SAR(10 g) = 0.085 mW/g

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

Date: 2011/10/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



SC-02D Rear 0mm 11a 5500MHz 6Mbps

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500 \text{ MHz}$; $\sigma = 5.9 \text{ mho/m}$; $\epsilon_r = 46.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(3.56, 3.56, 3.56); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (51x101x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 1.203 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 14.005 V/m; Power Drift = 0.13 dB

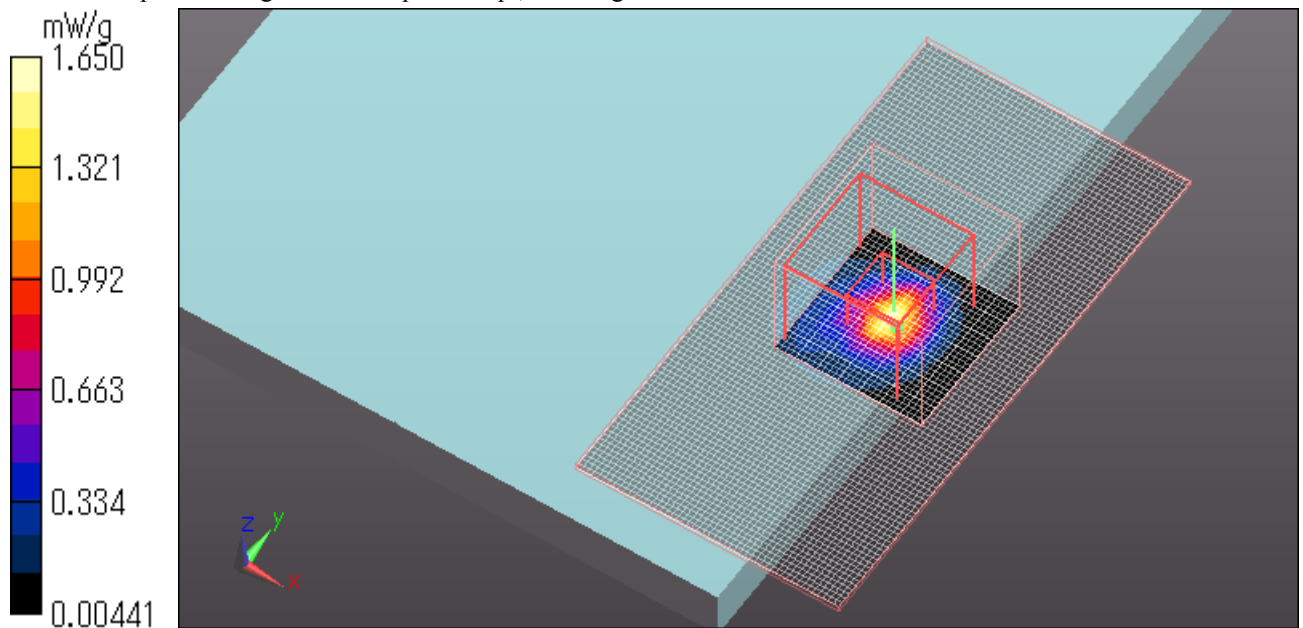
Peak SAR (extrapolated) = 3.487 W/kg

SAR(1 g) = 0.679 mW/g; SAR(10 g) = 0.149 mW/g

Maximum value of SAR (measured) = 1.650 mW/g

Date: 2011/11/08

Ambient Temp. : 24.3 degree.C. Liquid Temp.; 24.0 degree.C.



Z Scan at maximum Body SAR in WLAN 5.6Gband

SC-02D Rear 0mm 11a 5500MHz 6Mbps

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.9$ mho/m; $\epsilon_r = 46.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(3.56, 3.56, 3.56); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

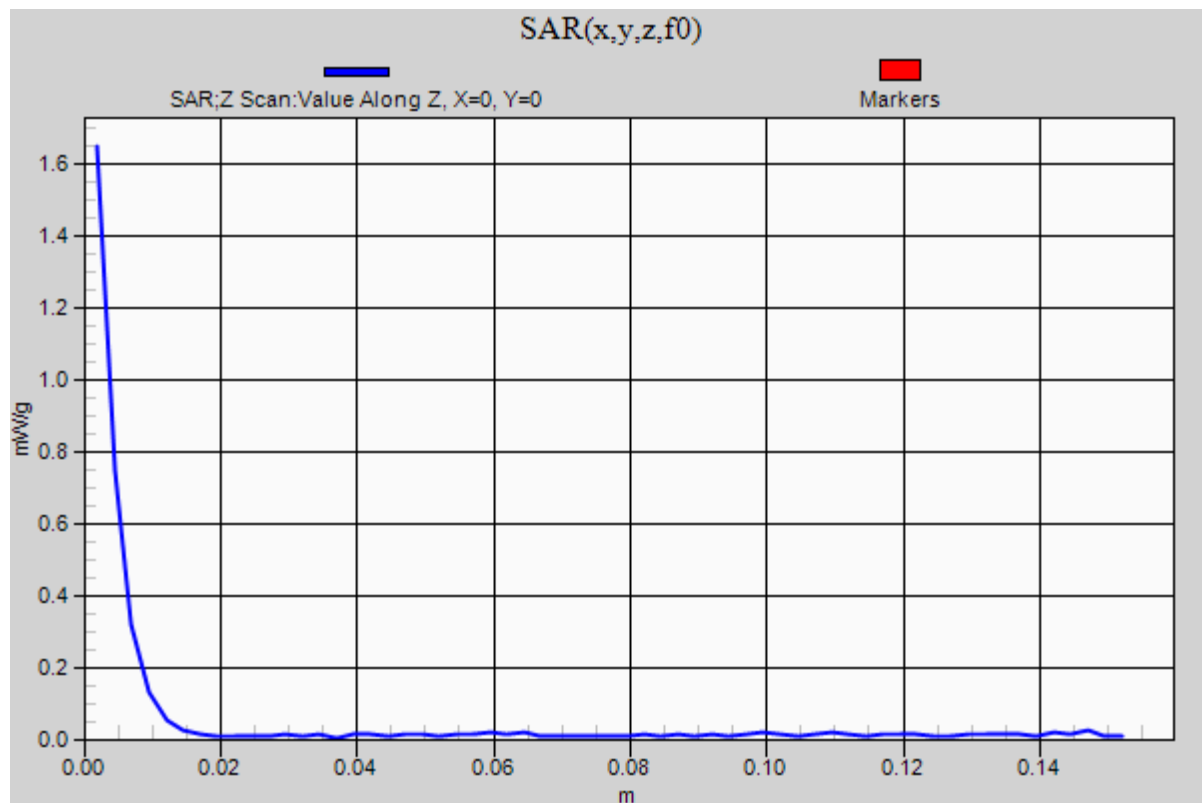
Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

Z Scan (1x1x61): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

Maximum value of SAR (measured) = 1.647 mW/g



SC-02D Rear 0mm 11a 5640MHz 6Mbps

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 6.04$ mho/m; $\epsilon_r = 46.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(3.25, 3.25, 3.25); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.210 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 13.971 V/m; Power Drift = 0.16 dB

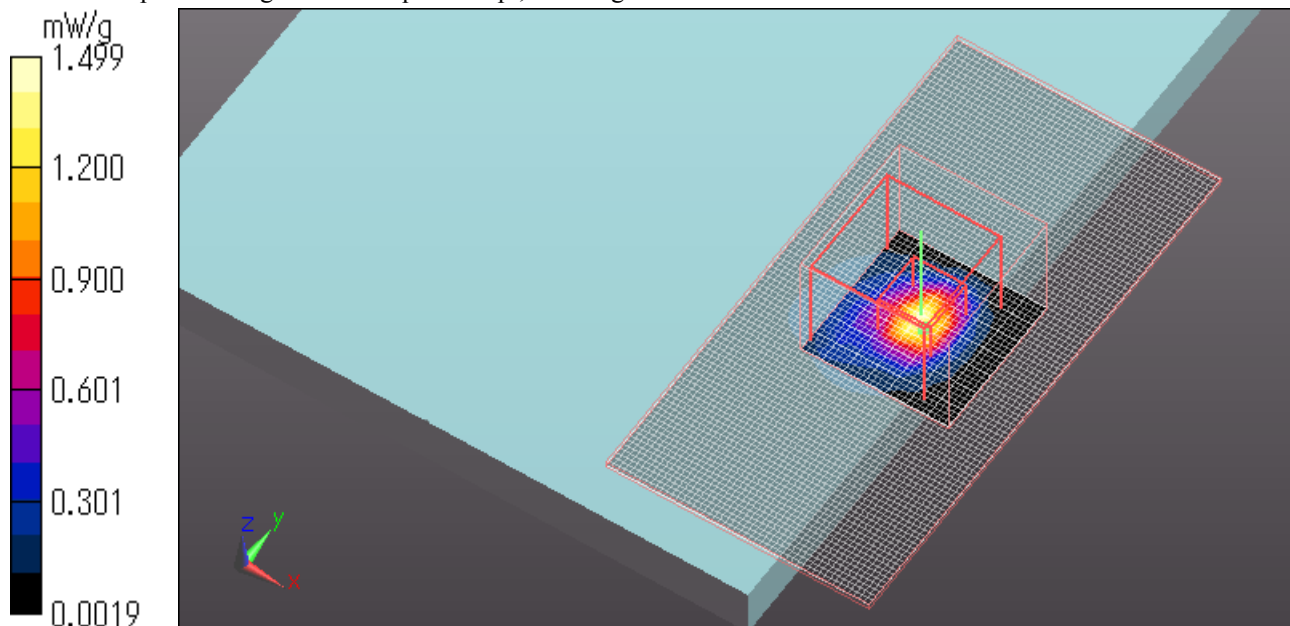
Peak SAR (extrapolated) = 3.204 W/kg

SAR(1 g) = 0.620 mW/g; SAR(10 g) = 0.139 mW/g

Maximum value of SAR (measured) = 1.499 mW/g

Date: 2011/11/08

Ambient Temp. : 24.3 degree.C. Liquid Temp.; 24.0 degree.C.



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SC-02D Rear 0mm 11a 5680MHz 6Mbps

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5700$ MHz; $\sigma = 6.14$ mho/m; $\epsilon_r = 46$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(3.4, 3.4, 3.4); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.235 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 14.837 V/m; Power Drift = 0.11 dB

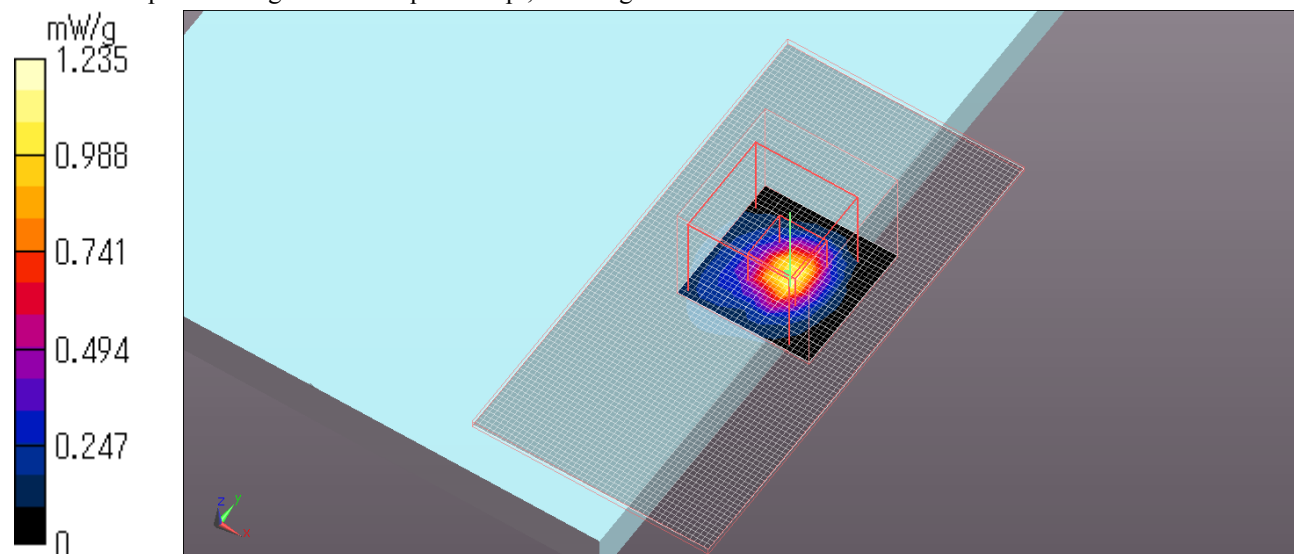
Peak SAR (extrapolated) = 2.553 W/kg

SAR(1 g) = 0.486 mW/g; SAR(10 g) = 0.108 mW/g

Maximum value of SAR (measured) = 1.113 mW/g

Date: 2011/11/08

Ambient Temp. : 24.3 degree.C. Liquid Temp.; 24.0 degree.C.



SC-02D Rear 0mm 11a 5785MHz 6Mbps

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n;

Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5800 \text{ MHz}$; $\sigma = 6.27 \text{ mho/m}$; $\epsilon_r = 45.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(3.4, 3.4, 3.4); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: ELI 4.0; Type: QDOVA001BA

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (51x101x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.889 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 1.313 V/m; Power Drift = 0.17 dB

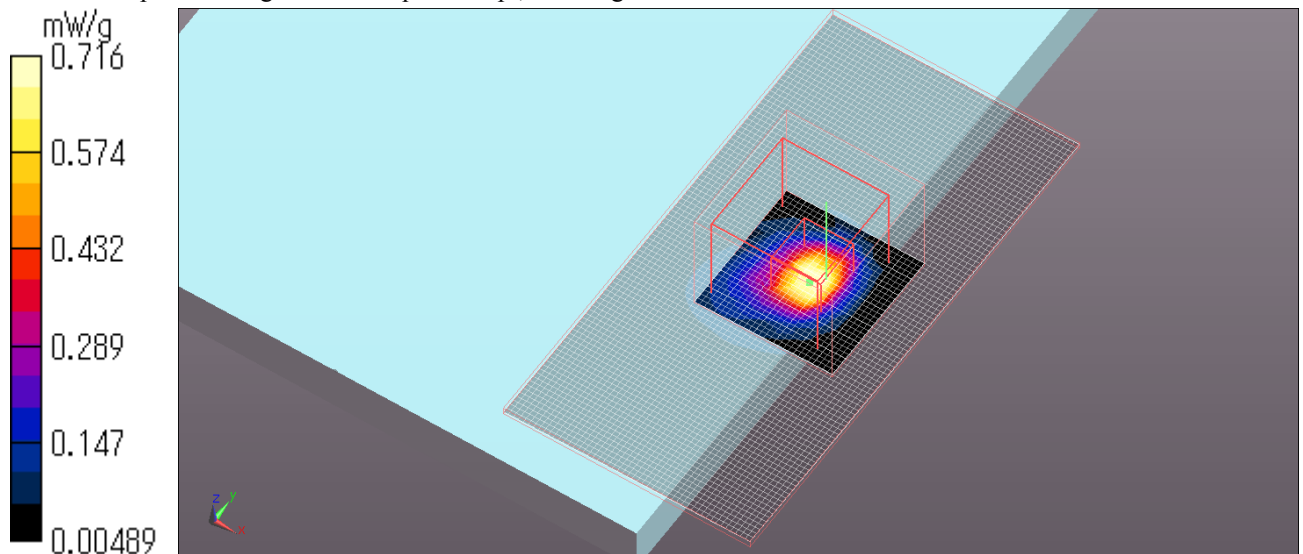
Peak SAR (extrapolated) = 1.372 W/kg

SAR(1 g) = 0.310 mW/g; SAR(10 g) = 0.072 mW/g

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

Date: 2011/10/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Z Scan at maximum Body SAR in WLAN 5.8Gband**SC-02D Rear 0mm 11a 5785MHz 6Mbps**

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n;

Frequency: 5800 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5800$ MHz; $\sigma = 6.27$ mho/m; $\epsilon_r = 45.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(3.4, 3.4, 3.4); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: ELI 4.0; Type: QDOVA001BA

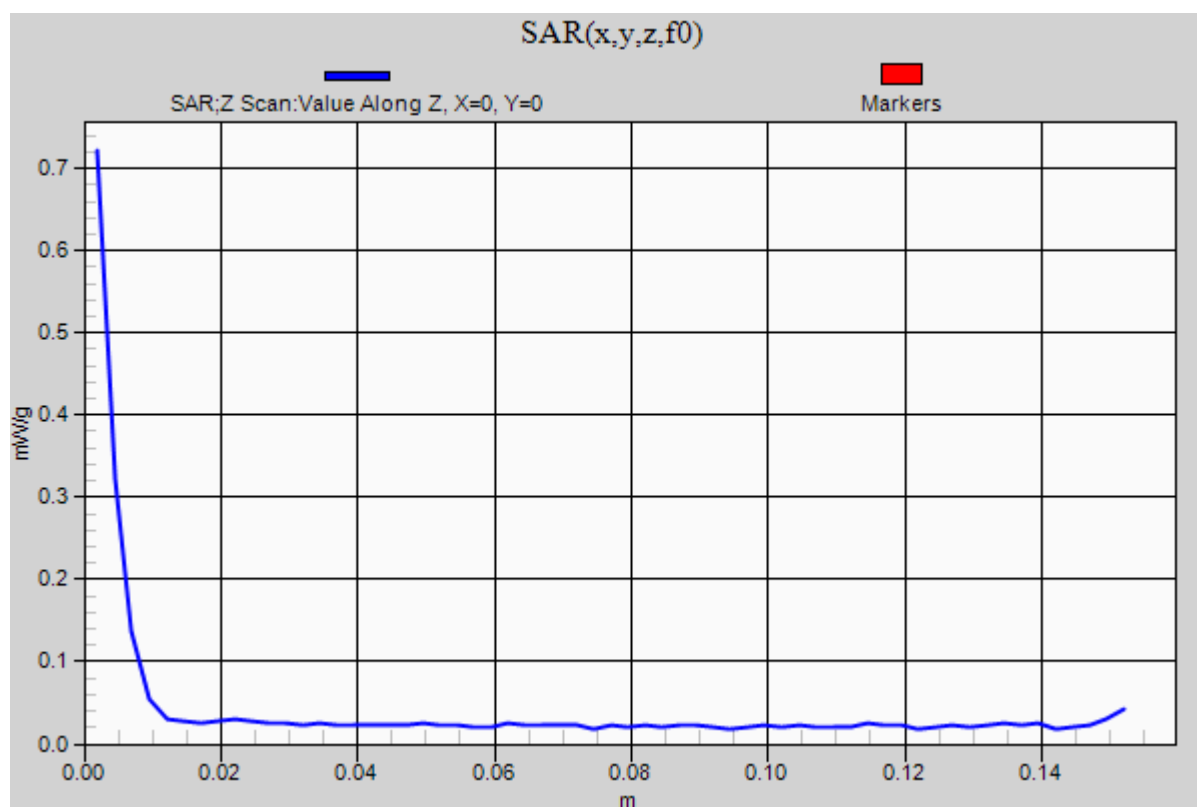
Measurement SW: DASY52, Version 52.6 (1);

Z Scan (1x1x61): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

Maximum value of SAR (measured) = 0.721 mW/g

Date: 2011/10/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



SC-02D Left edge 0mm 11a 5785MHz 6Mbps

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n;

Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5800$ MHz; $\sigma = 6.27$ mho/m; $\epsilon_r = 45.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(3.4, 3.4, 3.4); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: ELI 4.0; Type: QDOVA001BA

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

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

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.409 V/m; Power Drift = 0.13 dB

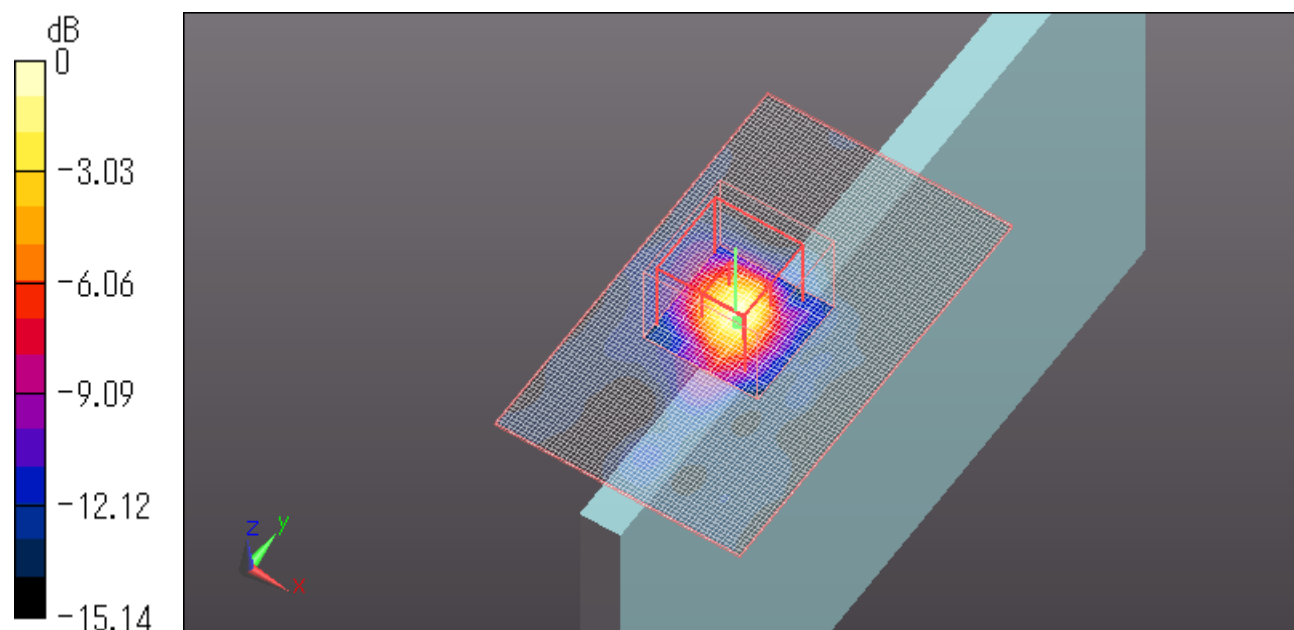
Peak SAR (extrapolated) = 0.676 W/kg

SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.046 mW/g

Maximum value of SAR (measured) = 0.387 mW/g

Date: 2011/10/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



SC-02D Rear 7mm 11a 5320MHz 6Mbps

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n ;

Frequency: 5300 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.63$ mho/m; $\epsilon_r = 46.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(3.59, 3.59, 3.59); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: ELI 4.0; Type: QDOVA001BA

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.474 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.123 V/m; Power Drift = 0.19 dB

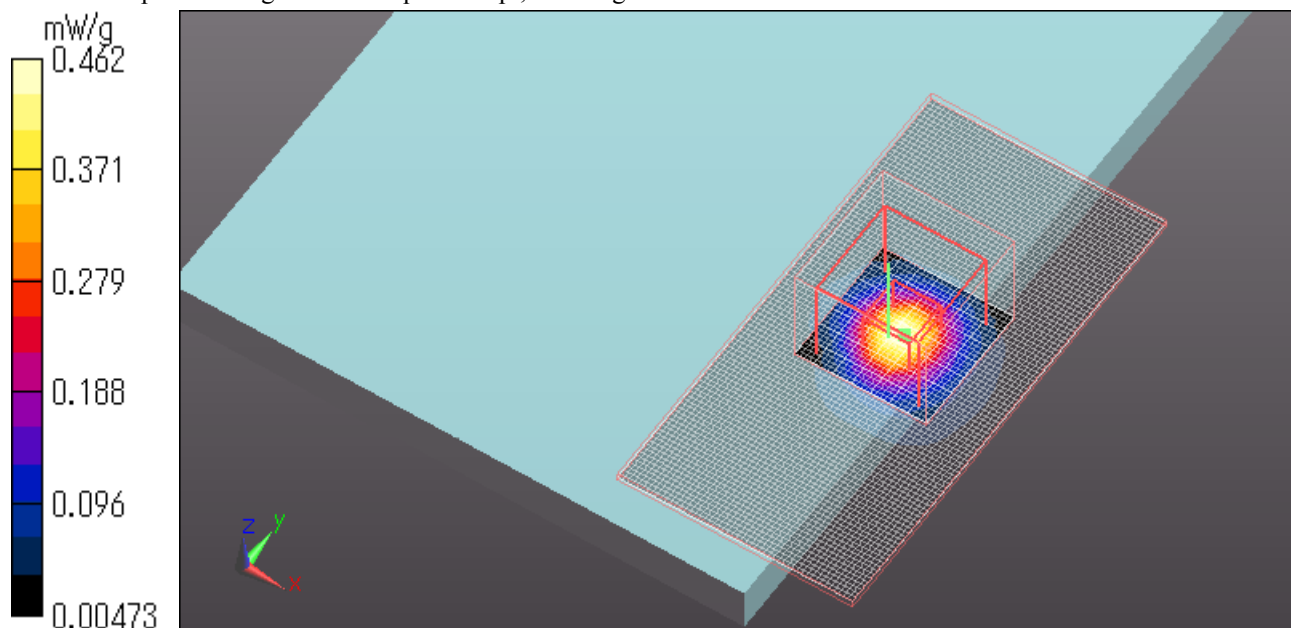
Peak SAR (extrapolated) = 0.813 W/kg

SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.069 mW/g

Maximum value of SAR (measured) = 0.462 mW/g

Date: 2011/10/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



SC-02D Rear 7mm 11a 5500MHz 6Mbps

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5500$ MHz; $\sigma = 5.9$ mho/m; $\epsilon_r = 46.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(3.56, 3.56, 3.56); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.484 mW/g

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.969 V/m; Power Drift = -0.16 dB

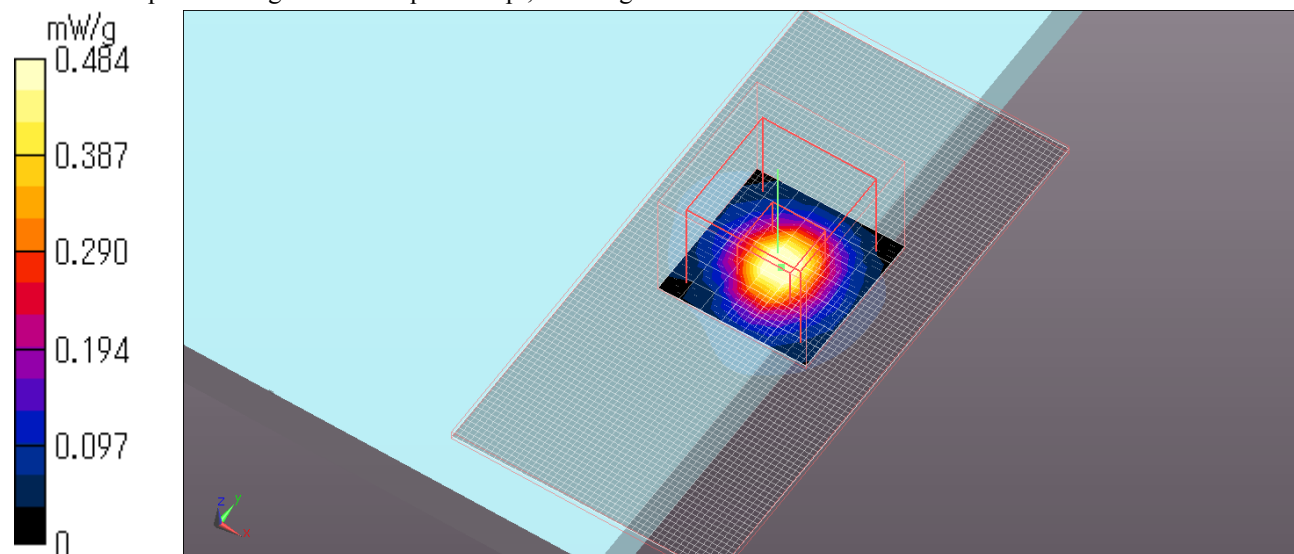
Peak SAR (extrapolated) = 0.940 W/kg

SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.062 mW/g

Maximum value of SAR (measured) = 0.519 mW/g

Date: 2011/11/08

Ambient Temp. : 24.3 degree.C. Liquid Temp.; 24.0 degree.C.



SC-02D Rear 7mm 11a 5785MHz 6Mbps

Communication System: WLAN 11a/b/g/n ; Communication System Band: 11a/n; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5800$ MHz; $\sigma = 6.28$ mho/m; $\epsilon_r = 45.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(3.4, 3.4, 3.4); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm

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

Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.833 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.547 W/kg

SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.038 mW/g

Maximum value of SAR (measured) = 0.295 mW/g

Date: 2011/11/09

Ambient Temp. : 24.3 degree.C. Liquid Temp.; 24.0 degree.C.

